INVENTORY MANAGEMENT AND PRICING IN EXISTENCE OF SECONDARY MARKETS

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INVENTORY MANAGEMENT AND PRICING IN EXISTENCE OF SECONDARY MARKETS

Abstract

Secondary markets are easily accessible market-places for every participant of a product market, where usually lower prices and shorter lead times than the Original Equipment Manufacturer (OEM) are offered. Especially when price is dynamic, determining procurement amount is very important for the OEM who wants to maximize profit in existence of secondary markets. The goal of this study is to put an approach forward for maximizing profit of the OEM by taking into consideration price and procurement amounts from different suppliers. We consider a trade environment in which OEM is not only a seller on secondary markets but also a buyer. We propose 2 single period additive non-linear maximization models by taking into consideration access priority of the OEM or Price Sensitive Customers (PSC) to secondary markets. We examine proposed models analytically and analyze one of them with Karush-Kuhn-Tucker (KKT) conditions. Due to analytical impracticalities faced in numerical experiments a brutal force search algorithm is applied under some assumptions. Our research provides some managerial insights about inventory management and pricing by considering some parameters as constant. We show effects of procurement from different supply sources under our assumptions.

Keywords:secondary market, optimization, original equipment manufacturer, non-linear programming

İKİNCİL MARKETLERİN VARLIĞINDA ENVANTER YÖNETİMİ VE FİYATLANDİRMA

Özet

İkincil pazarlar genellikle Orijinal Ekipman Üreticisi'nden (OEÜ) daha düşük fiyatlar ve daha kısa teslimat zamanları sunulan, bir ürün pazarının her katılımcısı tarafından kolaylıkla ulaşılabilen ticaret platformalarıdır. Özellikle fiyat dinamik iken, ikincil pazarların varlığında tedarik miktarının belirlenmesi karını en üst düzeye çıkarmak isteyen OEÜ için çok önemlidir. Bu çalışmanın amacı fiyat ve farklı kaynaklardan tedarik miktarını gözönünde bulundurarak OEÜ'nin karını azami seviyeye çıkaracak bir yaklaşım sunmaktır. Bu çalışmada OEÜ'nin ikincil pazarlarda sadece satıcı değil aynı zamanda alıcı olduğu bir ticari ortamı gözönünde bulunduruyoruz. OEÜ ya da Fiyat Hassasiyetli Müşterilerin (FHM) ikincil pazarlara erişim önceliğini dikkate alarak 2 adet tek periyotluk toplamsal doğrusal olmayan en çoklama modeli öneriyoruz. Önerilen modelleri analitik olarak inceleyip, bunlardan bir tanesini Karush-Kuhn-Tucker (KKT) koşullarıyla analiz ediyoruz. Bazı önerilen modellerimizin analitik analizlerinin kullanışsızlığı sebebiyle sayısal analizlerimizde bir takım varsayımlar altında kaba kuvvet arama algoritmasını uyguladık. Araştırmamız, bazı parametrelerin sabit olduğu düşünülerek, envanter yönetimi ve fiyatlandırma hakkında yönetimsel görüşler sağlıyor. Varsayımlarımız altında farklı kaynaklardan tedariğin etkilerini açıkça gösteriyoruz.

Anahtar kelimeler:ikincil pazarlar, eniyileme, orijinal ekipman üreticisi, doğrusal olmayan programlama

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To Kanık and Ran...

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CMS	**C**learing **M**arket **S**trategy.
KKT	**K**arush-**K**uhn -**T**ucker.
MRO	**M**aintenance **R**epair **O**peration.
LC	**L**oyal **C**ustomers.
OEM	**O**riginal **E**quipment **M**anufacturer.
PSC	**P**rice **S**ensitive **C**ustomers.

Chapter 1

Introduction

An Original Equipment Manufacturer (OEM) is a company which sells the capital products or the main goods to its customers. Several parts are assembled to produce a capital product. It is clear that producing all the parts of a capital product requires very big amount of investment, e.g. automotive and aircraft industries. As the OEM produces some parts, on the other hand provides the rest of them from the regular suppliers and customizes these parts [1]. The OEM sells these parts as a spare part or a component of its capital product and it guarantees some conditions such as providing the spare parts for a predetermined time interval, licenses of its products, warranty conditions, technical support services etc.

The OEM may not be only a main good seller but also may be an MRO (Maintenance, Repair, Operation (supplies)). Maintenance operations costs constitute approximately %7 of the total expenditure of a company [2]. Meeting unexpected spare parts demand, which occurs due to the unplanned maintenance service requirements, is so important not only for issues such as prestige concerns, customer satisfaction, legal obligations but also for probable severe contractual fines of contracts with their customers [3].

In order to provide the needed spare parts to its customers, a regular supplier is an option every time for the OEM. A regular supplier is a vendor of the OEM who manufactures specified parts of capital products. An agreement between

the OEM and a regular supplier includes some issues like production planning with a defined lead time and constant price for a predetermined time interval. Obviously, these features of the regular supplier are very important advantages for the OEM. On the other hand the OEM has to pay high acquisition cost and consider longer lead times since the agreement guarantees a production plan and pricing policy between the OEM and the regular supplier.

Considering the issues explained above and the OEM's obligation to provide some sufficient amount of spare parts to meet its customers demand, the secondary markets emerge as an important alternative supply source. Secondary markets are such places where reusable, repairable or brand-new products can be found, sold or bought and also accessible for anyone who wants to buy them. Traders, companies, brokers and also the OEM utilize secondary markets for several purposes such as disposing their excess inventories or procuring some insufficient products. Secondary markets also provide shorter lead times and cheaper prices.

Secondary markets, also known as e-markets, became accessible for everyone all around world thanks to wide spread use of internet. This ensured that a lot of e-market websites have showed up worldwide. According to Turkey Informatics Industry Association (TUBISAD) [4] e-commerce in Turkey grew 32 % between 2013 and 2017 per year. With these opportunities, secondary markets refer not only to physical trade environments but also to virtual e-marketplaces. Furthermore, these are most attractive websites not only in Turkey but also worldwide. While some of them have wide range of products like `www.sahibinden.com`, `www.hepsiburada.com`, `www.amazon.com`, `www.ebay.com`, others focus on special areas like `www.ismakinasiyedekparca.com`, `www.ilsmart.com`.

From the OEM's perspective it is crucial to decide the sourcing option since both of these options (secondary markets and the regular supplier) have pros and cons. As mentioned before, procurement from the regular supplier is not a complicated process. The OEM can order from the regular supplier in a contract period but has to consider longer lead times and higher prices compared to secondary

markets. In other respects, secondary markets are alternative supply sources for the OEM which is a prominent feature of our study. But before discussing how secondary markets can be utilized by the OEM, the material flow on secondary markets should be discussed.

A company may want to sell its surplus inventory due to various reasons. For instance, it may interest to trade different types of products since companies have to follow technological developments or model upgrades considering the life-cycle of products. Keeping excess inventory causes high costs and this is clearly preposterous for a company which aims to maximize its profit. So the company should dispose it to decrease the costs [5]. On the other hand, some companies may continue to trade surplus products of some companies. Some companies may want to buy surplus products with a lower price than the OEM' within shorter lead times, where secondary market is such a convenient place.

Some companies make bulk purchasing and this makes them eligible for discounts. Although bulk buying may result in overstock of the bulk buyer company, the company may turn this drawback into advantage by selling surplus inventory on secondary markets due to discount gained by bulk purchase [6].

Another way to dispose the excess inventory is cannibalization. Cannibalization is a method, which is intensively used for aircraft spare parts, that means using a repairable or a reusable part by disassembling from its capital product. A company, which can not dispose its main products due to various reasons such as not being able to sell or the necessity of some parts of the main good, may dispose its excess inventory by cannibalization thanks to secondary market [7].

In the view of the situations given above, it is obvious that any participant in the market can utilize secondary markets for various reasons. Clearly, secondary markets is not a source for the OEM but also a market where the OEM's customers may have already been in to meet their demands. The OEM's customers term refers to loyal customers (LC) which prefer purchasing from the OEM because of some reasons like quality, confidence or warranty issues. The Price sensitive

Figure 1.1: A bone yard scenery.

customers (PSC) gives higher priority to price. These preferences of customers compel the OEM to adjust its price and inventory appropriately to maximize its profit.

Price is not a matter of concern for only PSC but also for LC and even for the OEM. Inherently, LC may give up purchasing from the OEM because of high prices. In economic theory, it is common rule that if price decreases, then demand increases in an efficient market. Therefore, the OEM may prefer to purchase from the regular supplier or secondary markets to maximize its profit considering secondary market's inventory capacity, the received demand amount in present period and prices those are changing according to demand or price value. Moreover, the OEM may conduct Clearing Market Strategy (CMS) by purchasing all the products on secondary markets. Therefore, the OEM may receive the total demand amount of LC and PSC.

In inventory management, acquisition price is not the unique issue to consider. The OEM should take into consideration acquisition cost according to the selling prices in the market where the demand amount and the price show a negative correlation. Since price is low for high values of demand, the OEM should take into consideration acquisition cost.

Another crucial decision for the OEM is to adjust the total procurement amount. After the procurement, the OEM may contend with a problem at the end of the interval, i.e., shortage or surplus inventory. If the OEM has excess stock at the end of a period, it has to shoulder some amount of holding cost which means cost of having left-over inventory. This is not the only option for the OEM since we assume that unmet demand as backlogged. Backlog cost occurs in the presence of unmet some or all of the customers demand which generally is not preferred due to its high rate per unit.

In this study, we elaborated 2 scenarios those differ from each other according to the OEM's priority to access secondary market considering PSC. We consider that unless prioritized one finishes procurement from secondary markets, the other can't access. On condition that the OEM can't meet the total amount of received demand, it may use the regular supplier as a supply source. In case PSC can't meet their demand from secondary markets, they must use the OEM as a supply source and can't waive their demand. The first scenario addresses the situation that the OEM has priority to access secondary markets. If the OEM has priority, it can manipulate the market and can gain some or all of PSC' demand. Even the OEM doesn't conduct CMS, it may purchase from secondary markets at least to meet LC' demand before LC. In this scenario PSC can purchase from secondary markets in case there is any remaining product after the procurement of the OEM.

The second scenario addresses the case where PSC have a head start to access secondary markets. In this scenario it is possible that PSC may not let the OEM supply from secondary markets due to finite capacity of secondary markets. In case there is still some amount of remaining inventory on secondary market after PSC' procurement, the OEM may purchase some or all of the amount of remaining products on secondary markets. If the total amount of products on secondary markets can't meet PSC' total amount of demand. Under this circumstance some or all of the PSC have to order from the OEM and the OEM may meet all amount of received demand by ordering from the regular supplier.

In such a challenging trade environment it is crucial for OEMs to decide inventory level. In this study we handle the profit maximization problem of an OEM in two scenarios given above. We proposed 4two mathematical models for single period inventory problems.

The rest of this thesis is organized as follows: In Chapter 2 the literature is reviewed with respect to our study. In Chapter 3 addresses our mathematical models with some analysis. In Chapter 4, results of numerical experiments about proposed mathematical models are presented. In Chapter 5 the conclusion of this study and some managerial insights are given .

Chapter 2

Literature Survey

We focus on the former related literature about our study those tackle dual sourcing, pricing and secondary markets. There are numerous which tackle multi-sourcing inventory and pricing studies in existence of secondary markets.

Hekimoğlu [8] considers secondary markets as a supply source and proposes a linear single period model, which motivated this study. He regards some issues that lead loyal customers (LC) to secondary market due to such as pricing decision of the Original Equipment Manufacturer (OEM). As in this study, his linear optimization models propose that secondary markets are finite supply sources which may be utilize as a market also by the OEM. He manages to provide some valuable managerial insights with taking into consideration some probable scenarios.

Guo et al.[9] establish a closed-loop supply chain management model in existence of secondary markets and propose a joint location and inventory optimization model. Contrary to our study, they consider secondary markets as market, not a supply source since they are motivated by customer return policies. They establish a new heuristic method to deal with their dynamic mixed integer non-linear model and provide important recommendations for decision makers.

Huang et al. [10] put forward stochastic profit maximization models whose motivation high customer returns too. They assume a unique supplier for many

retailers who use secondary markets as a market not a supply source. They propose an interesting idea that focuses on retailers trading between themselves without the impact of supplier to managing their inventory levels. They put forward secondary markets beneficial effect for retailers.

Lee and Whang [11] elaborate secondary markets with one manufacturer and many resellers where resellers have to order from the manufacturer in the first period. Authors put forward stochastic models to provide some suggestions for optimal decisions for inventory management. They evaluate potential strategies for manufacturer in the existence of secondary markets.

Angelus [12] introduces a study by extending Lee and Whang's research [11]. He elaborates a multistage problem, including periods in every stage, in existence of secondary markets. In his model, secondary markets are assumed only as market place not a supply source. His model is based on jointly optimization of disposing excess inventory and replenishing stocks in every stage. He analysis his stochastic model, in which trading in secondary markets is permitted in every stage, by applying a heuristic process. He recommends some managerial insights for decision makers.

Xing et al. [13] elaborate effects of secondary markets on decision makers by diversifying them with risk neutral and risk averse. They propose a stochastic newsvendor model by considering price sensitivity, demand uncertainty and price volatility. They introduce some recommendation about probable results of their model.

Milner and Panos [14] handle advantages of B2B markets in a closed market with a monopolistic supplier. After purchasing the regular supplier, participants in closed market can utilize secondary markets for managing their costs, disposing their excess inventory or avoiding backlog cost. Authors consider an infinite horizon model with assumption of backlog costs in which buyer maximizes its expected discounted profit . They give some explanations about the growth of secondary markets' impacts .

Our study contributes to the literature by proposing 2 additive non-linear models for the expected demand by regarding secondary markets not only as a market but also a supply source in which the OEM and other participants are prioritized to access secondary markets. To the best of our knowledge, this is the first study which considers log-linear demand function when secondary markets are regarded as supply source from the OEM's perspective. In Chapter (3), detailed explanation is given about our optimization models and handled analytically.

Chapter 3

Mathematical Models

As mentioned in Chapter 1, the OEM (Original Equipment Manufacturer) has to consider various variables when optimizing its profit. When secondary markets exist, total demand splits between secondary market and the OEM because some customers prefer purchasing from secondary markets as the first choice of them. This type of customers are denoted by **price sensitive customers** (**PSC**). The rest of customers are denoted by **loyal customers** (**LC**) who prefer purchasing products from OEM as the first supply source choice.

Although we categorize customers according to their priority of supply source choices, they may or have to change their choices depending on the selling price. In this study, LC' procurement from the OEM is not guaranteed owing to our mathematical models. Hence, they may transform into the price sensitive customer if procurement from the OEM is inconvenient for them. Also PSC may have to choose OEM as their supply source if there is insufficient stock on secondary markets to meet their demand.

We consider two different scenarios, in which until prioritized one of OEM and PSC finishes procurement from secondary markets the other one can't access, according to the OEM's or PSC' access priority to secondary markets. In the first scenario, we consider that the OEM has priority to access secondary markets. After the OEM's procurement from secondary markets, PSC can access to secondary markets. If total inventory amount on secondary markets is insufficient

for the OEM, it may order from the regular supplier. PSC may purchase from secondary markets to meet their demand, if secondary markets have sufficient inventory for PSC after the OEM's purchasing. If PSC can't meet their demand from secondary markets, they have to order from the OEM.

In the second scenario, access priority to secondary markets is considered as opposite of the first scenario. PSC have priority to access to secondary markets and if total inventory amount on secondary markets is insufficient, PSC order from the OEM. If secondary markets have sufficient inventory after PSC' purchasing, the OEM may purchase from secondary markets. The OEM can also use the regular supplier as supply source.

In this chapter two mathematical models with different scenarios are developed and analyzed.

3.1 Main Assumptions

In this study, we consider a single period inventory model with zero lead times and assume that the products on secondary markets can be substituted for the regular supplier's products.

Recall that in this study the OEM has opportunity for dual sourcing thanks to secondary markets. The OEM may purchase some amount of its demand from secondary markets with the secondary market purchasing cost and some amount of its demand from the regular supplier with the regular supplier purchasing cost and these costs are assumed as constant. In our mathematical models, secondary markets are assumed more beneficial than the regular supplier. Although the OEM ordinarily purchases products from its regular supplier and pays its regular suppliers more than secondary market sellers, the OEM may prefer purchasing from secondary markets in accordance with this assumption. However, we assume the total inventory amount on secondary markets as finite.

In a multi-period model every period is affected by the previous period and every period also affects the next period. These effects occur due to the left-over stock remaining from the previous period which passes the next period. Considering this process, at the beginning of a period, the OEM may have some beginning inventory remaining from the previous period. Our assumption is that the beginning inventory has non-negative values in every time and inherently for the positive values of the beginning inventory, the OEM must have some excess inventory remaining from the previous period. We regard the acquisition cost of y as zero.

While maximizing the profit from the OEM's perspective, there are some other issues those should be considered. In existence of secondary markets, it is important to decide procurement amount from secondary markets and regular supplier not to shoulder the holding and backlog costs. In our mathematical models we assume linear holding and backlog costs. In addition to these parameters, we consider an additive random variable which affects expectation of excess or insufficient inventory amount at the end of the period. In this study we assume

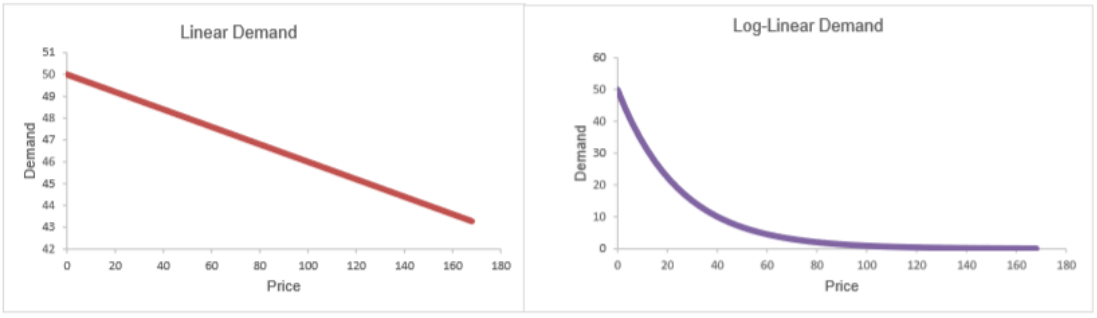

Figure 3.1: Linear and Non-Linear Demand Functions.

log-linear demand for our mathematical models. The change of price and demand's effect on each other is shown above graphically.

As we mentioned before, the price has important effect on the procurement decisions of the customers including the procurement amount and the supply source choice issues. We use a demand split rate parameter and a customer preferences rate to simplify problem and set demand split equations for each scenario. We

handle our mathematical models according to these demand split equations for every scenario. Besides these, we also consider an additive random variable in demand function.

3.2 Mathematical Model

In this section, the fundamentals of our mathematical models are explained in detail. We discuss all the income and the cost factors, demand and supply sources, constraints with all the variables and the parameters. Basically; the profit maximization is done by increasing the total revenue and by decreasing the total cost with seeking the maximum positive difference between them. We set two maximization problems with regarding two scenarios based on access priority to secondary markets as explained before.

In scenario 1, the OEM has access priority to secondary markets. If the OEM can access secondary markets before PSC, inherently it prefers to procure from secondary markets because of lower prices. Thanks to this opportunity, the OEM should procure some amount of orders from secondary markets at least for the LC' demand if it is needed. After the OEM's procurement from secondary markets, inventory level on secondary markets will be $K - q^m$. Under these circumstances, some or all amount of PSC' demand can be gained by the OEM if only the total amount of PSC' demand is greater than $K - q^m$. In case this condition is not provided, the OEM can receive only the LC' demand. The total amount of demand received by the OEM for Scenario 1, which is denoted by ${}^1D_{tot}$, is given below:

$$ {}^1D_{tot} = \begin{cases} D(p)(1-\gamma p) + [D(p)\gamma p - K + q^m]^+ + \epsilon, & if\ D(p)\gamma p > K - q^m, \\ D(p)(1-\gamma p) + \epsilon, & otherwise. \end{cases} \tag{3.1} $$

As seen in (3.1), ${}^1D_{tot}$ may vary according to K which is one of the most effective parameters of our mathematical models. The first row of (3.1) shows that $K - q^m$ doesn't meet the total amount of PSC' demand. (γp), $(1-\gamma p)$ and ϵ refer to PSC'

d	:sum the OEM's PSC' demand amounts.
p	:price.
$D(p)$	:log-linear demand amount according to price.
D_{tot}	:total amount of demand received by the OEM.
α	:maximum market capacity.
γ	:demand split rate parameter.
β	:customer preferences rate.
ϵ	:additive random variable.
$r(d)$	:total revenue according to demand.
K	:inventory amount on secondary markets.
c_m	:secondary markets acquisition cost per unit.
q^m	:amount of inventory purchased from secondary markets by the OEM.
c_r	:regular supplier acquisition cost per unit.
q^r	:amount of inventory purchased from regular supplier by the OEM.
w	:inventory amount of the OEM at the end of the period.
h	:holding cost per unit.
b	:backlog cost per unit.
y	:inventory amount of the OEM at the beginning of the period before procurement from secondary markets or the regular supplier.

Table 3.1: Notation in Respect of Mathematical Models.

and LC' demand rates and an additive random variable respectively. According to the first row of (3.1), the OEM gains all amount of the LC' demand, some or all amount of PSC' demand due to insufficient inventory level on secondary markets after the OEM's procurement and also some amount of demand that equals to the expectation value of ϵ which are shown with the first, the second and the third terms relatively. The second row states that the OEM only receives LC' demand with the expectation value of ϵ.

According to Scenario 2, the OEM can access to secondary markets after PSC' procurement from secondary markets. The OEM can gain some or all amount of PSC' demand if K value is insufficient to meet the total amount of PSC' demand. Total amount of demand received by the OEM in Scenario 2, which is denoted by ${}^2D_{tot}$, is given below:

$$ {}^2D_{tot} = \begin{cases} D(p)(1-\gamma p) + [D(p)\gamma p - K]^+ + \epsilon, & if\ D(p)\gamma p < K, \\ D(p)(1-\gamma p) + \epsilon, & otherwise. \end{cases} \tag{3.2} $$

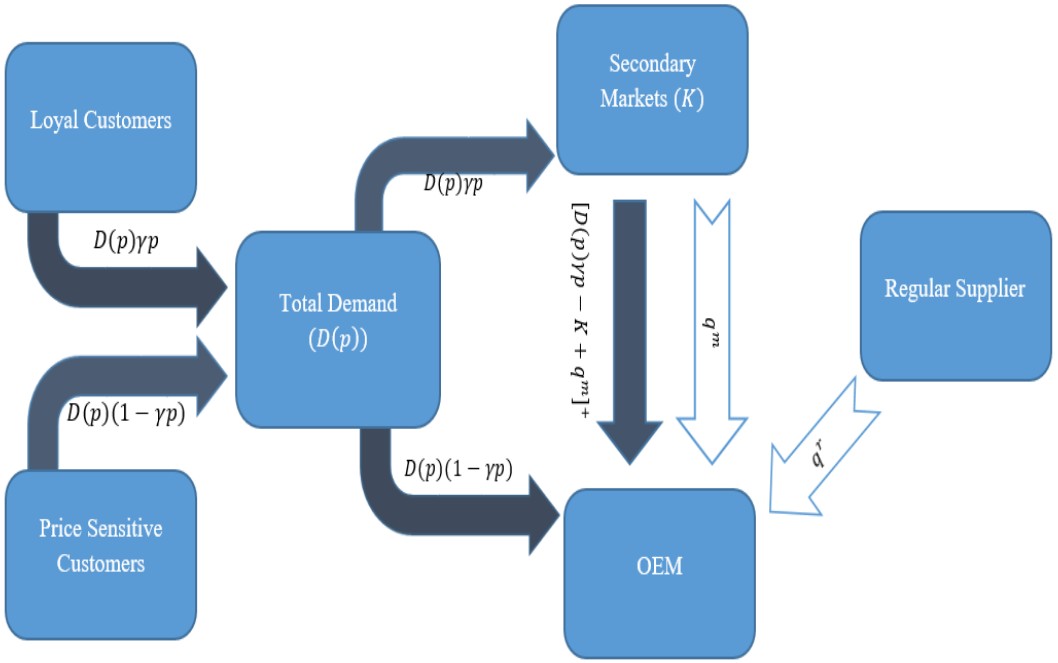

Figure 3.2: Supply Chain of the OEM in Existence of Secondary Market (Scenario 1)

As seen in (3.2), ${}^{2}D_{tot}$ may vary according to K as in (3.1). The first row of (3.2) shows that K doesn't meet the total amount of PSC' demand. In this situation, the total amount of demand received by the OEM is the sum of the total amount of LC' demand, some or all of PSC' demand and the expectation value of ϵ. Some or all of PSC have to order from the OEM to meet their demand. The second row states that the OEM only receives LC' demand with the expectation value of ϵ as in 3.1.

Since there isn't any other factor that affect revenue except demand and price, the total revenue equals to $D_{tot}\, p$.

In our mathematical model, two supply sources are considered as the regular supplier and secondary markets. In the light of explanations given before, the OEM has to afford more cost when it purchases from the regular supplier where $c_m < c_r$. Hence, the total acquisition cost of regular supplier and secondary markets can be denoted by $(c_r\, q^r + c_m\, q^m)$.

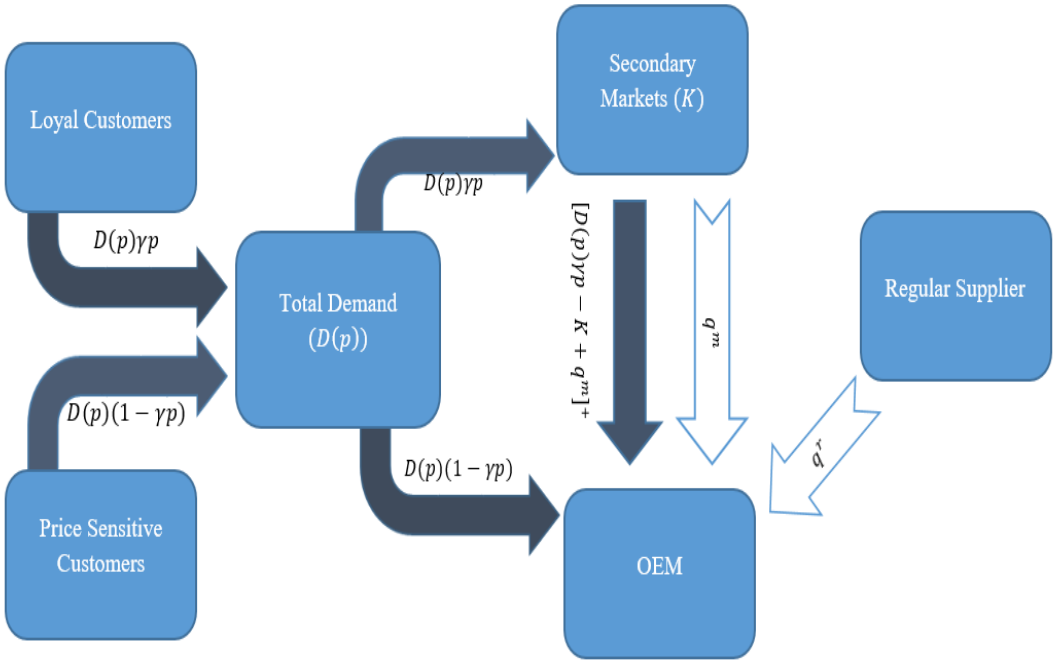

Figure 3.3: Supply Chain of the OEM in Existence of Secondary Market (Scenario 2)

A positive y value expresses the fact that the OEM had to undertake holding cost in the previous period. Holding cost is the total cost of keeping excess inventory at the end of the period. Holding cost is calculated with multiplying the left-over stock at the end of the period by holding cost rate per unit which is denoted by h. The situation which y is equal to zero indicates that the OEM doesn't have any left-over stock remaining from the previous period.

At the end of the period another probable case is that the OEM may not be able to meet all demand ordered by customers. In this case a shortage of product occurs and deficient demand is backlogged and as a consequence this results in backlog cost. The OEM has to shoulder backlog cost for every unit of not met demand based on backlog cost rate per unit which is denoted by b.

For simplifying mathematical models we address the inventory amount at the end of the period as w which is given below:

$$w = y + q^m + q^r - D_{tot} \,. \tag{3.3}$$

At the end of the period, the amount of expected inventory after the total amount of demand received is calculated with terms $[w-\epsilon]^+$ and $[\epsilon-w]^+$ where ϵ represents an additive random variable. Multiplying $[w-\epsilon]^+$ and $[\epsilon-w]^+$ by h and b respectively, reveals the expected value of holding and backlog costs.

Mathematical expression of total expected cost is given in (3.4), where terms stand for acquisition cost from secondary market and regular supplier, expected holding and backlog costs respectively:

$$c_m q^m + c_r q^r + h[w-\epsilon]^+ + b[\epsilon-w]^+ \,. \tag{3.4}$$

Profit function (P) can be written as follows:

$$\begin{aligned} &\max_{(p,q^m,q^r)\in F} H(K,y,p,q^m,q^r), \\ H(K,y,p,q^m,q^r) &= E\left[D_{tot}p - c_m q^m - c_r q^r - h[w-\epsilon]^+ - b[\epsilon-w]^+\right], \end{aligned} \tag{3.5}$$

where D_{tot} may vary depending on (3.1) and (3.2).

Our preliminary analysis reveals non-concavity of $H(K,y,p,q^m,q^r)$ in (p,q^m,q^r). To overcome this technical problem, we employ a transformation in demand function $D(p)$. Considering $d(p)=\alpha e^{-\beta p}$, where α refers to the value of total market size, when some manipulations are done p is as follows:

$$p = \frac{1}{\beta} ln(\frac{\alpha}{d}). \tag{3.6}$$

$r(d)$, d, γ , β and α stand for the revenue function of demand, the sum of the OEM's and LC' demand amounts, the demand split rate, the customer preferences rate according to price and the value of total market size respectively in (3.7). The revenue function can be written as follows:

$$r(d) = d\frac{1}{\beta}(ln(\frac{\alpha}{d})). \tag{3.7}$$

In the view of (3.6) and (3.7), the amount of LC' and PSC' demand can be expressed with $\left(d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))\right)$ and $\left(d(\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))\right)$ respectively.

Thus, the revenue function of LC' demand (${}^{lc}r(d)$)and the revenue function of PSC' demand (${}^{psc}r(d)$) can be written as follows:

$$\begin{aligned} {}^{LC}r(d) &= \left(d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))\right)\left(\frac{1}{\beta}ln(\frac{\alpha}{d})\right), \\ {}^{PSC}r(d) &= \left(d(\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))\right)\left(\frac{1}{\beta}ln(\frac{\alpha}{d})\right). \end{aligned} \tag{3.8}$$

The maximization problem is shown in (3.9):

$$\begin{aligned} &\max_{(d,q^m,q^r)\in F} H(K,y,d,q^m,q^r), \\ &H(K,y,d,q^m,q^r) = E[D_{tot}\frac{1}{\beta}ln(\frac{\alpha}{d}) - c_m q^m - c_r q^r - h[w-\epsilon]^+ - b[\epsilon-w]^+], \end{aligned} \tag{3.9}$$

where

$$F = \{(d,q^m,q^r) \in \mathbb{R}^3 : d \geq 0; K \geq 0; K \geq q^m; q^m \geq 0; q^r \geq 0\}. \tag{3.10}$$

In the maximization problem (3.9), the first term denotes the value of expected total revenue, the second and the third terms denote the acquisition cost of secondary markets and the regular supplier respectively and the fourth and the fifth terms express the value of expected holding and backlog costs. The fact, which should be taken into account, is that these constraints define all solution space of the maximization problem and in the next sections all constraints will be designed in compliance with scenarios.

In the following sections the maximization problems will be elaborated with different scenarios (based on the access priority of the OEM to secondary markets in comparison with PSC) in detail We will analyze the maximization problems with their demand models, propose the profit functions and will give the mathematical analyses of them.

3.3 Scenario 1: OEM Access Secondary Market First (The Problem 1)

As expressed in (3.1), there are two situations those reveal that the OEM may receive different amounts of demand. In Scenario 1, the OEM has a head start opportunity for the trade which described before. This ensures the OEM to procure orders with lower prices from secondary markets. The OEM's procurement from secondary markets before PSC may result in insufficiency of the secondary markets inventory level to meet PSC' demand. This situation gives an opportunity to the OEM to gain some of PSC' demand. By applying the clearing market strategy, which expresses purchasing all the products on secondary market, the OEM may receive all of PSC' demand which can not be met by secondary markets.

Another case is that after procurement of the OEM from secondary markets, there can be sufficient amount of the inventory to meet PSC' demand. Thus, OEM can't receive PSC' demand.

Considering (3.6) in the previous section, we can employ a transformation in demand function $D(p)$. So the maximization problem $P1$ can be written as given below:

$$\begin{gathered}\mathbf{P1}: \quad \max_{(d,q^m,q^r)\in F} H^1(K,y,d,q^m,q^r),\\ H^1(K,y,d,q^m,q^r) = E[([d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))] + [d\frac{\gamma}{\beta}ln\frac{\alpha}{d} - K + q^m]^+ + \epsilon)(\frac{1}{\beta}ln(\frac{\alpha}{d}))-\\ c_m q^m - c_r q^r - h[w-\epsilon]^+ - b[\epsilon - w]^+],\end{gathered} \tag{3.11}$$

where the feasible set and the constraints are the same as (3.10). In this section two different cases (based on the OEM receives PSC' demand or not) are elaborated in detail as the $P1.1$ and the $P1.2$.

3.3.1 The OEM Receives Price Sensitive Customers' Demand (The Problem 1.1)

In the $P1.1$, the situation is elaborated in which the OEM can access secondary markets before PSC at the beginning of the interval and be able to gain some demand of PSC.

3.3.1.1 Demand Model

If the OEM has a chance to access priority to secondary markets, it prefers to procure from secondary markets to benefit from lower prices. As explained in Section (3.1), after the OEM' procurement from secondary markets, the inventory level on secondary market will be $(K - q^m)$.

According to the settlement of this case, PSC' demand must be greater than $K - q^m$ to be received some or all of PSC' demand by OEM. Considering (3.6) and (3.7), the demand split equation of the Scenario 1 is given below:

$$^1D_{tot} = \begin{cases} d - K + q^m + \epsilon, & if\ d(\frac{\gamma}{\beta} ln(\frac{\alpha}{d}) > K - q^m, \\ d(1 - \frac{\gamma}{\beta} ln(\frac{\alpha}{d}) + \epsilon, & otherwise. \end{cases} \tag{3.12}$$

where the first row of the equation expresses the case in which OEM gains some or all PSC' demand $(P1.1)$, the second row of equation expresses the case in which the OEM has only LC' demand $(P1.2)$.

After the OEM's procurement from secondary markets before PSC, the amount bought by PSC from secondary markets can't excess $K - q^m$. So PSC' demand received by the OEM can be expressed with $[d\frac{\gamma}{\beta} ln\frac{\alpha}{d} - K + q^m]^+$. In order to evaluate this scenario $(K - q^m - d\frac{\gamma}{\beta} ln\frac{\alpha}{d} < 0)$ inequality must be taken into account too.

3.3.1.2 Profit Function

The maximization problem $P1.1$ is given below:

$$\mathbf{P1.1}: \max_{(d,q^m,q^r)\in F} H^{1.1}(K,y,q^m,q^r,d),$$
$$H^{1.1}(K,y,q^m,q^r,d) = E[([d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))] + [d\frac{\gamma}{\beta}ln\frac{\alpha}{d} - K + q^m]^+ + \epsilon) -$$
$$c_m q^m - c_r q^r - h[y + q^m + q^r + K - d - \epsilon]^+ - b[\epsilon - y - q^m - q^r - K + d]^+]. \tag{3.13}$$

Total demand amount received by OEM in $P1.1$, which is denoted by ${}^{1.1}D_{tot}$, is given below:

$${}^{1.1}D_{tot} = d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d})) + [d\frac{\gamma}{\beta}ln\frac{\alpha}{d} - K + q^m]^+ + \epsilon. \tag{3.14}$$

With regarding $E[\epsilon] = 0$, for simplifying problem,

$${}^{1.1}D_{tot} = d - K + q^m. \tag{3.15}$$
$$w = (y + q^m + q^r - {}^{1.1}D_{tot}) = (y + q^r - d + K). \tag{3.16}$$

$$H^{1.1}(K,y,q^m,q^r,d) = E[(d-K+q^m)(\frac{1}{\beta}ln(\frac{\alpha}{d})) - c_m q^m - c_r q^r - h[w-\epsilon]^+ - b[\epsilon - w]^+]. \tag{3.17}$$

where,

$$F = \{(d,q^m,q^r) \in \mathbb{R}^3 : d \geq 0; K \geq q^m; q^m \geq 0; q^r \geq 0; d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) > K - q^m\}. \tag{3.18}$$

As explained before, five constraints given above refer to non-negativity of the total amount of PSC' and LC'demand, capacity constraint of secondary markets, non-negativity constraint of the amount of product purchased from secondary markets, non-negativity constraint of the amount of product purchased from the regular supplier and the total amount of PSC' demand must be greater than

the OEM's procurement from secondary markets at the beginning of the period relatively.

3.3.1.3 Mathematical Analysis

In nonlinear programming Karush-Kuhn-Tucker (KKT) Conditions are used frequently to examine optimization problems.

Lemma 3.1. *The following statements hold.*
(a) F is a convex set of (d,q^r and q^m),
(b) $H^{1.1}(K, y, q^m, q^r, d)$ is not a concave function in (d, q^m, w).

Due to the non-concave function $H^{1.1}(K, y, q^m, q^r, d)$, we will evaluate the optimal d, q^m, q^r using brutal force (exhaustive) search in Chapter 4.

3.3.2 The OEM Doesn't Receive Price Sensitive Customers' Demand (The Problem 1.2)

In the $P1.2$ the case is handled in which after the OEM's procuring from secondary markets, the amount of products on secondary market can meet the total amount of PSC' demand, hence the OEM receives only PSC' demand.

3.3.2.1 Demand Model

As explained in (3.12), $(K - q^m \geq d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))$ inequality must be hold where the OEM can receive only LC' demand. This case reveals that the total amount of demand received by the OEM must correspond to $[D(p)(1 - \gamma p) + \epsilon]$. Thus,; total demand amount received by OEM in $P1.2$, which is denoted by ${}^{1.2}D_{tot}$, is given below:

$$ {}^{1.2}D_{tot} = d(1 - \frac{\gamma}{\beta}ln(\frac{\alpha}{d})). \tag{3.19}$$

3.3.2.2 Profit Function

The maximization problem $P1.2$ is given below:

$$\begin{aligned} \mathbf{P1.2}: \quad & \max_{(d,q^m,q^r)\in F} H^{1.2}(K,y,q^m,q^r,d), \\ H^{1.2}(K,y,q^m,q^r,d) = E[(d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d})+\epsilon))(\frac{1}{\beta}\ln(\frac{\alpha}{d})) - c_m q^m - c_r q^r, \\ -h[y+q^m+q^r-{}^{1.2}D_{tot}-\epsilon]^+ - b[\epsilon-y-q^m-q^r+{}^{1.2}D_{tot}]^+]. \end{aligned} \tag{3.20}$$

where

$$F = \{(d,q^m,q^r)\in\mathbb{R}^3 : d\geq 0; q^m\geq 0; q^r\geq 0; K\geq q^m; K-q^m\geq d\frac{\gamma}{\beta}ln(\frac{\alpha}{d})\}. \tag{3.21}$$

In 3.21 the fourth constraint stands for the mount of inventory on secondary markets after the OEM's procuring is greater than or equal to PSC' demand which provides PSC to meet their demand from secondary markets. The rest of constraints explanations are omitted since they are given in (3.18) .

3.3.2.3 Mathematical Analysis

Lemma 3.2. *F is not a convex set of (d, q^m, q^r).*

Non-convexity of constraint set F makes this profit function impractical to examine with mathematical methods. This maximization problem will be evaluated using brutal force (exhaustive) search in Chapter 4.

3.4 Scenario 2: Price Sensitive Customers Access Secondary Market First (The Problem 2)

In the $P2$, PSC can access secondary markets before the OEM at the beginning of the period contrary to the $P1$. We will analyze the maximization problem by splitting the feasible set into two as in the previous section.

One of the probable cases in the $P2$ is that the inventory amount on secondary markets may not meet PSC' demand. Hence, PSC have to order from the OEM. The beneficial side of this situation is that the OEM can receive order from PSC, on the other hand the drawback of this situation is that the OEM can't purchase products from secondary markets with lower prices. All amount of the inventory on secondary markets must be purchased by PSC to showing up this case. This situation will be elaborated as the $P2.1$.

Another case is that secondary markets can meet PSC' demand and may still have excess inventory. The advantage of this situation is that the OEM may purchase from secondary markets with lower prices if there is some excess inventory. The disadvantage of this situation is that the OEM can't sell any product to PSC. This case will be elaborated as the $P2.2$.

Recall explanations in Section 3.2 with regarding (3.6).Therefore, we can employ a transformation in demand function $D(p)$. The maximization problem $P2$ is given below:

$$\begin{aligned} \mathbf{P2}: \quad & \max_{(d,q^m,q^r)\in F} H^2(K,y,d,q^m,q^r), \\ H^2(K,y,d,q^m,q^r) = E[([d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))] + [d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}-K)]^+ + \epsilon)(\frac{1}{\beta}ln(\frac{\alpha}{d}))- \\ c_m q^m - c_r q^r - h[w-\epsilon]^+ - b[\epsilon - w]^+], \end{aligned} \tag{3.22}$$

where the feasible set and the constraints are the same as (3.10).

Before examining these cases, it should be regarded that advantages and disadvantages mentioned above are superficial assessments. So these determinations should be regarded as unreliable until mathematical analyzing has done.

3.4.1 The OEM Receives Price Sensitce Customers' Demand (The Problem 2.1)

In the $P2.1$, the OEM receives some amount of PSC' demand although PSC have priority to access secondary markets.

3.4.1.1 Demand Model

Although some of PSC are able to procure their demand from secondary markets depending on the value of K, some of them have to order from the OEM.

In the light of explanations given in Section 3.2, the total amount of demand received by the OEM in the Scenario 2 is given below:

$$^2D_{tot} = \begin{cases} d - K + \epsilon, & if\ d(\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) < K, \\ d(1 - \frac{\gamma}{\beta}ln(\frac{\alpha}{d}) + \epsilon, & otherwise. \end{cases} \tag{3.23}$$

where the first row of the equation stands for that the OEM gains some or all PSC' demand ($P2.1$) , the second row of the equation stands for that the OEM receives only LC' demand ($P2.2$). As in the previous sections $^2D_{tot}$ may vary according to total amount of products on secondary markets. For more explanation about (3.23) readers may refer Section (3.2).

In this case the inventory amount on secondary markets must be strictly less than total PSC' demand. Thus,

$$d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) > K. \tag{3.24}$$

($d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) > K$) inequality and PSC' priority to access secondary markets lead the value of q^m equals to zero, because PSC are able to purchase from secondary markets until all products on secondary markets run out thanks to their priority to access secondary markets. This feature of the case $P2.1$ transforms this case into a single sourcing problem for the OEM.

This implies that the OEM may receive some of PSC' demand where,

$$^{2.1}D_{tot} = d(1 - \frac{\gamma}{\beta}ln(\frac{\alpha}{d})) + [d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) - K]^{+}. \tag{3.25}$$

3.4.1.2 Profit Function

The maximization problem $P2.1$ is given below:

$$\begin{gathered}\mathbf{P2.1}: \quad \max_{(d,q^m,q^r)\in F} E[H^{2.1}(K,y,d,q^m,q^r)],\\ H^{2.1}(K,y,d,q^m,q^r) = ([d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))] + [d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}-K)]^{+} + \epsilon)(\frac{1}{\beta}ln(\frac{\alpha}{d}))-\\ c_r q^r - h[y+q^r+K-d-\epsilon]^{+} - b[\epsilon - y - q^r - K + d]^{+}.\end{gathered} \tag{3.26}$$

By employing a transformation to simplify problem:

$$w = (y + q^r + K - d). \tag{3.27}$$

$$\begin{gathered}\mathbf{P2.1}: \quad \max_{(d,q^m,q^r)\in F} H^{2.1}(K,y,d,q^m,q^r),\\ H^{2.1}(K,y,d,q^m,q^r) = E[([d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))] + [d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) - K]^{+} + \epsilon)(\frac{1}{\beta}ln(\frac{\alpha}{d}))-\\ c_m q^m - c_r q^r - h[w-\epsilon]^{+} - b[\epsilon - w]^{+}].\end{gathered} \tag{3.28}$$

where,

$$F = \{(d, q^r.q^m) \in \mathbb{R}^3 : d \geq 0; d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) \geq K; K \geq 0; q^r \geq 0; q^m = 0\}. \tag{3.29}$$

In 3.28, q^m is set to zero since there isn't any left over stock on secondary markets and the OEM can't purchase any product from secondary markets. This condition is also shown in the fifth constraint of (3.29). The second constraint in (3.29) refers

to the capacity constraint of secondary markets. Due to similarity of the previous maximization problems, the rest of constraint explanations is omitted.

3.4.1.3 Mathematical Analysis

Lemma 3.3. *The following statements hold.*
(a) $H^{2.1}(K, y, d, q^m, q^r)$ *is jointly concave in* d, q^r *and* q^m.
(b) F *is a convex set of* (d, q^r,q^r).

Proof of Lemma 3.3 is given in Appendix. Since F is convex set and $H^{2.1}(K, y, d, q^m, q^r)$ is a concave function we apply KKT conditions for the maximization problem $P2.1$.

Analysis of the P2.1 using KKT Conditions:
To overcome complexity of the problem, we employ a transformation in order to simplify analytically evaluation. Where,

$$w = (y + q^r + K - d). \tag{3.30}$$

$$\underset{(d,q^m,w)}{\text{maximize}} \quad H^{2.1}(K, y, d, q^m, w) \tag{3.31}$$

$$\begin{aligned} H^{2.1}(K, y, d, q^m, w) = \frac{1}{\beta} ln(\frac{\alpha}{d})(d - K + (\int_{s=-\infty}^{\infty} \epsilon\phi(s)ds)) - c_r(w + d - y - K) - \\ h(\int_{s=-\infty}^{w} (w - \epsilon)\phi(s)ds) - b(\int_{s=w}^{\infty} (\epsilon - w)\phi(s)ds) \end{aligned} \tag{3.32}$$

$$\begin{aligned} \text{subject to} \quad & -d \leq 0 \\ & -d\frac{\gamma}{\beta} ln(\frac{\alpha}{d}) \leq -K \\ & -K \leq 0 \\ & -w - d + y + K \leq 0 \end{aligned} \tag{3.33}$$

Langrangian function is given below:

$$L(d,w,\lambda_1,\lambda_2,\lambda_3) = \frac{1}{\beta}ln(\frac{\alpha}{d})[d-K+(\int_{-\infty}^{\infty}\epsilon\phi(s)ds)] - c_r(w+d-y-K)$$
$$-h(\int_{s=-\infty}^{w}(w-\epsilon)\phi(s)ds) - b(\int_{s=w}^{\infty}(\epsilon-w)\phi(s)ds) + \lambda_1(d) + \lambda_2(d\frac{\gamma}{\beta}ln(\frac{\alpha}{d})-K)+$$
$$\lambda_3(w+d-y-K). \quad (3.34)$$

With taking first partial derivatives KKT conditions are:

$$\frac{\partial L}{\partial d} = \frac{1}{\beta}(-1+ln(\frac{\alpha}{d})+\frac{K}{d}) - c_r + h(\int_{s=-\infty}^{w}\phi(s)ds) - b(\int_{s=w}^{\infty}\phi(s)ds) + \lambda_1+$$
$$\lambda_2(\frac{\gamma}{\beta}ln(\frac{\alpha}{d})-\frac{\gamma}{\beta}) + \lambda_3 = 0. \quad (3.35)$$

$$\frac{\partial L}{\partial w} = -c_r - h(\int_{s=-\infty}^{w}\phi(s)ds) + b(\int_{s=w}^{\infty}\phi(s)ds) + \lambda_3 = 0. \quad (3.36)$$

Primal feasibility conditions are given below:

$$-d \leq 0. \quad (3.37)$$
$$K-\frac{\gamma}{\beta}dln(\frac{\alpha}{d}) \leq 0. \quad (3.38)$$
$$-w-d+y+K \leq 0. \quad (3.39)$$

Complementary slackness conditions are given below:

$$\lambda_1(d) = 0. \quad (3.40)$$
$$\lambda_2(d\frac{\gamma}{\beta}ln(\frac{\alpha}{d})-K) = 0. \quad (3.41)$$
$$\lambda_3(w+d-y-K) = 0. \quad (3.42)$$

Dual feasibility conditions are given below:

$$\lambda_1,\lambda_2,\lambda_3 \geq 0. \quad (3.43)$$

Evaluation of KKT Conditions for the P2.1

For solving the maximization problem **8** different cases are examined respectively. In order to provide notational brevity while evaluating this problem $h(\int_{\epsilon=-\infty}^{w}\phi(\epsilon)d\epsilon)$ and $b(\int_{\epsilon=w}^{\infty}\phi(\epsilon)d\epsilon)$ will be denoted by $hF(w)$ and $b(1-F(w))$ respectively.

Case 1: $\lambda_1 > 0$, $\lambda_{2,3} = 0$.

When $\lambda_1 > 0 \Longrightarrow d = 0$ since $\lambda_1(d) = 0$.

$$\frac{\partial L}{\partial d} = \frac{1}{\beta}(-1 + ln(\frac{\alpha}{d}) + \frac{K}{d}) - c_r + 2F(w) - 1 + \lambda_1 = 0 \tag{3.44}$$

When $d = 0$

$$\frac{\partial L}{\partial d} = \frac{1}{\beta}(-1 + ln(\frac{\alpha}{0}) + \frac{K}{0}) - c_r + 2F(w) - 1 + \lambda_1 = 0 \tag{3.45}$$

$\frac{\alpha}{0}$ and $\frac{K}{0}$ are undefined.It can be seen easily that when $\lambda_1 > 0$ and $d = 0$; $\frac{\partial L}{\partial d}$ is undefined. So from now on we won't evaluate cases in which $\lambda_1 > 0$.

Case 2: $\lambda_{1,3} = 0$, $\lambda_2 > 0$

$$\frac{\partial L}{\partial w} = -c_r - h(F(w)) + b(1 - F(w)) = 0. \tag{3.46}$$

$$c_r = b - (h + b)F(w). \tag{3.47}$$

$$F(w) = \frac{b - c_r}{(h + b)} \Rightarrow w^* = F^{-1}(\frac{b - c_r}{(h + b)}). \tag{3.48}$$

Since $\lambda_2(d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) - K) = 0$; when $\lambda_2 > 0$, $(d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) - K) = 0$. So $\frac{K}{d} = \frac{\gamma}{\beta}ln(\frac{\alpha}{d})$. Hence, $d^* = \dfrac{K}{\frac{\gamma}{\beta}ln(\frac{\alpha}{d^*})}$.

$$\frac{\partial L}{\partial d} = -\frac{1}{\beta} + \frac{K}{\gamma d} + \frac{K}{\beta d} - c_r + (h + b)F(w) - b + \lambda_2(\frac{K}{d} - \frac{\gamma}{\beta}) = 0. \tag{3.49}$$

$$\frac{K}{\gamma d} + \frac{K}{\beta d} + \frac{\lambda_2 K}{d} = \frac{1}{\beta} + c_r - b + c_r + b + \lambda_2\frac{\gamma}{\beta}. \tag{3.50}$$

$$d^* = \frac{K\beta + K\gamma + K\lambda_2\gamma\beta}{\gamma + 2\gamma\beta c_r + \lambda_2\gamma^2}. \tag{3.51}$$

$$\lambda_2 = \frac{-1}{\gamma} + \frac{2d\beta c_r - K}{K\beta - d^*\gamma}. \tag{3.52}$$

Case 3: $\lambda_1 = 0$ and $\lambda_{2,3} > 0$

$$\frac{\partial L}{\partial q^m} = -c_r + b - (h+b)F(w) + \lambda_3 = 0. \tag{3.53}$$

$$c_r = b - (h+b)F(w) + \lambda_3. \tag{3.54}$$

$$F(w) = \frac{b - c_r + \lambda_3}{(h+b)} \Rightarrow w^* = F^{-1}(\frac{b - c_r + \lambda_3}{(h+b)}). \tag{3.55}$$

Since $\lambda_2(dln(\frac{\alpha}{d}) - K) = 0$; when $\lambda_2 > 0$, $(d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) - K) = 0$. So $\frac{K}{d} = \frac{\gamma}{\beta}ln(\frac{\alpha}{d})$. Also $\lambda_3(w + d - y - K) = 0$; when $\lambda_3 > 0$, $(w + d - y - K) = 0$. Thus, $w^* = (K + y - d^*)$. Remember that $q^r = w + d - y - K$ so $q^r = 0$.

$$\frac{\partial L}{\partial d} = -\frac{1}{\beta} + \frac{K}{\gamma d} + \frac{K}{\beta d} - c_r + (h+b)F(w) - b + \lambda_2(\frac{K}{d} - \frac{\gamma}{\beta}) + \lambda_3 = 0. \tag{3.56}$$

$$\frac{K}{\gamma d} + \frac{K}{\beta d} + \frac{\lambda_2 K}{d} = \frac{1}{\beta} + 2c_r + \lambda_2\frac{\gamma}{\beta} + 2\lambda_3. \tag{3.57}$$

$$d^* = \frac{K\beta + K\gamma + K\lambda_2\gamma\beta}{\gamma + 2\gamma\beta c_r + \lambda_2\gamma^2 + 2\gamma\beta\lambda_3}. \tag{3.58}$$

$$\lambda_2 = \frac{-1}{\gamma} + \frac{2d\beta c_r - K + 2d\beta\lambda_3}{K\beta - d^*\gamma}. \tag{3.59}$$

$$\lambda_3 = \frac{\lambda_2(K\beta - d^*\gamma)}{2d^*\beta} + \frac{K - dc_r}{2d^*\gamma} + \frac{K - d}{2d\beta}. \tag{3.60}$$

Case 4: $\lambda_{1,2} = 0$ and $\lambda_3 > 0$.

Since $\lambda_3(w+d-y-K) = 0$; when $\lambda_3 > 0$, $(w+d-y-K) = 0$. So $w^* = (K+y-d^*)$. Since $q^r = w + d - y - K$ thus $q^r = 0$.

$$\frac{\partial L}{\partial w} = -c_r + b - (h+b)F(w) + \lambda_3 = 0 \tag{3.61}$$

$$F(w) = \frac{b - c_r + \lambda_3}{(h+b)} \Rightarrow w^* = F^{-1}(\frac{b - c_r + \lambda_3}{(h+b)}) \tag{3.62}$$

$$\frac{\partial L}{\partial d} = \frac{1}{\beta}(-1 + ln(\frac{\alpha}{d}) + \frac{K}{d}) - c_r + (h + b)F(w) - b + \lambda_3 = 0 \quad (3.63)$$

$$\frac{1}{\beta}ln(\frac{\alpha}{d}) + \frac{1}{\beta}\frac{K}{d} = \frac{1}{\beta} + 2c_r - 2\lambda_3. \quad (3.64)$$

$$ln(\frac{\alpha}{d^*}) + \frac{K}{d^*} = 1 + 2\beta c_r - 2\beta\lambda_3. \quad (3.65)$$

$$\lambda_3 = \frac{-ln(\frac{\alpha}{d^*}) - \frac{K}{d^*} + 1 + 2\beta c_r}{2\beta}. \quad (3.66)$$

Case 5: $\lambda_{1,2,3} = 0$.

$$\frac{\partial L}{\partial w} = -c_r - h(F(w)) + b(1 - F(w)) = 0. \quad (3.67)$$

$$c_r = b - (h + b)F(w). \quad (3.68)$$

$$F(w) = \frac{b - c_r}{(h + b)} \Rightarrow w^* = F^{-1}(\frac{b - c_r}{(h + b)}). \quad (3.69)$$

$$\frac{\partial L}{\partial d} = \frac{1}{\beta}(-1 + ln(\frac{\alpha}{d}) + \frac{K}{d}) - c_r + (h + b)F(w) - b = 0 \quad (3.70)$$

$$\frac{1}{\beta}ln(\frac{\alpha}{d}) + \frac{1}{\beta}\frac{K}{d} = \frac{1}{\beta} + 2c_r. \quad (3.71)$$

$$ln(\frac{\alpha}{d^*}) + \frac{K}{d^*} = 1 + 2\beta c_r. \quad (3.72)$$

Cases	Solutions	Conditions	Feasibility Conditions
Case 2	$d^* = \frac{K\beta + K\gamma + K\lambda_2\gamma\beta}{\gamma + 2\gamma\beta c_r + \lambda_2\gamma^2}$ $w^* = F^{-1}(\frac{b - c_r}{h + b})$ $\lambda_2 = \frac{-1}{\gamma} + \frac{2d\beta c_r - K}{K\beta - d^*\gamma}$	$\lambda_{1,3} = 0,\ \lambda_2 > 0$ $d^* = \frac{\gamma}{\beta}\frac{K}{ln(\frac{\alpha}{d^*})}$	$-d \leq 0$ $K - d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) \leq 0$ $-w - d + y + K \leq 0$
Case 3	$d^* = \frac{K\beta + K\gamma + K\lambda_2\gamma\beta}{\gamma + 2\gamma\beta c_r + \lambda_2\gamma^2 + 2\gamma\beta\lambda_3}$ $w^* = (K + y - d^*)$ $q^{r*} = 0$ $\lambda_2 = \frac{-1}{\gamma} + \frac{2d\beta c_r - K + 2d\beta\lambda_3}{K\beta - d^*\gamma}$ $\frac{\lambda_2(K\beta - d^*\gamma)}{2d^*\beta} + \frac{K - dc_r}{2d^*\gamma} + \frac{K - d}{2d\beta}$	$\lambda_1 = 0$ and $\lambda_{2,3} > 0$ $c_r = b - (h + b)F(w) + \lambda_3$	
Case 4	$ln(\frac{\alpha}{d^*}) + \frac{K}{d^*} = 1 + 2\beta 2c_r - 2\beta\lambda_3)$ $w^* = (K + y - d^*)$ $q^{r*} = 0$ $\lambda_3 = \frac{-ln(\frac{\alpha}{d^*}) - \frac{K}{d^*} + 1 + 2\beta c_r}{2\beta}$	$\lambda_{1,2} = 0$ and $\lambda_3 > 0$ $q^r = (w + d - y - K) = 0$ $F(w) = \frac{b - c_r}{(h + b)}$	
Case 5	$ln(\frac{\alpha}{d^*}) + \frac{K}{d^*} = 2c_r\beta + 1$ $w^* = F^{-1}(\frac{b - c_r}{(h + b)})$	$\lambda_{1,2,3} = 0$ $c_r = b - (h + b)F(w)$ $F(w) = \frac{b - c_r}{(h + b)}$	

Table 3.2: The Problem 2.1 KKT Condition Solutions.

3.4.2 The OEM Doesn't Receive Price Sensitive Customers' Demand (The Problem 2.2)

As explained in Section 3.4, in $P2.2$ PSC can access secondary markets before the OEM and they can meet their demands from secondary markets. The OEM can receive only the demand of LC.

3.4.2.1 Demand Model

In this case the OEM may have chance to procure LC' orders from secondary markets after PSC' procurement if secondary markets have still excess inventory. With regarding (3.23) and explanations mentioned above in $P2.2$ the total amount of demand received by the OEM is given below.

$$^{2.2}D_{tot} = (d(1 - \frac{\gamma}{\beta} ln(\frac{\alpha}{d}))). \tag{3.73}$$

In this case there is another issue that has to be considered the excess/insufficient inventory where w and ϵ are used for formulating. As explained before while calculating expectation of excess/insufficient inventory y, q^m and q^r are taken into consideration for total purchased inventory in w. For defining definitive result of w, $^{2.2}D_{tot}$ must be subtracted from OEM's total inventory. This makes $P2.2$ more complicated than former cases.

$$w = (y + q^m + q^r - ^{2.2} D_{tot}). \tag{3.74}$$

3.4.2.2 Profit Function

The maximization problem $P2.2$ is given below:

$$\mathbf{P2.2}: \max_{(d,q^m,q^r)\in F} H^{2.2}(K,y,d,q^m,q^r),$$
$$H^{2.2}(K,y,d,q^m,q^r) = E[d(1-\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))+\epsilon](\frac{1}{\beta}ln(\frac{\alpha}{d}))-c_m q^m - c_r q^r - \quad (3.75)$$
$$h[w-\epsilon]^+ - b[\epsilon - w]^+],$$

where,

$$F\{(d,q^m,q^r)\in\mathbb{R}^3 : d>0; K\geq q^m\geq 0; q^r\geq 0; K\geq \frac{\gamma}{\beta}d(ln(\frac{\alpha}{d}))\geq 0\}. \quad (3.76)$$

In accordance with problem assumption the constraints of the maximization problem $P2.2$ is shown above. The second constraint refer to the purchasing amount from secondary markets can't exceed K, the fourth constraint denotes that PSC' demand can't exceed K The rest of constraints is not omitted since they are explained in the previous section.

3.4.2.3 Mathematical Analysis

Lemma 3.4. *The following statements hold.*
(a) $H^{2.2}(K,y,d,q^m,q^r)$ *is not concave in (d,* q^r*,* w*).*
(b) F *is not a convex set of (d,*q^m *and* q^r*).*

Since this lemma is similar to the previous lemmas, proof of Lemma 3.4 is omitted. Due to non-cave function and non-convex set, we will elaborate optimal d, q^m and q^r using brutal force search in Section 4.

Chapter 4

Numerical Experiments

4.1 Experimental Setup

In this Chapter, brutal force (exhaustive) search algorithm is applied to evaluate the mathematical models beside using some mathematical algorithms. Due to some profit functions don't hold concavity, using analytical methods is impractical to find the global optimum. So a test bed is created for examining the profit functions.

Before explaining the test bed some important equations about price and demand correlation are given below:

$$d(p) = \alpha e^{-\beta p}, \tag{4.1}$$

$$p(d) = \frac{1}{\beta} ln(\frac{\alpha}{d}). \tag{4.2}$$

In (4.1), α denotes the maximum market capacity and β denotes the customer preferences rate according to price which are very important for evaluating the functions as explained in the previous section.

(4.1) and (4.2) is used for constituting the test bed. As known in the inventory theory, price and demand usually show opposite attitudes, which also is shown graphically in Figure 3.1.

In consideration with issues explained about price and demand correlation, it is clear that there is a maximum price for every product in order to afford them.

d^0	:maximum amount of demand.
d^{min}	:minimum amount of demand.
p^0	:maximum price.
p^{min}	:minimum price.
cf	:critical fractile.
ha	:expectation value of excessive inventory amount at the end of the period.
ba	:expectation value of insufficient inventory amount at the end of the period.
tcost	:total cost of the OEM.
psc	:total amount of PSC' demand.
rpsc	:total amount of PSC' demand that flows from secondary markets to the OEM.
lc	:total amount of LC' demand.
tdem	:total amount demand which flows to the OEM.
trev	:total revenue obtained by the OEM.
profit	:total profit.
pt	:scenario of problem.

Table 4.1: Notation in Respect of Numerical Experiments.

At the maximum price, the demand will be at its minimum level. In numerical experiments, the maximum demand is set to 100 which is denoted by d^0 and the minimum demand is set to 5 which is expressed with d_{min}. The maximum and the minimum prices are set to 100 and 0 which are denoted by p^0 and p_{min} respectively.

$$d(p) = \alpha e^{-\beta p}. \tag{4.3}$$

$$d_{min} = 5 = \alpha e^{-\beta p^0} = \alpha e^{-\beta 100}. \tag{4.4}$$

Considering (4.3), when the demand is maximized price will go to zero for $d_0 = 100$.

$$d_0 = 100 = \alpha e^{-\beta p_{min}}, \tag{4.5}$$

$$100 = \alpha e^{-\beta 0}, \tag{4.6}$$

$$\alpha = 100, \tag{4.7}$$

$$d_{min} = \alpha e^{-\beta 100}, \tag{4.8}$$

$$5 = \alpha e^{-\beta p^0} = 100 e^{-\beta 100}, \tag{4.9}$$

$$\beta = 0.029957323. \tag{4.10}$$

The critical fractile, a frequently used ratio in inventory models which obtained by dividing backlog cost by summation of backlog and holding cost, is given below:

$$cf = \frac{b}{b+h}. \tag{4.11}$$

In brutal force search 15 different values are used which are increasing by 0.01. The value of cf is used for determining different backlog cost values as shown in Table 4.2.

As seen in the previous parts, there are many constants and variables for examining maximization problems. Experiment factors used in numerical experiment are shown in Table 4.3 .

b	h	cf
34.00	6.00	0.85
36.86		0.86
40.15		0.87
44.00		0.88
48.55		0.89
54.00		0.9
60.67		0.91
69.00		0.92
79.71		0.93
94.00		0.94
114.00		0.95
144.00		0.96
194.00		0.97
294.00		0.98
594.00		0.99

Table 4.2: b, cf and h values table.

Another term used in analysis is the Clearing the Market Strategy (cms). This term expresses the situation that the OEM purchases all products on secondary

β	γ	α	K	y	c_m	c_r	h	cf
0.03	0.01	100	0	0	20	30	6	0.85
			5	1				0.86
			10	2				0.87
			15	3				0.88
			20	4				0.89
			⋮	⋮				⋮
			⋮	⋮				⋮
			45	12				0.96
			50	13				0.97
			55	14				0.98
			60	15				0.99

Table 4.3: Summary of Experiment Factors Consisting of the Test Bed.

markets. The OEM can carry out this strategy not only for providing products that it needs, but also not to let PSC to procure from secondary markets. Thus, the OEM can gain some or all of PSC' demand.

Profitability (pr) is also another aspect of analysis which denotes rate of profit over the gained total amount of revenue. It is usable to understand the effects of trade off between different parameter or variable values. Sometimes higher total demand values seem to be more profitable or procurement more than the total amount of demand seem like loss, but all these approaches can be misleading bias.

In the brutal force search algorithm integer values are used for q^m, q^r and d . In the next sections, some other results are used for clarifying tables.(ha) and (ba) refer to the expectation value of excess and insufficient inventory amount at the end of the period respectively. (hcost) and (bcost) denote the expectation value of holding and backlog cost at the end of the period in sequence.

(smc) and (rsc) denote the total amount of the OEM's acquisition cost from secondary markets and the regular supplier. (tcost) is the total cost of the OEM which equals to $(hcost + bcost + smc + rsc)$.

(psc), (rpsc), (lc) and (tdem) refer to the total amount of PSC' demand, the total amount of PSC' demand that flows from secondary markets to the OEM, the total amount of LC' demand and the total amount of demand received by the OEM ($rpsc + lc$) respectively.

(lcr) and (pscr) show the value of revenue from LC' demand sales obtained by the OEM and the value of value from PSC' demand sales obtained by the OEM. So (trev) expresses the total amount of revenue obtained by the OEM. ($lcr + pscr$). Lastly (profit) denotes the total amount of profit ($trev + tcost$) and (pt) refers to the scenario of the problem ($P1.1,\ P1.2,\ P2.1,\ P2.2$). By using (pt), better result giving subset of solution space can be clearly seen.

β, γ, α, c_m, c_r and h won't be indicated while analyzing the results of numerical experiments. Because in the numerical experiments these parameters are considered as constant values, and they have already given in Table 4.3.

A computer program developed in C++ programming language to evaluate maximization problems by using brutal force search. In the next sections, the analyzing results of the numerical experiments are given in detail.

4.2 Results of Analyzes

4.2.1 Analysis Results of the Problem 1

As explained in section 3.3 the Original Equipment Manufacturer (OEM) can access secondary markets before Price Sensitive Customers (PSC). In this scenario the OEM may purchase from secondary markets with lower prices to meet Loyal Customers' (LC) demand or the OEM may use this advantage to conduct the clearing market Strategy (cms). Therefore, the OEM can obtain some or all of PSC' demand for itself.

At the beginning of this analyzing section, a sample case is explained to make easier understanding problem's process for readers which is shown in Table 4.4.

If the forth row of Table 4.4 (maximum profit value given case for this sample case) examined there can be seen that cf is at lowest level. So we can claim that the value of b has the best value for the OEM. Hence, the OEM can overcome the cost of holding and backlog easily.

y	K	cf	q^m	cms	q^r	d	ha	ba	tcost	psc	rpsc	lc	tdem	p	trev	profit	pt	pr
4	0	0.85	0	YES	11	15.00	1.3	1.25	380.00	9.50	9.50	5.50089	15.00	63.33	949.91	569.91	p11	0.600
4	5	0.85	5	YES	6	15.00	1.3	1.25	330.00	9.50	9.50	5.50089	15.00	63.33	949.91	619.91	p11	0.653
4	10	0.85	10	YES	1	15.00	1.3	1.25	280.00	9.50	9.50	5.50089	15.00	63.33	949.91	669.91	p11	0.705
4	15	0.85	15	YES	0	19.00	1.3	1.25	350.00	10.53	10.53	8.46705	19.00	55.44	1053.29	703.30	p11	0.668
4	20	0.85	20	YES	0	24.00	1.3	1.25	450.00	11.43	11.43	12.5668	24.00	47.64	1143.32	693.32	p11	0.606
4	25	0.85	25	YES	0	28.00	1.8	0.80	538.00	11.90	11.90	16.1021	28.00	42.49	1189.79	651.79	p11	0.548
4	30	0.85	30	YES	0	32.00	2.5	0.45	630.00	12.17	12.17	19.8287	32.00	38.04	1217.13	587.13	p11	0.482
4	35	0.85	35	YES	0	36.00	3.2	0.20	726.00	12.28	12.28	23.7227	36.00	34.10	1227.73	501.73	p11	0.409
4	40	0.85	40	YES	0	40.00	4.1	0.05	826.00	12.23	12.23	27.7654	40.00	30.59	1223.46	397.46	p11	0.325
4	45	0.85	45	YES	0	44.00	5.0	0.00	930.00	12.06	12.06	31.9418	44.00	27.41	1205.82	275.82	p11	0.229
4	50	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
4	55	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
4	60	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225

Table 4.4: Result of Numerical Experiment for a sample case while K is increasing.

For this sample case at the beginning of the period the OEM is assumed to have the beginning inventory as $y = 4$. Having more inventory leads not to buy from secondary markets or the regular supplier thus, procurement cost may not be very high for the OEM. On the other side if the OEM prefers to carry out clearing market strategy having more beginning inventory may cause high holding cost values for the OEM. Converse of this situation also may be useful for the OEM since if the OEM prefers to carry out clearing market strategy at the end of the period, it won't have to shoulder more holding cost.

One of the most important parameters is K for this study. Lower K values simplifies carrying out clearing market strategy for the OEM, by the way the OEM can gain PSC' demand because PSC can't meet their demand from secondary markets where these facts are shown clearly with Figure 4.1.

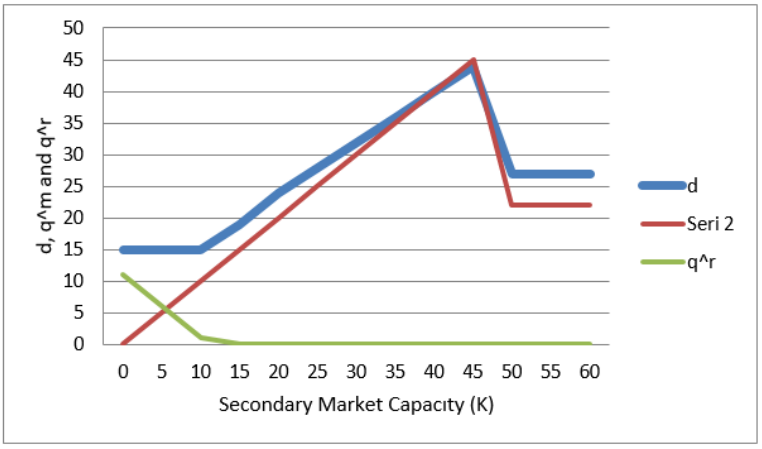

Figure 4.1: Result of Numerical Experiment for d, q^m and q^r while K is increasing and $y = 4$, $h = 6$, $cf = 0.85$.

K's increment effect to d, q^m and q^r while other parameters are constant can be examined with Figure 4.1 and Table 4.4. While K is ascending, the OEM gives up purchasing from regular supplier due to high cost of procurement from the regular supplier. In the meantime the OEM doesn't give up carrying out clearing market strategy until K will be very high. After a threshold level of K clearing market strategy is not sensible because even the total demand of LC and PSC doesn't meet that amount of K. After this threshold carrying out clearing market strategy will lead more holding cost. So as seen in Table 4.4 after this threshold giving up applying clearing market strategy ensures more profitable results.

In Figure 4.2 the effect of K's increment to the profit, the total revenue and the total cost can be seen. As seen from the graph total revenue is ascending for a while and next it shows steady form, then it has a sharply descending form at the clearing market strategy threshold and lastly it shows approximately steady form. If this situation is examined with Table 4.4 the fact can clearly be seen that until clearing market strategy threshold, the OEM gains whole demand in the market which sounds like very profitable but this is deceptive situation if only this is considered. As explained in former section with Figure 3.1 owing to one of the most common economic theory which claims when price increases demand decreases and vice versa. So increment of total demand also lowers price and after

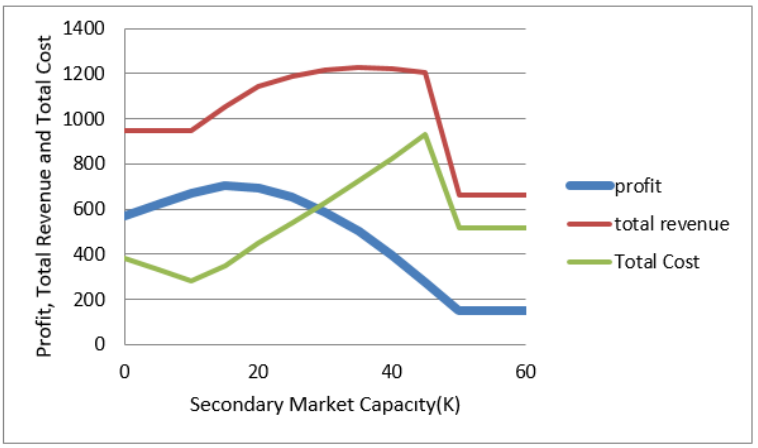

Figure 4.2: Result of Numerical Experiment for Profit, Total Revenue and Total Cost while K is increasing and $y = 4$, $h = 6$, $cf = 0.85$.

a while selling big amounts of products doesn't mean taking more profit which can be seen clearly from Figure 4.2.

In Figure 4.3 where profitability of this sample case is visualized. As seen in Figure 4.3 at lower K values profitability is higher than bigger K values since increasing K values result more holding cost and at the same time higher demand values don't mean higher price and profit.

With considering Table 4.5 it can be claimed that with lower backlog cost values the OEM can carry out clearing market strategy easily.

Another aspect of these results that OEM can carry out clearing market strategy easily also at lower K values since there are a few products on the secondary markets. Doesn't having any excess inventory from the former period makes easier to compel with backlog or holding costs in case of their occurrence. For this case OEM should take into account q^m , q^r and increasing holding or backlog costs to maximize its profit.

In Figure 4.4 profitability of 3 different case can be examined. As seen from graph while critical fractile is increasing profitability is decreasing owing to increment in backlog cost. For lower values of cf the OEM has comfortability while shouldering holding and backlog costs. Therefore, the OEM can increase its profitability.

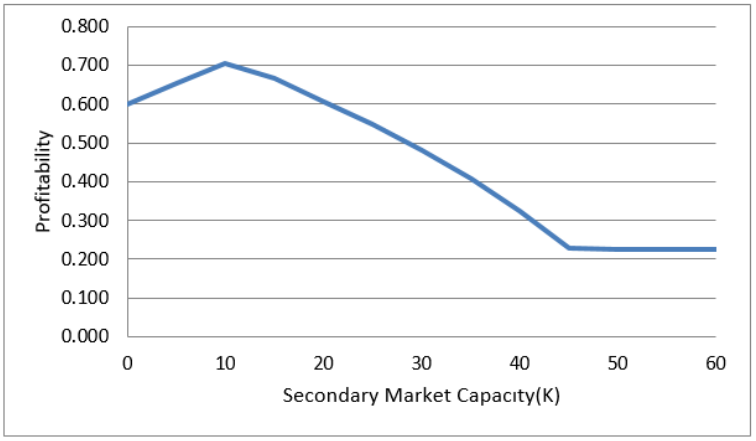

Figure 4.3: Result of Numerical Experiment for Profitability while K is increasing and $y = 4$, $h = 6$, $cf = 0.85$.

y	K	cf	q^m	cms	q^r	d	ha	ba	tcost	psc	rpsc	lc	tdem	p	trev	profit	pt	pr
4	0	0.85	0	YES	11	15.00	1.3	1.25	380.00	9.50	9.50	5.50089	15.00	63.33	949.91	569.91	p11	0.600
4	5	0.85	5	YES	6	15.00	1.3	1.25	330.00	9.50	9.50	5.50089	15.00	63.33	949.91	619.91	p11	0.653
4	10	0.85	10	YES	1	15.00	1.3	1.25	280.00	9.50	9.50	5.50089	15.00	63.33	949.91	669.91	p11	0.705
4	15	0.85	15	YES	0	19.00	1.3	1.25	350.00	10.53	10.53	8.46705	19.00	55.44	1053.29	703.30	p11	0.668
4	20	0.85	20	YES	0	24.00	1.3	1.25	450.00	11.43	11.43	12.5668	24.00	47.64	1143.32	693.32	p11	0.606
4	25	0.85	25	YES	0	28.00	1.8	0.80	538.00	11.90	11.90	16.1021	28.00	42.49	1189.79	651.79	p11	0.548
4	30	0.85	30	YES	0	32.00	2.5	0.45	630.00	12.17	12.17	19.8287	32.00	38.04	1217.13	587.13	p11	0.482
4	35	0.85	35	YES	0	36.00	3.2	0.20	726.00	12.28	12.28	23.7227	36.00	34.10	1227.73	501.73	p11	0.409
4	40	0.85	40	YES	0	40.00	4.1	0.05	826.00	12.23	12.23	27.7654	40.00	30.59	1223.46	397.46	p11	0.325
4	45	0.85	45	YES	0	44.00	5.0	0.00	930.00	12.06	12.06	31.9418	44.00	27.41	1205.82	275.82	p11	0.229
4	50	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
4	55	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
4	60	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
4	0	0.92	0	YES	11	15.00	1.3	1.25	423.75	9.50	9.50	5.50089	15.00	63.33	949.91	526.16	p11	0.554
4	5	0.92	5	YES	6	15.00	1.3	1.25	373.75	9.50	9.50	5.50089	15.00	63.33	949.91	576.16	p11	0.607
4	10	0.92	10	YES	1	15.00	1.3	1.25	323.75	9.50	9.50	5.50089	15.00	63.33	949.91	626.16	p11	0.659
4	15	0.92	15	YES	0	18.00	1.8	0.80	366.00	10.30	10.30	7.69655	18.00	57.24	1030.34	664.35	p11	0.645
4	20	0.92	20	YES	0	22.00	2.5	0.45	445.75	11.12	11.12	10.8806	22.00	50.54	1111.94	666.19	p11	0.599
4	25	0.92	25	YES	0	26.00	3.2	0.20	533.00	11.69	11.69	14.3087	26.00	44.97	1169.13	636.13	p11	0.544
4	30	0.92	30	YES	0	31.00	3.2	0.20	633.00	12.12	12.12	18.8805	31.00	39.10	1211.95	578.95	p11	0.478
4	35	0.92	35	YES	0	35.00	4.1	0.05	727.75	12.27	12.27	22.7346	35.00	35.04	1226.54	498.79	p11	0.407
4	40	0.92	40	YES	0	39.00	5.0	0.00	830.00	12.26	12.26	26.7417	39.00	31.43	1225.83	395.84	p11	0.323
4	45	0.92	45	YES	0	44.00	5.0	0.00	930.00	12.06	12.06	31.9418	44.00	27.41	1205.82	275.82	p11	0.229
4	50	0.92	47	YES	0	46.00	8.5	0.00	990.70	11.92	8.92	34.0763	43.00	25.92	1114.61	123.91	p11	0.111
4	55	0.92	25	NO	0	27.00	17.7	0.00	606.04	11.80	0.00	15.1992	15.20	43.71	664.31	58.27	p12	0.088
4	60	0.92	25	NO	0	27.00	17.7	0.00	606.04	11.80	0.00	15.1992	15.20	43.71	664.31	58.27	p12	0.088
4	0	0.98	0	YES	15	15.00	4.1	0.05	489.00	9.50	9.50	5.50089	15.00	63.33	949.91	460.91	p11	0.485
4	5	0.98	5	YES	10	15.00	4.1	0.05	439.00	9.50	9.50	5.50089	15.00	63.33	949.91	510.91	p11	0.538
4	10	0.98	10	YES	5	15.00	4.1	0.05	389.00	9.50	9.50	5.50089	15.00	63.33	949.91	560.91	p11	0.590
4	15	0.98	15	YES	0	15.00	4.1	0.05	339.00	9.50	9.50	5.50089	15.00	63.33	949.91	610.91	p11	0.643
4	20	0.98	20	YES	0	20.00	4.1	0.05	439.00	10.74	10.74	9.25513	20.00	53.72	1074.49	635.49	p11	0.591
4	25	0.98	25	YES	0	25.00	4.1	0.05	539.00	11.57	11.57	13.4311	25.00	46.28	1156.89	617.89	p11	0.534
4	30	0.98	30	YES	0	29.00	5.0	0.00	630.00	11.98	11.98	17.0168	29.00	41.32	1198.32	568.32	p11	0.474
4	35	0.98	35	YES	0	34.00	5.0	0.00	730.00	12.24	12.24	21.7561	34.00	36.01	1224.39	494.39	p11	0.404
4	40	0.98	40	YES	0	39.00	5.0	0.00	830.00	12.26	12.26	26.7417	39.00	31.43	1225.83	395.84	p11	0.323
4	45	0.98	45	YES	0	44.00	5.0	0.00	930.00	12.06	12.06	31.9418	44.00	27.41	1205.82	275.82	p11	0.229
4	50	0.98	47	YES	0	46.00	8.5	0.00	990.70	11.92	8.92	34.0763	43.00	25.92	1114.61	123.91	p11	0.111
4	55	0.98	27	NO	0	27.00	21.6	0.00	669.80	11.80	0.00	15.1992	15.20	43.71	664.31	-5.50	p12	-0.008
4	60	0.98	27	NO	0	27.00	21.6	0.00	669.80	11.80	0.00	15.1992	15.20	43.71	664.31	-5.50	p12	-0.008

Table 4.5: Result of Numerical Experiment for 3 sample case while K is increasing.

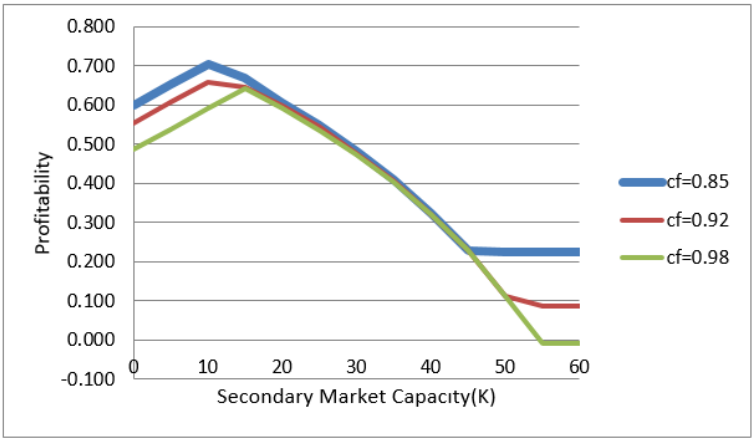

Figure 4.4: Result of Numerical Experiment for Profitability while K is increasing and $y = 4$, $h = 6$, $cf = (0.85, 0.92, 0.98)$.

Another examination about analyzes result of $P1$ is effect of y to profitability. Changes on profitability while K is increasing and $y = (4, 9, 11)$ are shown in Figure 4.5 and Table 4.6. For lower K values with higher y values at the same time provides the OEM to pay less backlog cost which is one of the most effective cost term. While y equals to 4, the OEM has to purchase from regular supplier so this procurement means to pay more acquisition cost and hence profitability value is less than other cases.

As shown in the Figure 4.5 profitability is decreasing while K is increasing. This is result of d's increasing. While d is increasing, price is decreasing so the total revenue is also decreasing. This situation continues until the clearing market threshold for every case. After the OEM gives up carrying out clearing market strategy, profit is increasing and then shows steady form because of the OEM's less purchasing from secondary markets and less shouldering backlog cost as seen in Table 4.6.

So to overcome this problem q^r, q^m amounts should be decided carefully before procurement and excess or insufficient inventory should be tried to predict well without overlooking risk of shouldering high holding or backlog costs.

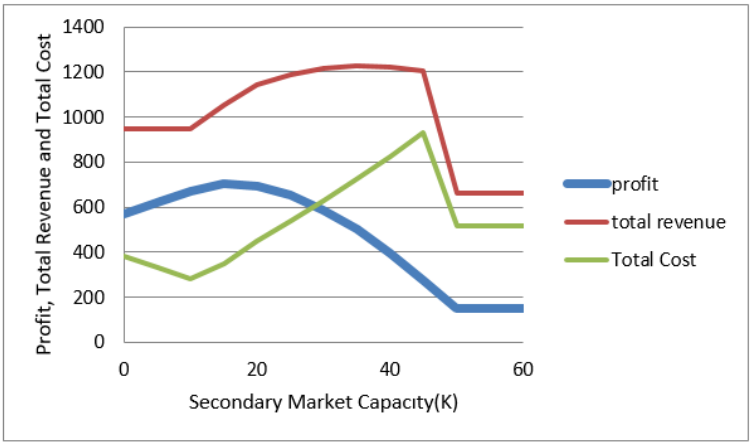

Figure 4.5: Result of Numerical Experiment for Profitability while K is increasing and $cf = 0.85$, $h = 6$, $y = (4, 9, 11)$.

y	K	cf	q^m	cms	q^r	d	ha	ba	tcost	psc	rpsc	lc	tdem	p	trev	profit	pt	pr
4	0	0.85	0	YES	11	15.00	1.3	1.25	380.00	9.50	9.50	5.50089	15.00	63.33	949.91	569.91	p11	0.600
4	5	0.85	5	YES	6	15.00	1.3	1.25	330.00	9.50	9.50	5.50089	15.00	63.33	949.91	619.91	p11	0.653
4	10	0.85	10	YES	1	15.00	1.3	1.25	280.00	9.50	9.50	5.50089	15.00	63.33	949.91	669.91	p11	0.705
4	15	0.85	15	YES	0	19.00	1.3	1.25	350.00	10.53	10.53	8.46705	19.00	55.44	1053.29	703.30	p11	0.668
4	20	0.85	20	YES	0	24.00	1.3	1.25	450.00	11.43	11.43	12.5668	24.00	47.64	1143.32	693.32	p11	0.606
4	25	0.85	25	YES	0	28.00	1.8	0.80	538.00	11.90	11.90	16.1021	28.00	42.49	1189.79	651.79	p11	0.548
4	30	0.85	30	YES	0	32.00	2.5	0.45	630.00	12.17	12.17	19.8287	32.00	38.04	1217.13	587.13	p11	0.482
4	35	0.85	35	YES	0	36.00	3.2	0.20	726.00	12.28	12.28	23.7227	36.00	34.10	1227.73	501.73	p11	0.409
4	40	0.85	40	YES	0	40.00	4.1	0.05	826.00	12.23	12.23	27.7654	40.00	30.59	1223.46	397.46	p11	0.325
4	45	0.85	45	YES	0	44.00	5.0	0.00	930.00	12.06	12.06	31.9418	44.00	27.41	1205.82	275.82	p11	0.229
4	50	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
4	55	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
4	60	0.85	22	NO	0	27.00	12.5	0.00	514.90	11.80	0.00	15.1992	15.20	43.71	664.31	149.41	p12	0.225
9	0	0.85	0	YES	6	15.00	1.3	1.25	230.00	9.50	9.50	5.50089	15.00	63.33	949.91	719.91	p11	0.758
9	5	0.85	5	YES	1	15.00	1.3	1.25	180.00	9.50	9.50	5.50089	15.00	63.33	949.91	769.91	p11	0.811
9	10	0.85	10	YES	0	19.00	1.3	1.25	250.00	10.53	10.53	8.46705	19.00	55.44	1053.29	803.30	p11	0.763
9	15	0.85	15	YES	0	24.00	1.3	1.25	350.00	11.43	11.43	12.5668	24.00	47.64	1143.32	793.32	p11	0.694
9	20	0.85	20	YES	0	28.00	1.8	0.80	438.00	11.90	11.90	16.1021	28.00	42.49	1189.79	751.79	p11	0.632
9	25	0.85	25	YES	0	32.00	2.5	0.45	530.00	12.17	12.17	19.8287	32.00	38.04	1217.13	687.13	p11	0.565
9	30	0.85	30	YES	0	36.00	3.2	0.20	626.00	12.28	12.28	23.7227	36.00	34.10	1227.73	601.73	p11	0.490
9	35	0.85	35	YES	0	40.00	4.1	0.05	726.00	12.23	12.23	27.7654	40.00	30.59	1223.46	497.46	p11	0.407
9	40	0.85	40	YES	0	44.00	5.0	0.00	830.00	12.06	12.06	31.9418	44.00	27.41	1205.82	375.82	p11	0.312
9	45	0.85	17	NO	0	27.00	12.5	0.00	414.90	11.80	0.00	15.1992	15.20	43.71	664.31	249.41	p12	0.375
9	50	0.85	17	NO	0	27.00	12.5	0.00	414.90	11.80	0.00	15.1992	15.20	43.71	664.31	249.41	p12	0.375
9	55	0.85	17	NO	0	27.00	12.5	0.00	414.90	11.80	0.00	15.1992	15.20	43.71	664.31	249.41	p12	0.375
9	60	0.85	17	NO	0	27.00	12.5	0.00	414.90	11.80	0.00	15.1992	15.20	43.71	664.31	249.41	p12	0.375
14	0	0.85	0	YES	1	15.00	1.3	1.25	80.00	9.50	9.50	5.50089	15.00	63.33	949.91	869.91	p11	0.916
14	5	0.85	5	YES	0	19.00	1.3	1.25	150.00	10.53	10.53	8.46705	19.00	55.44	1053.29	903.30	p11	0.858
14	10	0.85	10	YES	0	24.00	1.3	1.25	250.00	11.43	11.43	12.5668	24.00	47.64	1143.32	893.32	p11	0.781
14	15	0.85	15	YES	0	28.00	1.8	0.80	338.00	11.90	11.90	16.1021	28.00	42.49	1189.79	851.79	p11	0.716
14	20	0.85	20	YES	0	32.00	2.5	0.45	430.00	12.17	12.17	19.8287	32.00	38.04	1217.13	787.13	p11	0.647
14	25	0.85	25	YES	0	36.00	3.2	0.20	526.00	12.28	12.28	23.7227	36.00	34.10	1227.73	701.73	p11	0.572
14	30	0.85	30	YES	0	40.00	4.1	0.05	626.00	12.23	12.23	27.7654	40.00	30.59	1223.46	597.46	p11	0.488
14	35	0.85	35	YES	0	44.00	5.0	0.00	730.00	12.06	12.06	31.9418	44.00	27.41	1205.82	475.82	p11	0.395
14	40	0.85	12	NO	0	27.00	12.5	0.00	314.90	11.80	0.00	15.1992	15.20	43.71	664.31	349.41	p12	0.526
14	45	0.85	12	NO	0	27.00	12.5	0.00	314.90	11.80	0.00	15.1992	15.20	43.71	664.31	349.41	p12	0.526
14	50	0.85	12	NO	0	27.00	12.5	0.00	314.90	11.80	0.00	15.1992	15.20	43.71	664.31	349.41	p12	0.526
14	55	0.85	12	NO	0	27.00	12.5	0.00	314.90	11.80	0.00	15.1992	15.20	43.71	664.31	349.41	p12	0.526
14	60	0.85	12	NO	0	27.00	12.5	0.00	314.90	11.80	0.00	15.1992	15.20	43.71	664.31	349.41	p12	0.526

Table 4.6: Result of Numerical Experiment for 3 sample case while K is increasing.

4.2.2 Analysis Results of the Problem 2

Contrary to the $P1$ in the $P2$, a different scenario handled with only one difference which is the priority to access secondary markets. In numerical experiment of the $P2$ the same parameters are used as in Section 4.1. Since problem has a log-linear form, while demand increases price decreases and vice versa, brutal force search algorithm gives some impractical results at very high demand values while price value is going to zero. Although in analysis section these impractical results were ignored, all the results of the $P2$ are given in Appendix.

A sample case is examined to show this problem's behavior which is shown with Figure 4.6 and Table 4.7 below. According to the results, clearing market strategy is not the best option since PSC have already meet their demand from secondary markets before the OEM access secondary markets.

y	K	cf	q^m	cms	q^r	d	ha	ba	tcost	psc	rpsc	lc	tdem	p	trev	profit	pt	pr
5	10	0.91	1	NO	7	13.00	9.6	0.00	287.58	8.85	0.00	4.14645	4.15	68.10	282.39	-31.71	P22	-0.112
5	15	0.91	6	NO	2	13.00	9.6	0.00	237.58	8.85	0.00	4.14645	4.15	68.10	282.39	18.29	P22	0.065
5	20	0.91	10	NO	1	16.00	10.9	0.00	295.60	9.79	0.00	6.21231	6.21	61.17	380.03	65.72	P22	0.173
5	25	0.91	14	NO	0	19.00	12.1	0.00	352.38	10.53	0.00	8.46705	8.47	55.44	469.38	104.87	P22	0.223
5	30	0.91	18	NO	0	23.00	13.3	0.00	439.55	11.28	0.00	11.7164	11.72	49.06	574.80	130.00	P22	0.226
5	35	0.91	23	NO	0	27.00	15.8	0.00	555.06	11.80	0.00	15.1992	15.20	43.71	664.31	143.64	P22	0.216
5	40	0.91	23	NO	0	27.00	15.8	0.00	555.06	11.80	0.00	15.1992	15.20	43.71	664.31	143.64	P22	0.216
5	45	0.91	23	NO	0	27.00	15.8	0.00	555.06	11.80	0.00	15.1992	15.20	43.71	664.31	143.64	P22	0.216
5	50	0.91	23	NO	0	27.00	15.8	0.00	555.06	11.80	0.00	15.1992	15.20	43.71	664.31	143.64	P22	0.216
5	55	0.91	23	NO	0	27.00	15.8	0.00	555.06	11.80	0.00	15.1992	15.20	43.71	664.31	143.64	P22	0.216
5	60	0.91	23	NO	0	27.00	15.8	0.00	555.06	11.80	0.00	15.1992	15.20	43.71	664.31	143.64	P22	0.216

Table 4.7: Result of Numerical Experiment for a sample case while K is increasing.

In the Figure 4.6 it can be seen that at lower K values, the OEM has to purchase from its regular supplier with higher prices comparing with secondary markets since secondary markets inventory is zero after PSC' purchasing. After a threshold value for K, which can meet PSC' demand and has still excess inventory, the OEM gives up purchasing from the regular supplier and prefers secondary markets inherently.

Another interesting issue is the change of optimal d values. Although price is higher for lower d values than higher d values, the OEM reaches maximum profit at higher values of d owing to increasing LC' demand.

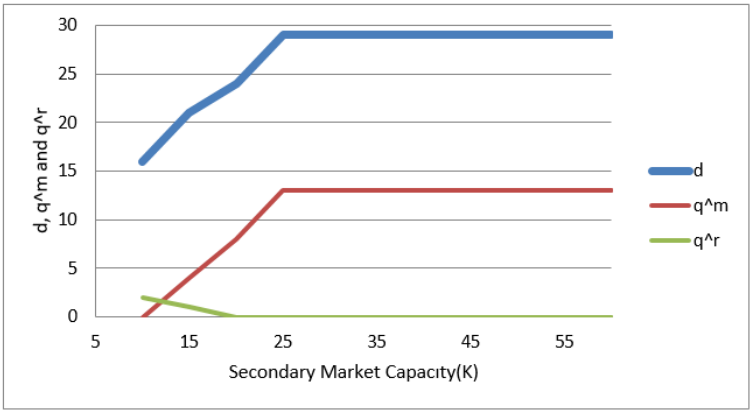

Figure 4.6: Result of Numerical Experiment for d, q^m and q^r while K is increasing and $y = 5$, $h = 6$, $cf = 0.91$.

As seen in Figure 4.7, while K is increasing, profitability is ascending too. At lower K values, the OEM loses its profit since there is higher amount of demand, price is decreasing. In the meanwhile the OEM has still beginning inventory (y) and prefers to purchase from the regular supplier and secondary markets in order to decrease the total expectation value of backlog and holding costs. After a sharp decrement, profitability slightly decreasing where profit approximately reaches the highest value for this sample case. Reason of this behavior is that while K is increasing PSC can meet their demand from secondary markets easily and there is still excess inventory on secondary markets. In this situation the OEM is able to make its procurement from secondary markets with lower prices for meeting LC' demand. As mentioned in previous parts of this study critical fractile is one the most important parameter that affect cost terms. In Figure 4.8 profitability form was shown in graphically with 3 different cf values while K is increasing and other parameters are constant. For lower values of K, profitability has higher values for each case which shown in Table 4.8. This is the result of negative correlation d and price. Evenly high critical fractile value shows itself as high backlog and holding cost values and the OEM is losing its profit.

Effect of y values to profitability are investigated with Figure 4.9 and Table 4.9, while K is increasing and other parameters are constant. Numerical experiments

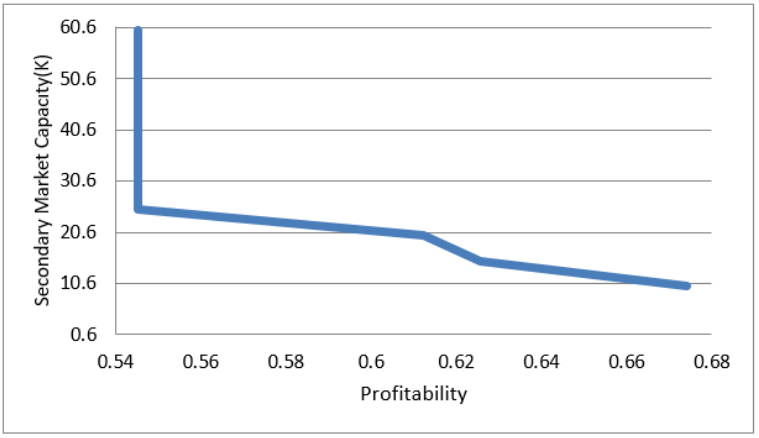

Figure 4.7: Result of Numerical Experiment for Profitability while K is increasing and $y = 5$, $h = 6$, $cf = 0.91$.

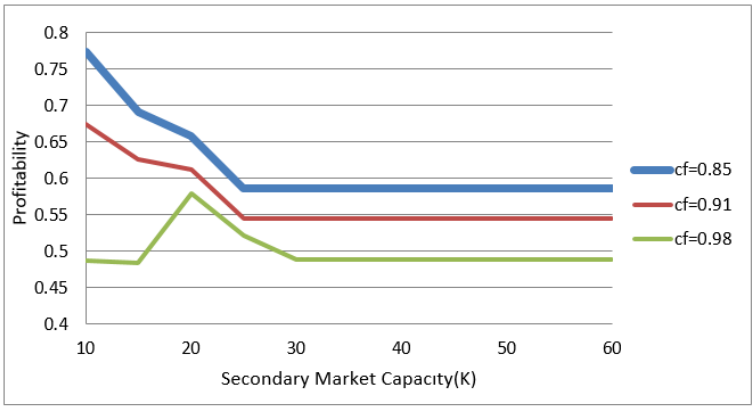

Figure 4.8: Result of Numerical Experiment for Profitability while K is increasing and $y = 5$, $h = 6$, $cf = (0.85, 0.91, 0.98)$.

showed us that in these sample cases, lower values of y are more profitable especially for lower values of d. Since for lower values of K, maximum profit given d values is low and prices are higher at that level. The OEM doesn't have to purchase from the regular supplier so shoulders less holding and backlog cost. Hence, although the OEM sells less, it gains more profit.

When Table 4.9 is examined it can be seen that hifher profitability doesn't mean gaining more profit. While K value is increasing also maximum profit given d values is increasing too. When the OEM needs more inventory to meet LC' demand, it has to purchase from secondary markets or the regular supplier and in the meanwhile price is decreasing. On the other hand having high amount of

y	K	cf	q^m	cms	q^r	d	ha	ba	tcost	psc	rpsc	lc	tdem	p	trev	profit	pt	pr
5	10	0.85	0	NO	1	16.00	1.1	1.36	83.06	9.79	0.00	6.21231	6.21	61.17	367.04	283.98	p22	0.774
5	15	0.85	4	NO	1	21.00	1.2	1.28	160.85	10.94	0.00	10.0599	10.06	52.10	520.96	360.11	p22	0.691
5	20	0.85	8	NO	0	24.00	1.5	1.04	204.31	11.43	0.00	12.5668	12.57	47.64	598.66	394.35	p22	0.659
5	25	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	30	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	35	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	40	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	45	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	50	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	55	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	60	0.85	12	NO	0	29.00	1.2	1.26	290.24	11.98	0.00	17.0168	17.02	41.32	702.46	412.23	p22	0.587
5	10	0.91	0	NO	2	16.00	1.7	0.89	123.87	9.79	0.00	6.21231	6.21	61.17	380.03	256.16	p22	0.674
5	15	0.91	4	NO	1	21.00	1.2	1.28	194.98	10.94	0.00	10.0599	10.06	52.10	520.96	325.97	p22	0.626
5	20	0.91	8	NO	0	24.00	1.5	1.04	232.12	11.43	0.00	12.5668	12.57	47.64	598.66	366.54	p22	0.612
5	25	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	30	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	35	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	40	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	45	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	50	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	55	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	60	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	10	0.98	0	NO	5	16.00	3.9	0.07	194.77	9.79	0.00	6.21231	6.21	61.17	380.03	185.25	p22	0.487
5	15	0.98	4	NO	5	21.00	4.0	0.06	270.49	10.94	0.00	10.0599	10.06	52.10	524.08	253.59	p22	0.484
5	20	0.98	9	NO	0	21.00	4.0	0.06	220.49	10.94	0.00	10.0599	10.06	52.10	524.08	303.59	p22	0.579
5	25	0.98	13	NO	0	26.00	3.8	0.09	307.84	11.69	0.00	14.3087	14.31	44.97	643.41	335.57	p22	0.522
5	30	0.98	16	NO	0	29.00	4.0	0.05	359.41	11.98	0.00	17.0168	17.02	41.32	703.16	343.75	p22	0.489
5	35	0.98	16	NO	0	29.00	4.0	0.05	359.41	11.98	0.00	17.0168	17.02	41.32	703.16	343.75	p22	0.489
5	40	0.98	16	NO	0	29.00	4.0	0.05	359.41	11.98	0.00	17.0168	17.02	41.32	703.16	343.75	p22	0.489
5	45	0.98	16	NO	0	29.00	4.0	0.05	359.41	11.98	0.00	17.0168	17.02	41.32	703.16	343.75	p22	0.489
5	50	0.98	16	NO	0	29.00	4.0	0.05	359.41	11.98	0.00	17.0168	17.02	41.32	703.16	343.75	p22	0.489
5	55	0.98	16	NO	0	29.00	4.0	0.05	359.41	11.98	0.00	17.0168	17.02	41.32	703.16	343.75	p22	0.489
5	60	0.98	16	NO	0	29.00	4.0	0.05	359.41	11.98	0.00	17.0168	17.02	41.32	703.16	343.75	p22	0.489

Table 4.8: Result of Numerical Experiment for 3 sample case while K is increasing.

beginning inventory enables to purchase less amount of product, so this leads less acquisition cost.

Lastly with Figure 4.10, K, y and cf's densities according to profit for all of numerical experiment results of the $P2$ are shown. As seen in the figure, the higher profit giving cases intensify at higher K values and also y and cf show similar behaviors like K.

The fact can be easily seen that while K is increasing also profit is increasing since this ensure the OEM to provide necessary products from excess inventory on secondary markets after PSC' procurement.

This is clear that in $P2$, it is not optimal to carry out clearing market strategy and all optimal results for $P2$ is emerging in the subset of $P2.2$ due to PSC's priority to access secondary markets.

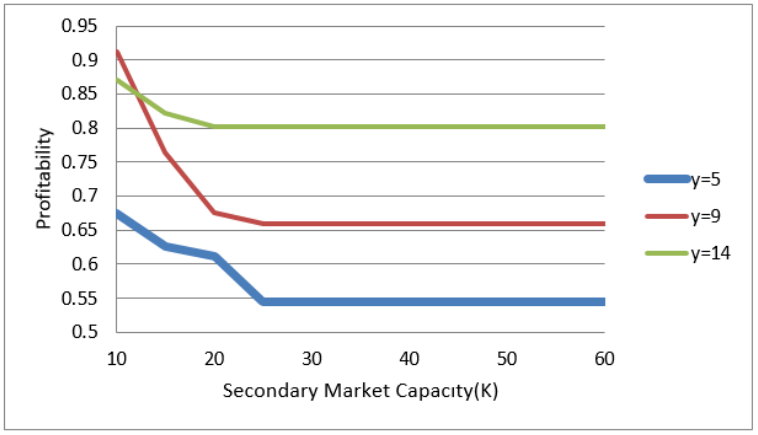

Figure 4.9: Result of Numerical Experiment for Profitability while K is increasing and $cf = 0.91$, $h = 6$, $y = (5, 9, 14)$.

y	K	cf	q^m	cms	q^r	d	ha	ba	tcost	psc	rpsc	lc	tdem	p	trev	profit	pt	pr
5	10	0.91	0	NO	2	16.00	1.7	0.89	123.87	9.79	0.00	6.21231	6.21	61.17	380.03	256.16	p22	0.674
5	15	0.91	4	NO	1	21.00	1.2	1.28	194.98	10.94	0.00	10.0599	10.06	52.10	520.96	325.97	p22	0.626
5	20	0.91	8	NO	0	24.00	1.5	1.04	232.12	11.43	0.00	12.5668	12.57	47.64	598.66	366.54	p22	0.612
5	25	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	30	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	35	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	40	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	45	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	50	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	55	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
5	60	0.91	13	NO	0	29.00	1.8	0.81	319.68	11.98	0.00	17.0168	17.02	41.32	703.16	383.48	p22	0.545
9	10	0.91	0	NO	0	16.00	3.0	0.24	33.04	9.79	0.00	6.21231	6.21	61.17	380.03	346.99	p22	0.913
9	15	0.91	3	NO	0	23.00	1.4	1.11	135.85	11.28	0.00	11.7164	11.72	49.06	574.80	438.95	p22	0.764
9	20	0.91	8	NO	0	28.00	1.7	0.84	221.48	11.90	0.00	16.1021	16.10	42.49	684.22	462.74	p22	0.676
9	25	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
9	30	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
9	35	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
9	40	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
9	45	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
9	50	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
9	55	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
9	60	0.91	9	NO	0	29.00	1.8	0.81	239.68	11.98	0.00	17.0168	17.02	41.32	703.16	463.48	p22	0.659
14	10	0.91	0	NO	0	16.00	8.2	0.00	49.06	9.79	0.00	6.21231	6.21	61.17	380.03	330.97	p22	0.871
14	15	0.91	3	NO	0	28.00	1.7	0.84	121.48	11.90	0.00	16.1021	16.10	42.49	684.22	562.74	p22	0.822
14	20	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	25	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	30	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	35	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	40	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	45	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	50	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	55	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801
14	60	0.91	4	NO	0	29.00	1.8	0.81	139.68	11.98	0.00	17.0168	17.02	41.32	703.16	563.48	p22	0.801

Table 4.9: Result of Numerical Experiment for 3 sample case while K is increasing.

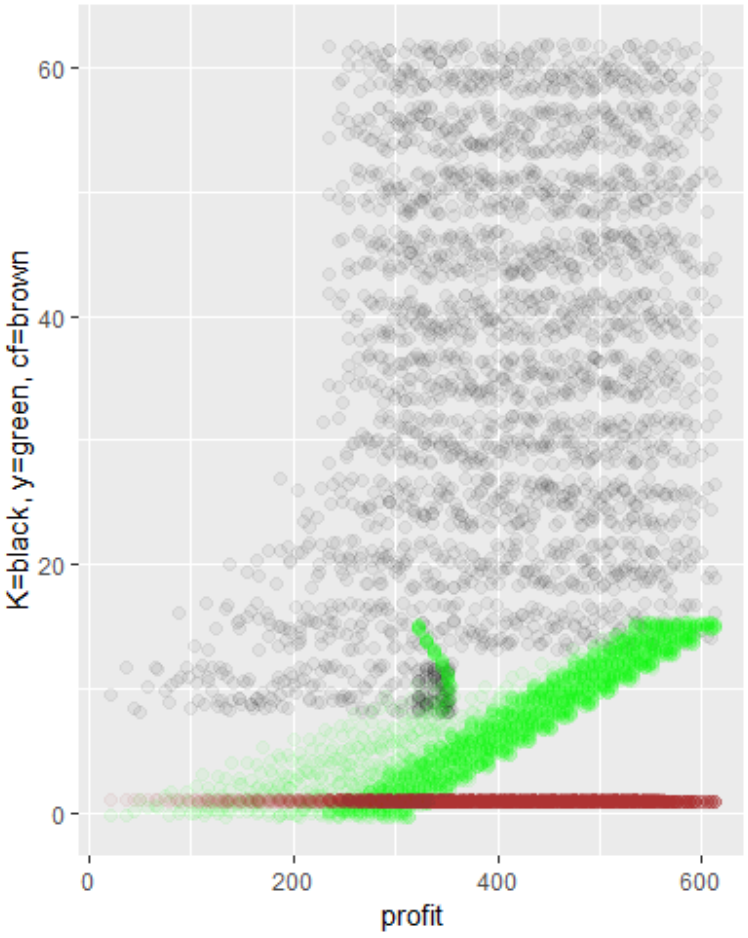

Figure 4.10: K, y and cf's densities graph according to profit.

Chapter 5

Conclusion

Secondary markets allow Original Equipment Manufacturers (OEM) and Maintenance Repair Operation (MRO) to access spare parts with lower prices with shorter lead times.

In this study, two different scenarios are considered: In the first scenario, the OEM reaches secondary markets before Price Sensitive Customers (PSC). In the second scenario, PSC reach secondary markets before the OEM who aims to satisfy its demand using regular supplier and remaining inventory on secondary markets.

We proposed a single-period additive non-linear inventory control model, in which demand can be manipulated by the OEM's selling price of secondary markets. Our mathematical model gives some insights to adjust procurement amount from secondary markets or the regular supplier.

We elaborated scenarios with different mathematical models. Mathematical analysis of these models reveals that each model has to be decomposed into two different sub-models due to demand models. Each of sub-models addresses to the situation, whether the OEM can gain PSC' demand or not. We derive an analytical solution for one sub-problem by using Karush-Kuhn-Tucker (KKT) conditions.

Numerical experiments are handled according to 2 scenarios with considering some parameters like holding and backlog costs, the total inventory on secondary markets and the beginning inventory amount of the OEM. In our numerical experiment optimum total demand, purchasing amount of from the regular supplier and secondary markets values are calculated.

Mathematical analysis of the problem indicates that the OEM has to take into account negative correlation of demand and price. We put forward some insights about some deceptive bias. The higher amount of demand doesn't mean higher prices. Also, selling more products may not give more profit every time .

An important issue that should be taken into consideration is that holding and backlog costs while purchasing from secondary markets and the regular supplier. Our results indicate that the OEM may carry out clearing market strategy and make PSC to buy from the OEM. But at the end of the period aim is gaining more profit but not gaining more demand. On the other hand, if inventory level is not arranged very well, the OEM may have to shoulder extra costs and may lose some of its expected maximum profit.

It is obvious that clearing market strategy is not best option for gaining maximum profit for every case according to prices, demand split rates and accessing priority to secondary markets. When the opportunity to purchase from secondary markets exists, it is important to decide determining the procurement amount from secondary markets and the regular suppliers with considering secondary markets capacity.

Briefly it can be said that while the OEM has a priority to access secondary markets, carrying out clearing market strategy is more profitable. For the opposite scenario, clearing market strategy is not optimal to gain maximum profit.

Extension of this study can be considered as a multi period inventory model with dynamic pricing. Due to non-linearity of profit functions, it may be very hard to

solve with analytical methods. So extension of this study can be analyzed with heuristic methods.

References

[1] M. Khosrow-Pour, *Dictionary of Information Science and Technology (2nd Edition).* Hershey: Information Science Reference (Isr), 2013;2006;2007;2012;.

[2] F. Botto, *Dictionary of e-Business: A Definitive Guide to Technology and Business Terms*, 2nd ed. Wiley, 2003.

[3] W. Xie, H. Liao, and T. Jin, "Maximizing system availability through joint decision on component redundancy and spares inventory," *European Journal of Operational Research*, vol. 237, no. 1, pp. 164–176, 2014.

[4] D. T. T. Limited., "E-commerce in turkey," Turkey Informatics Industry Association, Report, 2018.

[5] R. Dekker, e. Pine, R. Zuidwijk, and M. N. Jalil, "On the use of installed base information for spare parts logistics: A review of ideas and industry practice," *International Journal of Production Economics*, vol. 143, no. 2, pp. 536–545, 2013.

[6] R. S. Tibben-Lembke, "Strategic use of the secondary market for retail consumer goods," *California Management Review*, vol. 46, no. 2, pp. 90–104, 2004.

[7] V. M. Bennett, R. Seamans, and F. Zhu, "Cannibalization and option value effects of secondary markets: Evidence from the us concert industry: Cannibalization and option value effects," *Strategic Management Journal*, vol. 36, no. 11, pp. 1599–1614, 2015.

[8] M. Hekimoğlu, "Spare parts management of aging capital products," Ph.D. dissertation, Erasmus University, 2014.

[9] H. Guo, C. Li, Y. Zhang, C. Zhang, and M. Lu, "A location-inventory problem in a closed-loop supply chain with secondary market consideration," *SUSTAINABILITY*, vol. 10, no. 6, p. 1891, 2018.

[10] X. Huang, J.-W. Gu, W.-K. Ching, and T.-K. Siu, "Impact of secondary market on consumer return policies and supply chain coordination," *Omega*, vol. 45, pp. 57–70, 2014.

[11] H. Lee and S. Whang, "The impact of the secondary market on the supply chain," *Management Science*, vol. 48, no. 6, pp. 719–731, 2002.

[12] A. Angelus, "A multiechelon inventory problem with secondary market sales," *Management Science*, vol. 57, no. 12, pp. 2145–2162, 2011.

[13] W. Xing, S. Wang, and L. Liu, "Optimal ordering and pricing strategies in the presence of a b2b spot market," *European Journal of Operational Research*, vol. 221, no. 1, pp. 87–98, 2012.

[14] J. M. Milner and P. Kouvelis, "Inventory, speculation, and sourcing strategies in the presence of online exchanges," *Manufacturing and Service Operations Management*, vol. 9, no. 3, pp. 312–331, 2007.

Appendix A

Proof of Theorems

A.1 Lemma 3.1:

The following statements hold.

1. F is a convex set of (d,q^r and q^m),
2. $H^{1.1}(K, y, q^m, q^r, d)$ is not a concave function in (d, q^m, w).

Proof of Lemma 3.1:

1. F is a convex set of (d, q^m, q^r).

   Feasible sets for all variables are shown below.

$$-d \leq 0. \tag{A.1}$$
$$K - q^m \leq d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}). \tag{A.2}$$
$$q^m \leq K. \tag{A.3}$$
$$-q^m \leq 0. \tag{A.4}$$
$$-w - d + y + K \leq 0. \tag{A.5}$$

   All constraints are convex sets F since all of them linear except ($K - q^m \leq d\frac{\gamma}{\beta}ln(\frac{\alpha}{d})$).

Convexity of $(K - q^m - d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}))$ is sufficient for the convexity of set F.

$$f(d) = K - q^m - d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}). \tag{A.6}$$

$$\frac{\partial f}{\partial d} = -\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) + \frac{\gamma}{\beta}. \tag{A.7}$$

$$\frac{\partial f}{\partial q^m} = -1. \tag{A.8}$$

$$\frac{\partial f^2}{\partial d^2} = \frac{\gamma}{\beta d}. \tag{A.9}$$

$$\frac{\partial f^2}{\partial d \partial q^m} = 0. \tag{A.10}$$

$$\frac{\partial f^2}{\partial q^m \partial d} = 0. \tag{A.11}$$

$$\frac{\partial f^2}{\partial q^m \partial q^m} = 0. \tag{A.12}$$

$$H(d, q^m) = \begin{pmatrix} \frac{\gamma}{\beta d} & 0 \\ 0 & 0 \end{pmatrix} \tag{A.13}$$

As seen from Hessian matrix first and second principal minors are non-negative. Convexity of constraint function is implied by positive semi-definiteness of Hessian matrix.

2. $H^{1.1}(K, y, q^m, q^r, d)$ is not a concave function in (d, q^m, w).

$$\mathbf{P1.1}: \quad \max_{(d,q^m,w)\in F} H^{1.1}(d, q^m, w)$$

$$H^{1.1}(d, q^m, w) = E[(d - K + q^m)\frac{1}{\beta}(ln(\frac{\alpha}{d})) - c_m q^m - c_r q^r - h[w - \epsilon]^+ - b[\epsilon - w]^+], \tag{A.14}$$

where,

$$F = \{(d, q^m, w) \in \mathbb{R}^3 : d \geq 0; K - q^m \geq d\frac{\gamma}{\beta} ln(\frac{\alpha}{d}); K \geq q^m \geq 0; \\ w + d - y - K \geq 0\}. \tag{A.15}$$

$$\begin{aligned}
\frac{\partial f}{\partial d} &= \frac{1}{\beta} ln(\frac{\alpha}{d}) - \frac{1}{\beta} + \frac{K - q^m}{\beta d} - c_r +, \\
&\quad h(\int_{\epsilon=-\infty}^{w} \phi(\epsilon) d\epsilon) - b(\int_{\epsilon=w}^{\infty} \phi(\epsilon) d\epsilon). && \text{(A.16)} \\
\frac{\partial f}{\partial q^m} &= \frac{1}{\beta} ln(\frac{\alpha}{d}) - c_m. && \text{(A.17)} \\
\frac{\partial f}{\partial w} &= -c_r - h(\int_{\epsilon=-\infty}^{w} \phi(\epsilon) d\epsilon + b(\int_{\epsilon=w}^{\infty} \phi(\epsilon) d\epsilon). && \text{(A.18)} \\
x11 = \frac{\partial f^2}{\partial d^2} &= -\frac{1}{\beta d} - \frac{K - q^m}{\beta d^2} + (-h - b)\phi(w) < 0. && \text{(A.19)} \\
x12 = \frac{\partial f^2}{\partial d \partial q^m} &= -\frac{1}{\beta d} < 0. && \text{(A.20)} \\
x13 = \frac{\partial f^2}{\partial d \partial w} &= (h + b)\phi(w) > 0. && \text{(A.21)} \\
x21 = \frac{\partial f^2}{\partial q^m \partial d} &= -\frac{1}{\beta d} < 0. && \text{(A.22)} \\
x22 = \frac{\partial f^2}{\partial q^m \partial q^m} &= 0. && \text{(A.23)} \\
x23 = \frac{\partial f^2}{\partial q^m \partial w} &= 0. && \text{(A.24)} \\
x31 = \frac{\partial f^2}{\partial w \partial d} &= (h + b)\phi(w)\} > 0. && \text{(A.25)} \\
x32 = \frac{\partial f^2}{\partial w \partial q^m} &= 0. && \text{(A.26)} \\
x33 = \frac{\partial f^2}{\partial w \partial w} &= (-h - b)\phi(w) < 0. && \text{(A.27)} \\
\mathbf{H}(\mathbf{d}, \mathbf{q^m}, \mathbf{w}) &= \begin{pmatrix} x11 & x12 & x13 \\ x21 & x22 & x23 \\ x31 & x32 & x33 \end{pmatrix} && \text{(A.28)}
\end{aligned}$$

For claiming that a function is concave principal miners have to same sign with $(-1)^k$ where k denotes minors. As seen from Hessian matrix first

principal minors are less than zero.

Second principal minors non-negativity conditions are shown below which can be easily seen that all of them are not non-negative.

$$det \begin{pmatrix} x22 & x23 \\ x32 & x33 \end{pmatrix} = 0. \tag{A.29}$$

$$det \begin{pmatrix} x11 & x13 \\ x31 & x33 \end{pmatrix} > 0. \tag{A.30}$$

$$det \begin{pmatrix} x11 & x12 \\ x21 & x22 \end{pmatrix} < 0. \tag{A.31}$$

This function is not a concave nor a convex function in d, q^m and w which implied by indefiniteness of Hessian matrix.

□

A.2 Lemma 3.2:

F is not a convex set of (d, q^m, q^r).

Proof of Lemma 3.2:

Feasible sets for all variables are shown below.

$$\begin{aligned} -d &\leq 0 && \text{(A.32)} \\ d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) &\leq K - q^m && \text{(A.33)} \\ q^m &\leq K && \text{(A.34)} \\ -q^m &\leq 0 && \text{(A.35)} \\ -w - d + y + K &\leq 0 && \text{(A.36)} \end{aligned}$$

All constraints are convex sets F since all of them linear except ($d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) \leq K - q^m$).

$$f(d) = d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}) - K. \tag{A.37}$$

$$\frac{\partial f}{\partial d} = \frac{\gamma}{\beta}ln(\frac{\alpha}{d}) - \frac{\gamma}{\beta}. \tag{A.38}$$

$$\frac{\partial f^2}{\partial d^2} = -\frac{\gamma}{\beta d} < 0. \tag{A.39}$$

As seen above this is not a convex function since the second partial derivative of this function is non-positive.Thus, F is not a convex set of d, q^m and q^m.

□

A.3 Lemma 3.3 :

The following statements hold.

(1) F is a convex set of (d, q^r,q^r).

(2) $H^{2.1}(K, y, d, q^m, q^r)$ is jointly concave in d, q^r and q^m.

Proof of Lemma (3.3):

1. F is a convex set of (d, q^r).

   Since this statement is same with Lemma 3.2 proof omitted.

2. $P2.1$ is concave in d, q^m, w.

$$\mathbf{P2.1}: \max_{(d,w)\in F} H^{2.1}(d, w)$$

$$H^{2.1}(d, w) = (d - K)\frac{1}{\beta}(dln(\frac{\alpha}{d}) - c_r(w + d - K - y) - \tag{A.40}$$
$$h(\int_{s=-\infty}^{w}(w - \epsilon)\phi(s)ds) - b(\int_{s=w}^{\infty}(\epsilon - w)\phi(s)ds).$$

   where

$$F = \{(d, w) \in \mathbb{R}^2 : d \geq 0; K \geq d\frac{\gamma}{\beta}ln(\frac{\alpha}{d}); w + d - y - K \geq 0\}. \tag{A.41}$$

$$\frac{\partial f}{\partial d} = \frac{1}{\beta} ln(\frac{\alpha}{d}) - \frac{1}{\beta} + \frac{K}{\beta d} - c_r + h(\int_{\epsilon=-\propto}^{w} \phi(\epsilon) d\epsilon) - b(\int_{\epsilon=w}^{\propto} \phi(\epsilon) d\epsilon). \quad \text{(A.42)}$$

$$\frac{\partial f}{\partial w} = -c_r - h(\int_{\epsilon=-\propto}^{w} \phi(\epsilon) d\epsilon + b(\int_{\epsilon=w}^{\propto} \phi(\epsilon) d\epsilon). \quad \text{(A.43)}$$

$$x11 = \frac{\partial f^2}{\partial d^2} = -\frac{1}{\beta d} - \frac{K}{\beta d^2} + (-h - b)\phi(w) < 0. \quad \text{(A.44)}$$

$$x12 = \frac{\partial f^2}{\partial d \partial w} = (h + b)\phi(w) > 0. \quad \text{(A.45)}$$

$$x21 = \frac{\partial f^2}{\partial w \partial d} = (h + b)\phi(w)\} > 0. \quad \text{(A.46)}$$

$$x22 = \frac{\partial f^2}{\partial w \partial w} = (-h - b)\phi(w) < 0. \quad \text{(A.47)}$$

$$H(d, w) = \begin{pmatrix} x11 & x12 \\ x21 & x22 \end{pmatrix} = \begin{pmatrix} < 0 & > 0 \\ > 0 & < 0 \end{pmatrix} \quad \text{(A.48)}$$

For claiming that a function is concave principal miners have to same sign with $(-1)^k$ where k denotes minors. As seen from Hessian matrix first principal minors are less than zero.

Second principal minors non-negativity conditions are shown below.

$$det \begin{pmatrix} x11 & x12 \\ x21 & x22 \end{pmatrix} > 0. \quad \text{(A.49)}$$

Second principal minors satisfy concavity condition.

Since this function holds all condition of concavity this is a concave function of d and w.

□

Appendix B

The Tables in Respect of Numerical Experiments

B.1 Additional Notation in Respect of Numerical Experiments.

Table B.1: Additional Notation in Respect of Numerical Experiments.

hcost	:expectation value of holding cost at the end of period.
bcost	:expectation of backlog cost at the end of period.
smc	:the total purchasing cost of OEM from secondary market.
rsc	:the total purchasing cost of OEM from the regular supplier.
lcr	:revenue from LC' demand sales obtained by the OEM.
pscr	:revenue from PSC' demand sales obtained by the OEM.

B.2 Result of Numerical Experiment for the Problem 1

TABLE B.2: Result of Numerical Experiment for the $P1$.

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	0	0.85	0	15	15	1.25	1.25	500.00	5.50	15.00	63.33	949.91	449.91	p11
0	0	0.86	0	15	15	1.25	1.25	503.57	5.50	15.00	63.33	949.91	446.34	p11
0	0	0.87	0	15	15	1.25	1.25	507.69	5.50	15.00	63.33	949.91	442.22	p11
0	0	0.88	0	15	15	1.25	1.25	512.50	5.50	15.00	63.33	949.91	437.41	p11
0	0	0.89	0	15	15	1.25	1.25	518.18	5.50	15.00	63.33	949.91	431.73	p11
0	0	0.9	0	15	15	1.25	1.25	525.00	5.50	15.00	63.33	949.91	424.91	p11
0	0	0.91	0	15	15	1.25	1.25	533.33	5.50	15.00	63.33	949.91	416.58	p11
0	0	0.92	0	15	15	1.25	1.25	543.75	5.50	15.00	63.33	949.91	406.16	p11
0	0	0.93	0	16	15	1.80	0.80	554.57	5.50	15.00	63.33	949.91	395.34	p11
0	0	0.94	0	16	15	1.80	0.80	566.00	5.50	15.00	63.33	949.91	383.91	p11
0	0	0.95	0	17	15	2.45	0.45	576.00	5.50	15.00	63.33	949.91	373.91	p11
0	0	0.96	0	18	15	3.20	0.20	588.00	5.50	15.00	63.33	949.91	361.91	p11
0	0	0.97	0	18	15	3.20	0.20	598.00	5.50	15.00	63.33	949.91	351.91	p11
0	0	0.98	0	19	15	4.05	0.05	609.00	5.50	15.00	63.33	949.91	340.91	p11
0	0	0.99	0	19	15	4.05	0.05	624.00	5.50	15.00	63.33	949.91	325.91	p11
0	5	0.85	5	10	15	1.25	1.25	450.00	5.50	15.00	63.33	949.91	499.91	p11
0	5	0.86	5	10	15	1.25	1.25	453.57	5.50	15.00	63.33	949.91	496.34	p11
0	5	0.87	5	10	15	1.25	1.25	457.69	5.50	15.00	63.33	949.91	492.22	p11
0	5	0.88	5	10	15	1.25	1.25	462.50	5.50	15.00	63.33	949.91	487.41	p11
0	5	0.89	5	10	15	1.25	1.25	468.18	5.50	15.00	63.33	949.91	481.73	p11
0	5	0.9	5	10	15	1.25	1.25	475.00	5.50	15.00	63.33	949.91	474.91	p11
0	5	0.91	5	10	15	1.25	1.25	483.33	5.50	15.00	63.33	949.91	466.58	p11
0	5	0.92	5	10	15	1.25	1.25	493.75	5.50	15.00	63.33	949.91	456.16	p11
0	5	0.93	5	11	15	1.80	0.80	504.57	5.50	15.00	63.33	949.91	445.34	p11
0	5	0.94	5	11	15	1.80	0.80	516.00	5.50	15.00	63.33	949.91	433.91	p11
0	5	0.95	5	12	15	2.45	0.45	526.00	5.50	15.00	63.33	949.91	423.91	p11
0	5	0.96	5	13	15	3.20	0.20	538.00	5.50	15.00	63.33	949.91	411.91	p11
0	5	0.97	5	13	15	3.20	0.20	548.00	5.50	15.00	63.33	949.91	401.91	p11
0	5	0.98	5	14	15	4.05	0.05	559.00	5.50	15.00	63.33	949.91	390.91	p11
0	5	0.99	5	14	15	4.05	0.05	574.00	5.50	15.00	63.33	949.91	375.91	p11
0	10	0.85	10	5	15	1.25	1.25	400.00	5.50	15.00	63.33	949.91	549.91	p11
0	10	0.86	10	5	15	1.25	1.25	403.57	5.50	15.00	63.33	949.91	546.34	p11
0	10	0.87	10	5	15	1.25	1.25	407.69	5.50	15.00	63.33	949.91	542.22	p11
0	10	0.88	10	5	15	1.25	1.25	412.50	5.50	15.00	63.33	949.91	537.41	p11
0	10	0.89	10	5	15	1.25	1.25	418.18	5.50	15.00	63.33	949.91	531.73	p11
0	10	0.9	10	5	15	1.25	1.25	425.00	5.50	15.00	63.33	949.91	524.91	p11
0	10	0.91	10	5	15	1.25	1.25	433.33	5.50	15.00	63.33	949.91	516.58	p11
0	10	0.92	10	5	15	1.25	1.25	443.75	5.50	15.00	63.33	949.91	506.16	p11
0	10	0.93	10	6	15	1.80	0.80	454.57	5.50	15.00	63.33	949.91	495.34	p11
0	10	0.94	10	6	15	1.80	0.80	466.00	5.50	15.00	63.33	949.91	483.91	p11
0	10	0.95	10	7	15	2.45	0.45	476.00	5.50	15.00	63.33	949.91	473.91	p11
0	10	0.96	10	8	15	3.20	0.20	488.00	5.50	15.00	63.33	949.91	461.91	p11
0	10	0.97	10	8	15	3.20	0.20	498.00	5.50	15.00	63.33	949.91	451.91	p11
0	10	0.98	10	9	15	4.05	0.05	509.00	5.50	15.00	63.33	949.91	440.91	p11
0	10	0.99	10	9	15	4.05	0.05	524.00	5.50	15.00	63.33	949.91	425.91	p11
0	15	0.85	15	0	15	1.25	1.25	350.00	5.50	15.00	63.33	949.91	599.91	p11
0	15	0.86	15	0	15	1.25	1.25	353.57	5.50	15.00	63.33	949.91	596.34	p11
0	15	0.87	15	0	15	1.25	1.25	357.69	5.50	15.00	63.33	949.91	592.22	p11
0	15	0.88	15	0	15	1.25	1.25	362.50	5.50	15.00	63.33	949.91	587.41	p11
0	15	0.89	15	0	15	1.25	1.25	368.18	5.50	15.00	63.33	949.91	581.73	p11
0	15	0.9	15	0	15	1.25	1.25	375.00	5.50	15.00	63.33	949.91	574.91	p11
0	15	0.91	15	0	15	1.25	1.25	383.33	5.50	15.00	63.33	949.91	566.58	p11
0	15	0.92	15	0	15	1.25	1.25	393.75	5.50	15.00	63.33	949.91	556.16	p11
0	15	0.93	15	1	15	1.80	0.80	404.57	5.50	15.00	63.33	949.91	545.34	p11
0	15	0.94	15	1	15	1.80	0.80	416.00	5.50	15.00	63.33	949.91	533.91	p11
0	15	0.95	15	2	15	2.45	0.45	426.00	5.50	15.00	63.33	949.91	523.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	15	0.96	15	3	15	3.20	0.20	438.00	5.50	15.00	63.33	949.91	511.91	p11
0	15	0.97	15	3	15	3.20	0.20	448.00	5.50	15.00	63.33	949.91	501.91	p11
0	15	0.98	15	4	15	4.05	0.05	459.00	5.50	15.00	63.33	949.91	490.91	p11
0	15	0.99	15	4	15	4.05	0.05	474.00	5.50	15.00	63.33	949.91	475.91	p11
0	20	0.85	20	0	20	1.25	1.25	450.00	9.26	20.00	53.72	1074.49	624.49	p11
0	20	0.86	20	0	20	1.25	1.25	453.57	9.26	20.00	53.72	1074.49	620.92	p11
0	20	0.87	20	0	20	1.25	1.25	457.69	9.26	20.00	53.72	1074.49	616.80	p11
0	20	0.88	20	0	20	1.25	1.25	462.50	9.26	20.00	53.72	1074.49	611.99	p11
0	20	0.89	20	0	20	1.25	1.25	468.18	9.26	20.00	53.72	1074.49	606.31	p11
0	20	0.9	20	0	19	1.80	0.80	454.00	8.47	19.00	55.44	1053.29	599.30	p11
0	20	0.91	20	0	19	1.80	0.80	459.33	8.47	19.00	55.44	1053.29	593.96	p11
0	20	0.92	20	0	19	1.80	0.80	466.00	8.47	19.00	55.44	1053.29	587.30	p11
0	20	0.93	20	0	18	2.45	0.45	450.57	7.70	18.00	57.24	1030.34	579.77	p11
0	20	0.94	20	0	18	2.45	0.45	457.00	7.70	18.00	57.24	1030.34	573.35	p11
0	20	0.95	20	0	18	2.45	0.45	466.00	7.70	18.00	57.24	1030.34	564.35	p11
0	20	0.96	20	0	17	3.20	0.20	448.00	6.94	17.00	59.15	1005.54	557.54	p11
0	20	0.97	20	0	17	3.20	0.20	458.00	6.94	17.00	59.15	1005.54	547.54	p11
0	20	0.98	20	0	16	4.05	0.05	439.00	6.21	16.00	61.17	978.77	539.77	p11
0	20	0.99	20	0	16	4.05	0.05	454.00	6.21	16.00	61.17	978.77	524.77	p11
0	25	0.85	25	0	25	1.25	1.25	550.00	13.43	25.00	46.28	1156.89	606.89	p11
0	25	0.86	25	0	25	1.25	1.25	553.57	13.43	25.00	46.28	1156.89	603.32	p11
0	25	0.87	25	0	24	1.80	0.80	542.92	12.57	24.00	47.64	1143.32	600.40	p11
0	25	0.88	25	0	24	1.80	0.80	546.00	12.57	24.00	47.64	1143.32	597.32	p11
0	25	0.89	25	0	24	1.80	0.80	549.64	12.57	24.00	47.64	1143.32	593.68	p11
0	25	0.9	25	0	23	2.45	0.45	539.00	11.72	23.00	49.06	1128.36	589.36	p11
0	25	0.91	25	0	23	2.45	0.45	542.00	11.72	23.00	49.06	1128.36	586.36	p11
0	25	0.92	25	0	23	2.45	0.45	545.75	11.72	23.00	49.06	1128.36	582.61	p11
0	25	0.93	25	0	23	2.45	0.45	550.57	11.72	23.00	49.06	1128.36	577.79	p11
0	25	0.94	25	0	22	3.20	0.20	538.00	10.88	22.00	50.54	1111.94	573.94	p11
0	25	0.95	25	0	22	3.20	0.20	542.00	10.88	22.00	50.54	1111.94	569.94	p11
0	25	0.96	25	0	22	3.20	0.20	548.00	10.88	22.00	50.54	1111.94	563.94	p11
0	25	0.97	25	0	21	4.05	0.05	534.00	10.06	21.00	52.10	1094.01	560.01	p11
0	25	0.98	25	0	21	4.05	0.05	539.00	10.06	21.00	52.10	1094.01	555.01	p11
0	25	0.99	25	0	20	5.00	0.00	530.00	9.26	20.00	53.72	1074.49	544.49	p11
0	30	0.85	30	0	29	1.80	0.80	638.00	17.02	29.00	41.32	1198.32	560.32	p11
0	30	0.86	30	0	28	2.45	0.45	631.29	16.10	28.00	42.49	1189.79	558.51	p11
0	30	0.87	30	0	28	2.45	0.45	632.77	16.10	28.00	42.49	1189.79	557.03	p11
0	30	0.88	30	0	28	2.45	0.45	634.50	16.10	28.00	42.49	1189.79	555.29	p11
0	30	0.89	30	0	28	2.45	0.45	636.55	16.10	28.00	42.49	1189.79	553.25	p11
0	30	0.9	30	0	28	2.45	0.45	639.00	16.10	28.00	42.49	1189.79	550.79	p11
0	30	0.91	30	0	27	3.20	0.20	631.33	15.20	27.00	43.71	1180.08	548.75	p11
0	30	0.92	30	0	27	3.20	0.20	633.00	15.20	27.00	43.71	1180.08	547.08	p11
0	30	0.93	30	0	27	3.20	0.20	635.14	15.20	27.00	43.71	1180.08	544.94	p11
0	30	0.94	30	0	27	3.20	0.20	638.00	15.20	27.00	43.71	1180.08	542.08	p11
0	30	0.95	30	0	26	4.05	0.05	630.00	14.31	26.00	44.97	1169.13	539.13	p11
0	30	0.96	30	0	26	4.05	0.05	631.50	14.31	26.00	44.97	1169.13	537.63	p11
0	30	0.97	30	0	26	4.05	0.05	634.00	14.31	26.00	44.97	1169.13	535.13	p11
0	30	0.98	30	0	26	4.05	0.05	639.00	14.31	26.00	44.97	1169.13	530.13	p11
0	30	0.99	30	0	25	5.00	0.00	630.00	13.43	25.00	46.28	1156.89	526.89	p11
0	35	0.85	35	0	32	3.20	0.20	726.00	19.83	32.00	38.04	1217.13	491.13	p11
0	35	0.86	35	0	32	3.20	0.20	726.57	19.83	32.00	38.04	1217.13	490.56	p11
0	35	0.87	35	0	32	3.20	0.20	727.23	19.83	32.00	38.04	1217.13	489.90	p11
0	35	0.88	35	0	32	3.20	0.20	728.00	19.83	32.00	38.04	1217.13	489.13	p11
0	35	0.89	35	0	32	3.20	0.20	728.91	19.83	32.00	38.04	1217.13	488.22	p11
0	35	0.9	35	0	32	3.20	0.20	730.00	19.83	32.00	38.04	1217.13	487.13	p11
0	35	0.91	35	0	32	3.20	0.20	731.33	19.83	32.00	38.04	1217.13	485.80	p11
0	35	0.92	35	0	31	4.05	0.05	727.75	18.88	31.00	39.10	1211.95	484.20	p11
0	35	0.93	35	0	31	4.05	0.05	728.29	18.88	31.00	39.10	1211.95	483.66	p11
0	35	0.94	35	0	31	4.05	0.05	729.00	18.88	31.00	39.10	1211.95	482.95	p11
0	35	0.95	35	0	31	4.05	0.05	730.00	18.88	31.00	39.10	1211.95	481.95	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	35	0.96	35	0	31	4.05	0.05	731.50	18.88	31.00	39.10	1211.95	480.45	p11
0	35	0.97	35	0	31	4.05	0.05	734.00	18.88	31.00	39.10	1211.95	477.95	p11
0	35	0.98	35	0	30	5.00	0.00	730.00	17.94	30.00	40.19	1205.69	475.69	p11
0	35	0.99	35	0	30	5.00	0.00	730.00	17.94	30.00	40.19	1205.69	475.69	p11
0	40	0.85	40	0	36	4.05	0.05	826.00	23.72	36.00	34.10	1227.73	401.73	p11
0	40	0.86	40	0	36	4.05	0.05	826.14	23.72	36.00	34.10	1227.73	401.59	p11
0	40	0.87	40	0	36	4.05	0.05	826.31	23.72	36.00	34.10	1227.73	401.42	p11
0	40	0.88	40	0	36	4.05	0.05	826.50	23.72	36.00	34.10	1227.73	401.23	p11
0	40	0.89	40	0	36	4.05	0.05	826.73	23.72	36.00	34.10	1227.73	401.00	p11
0	40	0.9	40	0	36	4.05	0.05	827.00	23.72	36.00	34.10	1227.73	400.73	p11
0	40	0.91	40	0	36	4.05	0.05	827.33	23.72	36.00	34.10	1227.73	400.40	p11
0	40	0.92	40	0	36	4.05	0.05	827.75	23.72	36.00	34.10	1227.73	399.98	p11
0	40	0.93	40	0	36	4.05	0.05	828.29	23.72	36.00	34.10	1227.73	399.44	p11
0	40	0.94	40	0	36	4.05	0.05	829.00	23.72	36.00	34.10	1227.73	398.73	p11
0	40	0.95	40	0	36	4.05	0.05	830.00	23.72	36.00	34.10	1227.73	397.73	p11
0	40	0.96	40	0	35	5.00	0.00	830.00	22.73	35.00	35.04	1226.54	396.54	p11
0	40	0.97	40	0	35	5.00	0.00	830.00	22.73	35.00	35.04	1226.54	396.54	p11
0	40	0.98	40	0	35	5.00	0.00	830.00	22.73	35.00	35.04	1226.54	396.54	p11
0	40	0.99	40	0	35	5.00	0.00	830.00	22.73	35.00	35.04	1226.54	396.54	p11
0	45	0.85	45	0	41	4.05	0.05	926.00	28.80	41.00	29.76	1220.25	294.25	p11
0	45	0.86	45	0	41	4.05	0.05	926.14	28.80	41.00	29.76	1220.25	294.11	p11
0	45	0.87	45	0	41	4.05	0.05	926.31	28.80	41.00	29.76	1220.25	293.95	p11
0	45	0.88	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.89	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.9	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.91	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.92	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.93	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.94	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.95	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.96	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.97	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.98	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	45	0.99	45	0	40	5.00	0.00	930.00	27.77	40.00	30.59	1223.46	293.46	p11
0	50	0.85	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.86	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.87	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.88	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.89	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.9	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.91	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.92	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.93	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.94	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.95	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.96	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.97	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.98	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	50	0.99	50	0	44	6.05	0.00	1036.30	31.94	44.00	27.41	1205.82	169.52	p11
0	55	0.85	26	0	27	12.48	0.00	594.90	15.20	15.20	43.71	664.31	69.41	p12
0	55	0.86	26	0	27	12.48	0.00	594.90	15.20	15.20	43.71	664.31	69.41	p12
0	55	0.87	26	0	27	12.48	0.00	594.90	15.20	15.20	43.71	664.31	69.41	p12
0	55	0.88	27	0	27	14.11	0.00	624.68	15.20	15.20	43.71	664.31	39.63	p12
0	55	0.89	27	0	27	14.11	0.00	624.68	15.20	15.20	43.71	664.31	39.63	p12
0	55	0.9	28	0	27	15.84	0.00	655.06	15.20	15.20	43.71	664.31	9.25	p12
0	55	0.91	28	0	27	15.84	0.00	655.06	15.20	15.20	43.71	664.31	9.25	p12
0	55	0.92	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11
0	55	0.93	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11
0	55	0.94	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11
0	55	0.95	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	55	0.96	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11
0	55	0.97	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11
0	55	0.98	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11
0	55	0.99	52	0	47	8.45	0.00	1090.70	35.15	44.00	25.20	1108.94	18.24	p11
0	60	0.85	26	0	27	12.48	0.00	594.90	15.20	15.20	43.71	664.31	69.41	p12
0	60	0.86	26	0	27	12.48	0.00	594.90	15.20	15.20	43.71	664.31	69.41	p12
0	60	0.87	26	0	27	12.48	0.00	594.90	15.20	15.20	43.71	664.31	69.41	p12
0	60	0.88	27	0	27	14.11	0.00	624.68	15.20	15.20	43.71	664.31	39.63	p12
0	60	0.89	27	0	27	14.11	0.00	624.68	15.20	15.20	43.71	664.31	39.63	p12
0	60	0.9	28	0	27	15.84	0.00	655.06	15.20	15.20	43.71	664.31	9.25	p12
0	60	0.91	28	0	27	15.84	0.00	655.06	15.20	15.20	43.71	664.31	9.25	p12
0	60	0.92	29	0	27	17.67	0.00	686.04	15.20	15.20	43.71	664.31	-21.73	p12
0	60	0.93	29	0	27	17.67	0.00	686.04	15.20	15.20	43.71	664.31	-21.73	p12
0	60	0.94	29	0	27	17.67	0.00	686.04	15.20	15.20	43.71	664.31	-21.73	p12
0	60	0.95	30	0	27	19.60	0.00	717.62	15.20	15.20	43.71	664.31	-53.32	p12
0	60	0.96	30	0	27	19.60	0.00	717.62	15.20	15.20	43.71	664.31	-53.32	p12
0	60	0.97	31	0	27	21.63	0.00	749.80	15.20	15.20	43.71	664.31	-85.50	p12
0	60	0.98	31	0	27	21.63	0.00	749.80	15.20	15.20	43.71	664.31	-85.50	p12
0	60	0.99	32	0	27	23.76	0.00	782.58	15.20	15.20	43.71	664.31	-118.28	p12
1	0	0.85	0	14	15	1.25	1.25	470.00	5.50	15.00	63.33	949.91	479.91	p11
1	0	0.86	0	14	15	1.25	1.25	473.57	5.50	15.00	63.33	949.91	476.34	p11
1	0	0.87	0	14	15	1.25	1.25	477.69	5.50	15.00	63.33	949.91	472.22	p11
1	0	0.88	0	14	15	1.25	1.25	482.50	5.50	15.00	63.33	949.91	467.41	p11
1	0	0.89	0	14	15	1.25	1.25	488.18	5.50	15.00	63.33	949.91	461.73	p11
1	0	0.9	0	14	15	1.25	1.25	495.00	5.50	15.00	63.33	949.91	454.91	p11
1	0	0.91	0	14	15	1.25	1.25	503.33	5.50	15.00	63.33	949.91	446.58	p11
1	0	0.92	0	14	15	1.25	1.25	513.75	5.50	15.00	63.33	949.91	436.16	p11
1	0	0.93	0	15	15	1.80	0.80	524.57	5.50	15.00	63.33	949.91	425.34	p11
1	0	0.94	0	15	15	1.80	0.80	536.00	5.50	15.00	63.33	949.91	413.91	p11
1	0	0.95	0	16	15	2.45	0.45	546.00	5.50	15.00	63.33	949.91	403.91	p11
1	0	0.96	0	17	15	3.20	0.20	558.00	5.50	15.00	63.33	949.91	391.91	p11
1	0	0.97	0	17	15	3.20	0.20	568.00	5.50	15.00	63.33	949.91	381.91	p11
1	0	0.98	0	18	15	4.05	0.05	579.00	5.50	15.00	63.33	949.91	370.91	p11
1	0	0.99	0	18	15	4.05	0.05	594.00	5.50	15.00	63.33	949.91	355.91	p11
1	5	0.85	5	9	15	1.25	1.25	420.00	5.50	15.00	63.33	949.91	529.91	p11
1	5	0.86	5	9	15	1.25	1.25	423.57	5.50	15.00	63.33	949.91	526.34	p11
1	5	0.87	5	9	15	1.25	1.25	427.69	5.50	15.00	63.33	949.91	522.22	p11
1	5	0.88	5	9	15	1.25	1.25	432.50	5.50	15.00	63.33	949.91	517.41	p11
1	5	0.89	5	9	15	1.25	1.25	438.18	5.50	15.00	63.33	949.91	511.73	p11
1	5	0.9	5	9	15	1.25	1.25	445.00	5.50	15.00	63.33	949.91	504.91	p11
1	5	0.91	5	9	15	1.25	1.25	453.33	5.50	15.00	63.33	949.91	496.58	p11
1	5	0.92	5	9	15	1.25	1.25	463.75	5.50	15.00	63.33	949.91	486.16	p11
1	5	0.93	5	10	15	1.80	0.80	474.57	5.50	15.00	63.33	949.91	475.34	p11
1	5	0.94	5	10	15	1.80	0.80	486.00	5.50	15.00	63.33	949.91	463.91	p11
1	5	0.95	5	11	15	2.45	0.45	496.00	5.50	15.00	63.33	949.91	453.91	p11
1	5	0.96	5	12	15	3.20	0.20	508.00	5.50	15.00	63.33	949.91	441.91	p11
1	5	0.97	5	12	15	3.20	0.20	518.00	5.50	15.00	63.33	949.91	431.91	p11
1	5	0.98	5	13	15	4.05	0.05	529.00	5.50	15.00	63.33	949.91	420.91	p11
1	5	0.99	5	13	15	4.05	0.05	544.00	5.50	15.00	63.33	949.91	405.91	p11
1	10	0.85	10	4	15	1.25	1.25	370.00	5.50	15.00	63.33	949.91	579.91	p11
1	10	0.86	10	4	15	1.25	1.25	373.57	5.50	15.00	63.33	949.91	576.34	p11
1	10	0.87	10	4	15	1.25	1.25	377.69	5.50	15.00	63.33	949.91	572.22	p11
1	10	0.88	10	4	15	1.25	1.25	382.50	5.50	15.00	63.33	949.91	567.41	p11
1	10	0.89	10	4	15	1.25	1.25	388.18	5.50	15.00	63.33	949.91	561.73	p11
1	10	0.9	10	4	15	1.25	1.25	395.00	5.50	15.00	63.33	949.91	554.91	p11
1	10	0.91	10	4	15	1.25	1.25	403.33	5.50	15.00	63.33	949.91	546.58	p11
1	10	0.92	10	4	15	1.25	1.25	413.75	5.50	15.00	63.33	949.91	536.16	p11
1	10	0.93	10	5	15	1.80	0.80	424.57	5.50	15.00	63.33	949.91	525.34	p11
1	10	0.94	10	5	15	1.80	0.80	436.00	5.50	15.00	63.33	949.91	513.91	p11
1	10	0.95	10	6	15	2.45	0.45	446.00	5.50	15.00	63.33	949.91	503.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
1	10	0.96	10	7	15	3.20	0.20	458.00	5.50	15.00	63.33	949.91	491.91	p11
1	10	0.97	10	7	15	3.20	0.20	468.00	5.50	15.00	63.33	949.91	481.91	p11
1	10	0.98	10	8	15	4.05	0.05	479.00	5.50	15.00	63.33	949.91	470.91	p11
1	10	0.99	10	8	15	4.05	0.05	494.00	5.50	15.00	63.33	949.91	455.91	p11
1	15	0.85	15	0	16	1.25	1.25	350.00	6.21	16.00	61.17	978.77	628.77	p11
1	15	0.86	15	0	16	1.25	1.25	353.57	6.21	16.00	61.17	978.77	625.20	p11
1	15	0.87	15	0	16	1.25	1.25	357.69	6.21	16.00	61.17	978.77	621.08	p11
1	15	0.88	15	0	16	1.25	1.25	362.50	6.21	16.00	61.17	978.77	616.27	p11
1	15	0.89	15	0	16	1.25	1.25	368.18	6.21	16.00	61.17	978.77	610.59	p11
1	15	0.9	15	0	16	1.25	1.25	375.00	6.21	16.00	61.17	978.77	603.77	p11
1	15	0.91	15	0	16	1.25	1.25	383.33	6.21	16.00	61.17	978.77	595.44	p11
1	15	0.92	15	0	16	1.25	1.25	393.75	6.21	16.00	61.17	978.77	585.02	p11
1	15	0.93	15	0	15	1.80	0.80	374.57	5.50	15.00	63.33	949.91	575.34	p11
1	15	0.94	15	0	15	1.80	0.80	386.00	5.50	15.00	63.33	949.91	563.91	p11
1	15	0.95	15	1	15	2.45	0.45	396.00	5.50	15.00	63.33	949.91	553.91	p11
1	15	0.96	15	2	15	3.20	0.20	408.00	5.50	15.00	63.33	949.91	541.91	p11
1	15	0.97	15	2	15	3.20	0.20	418.00	5.50	15.00	63.33	949.91	531.91	p11
1	15	0.98	15	3	15	4.05	0.05	429.00	5.50	15.00	63.33	949.91	520.91	p11
1	15	0.99	15	3	15	4.05	0.05	444.00	5.50	15.00	63.33	949.91	505.91	p11
1	20	0.85	20	0	21	1.25	1.25	450.00	10.06	21.00	52.10	1094.01	644.01	p11
1	20	0.86	20	0	21	1.25	1.25	453.57	10.06	21.00	52.10	1094.01	640.44	p11
1	20	0.87	20	0	21	1.25	1.25	457.69	10.06	21.00	52.10	1094.01	636.32	p11
1	20	0.88	20	0	21	1.25	1.25	462.50	10.06	21.00	52.10	1094.01	631.51	p11
1	20	0.89	20	0	21	1.25	1.25	468.18	10.06	21.00	52.10	1094.01	625.83	p11
1	20	0.9	20	0	20	1.80	0.80	454.00	9.26	20.00	53.72	1074.49	620.49	p11
1	20	0.91	20	0	20	1.80	0.80	459.33	9.26	20.00	53.72	1074.49	615.15	p11
1	20	0.92	20	0	20	1.80	0.80	466.00	9.26	20.00	53.72	1074.49	608.49	p11
1	20	0.93	20	0	19	2.45	0.45	450.57	8.47	19.00	55.44	1053.29	602.72	p11
1	20	0.94	20	0	19	2.45	0.45	457.00	8.47	19.00	55.44	1053.29	596.30	p11
1	20	0.95	20	0	18	3.20	0.20	442.00	7.70	18.00	57.24	1030.34	588.35	p11
1	20	0.96	20	0	18	3.20	0.20	448.00	7.70	18.00	57.24	1030.34	582.35	p11
1	20	0.97	20	0	17	4.05	0.05	434.00	6.94	17.00	59.15	1005.54	571.54	p11
1	20	0.98	20	0	17	4.05	0.05	439.00	6.94	17.00	59.15	1005.54	566.54	p11
1	20	0.99	20	0	17	4.05	0.05	454.00	6.94	17.00	59.15	1005.54	551.54	p11
1	25	0.85	25	0	25	1.80	0.80	538.00	13.43	25.00	46.28	1156.89	618.89	p11
1	25	0.86	25	0	25	1.80	0.80	540.29	13.43	25.00	46.28	1156.89	616.61	p11
1	25	0.87	25	0	25	1.80	0.80	542.92	13.43	25.00	46.28	1156.89	613.97	p11
1	25	0.88	25	0	25	1.80	0.80	546.00	13.43	25.00	46.28	1156.89	610.89	p11
1	25	0.89	25	0	25	1.80	0.80	549.64	13.43	25.00	46.28	1156.89	607.26	p11
1	25	0.9	25	0	24	2.45	0.45	539.00	12.57	24.00	47.64	1143.32	604.32	p11
1	25	0.91	25	0	24	2.45	0.45	542.00	12.57	24.00	47.64	1143.32	601.32	p11
1	25	0.92	25	0	24	2.45	0.45	545.75	12.57	24.00	47.64	1143.32	597.57	p11
1	25	0.93	25	0	23	3.20	0.20	535.14	11.72	23.00	49.06	1128.36	593.21	p11
1	25	0.94	25	0	23	3.20	0.20	538.00	11.72	23.00	49.06	1128.36	590.36	p11
1	25	0.95	25	0	23	3.20	0.20	542.00	11.72	23.00	49.06	1128.36	586.36	p11
1	25	0.96	25	0	22	4.05	0.05	531.50	10.88	22.00	50.54	1111.94	580.44	p11
1	25	0.97	25	0	22	4.05	0.05	534.00	10.88	22.00	50.54	1111.94	577.94	p11
1	25	0.98	25	0	22	4.05	0.05	539.00	10.88	22.00	50.54	1111.94	572.94	p11
1	25	0.99	25	0	21	5.00	0.00	530.00	10.06	21.00	52.10	1094.01	564.01	p11
1	30	0.85	30	0	29	2.45	0.45	630.00	17.02	29.00	41.32	1198.32	568.32	p11
1	30	0.86	30	0	29	2.45	0.45	631.29	17.02	29.00	41.32	1198.32	567.03	p11
1	30	0.87	30	0	29	2.45	0.45	632.77	17.02	29.00	41.32	1198.32	565.55	p11
1	30	0.88	30	0	29	2.45	0.45	634.50	17.02	29.00	41.32	1198.32	563.82	p11
1	30	0.89	30	0	29	2.45	0.45	636.55	17.02	29.00	41.32	1198.32	561.77	p11
1	30	0.9	30	0	28	3.20	0.20	630.00	16.10	28.00	42.49	1189.79	559.79	p11
1	30	0.91	30	0	28	3.20	0.20	631.33	16.10	28.00	42.49	1189.79	558.46	p11
1	30	0.92	30	0	28	3.20	0.20	633.00	16.10	28.00	42.49	1189.79	556.79	p11
1	30	0.93	30	0	28	3.20	0.20	635.14	16.10	28.00	42.49	1189.79	554.65	p11
1	30	0.94	30	0	28	3.20	0.20	638.00	16.10	28.00	42.49	1189.79	551.79	p11
1	30	0.95	30	0	27	4.05	0.05	630.00	15.20	27.00	43.71	1180.08	550.08	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
1	30	0.96	30	0	27	4.05	0.05	631.50	15.20	27.00	43.71	1180.08	548.58	p11
1	30	0.97	30	0	27	4.05	0.05	634.00	15.20	27.00	43.71	1180.08	546.08	p11
1	30	0.98	30	0	27	4.05	0.05	639.00	15.20	27.00	43.71	1180.08	541.08	p11
1	30	0.99	30	0	26	5.00	0.00	630.00	14.31	26.00	44.97	1169.13	539.13	p11
1	35	0.85	35	0	33	3.20	0.20	726.00	20.79	33.00	37.01	1221.27	495.27	p11
1	35	0.86	35	0	33	3.20	0.20	726.57	20.79	33.00	37.01	1221.27	494.70	p11
1	35	0.87	35	0	33	3.20	0.20	727.23	20.79	33.00	37.01	1221.27	494.04	p11
1	35	0.88	35	0	33	3.20	0.20	728.00	20.79	33.00	37.01	1221.27	493.27	p11
1	35	0.89	35	0	33	3.20	0.20	728.91	20.79	33.00	37.01	1221.27	492.36	p11
1	35	0.9	35	0	33	3.20	0.20	730.00	20.79	33.00	37.01	1221.27	491.27	p11
1	35	0.91	35	0	32	4.05	0.05	727.33	19.83	32.00	38.04	1217.13	489.80	p11
1	35	0.92	35	0	32	4.05	0.05	727.75	19.83	32.00	38.04	1217.13	489.38	p11
1	35	0.93	35	0	32	4.05	0.05	728.29	19.83	32.00	38.04	1217.13	488.84	p11
1	35	0.94	35	0	32	4.05	0.05	729.00	19.83	32.00	38.04	1217.13	488.13	p11
1	35	0.95	35	0	32	4.05	0.05	730.00	19.83	32.00	38.04	1217.13	487.13	p11
1	35	0.96	35	0	32	4.05	0.05	731.50	19.83	32.00	38.04	1217.13	485.63	p11
1	35	0.97	35	0	31	5.00	0.00	730.00	18.88	31.00	39.10	1211.95	481.95	p11
1	35	0.98	35	0	31	5.00	0.00	730.00	18.88	31.00	39.10	1211.95	481.95	p11
1	35	0.99	35	0	31	5.00	0.00	730.00	18.88	31.00	39.10	1211.95	481.95	p11
1	40	0.85	40	0	37	4.05	0.05	826.00	24.72	37.00	33.19	1227.99	401.99	p11
1	40	0.86	40	0	37	4.05	0.05	826.14	24.72	37.00	33.19	1227.99	401.85	p11
1	40	0.87	40	0	37	4.05	0.05	826.31	24.72	37.00	33.19	1227.99	401.68	p11
1	40	0.88	40	0	37	4.05	0.05	826.50	24.72	37.00	33.19	1227.99	401.49	p11
1	40	0.89	40	0	37	4.05	0.05	826.73	24.72	37.00	33.19	1227.99	401.26	p11
1	40	0.9	40	0	37	4.05	0.05	827.00	24.72	37.00	33.19	1227.99	400.99	p11
1	40	0.91	40	0	37	4.05	0.05	827.33	24.72	37.00	33.19	1227.99	400.66	p11
1	40	0.92	40	0	37	4.05	0.05	827.75	24.72	37.00	33.19	1227.99	400.24	p11
1	40	0.93	40	0	37	4.05	0.05	828.29	24.72	37.00	33.19	1227.99	399.71	p11
1	40	0.94	40	0	37	4.05	0.05	829.00	24.72	37.00	33.19	1227.99	398.99	p11
1	40	0.95	40	0	36	5.00	0.00	830.00	23.72	36.00	34.10	1227.73	397.73	p11
1	40	0.96	40	0	36	5.00	0.00	830.00	23.72	36.00	34.10	1227.73	397.73	p11
1	40	0.97	40	0	36	5.00	0.00	830.00	23.72	36.00	34.10	1227.73	397.73	p11
1	40	0.98	40	0	36	5.00	0.00	830.00	23.72	36.00	34.10	1227.73	397.73	p11
1	40	0.99	40	0	36	5.00	0.00	830.00	23.72	36.00	34.10	1227.73	397.73	p11
1	45	0.85	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.86	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.87	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.88	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.89	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.9	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.91	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.92	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.93	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.94	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.95	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.96	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.97	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.98	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	45	0.99	45	0	41	5.00	0.00	930.00	28.80	41.00	29.76	1220.25	290.25	p11
1	50	0.85	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.86	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.87	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.88	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.89	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.9	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.91	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.92	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.93	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.94	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.95	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
1	50	0.96	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.97	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.98	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	50	0.99	50	0	45	6.05	0.00	1036.30	33.01	45.00	26.65	1199.47	163.17	p11
1	55	0.85	25	0	27	12.48	0.00	574.90	15.20	15.20	43.71	664.31	89.41	p12
1	55	0.86	25	0	27	12.48	0.00	574.90	15.20	15.20	43.71	664.31	89.41	p12
1	55	0.87	25	0	27	12.48	0.00	574.90	15.20	15.20	43.71	664.31	89.41	p12
1	55	0.88	26	0	27	14.11	0.00	604.68	15.20	15.20	43.71	664.31	59.63	p12
1	55	0.89	26	0	27	14.11	0.00	604.68	15.20	15.20	43.71	664.31	59.63	p12
1	55	0.9	27	0	27	15.84	0.00	635.06	15.20	15.20	43.71	664.31	29.25	p12
1	55	0.91	27	0	27	15.84	0.00	635.06	15.20	15.20	43.71	664.31	29.25	p12
1	55	0.92	28	0	27	17.67	0.00	666.04	15.20	15.20	43.71	664.31	-1.73	p12
1	55	0.93	28	0	27	17.67	0.00	666.04	15.20	15.20	43.71	664.31	-1.73	p12
1	55	0.94	28	0	27	17.67	0.00	666.04	15.20	15.20	43.71	664.31	-1.73	p12
1	55	0.95	29	0	27	19.60	0.00	697.62	15.20	15.20	43.71	664.31	-33.32	p12
1	55	0.96	29	0	27	19.60	0.00	697.62	15.20	15.20	43.71	664.31	-33.32	p12
1	55	0.97	51	0	47	9.80	0.00	1078.80	35.15	43.00	25.20	1083.74	4.94	p11
1	55	0.98	51	0	47	9.80	0.00	1078.80	35.15	43.00	25.20	1083.74	4.94	p11
1	55	0.99	51	0	47	9.80	0.00	1078.80	35.15	43.00	25.20	1083.74	4.94	p11
1	60	0.85	25	0	27	12.48	0.00	574.90	15.20	15.20	43.71	664.31	89.41	p12
1	60	0.86	25	0	27	12.48	0.00	574.90	15.20	15.20	43.71	664.31	89.41	p12
1	60	0.87	25	0	27	12.48	0.00	574.90	15.20	15.20	43.71	664.31	89.41	p12
1	60	0.88	26	0	27	14.11	0.00	604.68	15.20	15.20	43.71	664.31	59.63	p12
1	60	0.89	26	0	27	14.11	0.00	604.68	15.20	15.20	43.71	664.31	59.63	p12
1	60	0.9	27	0	27	15.84	0.00	635.06	15.20	15.20	43.71	664.31	29.25	p12
1	60	0.91	27	0	27	15.84	0.00	635.06	15.20	15.20	43.71	664.31	29.25	p12
1	60	0.92	28	0	27	17.67	0.00	666.04	15.20	15.20	43.71	664.31	-1.73	p12
1	60	0.93	28	0	27	17.67	0.00	666.04	15.20	15.20	43.71	664.31	-1.73	p12
1	60	0.94	28	0	27	17.67	0.00	666.04	15.20	15.20	43.71	664.31	-1.73	p12
1	60	0.95	29	0	27	19.60	0.00	697.62	15.20	15.20	43.71	664.31	-33.32	p12
1	60	0.96	29	0	27	19.60	0.00	697.62	15.20	15.20	43.71	664.31	-33.32	p12
1	60	0.97	30	0	27	21.63	0.00	729.80	15.20	15.20	43.71	664.31	-65.50	p12
1	60	0.98	30	0	27	21.63	0.00	729.80	15.20	15.20	43.71	664.31	-65.50	p12
1	60	0.99	31	0	27	23.76	0.00	762.58	15.20	15.20	43.71	664.31	-98.28	p12
2	0	0.85	0	13	15	1.25	1.25	440.00	5.50	15.00	63.33	949.91	509.91	p11
2	0	0.86	0	13	15	1.25	1.25	443.57	5.50	15.00	63.33	949.91	506.34	p11
2	0	0.87	0	13	15	1.25	1.25	447.69	5.50	15.00	63.33	949.91	502.22	p11
2	0	0.88	0	13	15	1.25	1.25	452.50	5.50	15.00	63.33	949.91	497.41	p11
2	0	0.89	0	13	15	1.25	1.25	458.18	5.50	15.00	63.33	949.91	491.73	p11
2	0	0.9	0	13	15	1.25	1.25	465.00	5.50	15.00	63.33	949.91	484.91	p11
2	0	0.91	0	13	15	1.25	1.25	473.33	5.50	15.00	63.33	949.91	476.58	p11
2	0	0.92	0	13	15	1.25	1.25	483.75	5.50	15.00	63.33	949.91	466.16	p11
2	0	0.93	0	14	15	1.80	0.80	494.57	5.50	15.00	63.33	949.91	455.34	p11
2	0	0.94	0	14	15	1.80	0.80	506.00	5.50	15.00	63.33	949.91	443.91	p11
2	0	0.95	0	15	15	2.45	0.45	516.00	5.50	15.00	63.33	949.91	433.91	p11
2	0	0.96	0	16	15	3.20	0.20	528.00	5.50	15.00	63.33	949.91	421.91	p11
2	0	0.97	0	16	15	3.20	0.20	538.00	5.50	15.00	63.33	949.91	411.91	p11
2	0	0.98	0	17	15	4.05	0.05	549.00	5.50	15.00	63.33	949.91	400.91	p11
2	0	0.99	0	17	15	4.05	0.05	564.00	5.50	15.00	63.33	949.91	385.91	p11
2	5	0.85	5	8	15	1.25	1.25	390.00	5.50	15.00	63.33	949.91	559.91	p11
2	5	0.86	5	8	15	1.25	1.25	393.57	5.50	15.00	63.33	949.91	556.34	p11
2	5	0.87	5	8	15	1.25	1.25	397.69	5.50	15.00	63.33	949.91	552.22	p11
2	5	0.88	5	8	15	1.25	1.25	402.50	5.50	15.00	63.33	949.91	547.41	p11
2	5	0.89	5	8	15	1.25	1.25	408.18	5.50	15.00	63.33	949.91	541.73	p11
2	5	0.9	5	8	15	1.25	1.25	415.00	5.50	15.00	63.33	949.91	534.91	p11
2	5	0.91	5	8	15	1.25	1.25	423.33	5.50	15.00	63.33	949.91	526.58	p11
2	5	0.92	5	8	15	1.25	1.25	433.75	5.50	15.00	63.33	949.91	516.16	p11
2	5	0.93	5	9	15	1.80	0.80	444.57	5.50	15.00	63.33	949.91	505.34	p11
2	5	0.94	5	9	15	1.80	0.80	456.00	5.50	15.00	63.33	949.91	493.91	p11
2	5	0.95	5	10	15	2.45	0.45	466.00	5.50	15.00	63.33	949.91	483.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
2	5	0.96	5	11	15	3.20	0.20	478.00	5.50	15.00	63.33	949.91	471.91	p11
2	5	0.97	5	11	15	3.20	0.20	488.00	5.50	15.00	63.33	949.91	461.91	p11
2	5	0.98	5	12	15	4.05	0.05	499.00	5.50	15.00	63.33	949.91	450.91	p11
2	5	0.99	5	12	15	4.05	0.05	514.00	5.50	15.00	63.33	949.91	435.91	p11
2	10	0.85	10	3	15	1.25	1.25	340.00	5.50	15.00	63.33	949.91	609.91	p11
2	10	0.86	10	3	15	1.25	1.25	343.57	5.50	15.00	63.33	949.91	606.34	p11
2	10	0.87	10	3	15	1.25	1.25	347.69	5.50	15.00	63.33	949.91	602.22	p11
2	10	0.88	10	3	15	1.25	1.25	352.50	5.50	15.00	63.33	949.91	597.41	p11
2	10	0.89	10	3	15	1.25	1.25	358.18	5.50	15.00	63.33	949.91	591.73	p11
2	10	0.9	10	3	15	1.25	1.25	365.00	5.50	15.00	63.33	949.91	584.91	p11
2	10	0.91	10	3	15	1.25	1.25	373.33	5.50	15.00	63.33	949.91	576.58	p11
2	10	0.92	10	3	15	1.25	1.25	383.75	5.50	15.00	63.33	949.91	566.16	p11
2	10	0.93	10	4	15	1.80	0.80	394.57	5.50	15.00	63.33	949.91	555.34	p11
2	10	0.94	10	4	15	1.80	0.80	406.00	5.50	15.00	63.33	949.91	543.91	p11
2	10	0.95	10	5	15	2.45	0.45	416.00	5.50	15.00	63.33	949.91	533.91	p11
2	10	0.96	10	6	15	3.20	0.20	428.00	5.50	15.00	63.33	949.91	521.91	p11
2	10	0.97	10	6	15	3.20	0.20	438.00	5.50	15.00	63.33	949.91	511.91	p11
2	10	0.98	10	7	15	4.05	0.05	449.00	5.50	15.00	63.33	949.91	500.91	p11
2	10	0.99	10	7	15	4.05	0.05	464.00	5.50	15.00	63.33	949.91	485.91	p11
2	15	0.85	15	0	17	1.25	1.25	350.00	6.94	17.00	59.15	1005.54	655.54	p11
2	15	0.86	15	0	17	1.25	1.25	353.57	6.94	17.00	59.15	1005.54	651.97	p11
2	15	0.87	15	0	17	1.25	1.25	357.69	6.94	17.00	59.15	1005.54	647.85	p11
2	15	0.88	15	0	17	1.25	1.25	362.50	6.94	17.00	59.15	1005.54	643.04	p11
2	15	0.89	15	0	17	1.25	1.25	368.18	6.94	17.00	59.15	1005.54	637.36	p11
2	15	0.9	15	0	17	1.25	1.25	375.00	6.94	17.00	59.15	1005.54	630.54	p11
2	15	0.91	15	0	17	1.25	1.25	383.33	6.94	17.00	59.15	1005.54	622.21	p11
2	15	0.92	15	0	16	1.80	0.80	366.00	6.21	16.00	61.17	978.77	612.77	p11
2	15	0.93	15	0	16	1.80	0.80	374.57	6.21	16.00	61.17	978.77	604.20	p11
2	15	0.94	15	0	15	2.45	0.45	357.00	5.50	15.00	63.33	949.91	592.91	p11
2	15	0.95	15	0	15	2.45	0.45	366.00	5.50	15.00	63.33	949.91	583.91	p11
2	15	0.96	15	1	15	3.20	0.20	378.00	5.50	15.00	63.33	949.91	571.91	p11
2	15	0.97	15	1	15	3.20	0.20	388.00	5.50	15.00	63.33	949.91	561.91	p11
2	15	0.98	15	2	15	4.05	0.05	399.00	5.50	15.00	63.33	949.91	550.91	p11
2	15	0.99	15	2	15	4.05	0.05	414.00	5.50	15.00	63.33	949.91	535.91	p11
2	20	0.85	20	0	22	1.25	1.25	450.00	10.88	22.00	50.54	1111.94	661.94	p11
2	20	0.86	20	0	22	1.25	1.25	453.57	10.88	22.00	50.54	1111.94	658.37	p11
2	20	0.87	20	0	22	1.25	1.25	457.69	10.88	22.00	50.54	1111.94	654.25	p11
2	20	0.88	20	0	22	1.25	1.25	462.50	10.88	22.00	50.54	1111.94	649.44	p11
2	20	0.89	20	0	21	1.80	0.80	449.64	10.06	21.00	52.10	1094.01	644.37	p11
2	20	0.9	20	0	21	1.80	0.80	454.00	10.06	21.00	52.10	1094.01	640.01	p11
2	20	0.91	20	0	21	1.80	0.80	459.33	10.06	21.00	52.10	1094.01	634.68	p11
2	20	0.92	20	0	20	2.45	0.45	445.75	9.26	20.00	53.72	1074.49	628.74	p11
2	20	0.93	20	0	20	2.45	0.45	450.57	9.26	20.00	53.72	1074.49	623.92	p11
2	20	0.94	20	0	20	2.45	0.45	457.00	9.26	20.00	53.72	1074.49	617.49	p11
2	20	0.95	20	0	19	3.20	0.20	442.00	8.47	19.00	55.44	1053.29	611.30	p11
2	20	0.96	20	0	19	3.20	0.20	448.00	8.47	19.00	55.44	1053.29	605.30	p11
2	20	0.97	20	0	18	4.05	0.05	434.00	7.70	18.00	57.24	1030.34	596.35	p11
2	20	0.98	20	0	18	4.05	0.05	439.00	7.70	18.00	57.24	1030.34	591.35	p11
2	20	0.99	20	0	17	5.00	0.00	430.00	6.94	17.00	59.15	1005.54	575.54	p11
2	25	0.85	25	0	26	1.80	0.80	538.00	14.31	26.00	44.97	1169.13	631.13	p11
2	25	0.86	25	0	26	1.80	0.80	540.29	14.31	26.00	44.97	1169.13	628.84	p11
2	25	0.87	25	0	26	1.80	0.80	542.92	14.31	26.00	44.97	1169.13	626.20	p11
2	25	0.88	25	0	26	1.80	0.80	546.00	14.31	26.00	44.97	1169.13	623.13	p11
2	25	0.89	25	0	25	2.45	0.45	536.55	13.43	25.00	46.28	1156.89	620.35	p11
2	25	0.9	25	0	25	2.45	0.45	539.00	13.43	25.00	46.28	1156.89	617.89	p11
2	25	0.91	25	0	25	2.45	0.45	542.00	13.43	25.00	46.28	1156.89	614.89	p11
2	25	0.92	25	0	25	2.45	0.45	545.75	13.43	25.00	46.28	1156.89	611.14	p11
2	25	0.93	25	0	24	3.20	0.20	535.14	12.57	24.00	47.64	1143.32	608.18	p11
2	25	0.94	25	0	24	3.20	0.20	538.00	12.57	24.00	47.64	1143.32	605.32	p11
2	25	0.95	25	0	24	3.20	0.20	542.00	12.57	24.00	47.64	1143.32	601.32	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
2	25	0.96	25	0	23	4.05	0.05	531.50	11.72	23.00	49.06	1128.36	596.86	p11
2	25	0.97	25	0	23	4.05	0.05	534.00	11.72	23.00	49.06	1128.36	594.36	p11
2	25	0.98	25	0	23	4.05	0.05	539.00	11.72	23.00	49.06	1128.36	589.36	p11
2	25	0.99	25	0	22	5.00	0.00	530.00	10.88	22.00	50.54	1111.94	581.94	p11
2	30	0.85	30	0	30	2.45	0.45	630.00	17.94	30.00	40.19	1205.69	575.69	p11
2	30	0.86	30	0	30	2.45	0.45	631.29	17.94	30.00	40.19	1205.69	574.40	p11
2	30	0.87	30	0	30	2.45	0.45	632.77	17.94	30.00	40.19	1205.69	572.92	p11
2	30	0.88	30	0	30	2.45	0.45	634.50	17.94	30.00	40.19	1205.69	571.19	p11
2	30	0.89	30	0	29	3.20	0.20	628.91	17.02	29.00	41.32	1198.32	569.41	p11
2	30	0.9	30	0	29	3.20	0.20	630.00	17.02	29.00	41.32	1198.32	568.32	p11
2	30	0.91	30	0	29	3.20	0.20	631.33	17.02	29.00	41.32	1198.32	566.98	p11
2	30	0.92	30	0	29	3.20	0.20	633.00	17.02	29.00	41.32	1198.32	565.32	p11
2	30	0.93	30	0	29	3.20	0.20	635.14	17.02	29.00	41.32	1198.32	563.17	p11
2	30	0.94	30	0	28	4.05	0.05	629.00	16.10	28.00	42.49	1189.79	560.79	p11
2	30	0.95	30	0	28	4.05	0.05	630.00	16.10	28.00	42.49	1189.79	559.79	p11
2	30	0.96	30	0	28	4.05	0.05	631.50	16.10	28.00	42.49	1189.79	558.29	p11
2	30	0.97	30	0	28	4.05	0.05	634.00	16.10	28.00	42.49	1189.79	555.79	p11
2	30	0.98	30	0	27	5.00	0.00	630.00	15.20	27.00	43.71	1180.08	550.08	p11
2	30	0.99	30	0	27	5.00	0.00	630.00	15.20	27.00	43.71	1180.08	550.08	p11
2	35	0.85	35	0	34	3.20	0.20	726.00	21.76	34.00	36.01	1224.39	498.39	p11
2	35	0.86	35	0	34	3.20	0.20	726.57	21.76	34.00	36.01	1224.39	497.82	p11
2	35	0.87	35	0	34	3.20	0.20	727.23	21.76	34.00	36.01	1224.39	497.16	p11
2	35	0.88	35	0	34	3.20	0.20	728.00	21.76	34.00	36.01	1224.39	496.39	p11
2	35	0.89	35	0	34	3.20	0.20	728.91	21.76	34.00	36.01	1224.39	495.48	p11
2	35	0.9	35	0	33	4.05	0.05	727.00	20.79	33.00	37.01	1221.27	494.27	p11
2	35	0.91	35	0	33	4.05	0.05	727.33	20.79	33.00	37.01	1221.27	493.93	p11
2	35	0.92	35	0	33	4.05	0.05	727.75	20.79	33.00	37.01	1221.27	493.52	p11
2	35	0.93	35	0	33	4.05	0.05	728.29	20.79	33.00	37.01	1221.27	492.98	p11
2	35	0.94	35	0	33	4.05	0.05	729.00	20.79	33.00	37.01	1221.27	492.27	p11
2	35	0.95	35	0	33	4.05	0.05	730.00	20.79	33.00	37.01	1221.27	491.27	p11
2	35	0.96	35	0	33	4.05	0.05	731.50	20.79	33.00	37.01	1221.27	489.77	p11
2	35	0.97	35	0	32	5.00	0.00	730.00	19.83	32.00	38.04	1217.13	487.13	p11
2	35	0.98	35	0	32	5.00	0.00	730.00	19.83	32.00	38.04	1217.13	487.13	p11
2	35	0.99	35	0	32	5.00	0.00	730.00	19.83	32.00	38.04	1217.13	487.13	p11
2	40	0.85	40	0	38	4.05	0.05	826.00	25.73	38.00	32.30	1227.35	401.35	p11
2	40	0.86	40	0	38	4.05	0.05	826.14	25.73	38.00	32.30	1227.35	401.21	p11
2	40	0.87	40	0	38	4.05	0.05	826.31	25.73	38.00	32.30	1227.35	401.05	p11
2	40	0.88	40	0	38	4.05	0.05	826.50	25.73	38.00	32.30	1227.35	400.85	p11
2	40	0.89	40	0	38	4.05	0.05	826.73	25.73	38.00	32.30	1227.35	400.63	p11
2	40	0.9	40	0	38	4.05	0.05	827.00	25.73	38.00	32.30	1227.35	400.35	p11
2	40	0.91	40	0	38	4.05	0.05	827.33	25.73	38.00	32.30	1227.35	400.02	p11
2	40	0.92	40	0	38	4.05	0.05	827.75	25.73	38.00	32.30	1227.35	399.60	p11
2	40	0.93	40	0	38	4.05	0.05	828.29	25.73	38.00	32.30	1227.35	399.07	p11
2	40	0.94	40	0	37	5.00	0.00	830.00	24.72	37.00	33.19	1227.99	397.99	p11
2	40	0.95	40	0	37	5.00	0.00	830.00	24.72	37.00	33.19	1227.99	397.99	p11
2	40	0.96	40	0	37	5.00	0.00	830.00	24.72	37.00	33.19	1227.99	397.99	p11
2	40	0.97	40	0	37	5.00	0.00	830.00	24.72	37.00	33.19	1227.99	397.99	p11
2	40	0.98	40	0	37	5.00	0.00	830.00	24.72	37.00	33.19	1227.99	397.99	p11
2	40	0.99	40	0	37	5.00	0.00	830.00	24.72	37.00	33.19	1227.99	397.99	p11
2	45	0.85	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.86	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.87	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.88	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.89	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.9	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.91	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.92	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.93	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.94	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.95	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
2	45	0.96	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.97	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.98	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	45	0.99	45	0	42	5.00	0.00	930.00	29.84	42.00	28.96	1216.23	286.23	p11
2	50	0.85	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.86	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.87	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.88	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.89	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.9	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.91	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.92	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.93	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.94	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.95	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.96	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.97	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.98	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	50	0.99	49	0	45	7.20	0.00	1023.20	33.01	44.00	26.65	1172.81	149.61	p11
2	55	0.85	24	0	27	12.48	0.00	554.90	15.20	15.20	43.71	664.31	109.41	p12
2	55	0.86	24	0	27	12.48	0.00	554.90	15.20	15.20	43.71	664.31	109.41	p12
2	55	0.87	24	0	27	12.48	0.00	554.90	15.20	15.20	43.71	664.31	109.41	p12
2	55	0.88	25	0	27	14.11	0.00	584.68	15.20	15.20	43.71	664.31	79.63	p12
2	55	0.89	25	0	27	14.11	0.00	584.68	15.20	15.20	43.71	664.31	79.63	p12
2	55	0.9	26	0	27	15.84	0.00	615.06	15.20	15.20	43.71	664.31	49.25	p12
2	55	0.91	26	0	27	15.84	0.00	615.06	15.20	15.20	43.71	664.31	49.25	p12
2	55	0.92	27	0	27	17.67	0.00	646.04	15.20	15.20	43.71	664.31	18.27	p12
2	55	0.93	27	0	27	17.67	0.00	646.04	15.20	15.20	43.71	664.31	18.27	p12
2	55	0.94	27	0	27	17.67	0.00	646.04	15.20	15.20	43.71	664.31	18.27	p12
2	55	0.95	28	0	27	19.60	0.00	677.62	15.20	15.20	43.71	664.31	-13.32	p12
2	55	0.96	28	0	27	19.60	0.00	677.62	15.20	15.20	43.71	664.31	-13.32	p12
2	55	0.97	29	0	27	21.63	0.00	709.80	15.20	15.20	43.71	664.31	-45.50	p12
2	55	0.98	29	0	27	21.63	0.00	709.80	15.20	15.20	43.71	664.31	-45.50	p12
2	55	0.99	30	0	27	23.76	0.00	742.58	15.20	15.20	43.71	664.31	-78.28	p12
2	60	0.85	24	0	27	12.48	0.00	554.90	15.20	15.20	43.71	664.31	109.41	p12
2	60	0.86	24	0	27	12.48	0.00	554.90	15.20	15.20	43.71	664.31	109.41	p12
2	60	0.87	24	0	27	12.48	0.00	554.90	15.20	15.20	43.71	664.31	109.41	p12
2	60	0.88	25	0	27	14.11	0.00	584.68	15.20	15.20	43.71	664.31	79.63	p12
2	60	0.89	25	0	27	14.11	0.00	584.68	15.20	15.20	43.71	664.31	79.63	p12
2	60	0.9	26	0	27	15.84	0.00	615.06	15.20	15.20	43.71	664.31	49.25	p12
2	60	0.91	26	0	27	15.84	0.00	615.06	15.20	15.20	43.71	664.31	49.25	p12
2	60	0.92	27	0	27	17.67	0.00	646.04	15.20	15.20	43.71	664.31	18.27	p12
2	60	0.93	27	0	27	17.67	0.00	646.04	15.20	15.20	43.71	664.31	18.27	p12
2	60	0.94	27	0	27	17.67	0.00	646.04	15.20	15.20	43.71	664.31	18.27	p12
2	60	0.95	28	0	27	19.60	0.00	677.62	15.20	15.20	43.71	664.31	-13.32	p12
2	60	0.96	28	0	27	19.60	0.00	677.62	15.20	15.20	43.71	664.31	-13.32	p12
2	60	0.97	29	0	27	21.63	0.00	709.80	15.20	15.20	43.71	664.31	-45.50	p12
2	60	0.98	29	0	27	21.63	0.00	709.80	15.20	15.20	43.71	664.31	-45.50	p12
2	60	0.99	30	0	27	23.76	0.00	742.58	15.20	15.20	43.71	664.31	-78.28	p12
3	0	0.85	0	12	15	1.25	1.25	410.00	5.50	15.00	63.33	949.91	539.91	p11
3	0	0.86	0	12	15	1.25	1.25	413.57	5.50	15.00	63.33	949.91	536.34	p11
3	0	0.87	0	12	15	1.25	1.25	417.69	5.50	15.00	63.33	949.91	532.22	p11
3	0	0.88	0	12	15	1.25	1.25	422.50	5.50	15.00	63.33	949.91	527.41	p11
3	0	0.89	0	12	15	1.25	1.25	428.18	5.50	15.00	63.33	949.91	521.73	p11
3	0	0.9	0	12	15	1.25	1.25	435.00	5.50	15.00	63.33	949.91	514.91	p11
3	0	0.91	0	12	15	1.25	1.25	443.33	5.50	15.00	63.33	949.91	506.58	p11
3	0	0.92	0	12	15	1.25	1.25	453.75	5.50	15.00	63.33	949.91	496.16	p11
3	0	0.93	0	13	15	1.80	0.80	464.57	5.50	15.00	63.33	949.91	485.34	p11
3	0	0.94	0	13	15	1.80	0.80	476.00	5.50	15.00	63.33	949.91	473.91	p11
3	0	0.95	0	14	15	2.45	0.45	486.00	5.50	15.00	63.33	949.91	463.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	0	0.96	0	15	15	3.20	0.20	498.00	5.50	15.00	63.33	949.91	451.91	p11
3	0	0.97	0	15	15	3.20	0.20	508.00	5.50	15.00	63.33	949.91	441.91	p11
3	0	0.98	0	16	15	4.05	0.05	519.00	5.50	15.00	63.33	949.91	430.91	p11
3	0	0.99	0	16	15	4.05	0.05	534.00	5.50	15.00	63.33	949.91	415.91	p11
3	5	0.85	5	7	15	1.25	1.25	360.00	5.50	15.00	63.33	949.91	589.91	p11
3	5	0.86	5	7	15	1.25	1.25	363.57	5.50	15.00	63.33	949.91	586.34	p11
3	5	0.87	5	7	15	1.25	1.25	367.69	5.50	15.00	63.33	949.91	582.22	p11
3	5	0.88	5	7	15	1.25	1.25	372.50	5.50	15.00	63.33	949.91	577.41	p11
3	5	0.89	5	7	15	1.25	1.25	378.18	5.50	15.00	63.33	949.91	571.73	p11
3	5	0.9	5	7	15	1.25	1.25	385.00	5.50	15.00	63.33	949.91	564.91	p11
3	5	0.91	5	7	15	1.25	1.25	393.33	5.50	15.00	63.33	949.91	556.58	p11
3	5	0.92	5	7	15	1.25	1.25	403.75	5.50	15.00	63.33	949.91	546.16	p11
3	5	0.93	5	8	15	1.80	0.80	414.57	5.50	15.00	63.33	949.91	535.34	p11
3	5	0.94	5	8	15	1.80	0.80	426.00	5.50	15.00	63.33	949.91	523.91	p11
3	5	0.95	5	9	15	2.45	0.45	436.00	5.50	15.00	63.33	949.91	513.91	p11
3	5	0.96	5	10	15	3.20	0.20	448.00	5.50	15.00	63.33	949.91	501.91	p11
3	5	0.97	5	10	15	3.20	0.20	458.00	5.50	15.00	63.33	949.91	491.91	p11
3	5	0.98	5	11	15	4.05	0.05	469.00	5.50	15.00	63.33	949.91	480.91	p11
3	5	0.99	5	11	15	4.05	0.05	484.00	5.50	15.00	63.33	949.91	465.91	p11
3	10	0.85	10	2	15	1.25	1.25	310.00	5.50	15.00	63.33	949.91	639.91	p11
3	10	0.86	10	2	15	1.25	1.25	313.57	5.50	15.00	63.33	949.91	636.34	p11
3	10	0.87	10	2	15	1.25	1.25	317.69	5.50	15.00	63.33	949.91	632.22	p11
3	10	0.88	10	2	15	1.25	1.25	322.50	5.50	15.00	63.33	949.91	627.41	p11
3	10	0.89	10	2	15	1.25	1.25	328.18	5.50	15.00	63.33	949.91	621.73	p11
3	10	0.9	10	2	15	1.25	1.25	335.00	5.50	15.00	63.33	949.91	614.91	p11
3	10	0.91	10	2	15	1.25	1.25	343.33	5.50	15.00	63.33	949.91	606.58	p11
3	10	0.92	10	2	15	1.25	1.25	353.75	5.50	15.00	63.33	949.91	596.16	p11
3	10	0.93	10	3	15	1.80	0.80	364.57	5.50	15.00	63.33	949.91	585.34	p11
3	10	0.94	10	3	15	1.80	0.80	376.00	5.50	15.00	63.33	949.91	573.91	p11
3	10	0.95	10	4	15	2.45	0.45	386.00	5.50	15.00	63.33	949.91	563.91	p11
3	10	0.96	10	5	15	3.20	0.20	398.00	5.50	15.00	63.33	949.91	551.91	p11
3	10	0.97	10	5	15	3.20	0.20	408.00	5.50	15.00	63.33	949.91	541.91	p11
3	10	0.98	10	6	15	4.05	0.05	419.00	5.50	15.00	63.33	949.91	530.91	p11
3	10	0.99	10	6	15	4.05	0.05	434.00	5.50	15.00	63.33	949.91	515.91	p11
3	15	0.85	15	0	18	1.25	1.25	350.00	7.70	18.00	57.24	1030.34	680.35	p11
3	15	0.86	15	0	18	1.25	1.25	353.57	7.70	18.00	57.24	1030.34	676.77	p11
3	15	0.87	15	0	18	1.25	1.25	357.69	7.70	18.00	57.24	1030.34	672.65	p11
3	15	0.88	15	0	18	1.25	1.25	362.50	7.70	18.00	57.24	1030.34	667.85	p11
3	15	0.89	15	0	18	1.25	1.25	368.18	7.70	18.00	57.24	1030.34	662.16	p11
3	15	0.9	15	0	18	1.25	1.25	375.00	7.70	18.00	57.24	1030.34	655.35	p11
3	15	0.91	15	0	18	1.25	1.25	383.33	7.70	18.00	57.24	1030.34	647.01	p11
3	15	0.92	15	0	17	1.80	0.80	366.00	6.94	17.00	59.15	1005.54	639.54	p11
3	15	0.93	15	0	17	1.80	0.80	374.57	6.94	17.00	59.15	1005.54	630.97	p11
3	15	0.94	15	0	16	2.45	0.45	357.00	6.21	16.00	61.17	978.77	621.77	p11
3	15	0.95	15	0	16	2.45	0.45	366.00	6.21	16.00	61.17	978.77	612.77	p11
3	15	0.96	15	0	15	3.20	0.20	348.00	5.50	15.00	63.33	949.91	601.91	p11
3	15	0.97	15	0	15	3.20	0.20	358.00	5.50	15.00	63.33	949.91	591.91	p11
3	15	0.98	15	1	15	4.05	0.05	369.00	5.50	15.00	63.33	949.91	580.91	p11
3	15	0.99	15	1	15	4.05	0.05	384.00	5.50	15.00	63.33	949.91	565.91	p11
3	20	0.85	20	0	23	1.25	1.25	450.00	11.72	23.00	49.06	1128.36	678.36	p11
3	20	0.86	20	0	23	1.25	1.25	453.57	11.72	23.00	49.06	1128.36	674.79	p11
3	20	0.87	20	0	23	1.25	1.25	457.69	11.72	23.00	49.06	1128.36	670.66	p11
3	20	0.88	20	0	22	1.80	0.80	446.00	10.88	22.00	50.54	1111.94	665.94	p11
3	20	0.89	20	0	22	1.80	0.80	449.64	10.88	22.00	50.54	1111.94	662.31	p11
3	20	0.9	20	0	22	1.80	0.80	454.00	10.88	22.00	50.54	1111.94	657.94	p11
3	20	0.91	20	0	22	1.80	0.80	459.33	10.88	22.00	50.54	1111.94	652.61	p11
3	20	0.92	20	0	21	2.45	0.45	445.75	10.06	21.00	52.10	1094.01	648.26	p11
3	20	0.93	20	0	21	2.45	0.45	450.57	10.06	21.00	52.10	1094.01	643.44	p11
3	20	0.94	20	0	21	2.45	0.45	457.00	10.06	21.00	52.10	1094.01	637.01	p11
3	20	0.95	20	0	20	3.20	0.20	442.00	9.26	20.00	53.72	1074.49	632.49	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	20	0.96	20	0	20	3.20	0.20	448.00	9.26	20.00	53.72	1074.49	626.49	p11
3	20	0.97	20	0	19	4.05	0.05	434.00	8.47	19.00	55.44	1053.29	619.30	p11
3	20	0.98	20	0	19	4.05	0.05	439.00	8.47	19.00	55.44	1053.29	614.30	p11
3	20	0.99	20	0	18	5.00	0.00	430.00	7.70	18.00	57.24	1030.34	600.35	p11
3	25	0.85	25	0	27	1.80	0.80	538.00	15.20	27.00	43.71	1180.08	642.08	p11
3	25	0.86	25	0	27	1.80	0.80	540.29	15.20	27.00	43.71	1180.08	639.79	p11
3	25	0.87	25	0	27	1.80	0.80	542.92	15.20	27.00	43.71	1180.08	637.16	p11
3	25	0.88	25	0	26	2.45	0.45	534.50	14.31	26.00	44.97	1169.13	634.63	p11
3	25	0.89	25	0	26	2.45	0.45	536.55	14.31	26.00	44.97	1169.13	632.58	p11
3	25	0.9	25	0	26	2.45	0.45	539.00	14.31	26.00	44.97	1169.13	630.13	p11
3	25	0.91	25	0	26	2.45	0.45	542.00	14.31	26.00	44.97	1169.13	627.13	p11
3	25	0.92	25	0	25	3.20	0.20	533.00	13.43	25.00	46.28	1156.89	623.89	p11
3	25	0.93	25	0	25	3.20	0.20	535.14	13.43	25.00	46.28	1156.89	621.75	p11
3	25	0.94	25	0	25	3.20	0.20	538.00	13.43	25.00	46.28	1156.89	618.89	p11
3	25	0.95	25	0	25	3.20	0.20	542.00	13.43	25.00	46.28	1156.89	614.89	p11
3	25	0.96	25	0	24	4.05	0.05	531.50	12.57	24.00	47.64	1143.32	611.82	p11
3	25	0.97	25	0	24	4.05	0.05	534.00	12.57	24.00	47.64	1143.32	609.32	p11
3	25	0.98	25	0	24	4.05	0.05	539.00	12.57	24.00	47.64	1143.32	604.32	p11
3	25	0.99	25	0	23	5.00	0.00	530.00	11.72	23.00	49.06	1128.36	598.36	p11
3	30	0.85	30	0	31	2.45	0.45	630.00	18.88	31.00	39.10	1211.95	581.95	p11
3	30	0.86	30	0	31	2.45	0.45	631.29	18.88	31.00	39.10	1211.95	580.66	p11
3	30	0.87	30	0	31	2.45	0.45	632.77	18.88	31.00	39.10	1211.95	579.18	p11
3	30	0.88	30	0	30	3.20	0.20	628.00	17.94	30.00	40.19	1205.69	577.69	p11
3	30	0.89	30	0	30	3.20	0.20	628.91	17.94	30.00	40.19	1205.69	576.78	p11
3	30	0.9	30	0	30	3.20	0.20	630.00	17.94	30.00	40.19	1205.69	575.69	p11
3	30	0.91	30	0	30	3.20	0.20	631.33	17.94	30.00	40.19	1205.69	574.36	p11
3	30	0.92	30	0	30	3.20	0.20	633.00	17.94	30.00	40.19	1205.69	572.69	p11
3	30	0.93	30	0	29	4.05	0.05	628.29	17.02	29.00	41.32	1198.32	570.03	p11
3	30	0.94	30	0	29	4.05	0.05	629.00	17.02	29.00	41.32	1198.32	569.32	p11
3	30	0.95	30	0	29	4.05	0.05	630.00	17.02	29.00	41.32	1198.32	568.32	p11
3	30	0.96	30	0	29	4.05	0.05	631.50	17.02	29.00	41.32	1198.32	566.82	p11
3	30	0.97	30	0	29	4.05	0.05	634.00	17.02	29.00	41.32	1198.32	564.32	p11
3	30	0.98	30	0	28	5.00	0.00	630.00	16.10	28.00	42.49	1189.79	559.79	p11
3	30	0.99	30	0	28	5.00	0.00	630.00	16.10	28.00	42.49	1189.79	559.79	p11
3	35	0.85	35	0	35	3.20	0.20	726.00	22.73	35.00	35.04	1226.54	500.54	p11
3	35	0.86	35	0	35	3.20	0.20	726.57	22.73	35.00	35.04	1226.54	499.97	p11
3	35	0.87	35	0	35	3.20	0.20	727.23	22.73	35.00	35.04	1226.54	499.31	p11
3	35	0.88	35	0	35	3.20	0.20	728.00	22.73	35.00	35.04	1226.54	498.54	p11
3	35	0.89	35	0	34	4.05	0.05	726.73	21.76	34.00	36.01	1224.39	497.67	p11
3	35	0.9	35	0	34	4.05	0.05	727.00	21.76	34.00	36.01	1224.39	497.39	p11
3	35	0.91	35	0	34	4.05	0.05	727.33	21.76	34.00	36.01	1224.39	497.06	p11
3	35	0.92	35	0	34	4.05	0.05	727.75	21.76	34.00	36.01	1224.39	496.64	p11
3	35	0.93	35	0	34	4.05	0.05	728.29	21.76	34.00	36.01	1224.39	496.11	p11
3	35	0.94	35	0	34	4.05	0.05	729.00	21.76	34.00	36.01	1224.39	495.39	p11
3	35	0.95	35	0	34	4.05	0.05	730.00	21.76	34.00	36.01	1224.39	494.39	p11
3	35	0.96	35	0	34	4.05	0.05	731.50	21.76	34.00	36.01	1224.39	492.89	p11
3	35	0.97	35	0	33	5.00	0.00	730.00	20.79	33.00	37.01	1221.27	491.27	p11
3	35	0.98	35	0	33	5.00	0.00	730.00	20.79	33.00	37.01	1221.27	491.27	p11
3	35	0.99	35	0	33	5.00	0.00	730.00	20.79	33.00	37.01	1221.27	491.27	p11
3	40	0.85	40	0	39	4.05	0.05	826.00	26.74	39.00	31.43	1225.83	399.84	p11
3	40	0.86	40	0	39	4.05	0.05	826.14	26.74	39.00	31.43	1225.83	399.69	p11
3	40	0.87	40	0	39	4.05	0.05	826.31	26.74	39.00	31.43	1225.83	399.53	p11
3	40	0.88	40	0	39	4.05	0.05	826.50	26.74	39.00	31.43	1225.83	399.34	p11
3	40	0.89	40	0	39	4.05	0.05	826.73	26.74	39.00	31.43	1225.83	399.11	p11
3	40	0.9	40	0	39	4.05	0.05	827.00	26.74	39.00	31.43	1225.83	398.84	p11
3	40	0.91	40	0	39	4.05	0.05	827.33	26.74	39.00	31.43	1225.83	398.50	p11
3	40	0.92	40	0	39	4.05	0.05	827.75	26.74	39.00	31.43	1225.83	398.09	p11
3	40	0.93	40	0	38	5.00	0.00	830.00	25.73	38.00	32.30	1227.35	397.35	p11
3	40	0.94	40	0	38	5.00	0.00	830.00	25.73	38.00	32.30	1227.35	397.35	p11
3	40	0.95	40	0	38	5.00	0.00	830.00	25.73	38.00	32.30	1227.35	397.35	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	40	0.96	40	0	38	5.00	0.00	830.00	25.73	38.00	32.30	1227.35	397.35	p11
3	40	0.97	40	0	38	5.00	0.00	830.00	25.73	38.00	32.30	1227.35	397.35	p11
3	40	0.98	40	0	38	5.00	0.00	830.00	25.73	38.00	32.30	1227.35	397.35	p11
3	40	0.99	40	0	38	5.00	0.00	830.00	25.73	38.00	32.30	1227.35	397.35	p11
3	45	0.85	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.86	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.87	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.88	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.89	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.9	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.91	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.92	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.93	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.94	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.95	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.96	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.97	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.98	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	45	0.99	45	0	43	5.00	0.00	930.00	30.89	43.00	28.17	1211.41	281.41	p11
3	50	0.85	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.86	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.87	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.88	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.89	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.9	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.91	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.92	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.93	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.94	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.95	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.96	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.97	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.98	48	0	46	7.20	0.00	1003.20	34.08	44.00	25.92	1140.53	137.33	p11
3	50	0.99	49	0	46	7.20	0.00	1023.20	34.08	45.00	25.92	1166.45	143.25	p11
3	55	0.85	23	0	27	12.48	0.00	534.90	15.20	15.20	43.71	664.31	129.41	p12
3	55	0.86	23	0	27	12.48	0.00	534.90	15.20	15.20	43.71	664.31	129.41	p12
3	55	0.87	23	0	27	12.48	0.00	534.90	15.20	15.20	43.71	664.31	129.41	p12
3	55	0.88	24	0	27	14.11	0.00	564.68	15.20	15.20	43.71	664.31	99.63	p12
3	55	0.89	24	0	27	14.11	0.00	564.68	15.20	15.20	43.71	664.31	99.63	p12
3	55	0.9	25	0	27	15.84	0.00	595.06	15.20	15.20	43.71	664.31	69.25	p12
3	55	0.91	25	0	27	15.84	0.00	595.06	15.20	15.20	43.71	664.31	69.25	p12
3	55	0.92	26	0	27	17.67	0.00	626.04	15.20	15.20	43.71	664.31	38.27	p12
3	55	0.93	26	0	27	17.67	0.00	626.04	15.20	15.20	43.71	664.31	38.27	p12
3	55	0.94	26	0	27	17.67	0.00	626.04	15.20	15.20	43.71	664.31	38.27	p12
3	55	0.95	27	0	27	19.60	0.00	657.62	15.20	15.20	43.71	664.31	6.68	p12
3	55	0.96	27	0	27	19.60	0.00	657.62	15.20	15.20	43.71	664.31	6.68	p12
3	55	0.97	28	0	27	21.63	0.00	689.80	15.20	15.20	43.71	664.31	-25.50	p12
3	55	0.98	28	0	27	21.63	0.00	689.80	15.20	15.20	43.71	664.31	-25.50	p12
3	55	0.99	29	0	27	23.76	0.00	722.58	15.20	15.20	43.71	664.31	-58.28	p12
3	60	0.85	23	0	27	12.48	0.00	534.90	15.20	15.20	43.71	664.31	129.41	p12
3	60	0.86	23	0	27	12.48	0.00	534.90	15.20	15.20	43.71	664.31	129.41	p12
3	60	0.87	23	0	27	12.48	0.00	534.90	15.20	15.20	43.71	664.31	129.41	p12
3	60	0.88	24	0	27	14.11	0.00	564.68	15.20	15.20	43.71	664.31	99.63	p12
3	60	0.89	24	0	27	14.11	0.00	564.68	15.20	15.20	43.71	664.31	99.63	p12
3	60	0.9	25	0	27	15.84	0.00	595.06	15.20	15.20	43.71	664.31	69.25	p12
3	60	0.91	25	0	27	15.84	0.00	595.06	15.20	15.20	43.71	664.31	69.25	p12
3	60	0.92	26	0	27	17.67	0.00	626.04	15.20	15.20	43.71	664.31	38.27	p12
3	60	0.93	26	0	27	17.67	0.00	626.04	15.20	15.20	43.71	664.31	38.27	p12
3	60	0.94	26	0	27	17.67	0.00	626.04	15.20	15.20	43.71	664.31	38.27	p12
3	60	0.95	27	0	27	19.60	0.00	657.62	15.20	15.20	43.71	664.31	6.68	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	60	0.96	27	0	27	19.60	0.00	657.62	15.20	15.20	43.71	664.31	6.68	p12
3	60	0.97	28	0	27	21.63	0.00	689.80	15.20	15.20	43.71	664.31	-25.50	p12
3	60	0.98	28	0	27	21.63	0.00	689.80	15.20	15.20	43.71	664.31	-25.50	p12
3	60	0.99	29	0	27	23.76	0.00	722.58	15.20	15.20	43.71	664.31	-58.28	p12
4	0	0.85	0	11	15	1.25	1.25	380.00	5.50	15.00	63.33	949.91	569.91	p11
4	0	0.86	0	11	15	1.25	1.25	383.57	5.50	15.00	63.33	949.91	566.34	p11
4	0	0.87	0	11	15	1.25	1.25	387.69	5.50	15.00	63.33	949.91	562.22	p11
4	0	0.88	0	11	15	1.25	1.25	392.50	5.50	15.00	63.33	949.91	557.41	p11
4	0	0.89	0	11	15	1.25	1.25	398.18	5.50	15.00	63.33	949.91	551.73	p11
4	0	0.9	0	11	15	1.25	1.25	405.00	5.50	15.00	63.33	949.91	544.91	p11
4	0	0.91	0	11	15	1.25	1.25	413.33	5.50	15.00	63.33	949.91	536.58	p11
4	5	0.85	5	6	15	1.25	1.25	330.00	5.50	15.00	63.33	949.91	619.91	p11
4	0	0.93	0	12	15	1.80	0.80	434.57	5.50	15.00	63.33	949.91	515.34	p11
4	0	0.94	0	12	15	1.80	0.80	446.00	5.50	15.00	63.33	949.91	503.91	p11
4	0	0.95	0	13	15	2.45	0.45	456.00	5.50	15.00	63.33	949.91	493.91	p11
4	0	0.96	0	14	15	3.20	0.20	468.00	5.50	15.00	63.33	949.91	481.91	p11
4	0	0.97	0	14	15	3.20	0.20	478.00	5.50	15.00	63.33	949.91	471.91	p11
4	10	0.85	10	1	15	1.25	1.25	280.00	5.50	15.00	63.33	949.91	669.91	p11
4	0	0.99	0	15	15	4.05	0.05	504.00	5.50	15.00	63.33	949.91	445.91	p11
4	15	0.85	15	0	19	1.25	1.25	350.00	8.47	19.00	55.44	1053.29	703.30	p11
4	5	0.86	5	6	15	1.25	1.25	333.57	5.50	15.00	63.33	949.91	616.34	p11
4	5	0.87	5	6	15	1.25	1.25	337.69	5.50	15.00	63.33	949.91	612.22	p11
4	5	0.88	5	6	15	1.25	1.25	342.50	5.50	15.00	63.33	949.91	607.41	p11
4	5	0.89	5	6	15	1.25	1.25	348.18	5.50	15.00	63.33	949.91	601.73	p11
4	5	0.9	5	6	15	1.25	1.25	355.00	5.50	15.00	63.33	949.91	594.91	p11
4	5	0.91	5	6	15	1.25	1.25	363.33	5.50	15.00	63.33	949.91	586.58	p11
4	20	0.85	20	0	24	1.25	1.25	450.00	12.57	24.00	47.64	1143.32	693.32	p11
4	5	0.93	5	7	15	1.80	0.80	384.57	5.50	15.00	63.33	949.91	565.34	p11
4	5	0.94	5	7	15	1.80	0.80	396.00	5.50	15.00	63.33	949.91	553.91	p11
4	5	0.95	5	8	15	2.45	0.45	406.00	5.50	15.00	63.33	949.91	543.91	p11
4	5	0.96	5	9	15	3.20	0.20	418.00	5.50	15.00	63.33	949.91	531.91	p11
4	5	0.97	5	9	15	3.20	0.20	428.00	5.50	15.00	63.33	949.91	521.91	p11
4	25	0.85	25	0	28	1.80	0.80	538.00	16.10	28.00	42.49	1189.79	651.79	p11
4	5	0.99	5	10	15	4.05	0.05	454.00	5.50	15.00	63.33	949.91	495.91	p11
4	30	0.85	30	0	32	2.45	0.45	630.00	19.83	32.00	38.04	1217.13	587.13	p11
4	10	0.86	10	1	15	1.25	1.25	283.57	5.50	15.00	63.33	949.91	666.34	p11
4	10	0.87	10	1	15	1.25	1.25	287.69	5.50	15.00	63.33	949.91	662.22	p11
4	10	0.88	10	1	15	1.25	1.25	292.50	5.50	15.00	63.33	949.91	657.41	p11
4	10	0.89	10	1	15	1.25	1.25	298.18	5.50	15.00	63.33	949.91	651.73	p11
4	10	0.9	10	1	15	1.25	1.25	305.00	5.50	15.00	63.33	949.91	644.91	p11
4	10	0.91	10	1	15	1.25	1.25	313.33	5.50	15.00	63.33	949.91	636.58	p11
4	35	0.85	35	0	36	3.20	0.20	726.00	23.72	36.00	34.10	1227.73	501.73	p11
4	10	0.93	10	2	15	1.80	0.80	334.57	5.50	15.00	63.33	949.91	615.34	p11
4	10	0.94	10	2	15	1.80	0.80	346.00	5.50	15.00	63.33	949.91	603.91	p11
4	10	0.95	10	3	15	2.45	0.45	356.00	5.50	15.00	63.33	949.91	593.91	p11
4	10	0.96	10	4	15	3.20	0.20	368.00	5.50	15.00	63.33	949.91	581.91	p11
4	10	0.97	10	4	15	3.20	0.20	378.00	5.50	15.00	63.33	949.91	571.91	p11
4	40	0.85	40	0	40	4.05	0.05	826.00	27.77	40.00	30.59	1223.46	397.46	p11
4	10	0.99	10	5	15	4.05	0.05	404.00	5.50	15.00	63.33	949.91	545.91	p11
4	45	0.85	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	15	0.86	15	0	19	1.25	1.25	353.57	8.47	19.00	55.44	1053.29	699.72	p11
4	15	0.87	15	0	19	1.25	1.25	357.69	8.47	19.00	55.44	1053.29	695.60	p11
4	15	0.88	15	0	19	1.25	1.25	362.50	8.47	19.00	55.44	1053.29	690.80	p11
4	15	0.89	15	0	19	1.25	1.25	368.18	8.47	19.00	55.44	1053.29	685.11	p11
4	15	0.9	15	0	19	1.25	1.25	375.00	8.47	19.00	55.44	1053.29	678.30	p11
4	15	0.91	15	0	18	1.80	0.80	359.33	7.70	18.00	57.24	1030.34	671.01	p11
4	50	0.85	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	15	0.93	15	0	18	1.80	0.80	374.57	7.70	18.00	57.24	1030.34	655.77	p11
4	15	0.94	15	0	17	2.45	0.45	357.00	6.94	17.00	59.15	1005.54	648.54	p11
4	15	0.95	15	0	17	2.45	0.45	366.00	6.94	17.00	59.15	1005.54	639.54	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
4	15	0.96	15	0	16	3.20	0.20	348.00	6.21	16.00	61.17	978.77	630.77	p11
4	15	0.97	15	0	16	3.20	0.20	358.00	6.21	16.00	61.17	978.77	620.77	p11
4	55	0.85	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	15	0.99	15	0	15	4.05	0.05	354.00	5.50	15.00	63.33	949.91	595.91	p11
4	60	0.85	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	20	0.86	20	0	24	1.25	1.25	453.57	12.57	24.00	47.64	1143.32	689.75	p11
4	20	0.87	20	0	23	1.80	0.80	442.92	11.72	23.00	49.06	1128.36	685.43	p11
4	20	0.88	20	0	23	1.80	0.80	446.00	11.72	23.00	49.06	1128.36	682.36	p11
4	20	0.89	20	0	23	1.80	0.80	449.64	11.72	23.00	49.06	1128.36	678.72	p11
4	20	0.9	20	0	23	1.80	0.80	454.00	11.72	23.00	49.06	1128.36	674.36	p11
4	20	0.91	20	0	22	2.45	0.45	442.00	10.88	22.00	50.54	1111.94	669.94	p11
4	0	0.92	0	11	15	1.25	1.25	423.75	5.50	15.00	63.33	949.91	526.16	p11
4	20	0.93	20	0	22	2.45	0.45	450.57	10.88	22.00	50.54	1111.94	661.37	p11
4	20	0.94	20	0	21	3.20	0.20	438.00	10.06	21.00	52.10	1094.01	656.01	p11
4	20	0.95	20	0	21	3.20	0.20	442.00	10.06	21.00	52.10	1094.01	652.01	p11
4	20	0.96	20	0	21	3.20	0.20	448.00	10.06	21.00	52.10	1094.01	646.01	p11
4	20	0.97	20	0	20	4.05	0.05	434.00	9.26	20.00	53.72	1074.49	640.49	p11
4	5	0.92	5	6	15	1.25	1.25	373.75	5.50	15.00	63.33	949.91	576.16	p11
4	20	0.99	20	0	19	5.00	0.00	430.00	8.47	19.00	55.44	1053.29	623.30	p11
4	10	0.92	10	1	15	1.25	1.25	323.75	5.50	15.00	63.33	949.91	626.16	p11
4	25	0.86	25	0	28	1.80	0.80	540.29	16.10	28.00	42.49	1189.79	649.51	p11
4	25	0.87	25	0	27	2.45	0.45	532.77	15.20	27.00	43.71	1180.08	647.31	p11
4	25	0.88	25	0	27	2.45	0.45	534.50	15.20	27.00	43.71	1180.08	645.58	p11
4	25	0.89	25	0	27	2.45	0.45	536.55	15.20	27.00	43.71	1180.08	643.53	p11
4	25	0.9	25	0	27	2.45	0.45	539.00	15.20	27.00	43.71	1180.08	641.08	p11
4	25	0.91	25	0	26	3.20	0.20	531.33	14.31	26.00	44.97	1169.13	637.79	p11
4	15	0.92	15	0	18	1.80	0.80	366.00	7.70	18.00	57.24	1030.34	664.35	p11
4	25	0.93	25	0	26	3.20	0.20	535.14	14.31	26.00	44.97	1169.13	633.98	p11
4	25	0.94	25	0	26	3.20	0.20	538.00	14.31	26.00	44.97	1169.13	631.13	p11
4	25	0.95	25	0	25	4.05	0.05	530.00	13.43	25.00	46.28	1156.89	626.89	p11
4	25	0.96	25	0	25	4.05	0.05	531.50	13.43	25.00	46.28	1156.89	625.39	p11
4	25	0.97	25	0	25	4.05	0.05	534.00	13.43	25.00	46.28	1156.89	622.89	p11
4	20	0.92	20	0	22	2.45	0.45	445.75	10.88	22.00	50.54	1111.94	666.19	p11
4	25	0.99	25	0	24	5.00	0.00	530.00	12.57	24.00	47.64	1143.32	613.32	p11
4	25	0.92	25	0	26	3.20	0.20	533.00	14.31	26.00	44.97	1169.13	636.13	p11
4	30	0.86	30	0	32	2.45	0.45	631.29	19.83	32.00	38.04	1217.13	585.84	p11
4	30	0.87	30	0	31	3.20	0.20	627.23	18.88	31.00	39.10	1211.95	584.72	p11
4	30	0.88	30	0	31	3.20	0.20	628.00	18.88	31.00	39.10	1211.95	583.95	p11
4	30	0.89	30	0	31	3.20	0.20	628.91	18.88	31.00	39.10	1211.95	583.04	p11
4	30	0.9	30	0	31	3.20	0.20	630.00	18.88	31.00	39.10	1211.95	581.95	p11
4	30	0.91	30	0	31	3.20	0.20	631.33	18.88	31.00	39.10	1211.95	580.61	p11
4	30	0.92	30	0	31	3.20	0.20	633.00	18.88	31.00	39.10	1211.95	578.95	p11
4	30	0.93	30	0	30	4.05	0.05	628.29	17.94	30.00	40.19	1205.69	577.40	p11
4	30	0.94	30	0	30	4.05	0.05	629.00	17.94	30.00	40.19	1205.69	576.69	p11
4	30	0.95	30	0	30	4.05	0.05	630.00	17.94	30.00	40.19	1205.69	575.69	p11
4	30	0.96	30	0	30	4.05	0.05	631.50	17.94	30.00	40.19	1205.69	574.19	p11
4	30	0.97	30	0	30	4.05	0.05	634.00	17.94	30.00	40.19	1205.69	571.69	p11
4	35	0.92	35	0	35	4.05	0.05	727.75	22.73	35.00	35.04	1226.54	498.79	p11
4	30	0.99	30	0	29	5.00	0.00	630.00	17.02	29.00	41.32	1198.32	568.32	p11
4	40	0.92	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	35	0.86	35	0	36	3.20	0.20	726.57	23.72	36.00	34.10	1227.73	501.16	p11
4	35	0.87	35	0	35	4.05	0.05	726.31	22.73	35.00	35.04	1226.54	500.23	p11
4	35	0.88	35	0	35	4.05	0.05	726.50	22.73	35.00	35.04	1226.54	500.04	p11
4	35	0.89	35	0	35	4.05	0.05	726.73	22.73	35.00	35.04	1226.54	499.81	p11
4	35	0.9	35	0	35	4.05	0.05	727.00	22.73	35.00	35.04	1226.54	499.54	p11
4	35	0.91	35	0	35	4.05	0.05	727.33	22.73	35.00	35.04	1226.54	499.20	p11
4	45	0.92	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	35	0.93	35	0	35	4.05	0.05	728.29	22.73	35.00	35.04	1226.54	498.25	p11
4	35	0.94	35	0	35	4.05	0.05	729.00	22.73	35.00	35.04	1226.54	497.54	p11
4	35	0.95	35	0	35	4.05	0.05	730.00	22.73	35.00	35.04	1226.54	496.54	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
4	35	0.96	35	0	34	5.00	0.00	730.00	21.76	34.00	36.01	1224.39	494.39	p11
4	35	0.97	35	0	34	5.00	0.00	730.00	21.76	34.00	36.01	1224.39	494.39	p11
4	50	0.92	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	35	0.99	35	0	34	5.00	0.00	730.00	21.76	34.00	36.01	1224.39	494.39	p11
4	55	0.92	25	0	27	17.67	0.00	606.04	15.20	15.20	43.71	664.31	58.27	p12
4	40	0.86	40	0	40	4.05	0.05	826.14	27.77	40.00	30.59	1223.46	397.32	p11
4	40	0.87	40	0	40	4.05	0.05	826.31	27.77	40.00	30.59	1223.46	397.15	p11
4	40	0.88	40	0	40	4.05	0.05	826.50	27.77	40.00	30.59	1223.46	396.96	p11
4	40	0.89	40	0	40	4.05	0.05	826.73	27.77	40.00	30.59	1223.46	396.73	p11
4	40	0.9	40	0	40	4.05	0.05	827.00	27.77	40.00	30.59	1223.46	396.46	p11
4	40	0.91	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	60	0.92	25	0	27	17.67	0.00	606.04	15.20	15.20	43.71	664.31	58.27	p12
4	40	0.93	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	40	0.94	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	40	0.95	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	40	0.96	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	40	0.97	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	0	0.98	0	15	15	4.05	0.05	489.00	5.50	15.00	63.33	949.91	460.91	p11
4	40	0.99	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	5	0.98	5	10	15	4.05	0.05	439.00	5.50	15.00	63.33	949.91	510.91	p11
4	45	0.86	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.87	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.88	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.89	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.9	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.91	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	10	0.98	10	5	15	4.05	0.05	389.00	5.50	15.00	63.33	949.91	560.91	p11
4	45	0.93	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.94	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.95	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.96	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	45	0.97	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	15	0.98	15	0	15	4.05	0.05	339.00	5.50	15.00	63.33	949.91	610.91	p11
4	45	0.99	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	20	0.98	20	0	20	4.05	0.05	439.00	9.26	20.00	53.72	1074.49	635.49	p11
4	50	0.86	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	50	0.87	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	50	0.88	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	50	0.89	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	50	0.9	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	50	0.91	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	25	0.98	25	0	25	4.05	0.05	539.00	13.43	25.00	46.28	1156.89	617.89	p11
4	50	0.93	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	50	0.94	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	50	0.95	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	50	0.96	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	50	0.97	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	30	0.98	30	0	29	5.00	0.00	630.00	17.02	29.00	41.32	1198.32	568.32	p11
4	50	0.99	48	0	46	8.45	0.00	1010.70	34.08	44.00	25.92	1140.53	129.83	p11
4	35	0.98	35	0	34	5.00	0.00	730.00	21.76	34.00	36.01	1224.39	494.39	p11
4	55	0.86	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	55	0.87	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	55	0.88	23	0	27	14.11	0.00	544.68	15.20	15.20	43.71	664.31	119.63	p12
4	55	0.89	23	0	27	14.11	0.00	544.68	15.20	15.20	43.71	664.31	119.63	p12
4	55	0.9	24	0	27	15.84	0.00	575.06	15.20	15.20	43.71	664.31	89.25	p12
4	55	0.91	24	0	27	15.84	0.00	575.06	15.20	15.20	43.71	664.31	89.25	p12
4	40	0.98	40	0	39	5.00	0.00	830.00	26.74	39.00	31.43	1225.83	395.84	p11
4	55	0.93	25	0	27	17.67	0.00	606.04	15.20	15.20	43.71	664.31	58.27	p12
4	55	0.94	25	0	27	17.67	0.00	606.04	15.20	15.20	43.71	664.31	58.27	p12
4	55	0.95	26	0	27	19.60	0.00	637.62	15.20	15.20	43.71	664.31	26.68	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
4	55	0.96	26	0	27	19.60	0.00	637.62	15.20	15.20	43.71	664.31	26.68	p12
4	55	0.97	27	0	27	21.63	0.00	669.80	15.20	15.20	43.71	664.31	-5.50	p12
4	45	0.98	45	0	44	5.00	0.00	930.00	31.94	44.00	27.41	1205.82	275.82	p11
4	55	0.99	28	0	27	23.76	0.00	702.58	15.20	15.20	43.71	664.31	-38.28	p12
4	50	0.98	47	0	46	8.45	0.00	990.70	34.08	43.00	25.92	1114.61	123.91	p11
4	60	0.86	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	60	0.87	22	0	27	12.48	0.00	514.90	15.20	15.20	43.71	664.31	149.41	p12
4	60	0.88	23	0	27	14.11	0.00	544.68	15.20	15.20	43.71	664.31	119.63	p12
4	60	0.89	23	0	27	14.11	0.00	544.68	15.20	15.20	43.71	664.31	119.63	p12
4	60	0.9	24	0	27	15.84	0.00	575.06	15.20	15.20	43.71	664.31	89.25	p12
4	60	0.91	24	0	27	15.84	0.00	575.06	15.20	15.20	43.71	664.31	89.25	p12
4	55	0.98	27	0	27	21.63	0.00	669.80	15.20	15.20	43.71	664.31	-5.50	p12
4	60	0.93	25	0	27	17.67	0.00	606.04	15.20	15.20	43.71	664.31	58.27	p12
4	60	0.94	25	0	27	17.67	0.00	606.04	15.20	15.20	43.71	664.31	58.27	p12
4	60	0.95	26	0	27	19.60	0.00	637.62	15.20	15.20	43.71	664.31	26.68	p12
4	60	0.96	26	0	27	19.60	0.00	637.62	15.20	15.20	43.71	664.31	26.68	p12
4	60	0.97	27	0	27	21.63	0.00	669.80	15.20	15.20	43.71	664.31	-5.50	p12
4	60	0.98	27	0	27	21.63	0.00	669.80	15.20	15.20	43.71	664.31	-5.50	p12
4	60	0.99	28	0	27	23.76	0.00	702.58	15.20	15.20	43.71	664.31	-38.28	p12
5	0	0.85	0	10	15	1.25	1.25	350.00	5.50	15.00	63.33	949.91	599.91	p11
5	0	0.86	0	10	15	1.25	1.25	353.57	5.50	15.00	63.33	949.91	596.34	p11
5	0	0.87	0	10	15	1.25	1.25	357.69	5.50	15.00	63.33	949.91	592.22	p11
5	0	0.88	0	10	15	1.25	1.25	362.50	5.50	15.00	63.33	949.91	587.41	p11
5	0	0.89	0	10	15	1.25	1.25	368.18	5.50	15.00	63.33	949.91	581.73	p11
5	0	0.9	0	10	15	1.25	1.25	375.00	5.50	15.00	63.33	949.91	574.91	p11
5	0	0.91	0	10	15	1.25	1.25	383.33	5.50	15.00	63.33	949.91	566.58	p11
5	0	0.92	0	10	15	1.25	1.25	393.75	5.50	15.00	63.33	949.91	556.16	p11
5	0	0.93	0	11	15	1.80	0.80	404.57	5.50	15.00	63.33	949.91	545.34	p11
5	0	0.94	0	11	15	1.80	0.80	416.00	5.50	15.00	63.33	949.91	533.91	p11
5	0	0.95	0	12	15	2.45	0.45	426.00	5.50	15.00	63.33	949.91	523.91	p11
5	0	0.96	0	13	15	3.20	0.20	438.00	5.50	15.00	63.33	949.91	511.91	p11
5	0	0.97	0	13	15	3.20	0.20	448.00	5.50	15.00	63.33	949.91	501.91	p11
5	0	0.98	0	14	15	4.05	0.05	459.00	5.50	15.00	63.33	949.91	490.91	p11
5	0	0.99	0	14	15	4.05	0.05	474.00	5.50	15.00	63.33	949.91	475.91	p11
5	5	0.85	5	5	15	1.25	1.25	300.00	5.50	15.00	63.33	949.91	649.91	p11
5	5	0.86	5	5	15	1.25	1.25	303.57	5.50	15.00	63.33	949.91	646.34	p11
5	5	0.87	5	5	15	1.25	1.25	307.69	5.50	15.00	63.33	949.91	642.22	p11
5	5	0.88	5	5	15	1.25	1.25	312.50	5.50	15.00	63.33	949.91	637.41	p11
5	5	0.89	5	5	15	1.25	1.25	318.18	5.50	15.00	63.33	949.91	631.73	p11
5	5	0.9	5	5	15	1.25	1.25	325.00	5.50	15.00	63.33	949.91	624.91	p11
5	5	0.91	5	5	15	1.25	1.25	333.33	5.50	15.00	63.33	949.91	616.58	p11
5	5	0.92	5	5	15	1.25	1.25	343.75	5.50	15.00	63.33	949.91	606.16	p11
5	5	0.93	5	6	15	1.80	0.80	354.57	5.50	15.00	63.33	949.91	595.34	p11
5	5	0.94	5	6	15	1.80	0.80	366.00	5.50	15.00	63.33	949.91	583.91	p11
5	5	0.95	5	7	15	2.45	0.45	376.00	5.50	15.00	63.33	949.91	573.91	p11
5	5	0.96	5	8	15	3.20	0.20	388.00	5.50	15.00	63.33	949.91	561.91	p11
5	5	0.97	5	8	15	3.20	0.20	398.00	5.50	15.00	63.33	949.91	551.91	p11
5	5	0.98	5	9	15	4.05	0.05	409.00	5.50	15.00	63.33	949.91	540.91	p11
5	5	0.99	5	9	15	4.05	0.05	424.00	5.50	15.00	63.33	949.91	525.91	p11
5	10	0.85	10	0	15	1.25	1.25	250.00	5.50	15.00	63.33	949.91	699.91	p11
5	10	0.86	10	0	15	1.25	1.25	253.57	5.50	15.00	63.33	949.91	696.34	p11
5	10	0.87	10	0	15	1.25	1.25	257.69	5.50	15.00	63.33	949.91	692.22	p11
5	10	0.88	10	0	15	1.25	1.25	262.50	5.50	15.00	63.33	949.91	687.41	p11
5	10	0.89	10	0	15	1.25	1.25	268.18	5.50	15.00	63.33	949.91	681.73	p11
5	10	0.9	10	0	15	1.25	1.25	275.00	5.50	15.00	63.33	949.91	674.91	p11
5	10	0.91	10	0	15	1.25	1.25	283.33	5.50	15.00	63.33	949.91	666.58	p11
5	10	0.92	10	0	15	1.25	1.25	293.75	5.50	15.00	63.33	949.91	656.16	p11
5	10	0.93	10	1	15	1.80	0.80	304.57	5.50	15.00	63.33	949.91	645.34	p11
5	10	0.94	10	1	15	1.80	0.80	316.00	5.50	15.00	63.33	949.91	633.91	p11
5	10	0.95	10	2	15	2.45	0.45	326.00	5.50	15.00	63.33	949.91	623.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
5	10	0.96	10	3	15	3.20	0.20	338.00	5.50	15.00	63.33	949.91	611.91	p11
5	10	0.97	10	3	15	3.20	0.20	348.00	5.50	15.00	63.33	949.91	601.91	p11
5	10	0.98	10	4	15	4.05	0.05	359.00	5.50	15.00	63.33	949.91	590.91	p11
5	10	0.99	10	4	15	4.05	0.05	374.00	5.50	15.00	63.33	949.91	575.91	p11
5	15	0.85	15	0	20	1.25	1.25	350.00	9.26	20.00	53.72	1074.49	724.49	p11
5	15	0.86	15	0	20	1.25	1.25	353.57	9.26	20.00	53.72	1074.49	720.92	p11
5	15	0.87	15	0	20	1.25	1.25	357.69	9.26	20.00	53.72	1074.49	716.80	p11
5	15	0.88	15	0	20	1.25	1.25	362.50	9.26	20.00	53.72	1074.49	711.99	p11
5	15	0.89	15	0	20	1.25	1.25	368.18	9.26	20.00	53.72	1074.49	706.31	p11
5	15	0.9	15	0	19	1.80	0.80	354.00	8.47	19.00	55.44	1053.29	699.30	p11
5	15	0.91	15	0	19	1.80	0.80	359.33	8.47	19.00	55.44	1053.29	693.96	p11
5	15	0.92	15	0	19	1.80	0.80	366.00	8.47	19.00	55.44	1053.29	687.30	p11
5	15	0.93	15	0	18	2.45	0.45	350.57	7.70	18.00	57.24	1030.34	679.77	p11
5	15	0.94	15	0	18	2.45	0.45	357.00	7.70	18.00	57.24	1030.34	673.35	p11
5	15	0.95	15	0	18	2.45	0.45	366.00	7.70	18.00	57.24	1030.34	664.35	p11
5	15	0.96	15	0	17	3.20	0.20	348.00	6.94	17.00	59.15	1005.54	657.54	p11
5	15	0.97	15	0	17	3.20	0.20	358.00	6.94	17.00	59.15	1005.54	647.54	p11
5	15	0.98	15	0	16	4.05	0.05	339.00	6.21	16.00	61.17	978.77	639.77	p11
5	15	0.99	15	0	16	4.05	0.05	354.00	6.21	16.00	61.17	978.77	624.77	p11
5	20	0.85	20	0	25	1.25	1.25	450.00	13.43	25.00	46.28	1156.89	706.89	p11
5	20	0.86	20	0	25	1.25	1.25	453.57	13.43	25.00	46.28	1156.89	703.32	p11
5	20	0.87	20	0	24	1.80	0.80	442.92	12.57	24.00	47.64	1143.32	700.40	p11
5	20	0.88	20	0	24	1.80	0.80	446.00	12.57	24.00	47.64	1143.32	697.32	p11
5	20	0.89	20	0	24	1.80	0.80	449.64	12.57	24.00	47.64	1143.32	693.68	p11
5	20	0.9	20	0	23	2.45	0.45	439.00	11.72	23.00	49.06	1128.36	689.36	p11
5	20	0.91	20	0	23	2.45	0.45	442.00	11.72	23.00	49.06	1128.36	686.36	p11
5	20	0.92	20	0	23	2.45	0.45	445.75	11.72	23.00	49.06	1128.36	682.61	p11
5	20	0.93	20	0	23	2.45	0.45	450.57	11.72	23.00	49.06	1128.36	677.79	p11
5	20	0.94	20	0	22	3.20	0.20	438.00	10.88	22.00	50.54	1111.94	673.94	p11
5	20	0.95	20	0	22	3.20	0.20	442.00	10.88	22.00	50.54	1111.94	669.94	p11
5	20	0.96	20	0	22	3.20	0.20	448.00	10.88	22.00	50.54	1111.94	663.94	p11
5	20	0.97	20	0	21	4.05	0.05	434.00	10.06	21.00	52.10	1094.01	660.01	p11
5	20	0.98	20	0	21	4.05	0.05	439.00	10.06	21.00	52.10	1094.01	655.01	p11
5	20	0.99	20	0	20	5.00	0.00	430.00	9.26	20.00	53.72	1074.49	644.49	p11
5	25	0.85	25	0	29	1.80	0.80	538.00	17.02	29.00	41.32	1198.32	660.32	p11
5	25	0.86	25	0	28	2.45	0.45	531.29	16.10	28.00	42.49	1189.79	658.51	p11
5	25	0.87	25	0	28	2.45	0.45	532.77	16.10	28.00	42.49	1189.79	657.03	p11
5	25	0.88	25	0	28	2.45	0.45	534.50	16.10	28.00	42.49	1189.79	655.29	p11
5	25	0.89	25	0	28	2.45	0.45	536.55	16.10	28.00	42.49	1189.79	653.25	p11
5	25	0.9	25	0	28	2.45	0.45	539.00	16.10	28.00	42.49	1189.79	650.79	p11
5	25	0.91	25	0	27	3.20	0.20	531.33	15.20	27.00	43.71	1180.08	648.75	p11
5	25	0.92	25	0	27	3.20	0.20	533.00	15.20	27.00	43.71	1180.08	647.08	p11
5	25	0.93	25	0	27	3.20	0.20	535.14	15.20	27.00	43.71	1180.08	644.94	p11
5	25	0.94	25	0	27	3.20	0.20	538.00	15.20	27.00	43.71	1180.08	642.08	p11
5	25	0.95	25	0	26	4.05	0.05	530.00	14.31	26.00	44.97	1169.13	639.13	p11
5	25	0.96	25	0	26	4.05	0.05	531.50	14.31	26.00	44.97	1169.13	637.63	p11
5	25	0.97	25	0	26	4.05	0.05	534.00	14.31	26.00	44.97	1169.13	635.13	p11
5	25	0.98	25	0	26	4.05	0.05	539.00	14.31	26.00	44.97	1169.13	630.13	p11
5	25	0.99	25	0	25	5.00	0.00	530.00	13.43	25.00	46.28	1156.89	626.89	p11
5	30	0.85	30	0	32	3.20	0.20	626.00	19.83	32.00	38.04	1217.13	591.13	p11
5	30	0.86	30	0	32	3.20	0.20	626.57	19.83	32.00	38.04	1217.13	590.56	p11
5	30	0.87	30	0	32	3.20	0.20	627.23	19.83	32.00	38.04	1217.13	589.90	p11
5	30	0.88	30	0	32	3.20	0.20	628.00	19.83	32.00	38.04	1217.13	589.13	p11
5	30	0.89	30	0	32	3.20	0.20	628.91	19.83	32.00	38.04	1217.13	588.22	p11
5	30	0.9	30	0	32	3.20	0.20	630.00	19.83	32.00	38.04	1217.13	587.13	p11
5	30	0.91	30	0	32	3.20	0.20	631.33	19.83	32.00	38.04	1217.13	585.80	p11
5	30	0.92	30	0	31	4.05	0.05	627.75	18.88	31.00	39.10	1211.95	584.20	p11
5	30	0.93	30	0	31	4.05	0.05	628.29	18.88	31.00	39.10	1211.95	583.66	p11
5	30	0.94	30	0	31	4.05	0.05	629.00	18.88	31.00	39.10	1211.95	582.95	p11
5	30	0.95	30	0	31	4.05	0.05	630.00	18.88	31.00	39.10	1211.95	581.95	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
5	30	0.96	30	0	31	4.05	0.05	631.50	18.88	31.00	39.10	1211.95	580.45	p11
5	30	0.97	30	0	31	4.05	0.05	634.00	18.88	31.00	39.10	1211.95	577.95	p11
5	30	0.98	30	0	30	5.00	0.00	630.00	17.94	30.00	40.19	1205.69	575.69	p11
5	30	0.99	30	0	30	5.00	0.00	630.00	17.94	30.00	40.19	1205.69	575.69	p11
5	35	0.85	35	0	36	4.05	0.05	726.00	23.72	36.00	34.10	1227.73	501.73	p11
5	35	0.86	35	0	36	4.05	0.05	726.14	23.72	36.00	34.10	1227.73	501.59	p11
5	35	0.87	35	0	36	4.05	0.05	726.31	23.72	36.00	34.10	1227.73	501.42	p11
5	35	0.88	35	0	36	4.05	0.05	726.50	23.72	36.00	34.10	1227.73	501.23	p11
5	35	0.89	35	0	36	4.05	0.05	726.73	23.72	36.00	34.10	1227.73	501.00	p11
5	35	0.9	35	0	36	4.05	0.05	727.00	23.72	36.00	34.10	1227.73	500.73	p11
5	35	0.91	35	0	36	4.05	0.05	727.33	23.72	36.00	34.10	1227.73	500.40	p11
5	35	0.92	35	0	36	4.05	0.05	727.75	23.72	36.00	34.10	1227.73	499.98	p11
5	35	0.93	35	0	36	4.05	0.05	728.29	23.72	36.00	34.10	1227.73	499.44	p11
5	35	0.94	35	0	36	4.05	0.05	729.00	23.72	36.00	34.10	1227.73	498.73	p11
5	35	0.95	35	0	36	4.05	0.05	730.00	23.72	36.00	34.10	1227.73	497.73	p11
5	35	0.96	35	0	35	5.00	0.00	730.00	22.73	35.00	35.04	1226.54	496.54	p11
5	35	0.97	35	0	35	5.00	0.00	730.00	22.73	35.00	35.04	1226.54	496.54	p11
5	35	0.98	35	0	35	5.00	0.00	730.00	22.73	35.00	35.04	1226.54	496.54	p11
5	35	0.99	35	0	35	5.00	0.00	730.00	22.73	35.00	35.04	1226.54	496.54	p11
5	40	0.85	40	0	41	4.05	0.05	826.00	28.80	41.00	29.76	1220.25	394.25	p11
5	40	0.86	40	0	41	4.05	0.05	826.14	28.80	41.00	29.76	1220.25	394.11	p11
5	40	0.87	40	0	41	4.05	0.05	826.31	28.80	41.00	29.76	1220.25	393.95	p11
5	40	0.88	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.89	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.9	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.91	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.92	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.93	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.94	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.95	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.96	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.97	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.98	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	40	0.99	40	0	40	5.00	0.00	830.00	27.77	40.00	30.59	1223.46	393.46	p11
5	45	0.85	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.86	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.87	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.88	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.89	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.9	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.91	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.92	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.93	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.94	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.95	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.96	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.97	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.98	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	45	0.99	45	0	44	6.05	0.00	936.30	31.94	44.00	27.41	1205.82	269.52	p11
5	50	0.85	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	50	0.86	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	50	0.87	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	50	0.88	22	0	27	14.11	0.00	524.68	15.20	15.20	43.71	664.31	139.63	p12
5	50	0.89	22	0	27	14.11	0.00	524.68	15.20	15.20	43.71	664.31	139.63	p12
5	50	0.9	23	0	27	15.84	0.00	555.06	15.20	15.20	43.71	664.31	109.25	p12
5	50	0.91	23	0	27	15.84	0.00	555.06	15.20	15.20	43.71	664.31	109.25	p12
5	50	0.92	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11
5	50	0.93	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11
5	50	0.94	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11
5	50	0.95	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
5	50	0.96	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11
5	50	0.97	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11
5	50	0.98	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11
5	50	0.99	47	0	47	8.45	0.00	990.70	35.15	44.00	25.20	1108.94	118.24	p11
5	55	0.85	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	55	0.86	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	55	0.87	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	55	0.88	22	0	27	14.11	0.00	524.68	15.20	15.20	43.71	664.31	139.63	p12
5	55	0.89	22	0	27	14.11	0.00	524.68	15.20	15.20	43.71	664.31	139.63	p12
5	55	0.9	23	0	27	15.84	0.00	555.06	15.20	15.20	43.71	664.31	109.25	p12
5	55	0.91	23	0	27	15.84	0.00	555.06	15.20	15.20	43.71	664.31	109.25	p12
5	55	0.92	24	0	27	17.67	0.00	586.04	15.20	15.20	43.71	664.31	78.27	p12
5	55	0.93	24	0	27	17.67	0.00	586.04	15.20	15.20	43.71	664.31	78.27	p12
5	55	0.94	24	0	27	17.67	0.00	586.04	15.20	15.20	43.71	664.31	78.27	p12
5	55	0.95	25	0	27	19.60	0.00	617.62	15.20	15.20	43.71	664.31	46.68	p12
5	55	0.96	25	0	27	19.60	0.00	617.62	15.20	15.20	43.71	664.31	46.68	p12
5	55	0.97	26	0	27	21.63	0.00	649.80	15.20	15.20	43.71	664.31	14.50	p12
5	55	0.98	26	0	27	21.63	0.00	649.80	15.20	15.20	43.71	664.31	14.50	p12
5	55	0.99	27	0	27	23.76	0.00	682.58	15.20	15.20	43.71	664.31	-18.28	p12
5	60	0.85	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	60	0.86	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	60	0.87	21	0	27	12.48	0.00	494.90	15.20	15.20	43.71	664.31	169.41	p12
5	60	0.88	22	0	27	14.11	0.00	524.68	15.20	15.20	43.71	664.31	139.63	p12
5	60	0.89	22	0	27	14.11	0.00	524.68	15.20	15.20	43.71	664.31	139.63	p12
5	60	0.9	23	0	27	15.84	0.00	555.06	15.20	15.20	43.71	664.31	109.25	p12
5	60	0.91	23	0	27	15.84	0.00	555.06	15.20	15.20	43.71	664.31	109.25	p12
5	60	0.92	24	0	27	17.67	0.00	586.04	15.20	15.20	43.71	664.31	78.27	p12
5	60	0.93	24	0	27	17.67	0.00	586.04	15.20	15.20	43.71	664.31	78.27	p12
5	60	0.94	24	0	27	17.67	0.00	586.04	15.20	15.20	43.71	664.31	78.27	p12
5	60	0.95	25	0	27	19.60	0.00	617.62	15.20	15.20	43.71	664.31	46.68	p12
5	60	0.96	25	0	27	19.60	0.00	617.62	15.20	15.20	43.71	664.31	46.68	p12
5	60	0.97	26	0	27	21.63	0.00	649.80	15.20	15.20	43.71	664.31	14.50	p12
5	60	0.98	26	0	27	21.63	0.00	649.80	15.20	15.20	43.71	664.31	14.50	p12
5	60	0.99	27	0	27	23.76	0.00	682.58	15.20	15.20	43.71	664.31	-18.28	p12
6	0	0.85	0	9	15	1.25	1.25	320.00	5.50	15.00	63.33	949.91	629.91	p11
6	0	0.86	0	9	15	1.25	1.25	323.57	5.50	15.00	63.33	949.91	626.34	p11
6	0	0.87	0	9	15	1.25	1.25	327.69	5.50	15.00	63.33	949.91	622.22	p11
6	0	0.88	0	9	15	1.25	1.25	332.50	5.50	15.00	63.33	949.91	617.41	p11
6	0	0.89	0	9	15	1.25	1.25	338.18	5.50	15.00	63.33	949.91	611.73	p11
6	0	0.9	0	9	15	1.25	1.25	345.00	5.50	15.00	63.33	949.91	604.91	p11
6	0	0.91	0	9	15	1.25	1.25	353.33	5.50	15.00	63.33	949.91	596.58	p11
6	0	0.92	0	9	15	1.25	1.25	363.75	5.50	15.00	63.33	949.91	586.16	p11
6	0	0.93	0	10	15	1.80	0.80	374.57	5.50	15.00	63.33	949.91	575.34	p11
6	0	0.94	0	10	15	1.80	0.80	386.00	5.50	15.00	63.33	949.91	563.91	p11
6	0	0.95	0	11	15	2.45	0.45	396.00	5.50	15.00	63.33	949.91	553.91	p11
6	0	0.96	0	12	15	3.20	0.20	408.00	5.50	15.00	63.33	949.91	541.91	p11
6	0	0.97	0	12	15	3.20	0.20	418.00	5.50	15.00	63.33	949.91	531.91	p11
6	0	0.98	0	13	15	4.05	0.05	429.00	5.50	15.00	63.33	949.91	520.91	p11
6	0	0.99	0	13	15	4.05	0.05	444.00	5.50	15.00	63.33	949.91	505.91	p11
6	5	0.85	5	4	15	1.25	1.25	270.00	5.50	15.00	63.33	949.91	679.91	p11
6	5	0.86	5	4	15	1.25	1.25	273.57	5.50	15.00	63.33	949.91	676.34	p11
6	5	0.87	5	4	15	1.25	1.25	277.69	5.50	15.00	63.33	949.91	672.22	p11
6	5	0.88	5	4	15	1.25	1.25	282.50	5.50	15.00	63.33	949.91	667.41	p11
6	5	0.89	5	4	15	1.25	1.25	288.18	5.50	15.00	63.33	949.91	661.73	p11
6	5	0.9	5	4	15	1.25	1.25	295.00	5.50	15.00	63.33	949.91	654.91	p11
6	5	0.91	5	4	15	1.25	1.25	303.33	5.50	15.00	63.33	949.91	646.58	p11
6	5	0.92	5	4	15	1.25	1.25	313.75	5.50	15.00	63.33	949.91	636.16	p11
6	5	0.93	5	5	15	1.80	0.80	324.57	5.50	15.00	63.33	949.91	625.34	p11
6	5	0.94	5	5	15	1.80	0.80	336.00	5.50	15.00	63.33	949.91	613.91	p11
6	5	0.95	5	6	15	2.45	0.45	346.00	5.50	15.00	63.33	949.91	603.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
6	5	0.96	5	7	15	3.20	0.20	358.00	5.50	15.00	63.33	949.91	591.91	p11
6	5	0.97	5	7	15	3.20	0.20	368.00	5.50	15.00	63.33	949.91	581.91	p11
6	5	0.98	5	8	15	4.05	0.05	379.00	5.50	15.00	63.33	949.91	570.91	p11
6	5	0.99	5	8	15	4.05	0.05	394.00	5.50	15.00	63.33	949.91	555.91	p11
6	10	0.85	10	0	16	1.25	1.25	250.00	6.21	16.00	61.17	978.77	728.77	p11
6	10	0.86	10	0	16	1.25	1.25	253.57	6.21	16.00	61.17	978.77	725.20	p11
6	10	0.87	10	0	16	1.25	1.25	257.69	6.21	16.00	61.17	978.77	721.08	p11
6	10	0.88	10	0	16	1.25	1.25	262.50	6.21	16.00	61.17	978.77	716.27	p11
6	10	0.89	10	0	16	1.25	1.25	268.18	6.21	16.00	61.17	978.77	710.59	p11
6	10	0.9	10	0	16	1.25	1.25	275.00	6.21	16.00	61.17	978.77	703.77	p11
6	10	0.91	10	0	16	1.25	1.25	283.33	6.21	16.00	61.17	978.77	695.44	p11
6	10	0.92	10	0	16	1.25	1.25	293.75	6.21	16.00	61.17	978.77	685.02	p11
6	10	0.93	10	0	15	1.80	0.80	274.57	5.50	15.00	63.33	949.91	675.34	p11
6	10	0.94	10	0	15	1.80	0.80	286.00	5.50	15.00	63.33	949.91	663.91	p11
6	10	0.95	10	1	15	2.45	0.45	296.00	5.50	15.00	63.33	949.91	653.91	p11
6	10	0.96	10	2	15	3.20	0.20	308.00	5.50	15.00	63.33	949.91	641.91	p11
6	10	0.97	10	2	15	3.20	0.20	318.00	5.50	15.00	63.33	949.91	631.91	p11
6	10	0.98	10	3	15	4.05	0.05	329.00	5.50	15.00	63.33	949.91	620.91	p11
6	10	0.99	10	3	15	4.05	0.05	344.00	5.50	15.00	63.33	949.91	605.91	p11
6	15	0.85	15	0	21	1.25	1.25	350.00	10.06	21.00	52.10	1094.01	744.01	p11
6	15	0.86	15	0	21	1.25	1.25	353.57	10.06	21.00	52.10	1094.01	740.44	p11
6	15	0.87	15	0	21	1.25	1.25	357.69	10.06	21.00	52.10	1094.01	736.32	p11
6	15	0.88	15	0	21	1.25	1.25	362.50	10.06	21.00	52.10	1094.01	731.51	p11
6	15	0.89	15	0	21	1.25	1.25	368.18	10.06	21.00	52.10	1094.01	725.83	p11
6	15	0.9	15	0	20	1.80	0.80	354.00	9.26	20.00	53.72	1074.49	720.49	p11
6	15	0.91	15	0	20	1.80	0.80	359.33	9.26	20.00	53.72	1074.49	715.15	p11
6	15	0.92	15	0	20	1.80	0.80	366.00	9.26	20.00	53.72	1074.49	708.49	p11
6	15	0.93	15	0	19	2.45	0.45	350.57	8.47	19.00	55.44	1053.29	702.72	p11
6	15	0.94	15	0	19	2.45	0.45	357.00	8.47	19.00	55.44	1053.29	696.30	p11
6	15	0.95	15	0	18	3.20	0.20	342.00	7.70	18.00	57.24	1030.34	688.35	p11
6	15	0.96	15	0	18	3.20	0.20	348.00	7.70	18.00	57.24	1030.34	682.35	p11
6	15	0.97	15	0	17	4.05	0.05	334.00	6.94	17.00	59.15	1005.54	671.54	p11
6	15	0.98	15	0	17	4.05	0.05	339.00	6.94	17.00	59.15	1005.54	666.54	p11
6	15	0.99	15	0	17	4.05	0.05	354.00	6.94	17.00	59.15	1005.54	651.54	p11
6	20	0.85	20	0	25	1.80	0.80	438.00	13.43	25.00	46.28	1156.89	718.89	p11
6	20	0.86	20	0	25	1.80	0.80	440.29	13.43	25.00	46.28	1156.89	716.61	p11
6	20	0.87	20	0	25	1.80	0.80	442.92	13.43	25.00	46.28	1156.89	713.97	p11
6	20	0.88	20	0	25	1.80	0.80	446.00	13.43	25.00	46.28	1156.89	710.89	p11
6	20	0.89	20	0	25	1.80	0.80	449.64	13.43	25.00	46.28	1156.89	707.26	p11
6	20	0.9	20	0	24	2.45	0.45	439.00	12.57	24.00	47.64	1143.32	704.32	p11
6	20	0.91	20	0	24	2.45	0.45	442.00	12.57	24.00	47.64	1143.32	701.32	p11
6	20	0.92	20	0	24	2.45	0.45	445.75	12.57	24.00	47.64	1143.32	697.57	p11
6	20	0.93	20	0	23	3.20	0.20	435.14	11.72	23.00	49.06	1128.36	693.21	p11
6	20	0.94	20	0	23	3.20	0.20	438.00	11.72	23.00	49.06	1128.36	690.36	p11
6	20	0.95	20	0	23	3.20	0.20	442.00	11.72	23.00	49.06	1128.36	686.36	p11
6	20	0.96	20	0	22	4.05	0.05	431.50	10.88	22.00	50.54	1111.94	680.44	p11
6	20	0.97	20	0	22	4.05	0.05	434.00	10.88	22.00	50.54	1111.94	677.94	p11
6	20	0.98	20	0	22	4.05	0.05	439.00	10.88	22.00	50.54	1111.94	672.94	p11
6	20	0.99	20	0	21	5.00	0.00	430.00	10.06	21.00	52.10	1094.01	664.01	p11
6	25	0.85	25	0	29	2.45	0.45	530.00	17.02	29.00	41.32	1198.32	668.32	p11
6	25	0.86	25	0	29	2.45	0.45	531.29	17.02	29.00	41.32	1198.32	667.03	p11
6	25	0.87	25	0	29	2.45	0.45	532.77	17.02	29.00	41.32	1198.32	665.55	p11
6	25	0.88	25	0	29	2.45	0.45	534.50	17.02	29.00	41.32	1198.32	663.82	p11
6	25	0.89	25	0	29	2.45	0.45	536.55	17.02	29.00	41.32	1198.32	661.77	p11
6	25	0.9	25	0	28	3.20	0.20	530.00	16.10	28.00	42.49	1189.79	659.79	p11
6	25	0.91	25	0	28	3.20	0.20	531.33	16.10	28.00	42.49	1189.79	658.46	p11
6	25	0.92	25	0	28	3.20	0.20	533.00	16.10	28.00	42.49	1189.79	656.79	p11
6	25	0.93	25	0	28	3.20	0.20	535.14	16.10	28.00	42.49	1189.79	654.65	p11
6	25	0.94	25	0	28	3.20	0.20	538.00	16.10	28.00	42.49	1189.79	651.79	p11
6	25	0.95	25	0	27	4.05	0.05	530.00	15.20	27.00	43.71	1180.08	650.08	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
6	25	0.96	25	0	27	4.05	0.05	531.50	15.20	27.00	43.71	1180.08	648.58	p11
6	25	0.97	25	0	27	4.05	0.05	534.00	15.20	27.00	43.71	1180.08	646.08	p11
6	25	0.98	25	0	27	4.05	0.05	539.00	15.20	27.00	43.71	1180.08	641.08	p11
6	25	0.99	25	0	26	5.00	0.00	530.00	14.31	26.00	44.97	1169.13	639.13	p11
6	30	0.85	30	0	33	3.20	0.20	626.00	20.79	33.00	37.01	1221.27	595.27	p11
6	30	0.86	30	0	33	3.20	0.20	626.57	20.79	33.00	37.01	1221.27	594.70	p11
6	30	0.87	30	0	33	3.20	0.20	627.23	20.79	33.00	37.01	1221.27	594.04	p11
6	30	0.88	30	0	33	3.20	0.20	628.00	20.79	33.00	37.01	1221.27	593.27	p11
6	30	0.89	30	0	33	3.20	0.20	628.91	20.79	33.00	37.01	1221.27	592.36	p11
6	30	0.9	30	0	33	3.20	0.20	630.00	20.79	33.00	37.01	1221.27	591.27	p11
6	30	0.91	30	0	32	4.05	0.05	627.33	19.83	32.00	38.04	1217.13	589.80	p11
6	30	0.92	30	0	32	4.05	0.05	627.75	19.83	32.00	38.04	1217.13	589.38	p11
6	30	0.93	30	0	32	4.05	0.05	628.29	19.83	32.00	38.04	1217.13	588.84	p11
6	30	0.94	30	0	32	4.05	0.05	629.00	19.83	32.00	38.04	1217.13	588.13	p11
6	30	0.95	30	0	32	4.05	0.05	630.00	19.83	32.00	38.04	1217.13	587.13	p11
6	30	0.96	30	0	32	4.05	0.05	631.50	19.83	32.00	38.04	1217.13	585.63	p11
6	30	0.97	30	0	31	5.00	0.00	630.00	18.88	31.00	39.10	1211.95	581.95	p11
6	30	0.98	30	0	31	5.00	0.00	630.00	18.88	31.00	39.10	1211.95	581.95	p11
6	30	0.99	30	0	31	5.00	0.00	630.00	18.88	31.00	39.10	1211.95	581.95	p11
6	35	0.85	35	0	37	4.05	0.05	726.00	24.72	37.00	33.19	1227.99	501.99	p11
6	35	0.86	35	0	37	4.05	0.05	726.14	24.72	37.00	33.19	1227.99	501.85	p11
6	35	0.87	35	0	37	4.05	0.05	726.31	24.72	37.00	33.19	1227.99	501.68	p11
6	35	0.88	35	0	37	4.05	0.05	726.50	24.72	37.00	33.19	1227.99	501.49	p11
6	35	0.89	35	0	37	4.05	0.05	726.73	24.72	37.00	33.19	1227.99	501.26	p11
6	35	0.9	35	0	37	4.05	0.05	727.00	24.72	37.00	33.19	1227.99	500.99	p11
6	35	0.91	35	0	37	4.05	0.05	727.33	24.72	37.00	33.19	1227.99	500.66	p11
6	35	0.92	35	0	37	4.05	0.05	727.75	24.72	37.00	33.19	1227.99	500.24	p11
6	35	0.93	35	0	37	4.05	0.05	728.29	24.72	37.00	33.19	1227.99	499.71	p11
6	35	0.94	35	0	37	4.05	0.05	729.00	24.72	37.00	33.19	1227.99	498.99	p11
6	35	0.95	35	0	36	5.00	0.00	730.00	23.72	36.00	34.10	1227.73	497.73	p11
6	35	0.96	35	0	36	5.00	0.00	730.00	23.72	36.00	34.10	1227.73	497.73	p11
6	35	0.97	35	0	36	5.00	0.00	730.00	23.72	36.00	34.10	1227.73	497.73	p11
6	35	0.98	35	0	36	5.00	0.00	730.00	23.72	36.00	34.10	1227.73	497.73	p11
6	35	0.99	35	0	36	5.00	0.00	730.00	23.72	36.00	34.10	1227.73	497.73	p11
6	40	0.85	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.86	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.87	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.88	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.89	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.9	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.91	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.92	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.93	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.94	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.95	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.96	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.97	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.98	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	40	0.99	40	0	41	5.00	0.00	830.00	28.80	41.00	29.76	1220.25	390.25	p11
6	45	0.85	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.86	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.87	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.88	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.89	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.9	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.91	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.92	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.93	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.94	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.95	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
6	45	0.96	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.97	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.98	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	45	0.99	45	0	45	6.05	0.00	936.30	33.01	45.00	26.65	1199.47	263.17	p11
6	50	0.85	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	50	0.86	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	50	0.87	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	50	0.88	21	0	27	14.11	0.00	504.68	15.20	15.20	43.71	664.31	159.63	p12
6	50	0.89	21	0	27	14.11	0.00	504.68	15.20	15.20	43.71	664.31	159.63	p12
6	50	0.9	22	0	27	15.84	0.00	535.06	15.20	15.20	43.71	664.31	129.25	p12
6	50	0.91	22	0	27	15.84	0.00	535.06	15.20	15.20	43.71	664.31	129.25	p12
6	50	0.92	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	50	0.93	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	50	0.94	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	50	0.95	24	0	27	19.60	0.00	597.62	15.20	15.20	43.71	664.31	66.68	p12
6	50	0.96	24	0	27	19.60	0.00	597.62	15.20	15.20	43.71	664.31	66.68	p12
6	50	0.97	46	0	47	9.80	0.00	978.80	35.15	43.00	25.20	1083.74	104.94	p11
6	50	0.98	46	0	47	9.80	0.00	978.80	35.15	43.00	25.20	1083.74	104.94	p11
6	50	0.99	46	0	47	9.80	0.00	978.80	35.15	43.00	25.20	1083.74	104.94	p11
6	55	0.85	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	55	0.86	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	55	0.87	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	55	0.88	21	0	27	14.11	0.00	504.68	15.20	15.20	43.71	664.31	159.63	p12
6	55	0.89	21	0	27	14.11	0.00	504.68	15.20	15.20	43.71	664.31	159.63	p12
6	55	0.9	22	0	27	15.84	0.00	535.06	15.20	15.20	43.71	664.31	129.25	p12
6	55	0.91	22	0	27	15.84	0.00	535.06	15.20	15.20	43.71	664.31	129.25	p12
6	55	0.92	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	55	0.93	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	55	0.94	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	55	0.95	24	0	27	19.60	0.00	597.62	15.20	15.20	43.71	664.31	66.68	p12
6	55	0.96	24	0	27	19.60	0.00	597.62	15.20	15.20	43.71	664.31	66.68	p12
6	55	0.97	25	0	27	21.63	0.00	629.80	15.20	15.20	43.71	664.31	34.50	p12
6	55	0.98	25	0	27	21.63	0.00	629.80	15.20	15.20	43.71	664.31	34.50	p12
6	55	0.99	26	0	27	23.76	0.00	662.58	15.20	15.20	43.71	664.31	1.72	p12
6	60	0.85	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	60	0.86	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	60	0.87	20	0	27	12.48	0.00	474.90	15.20	15.20	43.71	664.31	189.41	p12
6	60	0.88	21	0	27	14.11	0.00	504.68	15.20	15.20	43.71	664.31	159.63	p12
6	60	0.89	21	0	27	14.11	0.00	504.68	15.20	15.20	43.71	664.31	159.63	p12
6	60	0.9	22	0	27	15.84	0.00	535.06	15.20	15.20	43.71	664.31	129.25	p12
6	60	0.91	22	0	27	15.84	0.00	535.06	15.20	15.20	43.71	664.31	129.25	p12
6	60	0.92	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	60	0.93	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	60	0.94	23	0	27	17.67	0.00	566.04	15.20	15.20	43.71	664.31	98.27	p12
6	60	0.95	24	0	27	19.60	0.00	597.62	15.20	15.20	43.71	664.31	66.68	p12
6	60	0.96	24	0	27	19.60	0.00	597.62	15.20	15.20	43.71	664.31	66.68	p12
6	60	0.97	25	0	27	21.63	0.00	629.80	15.20	15.20	43.71	664.31	34.50	p12
6	60	0.98	25	0	27	21.63	0.00	629.80	15.20	15.20	43.71	664.31	34.50	p12
6	60	0.99	26	0	27	23.76	0.00	662.58	15.20	15.20	43.71	664.31	1.72	p12
7	0	0.85	0	8	15	1.25	1.25	290.00	5.50	15.00	63.33	949.91	659.91	p11
7	0	0.86	0	8	15	1.25	1.25	293.57	5.50	15.00	63.33	949.91	656.34	p11
7	0	0.87	0	8	15	1.25	1.25	297.69	5.50	15.00	63.33	949.91	652.22	p11
7	0	0.88	0	8	15	1.25	1.25	302.50	5.50	15.00	63.33	949.91	647.41	p11
7	0	0.89	0	8	15	1.25	1.25	308.18	5.50	15.00	63.33	949.91	641.73	p11
7	0	0.9	0	8	15	1.25	1.25	315.00	5.50	15.00	63.33	949.91	634.91	p11
7	0	0.91	0	8	15	1.25	1.25	323.33	5.50	15.00	63.33	949.91	626.58	p11
7	0	0.92	0	8	15	1.25	1.25	333.75	5.50	15.00	63.33	949.91	616.16	p11
7	0	0.93	0	9	15	1.80	0.80	344.57	5.50	15.00	63.33	949.91	605.34	p11
7	0	0.94	0	9	15	1.80	0.80	356.00	5.50	15.00	63.33	949.91	593.91	p11
7	0	0.95	0	10	15	2.45	0.45	366.00	5.50	15.00	63.33	949.91	583.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	0	0.96	0	11	15	3.20	0.20	378.00	5.50	15.00	63.33	949.91	571.91	p11
7	0	0.97	0	11	15	3.20	0.20	388.00	5.50	15.00	63.33	949.91	561.91	p11
7	0	0.98	0	12	15	4.05	0.05	399.00	5.50	15.00	63.33	949.91	550.91	p11
7	0	0.99	0	12	15	4.05	0.05	414.00	5.50	15.00	63.33	949.91	535.91	p11
7	5	0.85	5	3	15	1.25	1.25	240.00	5.50	15.00	63.33	949.91	709.91	p11
7	5	0.86	5	3	15	1.25	1.25	243.57	5.50	15.00	63.33	949.91	706.34	p11
7	5	0.87	5	3	15	1.25	1.25	247.69	5.50	15.00	63.33	949.91	702.22	p11
7	5	0.88	5	3	15	1.25	1.25	252.50	5.50	15.00	63.33	949.91	697.41	p11
7	5	0.89	5	3	15	1.25	1.25	258.18	5.50	15.00	63.33	949.91	691.73	p11
7	5	0.9	5	3	15	1.25	1.25	265.00	5.50	15.00	63.33	949.91	684.91	p11
7	5	0.91	5	3	15	1.25	1.25	273.33	5.50	15.00	63.33	949.91	676.58	p11
7	5	0.92	5	3	15	1.25	1.25	283.75	5.50	15.00	63.33	949.91	666.16	p11
7	5	0.93	5	4	15	1.80	0.80	294.57	5.50	15.00	63.33	949.91	655.34	p11
7	5	0.94	5	4	15	1.80	0.80	306.00	5.50	15.00	63.33	949.91	643.91	p11
7	5	0.95	5	5	15	2.45	0.45	316.00	5.50	15.00	63.33	949.91	633.91	p11
7	5	0.96	5	6	15	3.20	0.20	328.00	5.50	15.00	63.33	949.91	621.91	p11
7	5	0.97	5	6	15	3.20	0.20	338.00	5.50	15.00	63.33	949.91	611.91	p11
7	5	0.98	5	7	15	4.05	0.05	349.00	5.50	15.00	63.33	949.91	600.91	p11
7	5	0.99	5	7	15	4.05	0.05	364.00	5.50	15.00	63.33	949.91	585.91	p11
7	10	0.85	10	0	17	1.25	1.25	250.00	6.94	17.00	59.15	1005.54	755.54	p11
7	10	0.86	10	0	17	1.25	1.25	253.57	6.94	17.00	59.15	1005.54	751.97	p11
7	10	0.87	10	0	17	1.25	1.25	257.69	6.94	17.00	59.15	1005.54	747.85	p11
7	10	0.88	10	0	17	1.25	1.25	262.50	6.94	17.00	59.15	1005.54	743.04	p11
7	10	0.89	10	0	17	1.25	1.25	268.18	6.94	17.00	59.15	1005.54	737.36	p11
7	10	0.9	10	0	17	1.25	1.25	275.00	6.94	17.00	59.15	1005.54	730.54	p11
7	10	0.91	10	0	17	1.25	1.25	283.33	6.94	17.00	59.15	1005.54	722.21	p11
7	10	0.92	10	0	16	1.80	0.80	266.00	6.21	16.00	61.17	978.77	712.77	p11
7	10	0.93	10	0	16	1.80	0.80	274.57	6.21	16.00	61.17	978.77	704.20	p11
7	10	0.94	10	0	15	2.45	0.45	257.00	5.50	15.00	63.33	949.91	692.91	p11
7	10	0.95	10	0	15	2.45	0.45	266.00	5.50	15.00	63.33	949.91	683.91	p11
7	10	0.96	10	1	15	3.20	0.20	278.00	5.50	15.00	63.33	949.91	671.91	p11
7	10	0.97	10	1	15	3.20	0.20	288.00	5.50	15.00	63.33	949.91	661.91	p11
7	10	0.98	10	2	15	4.05	0.05	299.00	5.50	15.00	63.33	949.91	650.91	p11
7	10	0.99	10	2	15	4.05	0.05	314.00	5.50	15.00	63.33	949.91	635.91	p11
7	15	0.85	15	0	22	1.25	1.25	350.00	10.88	22.00	50.54	1111.94	761.94	p11
7	15	0.86	15	0	22	1.25	1.25	353.57	10.88	22.00	50.54	1111.94	758.37	p11
7	15	0.87	15	0	22	1.25	1.25	357.69	10.88	22.00	50.54	1111.94	754.25	p11
7	15	0.88	15	0	22	1.25	1.25	362.50	10.88	22.00	50.54	1111.94	749.44	p11
7	15	0.89	15	0	21	1.80	0.80	349.64	10.06	21.00	52.10	1094.01	744.37	p11
7	15	0.9	15	0	21	1.80	0.80	354.00	10.06	21.00	52.10	1094.01	740.01	p11
7	15	0.91	15	0	21	1.80	0.80	359.33	10.06	21.00	52.10	1094.01	734.68	p11
7	15	0.92	15	0	20	2.45	0.45	345.75	9.26	20.00	53.72	1074.49	728.74	p11
7	15	0.93	15	0	20	2.45	0.45	350.57	9.26	20.00	53.72	1074.49	723.92	p11
7	15	0.94	15	0	20	2.45	0.45	357.00	9.26	20.00	53.72	1074.49	717.49	p11
7	15	0.95	15	0	19	3.20	0.20	342.00	8.47	19.00	55.44	1053.29	711.30	p11
7	15	0.96	15	0	19	3.20	0.20	348.00	8.47	19.00	55.44	1053.29	705.30	p11
7	15	0.97	15	0	18	4.05	0.05	334.00	7.70	18.00	57.24	1030.34	696.35	p11
7	15	0.98	15	0	18	4.05	0.05	339.00	7.70	18.00	57.24	1030.34	691.35	p11
7	15	0.99	15	0	17	5.00	0.00	330.00	6.94	17.00	59.15	1005.54	675.54	p11
7	20	0.85	20	0	26	1.80	0.80	438.00	14.31	26.00	44.97	1169.13	731.13	p11
7	20	0.86	20	0	26	1.80	0.80	440.29	14.31	26.00	44.97	1169.13	728.84	p11
7	20	0.87	20	0	26	1.80	0.80	442.92	14.31	26.00	44.97	1169.13	726.20	p11
7	20	0.88	20	0	26	1.80	0.80	446.00	14.31	26.00	44.97	1169.13	723.13	p11
7	20	0.89	20	0	25	2.45	0.45	436.55	13.43	25.00	46.28	1156.89	720.35	p11
7	20	0.9	20	0	25	2.45	0.45	439.00	13.43	25.00	46.28	1156.89	717.89	p11
7	20	0.91	20	0	25	2.45	0.45	442.00	13.43	25.00	46.28	1156.89	714.89	p11
7	20	0.92	20	0	25	2.45	0.45	445.75	13.43	25.00	46.28	1156.89	711.14	p11
7	20	0.93	20	0	24	3.20	0.20	435.14	12.57	24.00	47.64	1143.32	708.18	p11
7	20	0.94	20	0	24	3.20	0.20	438.00	12.57	24.00	47.64	1143.32	705.32	p11
7	20	0.95	20	0	24	3.20	0.20	442.00	12.57	24.00	47.64	1143.32	701.32	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	20	0.96	20	0	23	4.05	0.05	431.50	11.72	23.00	49.06	1128.36	696.86	p11
7	20	0.97	20	0	23	4.05	0.05	434.00	11.72	23.00	49.06	1128.36	694.36	p11
7	20	0.98	20	0	23	4.05	0.05	439.00	11.72	23.00	49.06	1128.36	689.36	p11
7	20	0.99	20	0	22	5.00	0.00	430.00	10.88	22.00	50.54	1111.94	681.94	p11
7	25	0.85	25	0	30	2.45	0.45	530.00	17.94	30.00	40.19	1205.69	675.69	p11
7	25	0.86	25	0	30	2.45	0.45	531.29	17.94	30.00	40.19	1205.69	674.40	p11
7	25	0.87	25	0	30	2.45	0.45	532.77	17.94	30.00	40.19	1205.69	672.92	p11
7	25	0.88	25	0	30	2.45	0.45	534.50	17.94	30.00	40.19	1205.69	671.19	p11
7	25	0.89	25	0	29	3.20	0.20	528.91	17.02	29.00	41.32	1198.32	669.41	p11
7	25	0.9	25	0	29	3.20	0.20	530.00	17.02	29.00	41.32	1198.32	668.32	p11
7	25	0.91	25	0	29	3.20	0.20	531.33	17.02	29.00	41.32	1198.32	666.98	p11
7	25	0.92	25	0	29	3.20	0.20	533.00	17.02	29.00	41.32	1198.32	665.32	p11
7	25	0.93	25	0	29	3.20	0.20	535.14	17.02	29.00	41.32	1198.32	663.17	p11
7	25	0.94	25	0	28	4.05	0.05	529.00	16.10	28.00	42.49	1189.79	660.79	p11
7	25	0.95	25	0	28	4.05	0.05	530.00	16.10	28.00	42.49	1189.79	659.79	p11
7	25	0.96	25	0	28	4.05	0.05	531.50	16.10	28.00	42.49	1189.79	658.29	p11
7	25	0.97	25	0	28	4.05	0.05	534.00	16.10	28.00	42.49	1189.79	655.79	p11
7	25	0.98	25	0	27	5.00	0.00	530.00	15.20	27.00	43.71	1180.08	650.08	p11
7	25	0.99	25	0	27	5.00	0.00	530.00	15.20	27.00	43.71	1180.08	650.08	p11
7	30	0.85	30	0	34	3.20	0.20	626.00	21.76	34.00	36.01	1224.39	598.39	p11
7	30	0.86	30	0	34	3.20	0.20	626.57	21.76	34.00	36.01	1224.39	597.82	p11
7	30	0.87	30	0	34	3.20	0.20	627.23	21.76	34.00	36.01	1224.39	597.16	p11
7	30	0.88	30	0	34	3.20	0.20	628.00	21.76	34.00	36.01	1224.39	596.39	p11
7	30	0.89	30	0	34	3.20	0.20	628.91	21.76	34.00	36.01	1224.39	595.48	p11
7	30	0.9	30	0	33	4.05	0.05	627.00	20.79	33.00	37.01	1221.27	594.27	p11
7	30	0.91	30	0	33	4.05	0.05	627.33	20.79	33.00	37.01	1221.27	593.93	p11
7	30	0.92	30	0	33	4.05	0.05	627.75	20.79	33.00	37.01	1221.27	593.52	p11
7	30	0.93	30	0	33	4.05	0.05	628.29	20.79	33.00	37.01	1221.27	592.98	p11
7	30	0.94	30	0	33	4.05	0.05	629.00	20.79	33.00	37.01	1221.27	592.27	p11
7	30	0.95	30	0	33	4.05	0.05	630.00	20.79	33.00	37.01	1221.27	591.27	p11
7	30	0.96	30	0	33	4.05	0.05	631.50	20.79	33.00	37.01	1221.27	589.77	p11
7	30	0.97	30	0	32	5.00	0.00	630.00	19.83	32.00	38.04	1217.13	587.13	p11
7	30	0.98	30	0	32	5.00	0.00	630.00	19.83	32.00	38.04	1217.13	587.13	p11
7	30	0.99	30	0	32	5.00	0.00	630.00	19.83	32.00	38.04	1217.13	587.13	p11
7	35	0.85	35	0	38	4.05	0.05	726.00	25.73	38.00	32.30	1227.35	501.35	p11
7	35	0.86	35	0	38	4.05	0.05	726.14	25.73	38.00	32.30	1227.35	501.21	p11
7	35	0.87	35	0	38	4.05	0.05	726.31	25.73	38.00	32.30	1227.35	501.05	p11
7	35	0.88	35	0	38	4.05	0.05	726.50	25.73	38.00	32.30	1227.35	500.85	p11
7	35	0.89	35	0	38	4.05	0.05	726.73	25.73	38.00	32.30	1227.35	500.63	p11
7	35	0.9	35	0	38	4.05	0.05	727.00	25.73	38.00	32.30	1227.35	500.35	p11
7	35	0.91	35	0	38	4.05	0.05	727.33	25.73	38.00	32.30	1227.35	500.02	p11
7	35	0.92	35	0	38	4.05	0.05	727.75	25.73	38.00	32.30	1227.35	499.60	p11
7	35	0.93	35	0	38	4.05	0.05	728.29	25.73	38.00	32.30	1227.35	499.07	p11
7	35	0.94	35	0	37	5.00	0.00	730.00	24.72	37.00	33.19	1227.99	497.99	p11
7	35	0.95	35	0	37	5.00	0.00	730.00	24.72	37.00	33.19	1227.99	497.99	p11
7	35	0.96	35	0	37	5.00	0.00	730.00	24.72	37.00	33.19	1227.99	497.99	p11
7	35	0.97	35	0	37	5.00	0.00	730.00	24.72	37.00	33.19	1227.99	497.99	p11
7	35	0.98	35	0	37	5.00	0.00	730.00	24.72	37.00	33.19	1227.99	497.99	p11
7	35	0.99	35	0	37	5.00	0.00	730.00	24.72	37.00	33.19	1227.99	497.99	p11
7	40	0.85	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.86	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.87	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.88	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.89	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.9	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.91	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.92	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.93	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.94	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.95	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	40	0.96	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.97	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.98	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	40	0.99	40	0	42	5.00	0.00	830.00	29.84	42.00	28.96	1216.23	386.23	p11
7	45	0.85	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.86	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.87	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.88	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.89	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.9	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.91	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.92	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.93	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.94	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.95	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.96	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.97	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.98	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	45	0.99	44	0	45	7.20	0.00	923.20	33.01	44.00	26.65	1172.81	249.61	p11
7	50	0.85	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	50	0.86	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	50	0.87	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	50	0.88	20	0	27	14.11	0.00	484.68	15.20	15.20	43.71	664.31	179.63	p12
7	50	0.89	20	0	27	14.11	0.00	484.68	15.20	15.20	43.71	664.31	179.63	p12
7	50	0.9	21	0	27	15.84	0.00	515.06	15.20	15.20	43.71	664.31	149.25	p12
7	50	0.91	21	0	27	15.84	0.00	515.06	15.20	15.20	43.71	664.31	149.25	p12
7	50	0.92	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	50	0.93	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	50	0.94	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	50	0.95	23	0	27	19.60	0.00	577.62	15.20	15.20	43.71	664.31	86.68	p12
7	50	0.96	23	0	27	19.60	0.00	577.62	15.20	15.20	43.71	664.31	86.68	p12
7	50	0.97	24	0	27	21.63	0.00	609.80	15.20	15.20	43.71	664.31	54.50	p12
7	50	0.98	24	0	27	21.63	0.00	609.80	15.20	15.20	43.71	664.31	54.50	p12
7	50	0.99	25	0	27	23.76	0.00	642.58	15.20	15.20	43.71	664.31	21.72	p12
7	55	0.85	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	55	0.86	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	55	0.87	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	55	0.88	20	0	27	14.11	0.00	484.68	15.20	15.20	43.71	664.31	179.63	p12
7	55	0.89	20	0	27	14.11	0.00	484.68	15.20	15.20	43.71	664.31	179.63	p12
7	55	0.9	21	0	27	15.84	0.00	515.06	15.20	15.20	43.71	664.31	149.25	p12
7	55	0.91	21	0	27	15.84	0.00	515.06	15.20	15.20	43.71	664.31	149.25	p12
7	55	0.92	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	55	0.93	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	55	0.94	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	55	0.95	23	0	27	19.60	0.00	577.62	15.20	15.20	43.71	664.31	86.68	p12
7	55	0.96	23	0	27	19.60	0.00	577.62	15.20	15.20	43.71	664.31	86.68	p12
7	55	0.97	24	0	27	21.63	0.00	609.80	15.20	15.20	43.71	664.31	54.50	p12
7	55	0.98	24	0	27	21.63	0.00	609.80	15.20	15.20	43.71	664.31	54.50	p12
7	55	0.99	25	0	27	23.76	0.00	642.58	15.20	15.20	43.71	664.31	21.72	p12
7	60	0.85	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	60	0.86	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	60	0.87	19	0	27	12.48	0.00	454.90	15.20	15.20	43.71	664.31	209.41	p12
7	60	0.88	20	0	27	14.11	0.00	484.68	15.20	15.20	43.71	664.31	179.63	p12
7	60	0.89	20	0	27	14.11	0.00	484.68	15.20	15.20	43.71	664.31	179.63	p12
7	60	0.9	21	0	27	15.84	0.00	515.06	15.20	15.20	43.71	664.31	149.25	p12
7	60	0.91	21	0	27	15.84	0.00	515.06	15.20	15.20	43.71	664.31	149.25	p12
7	60	0.92	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	60	0.93	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	60	0.94	22	0	27	17.67	0.00	546.04	15.20	15.20	43.71	664.31	118.27	p12
7	60	0.95	23	0	27	19.60	0.00	577.62	15.20	15.20	43.71	664.31	86.68	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	60	0.96	23	0	27	19.60	0.00	577.62	15.20	15.20	43.71	664.31	86.68	p12
7	60	0.97	24	0	27	21.63	0.00	609.80	15.20	15.20	43.71	664.31	54.50	p12
7	60	0.98	24	0	27	21.63	0.00	609.80	15.20	15.20	43.71	664.31	54.50	p12
7	60	0.99	25	0	27	23.76	0.00	642.58	15.20	15.20	43.71	664.31	21.72	p12
8	0	0.85	0	7	15	1.25	1.25	260.00	5.50	15.00	63.33	949.91	689.91	p11
8	0	0.86	0	7	15	1.25	1.25	263.57	5.50	15.00	63.33	949.91	686.34	p11
8	0	0.87	0	7	15	1.25	1.25	267.69	5.50	15.00	63.33	949.91	682.22	p11
8	0	0.88	0	7	15	1.25	1.25	272.50	5.50	15.00	63.33	949.91	677.41	p11
8	0	0.89	0	7	15	1.25	1.25	278.18	5.50	15.00	63.33	949.91	671.73	p11
8	0	0.9	0	7	15	1.25	1.25	285.00	5.50	15.00	63.33	949.91	664.91	p11
8	0	0.91	0	7	15	1.25	1.25	293.33	5.50	15.00	63.33	949.91	656.58	p11
8	0	0.92	0	7	15	1.25	1.25	303.75	5.50	15.00	63.33	949.91	646.16	p11
8	0	0.93	0	8	15	1.80	0.80	314.57	5.50	15.00	63.33	949.91	635.34	p11
8	0	0.94	0	8	15	1.80	0.80	326.00	5.50	15.00	63.33	949.91	623.91	p11
8	0	0.95	0	9	15	2.45	0.45	336.00	5.50	15.00	63.33	949.91	613.91	p11
8	0	0.96	0	10	15	3.20	0.20	348.00	5.50	15.00	63.33	949.91	601.91	p11
8	0	0.97	0	10	15	3.20	0.20	358.00	5.50	15.00	63.33	949.91	591.91	p11
8	0	0.98	0	11	15	4.05	0.05	369.00	5.50	15.00	63.33	949.91	580.91	p11
8	0	0.99	0	11	15	4.05	0.05	384.00	5.50	15.00	63.33	949.91	565.91	p11
8	5	0.85	5	2	15	1.25	1.25	210.00	5.50	15.00	63.33	949.91	739.91	p11
8	5	0.86	5	2	15	1.25	1.25	213.57	5.50	15.00	63.33	949.91	736.34	p11
8	5	0.87	5	2	15	1.25	1.25	217.69	5.50	15.00	63.33	949.91	732.22	p11
8	5	0.88	5	2	15	1.25	1.25	222.50	5.50	15.00	63.33	949.91	727.41	p11
8	5	0.89	5	2	15	1.25	1.25	228.18	5.50	15.00	63.33	949.91	721.73	p11
8	5	0.9	5	2	15	1.25	1.25	235.00	5.50	15.00	63.33	949.91	714.91	p11
8	5	0.91	5	2	15	1.25	1.25	243.33	5.50	15.00	63.33	949.91	706.58	p11
8	5	0.92	5	2	15	1.25	1.25	253.75	5.50	15.00	63.33	949.91	696.16	p11
8	5	0.93	5	3	15	1.80	0.80	264.57	5.50	15.00	63.33	949.91	685.34	p11
8	5	0.94	5	3	15	1.80	0.80	276.00	5.50	15.00	63.33	949.91	673.91	p11
8	5	0.95	5	4	15	2.45	0.45	286.00	5.50	15.00	63.33	949.91	663.91	p11
8	5	0.96	5	5	15	3.20	0.20	298.00	5.50	15.00	63.33	949.91	651.91	p11
8	5	0.97	5	5	15	3.20	0.20	308.00	5.50	15.00	63.33	949.91	641.91	p11
8	5	0.98	5	6	15	4.05	0.05	319.00	5.50	15.00	63.33	949.91	630.91	p11
8	5	0.99	5	6	15	4.05	0.05	334.00	5.50	15.00	63.33	949.91	615.91	p11
8	10	0.85	10	0	18	1.25	1.25	250.00	7.70	18.00	57.24	1030.34	780.35	p11
8	10	0.86	10	0	18	1.25	1.25	253.57	7.70	18.00	57.24	1030.34	776.77	p11
8	10	0.87	10	0	18	1.25	1.25	257.69	7.70	18.00	57.24	1030.34	772.65	p11
8	10	0.88	10	0	18	1.25	1.25	262.50	7.70	18.00	57.24	1030.34	767.85	p11
8	10	0.89	10	0	18	1.25	1.25	268.18	7.70	18.00	57.24	1030.34	762.16	p11
8	10	0.9	10	0	18	1.25	1.25	275.00	7.70	18.00	57.24	1030.34	755.35	p11
8	10	0.91	10	0	18	1.25	1.25	283.33	7.70	18.00	57.24	1030.34	747.01	p11
8	10	0.92	10	0	17	1.80	0.80	266.00	6.94	17.00	59.15	1005.54	739.54	p11
8	10	0.93	10	0	17	1.80	0.80	274.57	6.94	17.00	59.15	1005.54	730.97	p11
8	10	0.94	10	0	16	2.45	0.45	257.00	6.21	16.00	61.17	978.77	721.77	p11
8	10	0.95	10	0	16	2.45	0.45	266.00	6.21	16.00	61.17	978.77	712.77	p11
8	10	0.96	10	0	15	3.20	0.20	248.00	5.50	15.00	63.33	949.91	701.91	p11
8	10	0.97	10	0	15	3.20	0.20	258.00	5.50	15.00	63.33	949.91	691.91	p11
8	10	0.98	10	1	15	4.05	0.05	269.00	5.50	15.00	63.33	949.91	680.91	p11
8	10	0.99	10	1	15	4.05	0.05	284.00	5.50	15.00	63.33	949.91	665.91	p11
8	15	0.85	15	0	23	1.25	1.25	350.00	11.72	23.00	49.06	1128.36	778.36	p11
8	15	0.86	15	0	23	1.25	1.25	353.57	11.72	23.00	49.06	1128.36	774.79	p11
8	15	0.87	15	0	23	1.25	1.25	357.69	11.72	23.00	49.06	1128.36	770.66	p11
8	15	0.88	15	0	22	1.80	0.80	346.00	10.88	22.00	50.54	1111.94	765.94	p11
8	15	0.89	15	0	22	1.80	0.80	349.64	10.88	22.00	50.54	1111.94	762.31	p11
8	15	0.9	15	0	22	1.80	0.80	354.00	10.88	22.00	50.54	1111.94	757.94	p11
8	15	0.91	15	0	22	1.80	0.80	359.33	10.88	22.00	50.54	1111.94	752.61	p11
8	15	0.92	15	0	21	2.45	0.45	345.75	10.06	21.00	52.10	1094.01	748.26	p11
8	15	0.93	15	0	21	2.45	0.45	350.57	10.06	21.00	52.10	1094.01	743.44	p11
8	15	0.94	15	0	21	2.45	0.45	357.00	10.06	21.00	52.10	1094.01	737.01	p11
8	15	0.95	15	0	20	3.20	0.20	342.00	9.26	20.00	53.72	1074.49	732.49	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
8	15	0.96	15	0	20	3.20	0.20	348.00	9.26	20.00	53.72	1074.49	726.49	p11
8	15	0.97	15	0	19	4.05	0.05	334.00	8.47	19.00	55.44	1053.29	719.30	p11
8	15	0.98	15	0	19	4.05	0.05	339.00	8.47	19.00	55.44	1053.29	714.30	p11
8	15	0.99	15	0	18	5.00	0.00	330.00	7.70	18.00	57.24	1030.34	700.35	p11
8	20	0.85	20	0	27	1.80	0.80	438.00	15.20	27.00	43.71	1180.08	742.08	p11
8	20	0.86	20	0	27	1.80	0.80	440.29	15.20	27.00	43.71	1180.08	739.79	p11
8	20	0.87	20	0	27	1.80	0.80	442.92	15.20	27.00	43.71	1180.08	737.16	p11
8	20	0.88	20	0	26	2.45	0.45	434.50	14.31	26.00	44.97	1169.13	734.63	p11
8	20	0.89	20	0	26	2.45	0.45	436.55	14.31	26.00	44.97	1169.13	732.58	p11
8	20	0.9	20	0	26	2.45	0.45	439.00	14.31	26.00	44.97	1169.13	730.13	p11
8	20	0.91	20	0	26	2.45	0.45	442.00	14.31	26.00	44.97	1169.13	727.13	p11
8	20	0.92	20	0	25	3.20	0.20	433.00	13.43	25.00	46.28	1156.89	723.89	p11
8	20	0.93	20	0	25	3.20	0.20	435.14	13.43	25.00	46.28	1156.89	721.75	p11
8	20	0.94	20	0	25	3.20	0.20	438.00	13.43	25.00	46.28	1156.89	718.89	p11
8	20	0.95	20	0	25	3.20	0.20	442.00	13.43	25.00	46.28	1156.89	714.89	p11
8	20	0.96	20	0	24	4.05	0.05	431.50	12.57	24.00	47.64	1143.32	711.82	p11
8	20	0.97	20	0	24	4.05	0.05	434.00	12.57	24.00	47.64	1143.32	709.32	p11
8	20	0.98	20	0	24	4.05	0.05	439.00	12.57	24.00	47.64	1143.32	704.32	p11
8	20	0.99	20	0	23	5.00	0.00	430.00	11.72	23.00	49.06	1128.36	698.36	p11
8	25	0.85	25	0	31	2.45	0.45	530.00	18.88	31.00	39.10	1211.95	681.95	p11
8	25	0.86	25	0	31	2.45	0.45	531.29	18.88	31.00	39.10	1211.95	680.66	p11
8	25	0.87	25	0	31	2.45	0.45	532.77	18.88	31.00	39.10	1211.95	679.18	p11
8	25	0.88	25	0	30	3.20	0.20	528.00	17.94	30.00	40.19	1205.69	677.69	p11
8	25	0.89	25	0	30	3.20	0.20	528.91	17.94	30.00	40.19	1205.69	676.78	p11
8	25	0.9	25	0	30	3.20	0.20	530.00	17.94	30.00	40.19	1205.69	675.69	p11
8	25	0.91	25	0	30	3.20	0.20	531.33	17.94	30.00	40.19	1205.69	674.36	p11
8	25	0.92	25	0	30	3.20	0.20	533.00	17.94	30.00	40.19	1205.69	672.69	p11
8	25	0.93	25	0	29	4.05	0.05	528.29	17.02	29.00	41.32	1198.32	670.03	p11
8	25	0.94	25	0	29	4.05	0.05	529.00	17.02	29.00	41.32	1198.32	669.32	p11
8	25	0.95	25	0	29	4.05	0.05	530.00	17.02	29.00	41.32	1198.32	668.32	p11
8	25	0.96	25	0	29	4.05	0.05	531.50	17.02	29.00	41.32	1198.32	666.82	p11
8	25	0.97	25	0	29	4.05	0.05	534.00	17.02	29.00	41.32	1198.32	664.32	p11
8	25	0.98	25	0	28	5.00	0.00	530.00	16.10	28.00	42.49	1189.79	659.79	p11
8	25	0.99	25	0	28	5.00	0.00	530.00	16.10	28.00	42.49	1189.79	659.79	p11
8	30	0.85	30	0	35	3.20	0.20	626.00	22.73	35.00	35.04	1226.54	600.54	p11
8	30	0.86	30	0	35	3.20	0.20	626.57	22.73	35.00	35.04	1226.54	599.97	p11
8	30	0.87	30	0	35	3.20	0.20	627.23	22.73	35.00	35.04	1226.54	599.31	p11
8	30	0.88	30	0	35	3.20	0.20	628.00	22.73	35.00	35.04	1226.54	598.54	p11
8	30	0.89	30	0	34	4.05	0.05	626.73	21.76	34.00	36.01	1224.39	597.67	p11
8	30	0.9	30	0	34	4.05	0.05	627.00	21.76	34.00	36.01	1224.39	597.39	p11
8	30	0.91	30	0	34	4.05	0.05	627.33	21.76	34.00	36.01	1224.39	597.06	p11
8	30	0.92	30	0	34	4.05	0.05	627.75	21.76	34.00	36.01	1224.39	596.64	p11
8	30	0.93	30	0	34	4.05	0.05	628.29	21.76	34.00	36.01	1224.39	596.11	p11
8	30	0.94	30	0	34	4.05	0.05	629.00	21.76	34.00	36.01	1224.39	595.39	p11
8	30	0.95	30	0	34	4.05	0.05	630.00	21.76	34.00	36.01	1224.39	594.39	p11
8	30	0.96	30	0	34	4.05	0.05	631.50	21.76	34.00	36.01	1224.39	592.89	p11
8	30	0.97	30	0	33	5.00	0.00	630.00	20.79	33.00	37.01	1221.27	591.27	p11
8	30	0.98	30	0	33	5.00	0.00	630.00	20.79	33.00	37.01	1221.27	591.27	p11
8	30	0.99	30	0	33	5.00	0.00	630.00	20.79	33.00	37.01	1221.27	591.27	p11
8	35	0.85	35	0	39	4.05	0.05	726.00	26.74	39.00	31.43	1225.83	499.84	p11
8	35	0.86	35	0	39	4.05	0.05	726.14	26.74	39.00	31.43	1225.83	499.69	p11
8	35	0.87	35	0	39	4.05	0.05	726.31	26.74	39.00	31.43	1225.83	499.53	p11
8	35	0.88	35	0	39	4.05	0.05	726.50	26.74	39.00	31.43	1225.83	499.34	p11
8	35	0.89	35	0	39	4.05	0.05	726.73	26.74	39.00	31.43	1225.83	499.11	p11
8	35	0.9	35	0	39	4.05	0.05	727.00	26.74	39.00	31.43	1225.83	498.84	p11
8	35	0.91	35	0	39	4.05	0.05	727.33	26.74	39.00	31.43	1225.83	498.50	p11
8	35	0.92	35	0	39	4.05	0.05	727.75	26.74	39.00	31.43	1225.83	498.09	p11
8	35	0.93	35	0	38	5.00	0.00	730.00	25.73	38.00	32.30	1227.35	497.35	p11
8	35	0.94	35	0	38	5.00	0.00	730.00	25.73	38.00	32.30	1227.35	497.35	p11
8	35	0.95	35	0	38	5.00	0.00	730.00	25.73	38.00	32.30	1227.35	497.35	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
8	35	0.96	35	0	38	5.00	0.00	730.00	25.73	38.00	32.30	1227.35	497.35	p11
8	35	0.97	35	0	38	5.00	0.00	730.00	25.73	38.00	32.30	1227.35	497.35	p11
8	35	0.98	35	0	38	5.00	0.00	730.00	25.73	38.00	32.30	1227.35	497.35	p11
8	35	0.99	35	0	38	5.00	0.00	730.00	25.73	38.00	32.30	1227.35	497.35	p11
8	40	0.85	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.86	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.87	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.88	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.89	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.9	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.91	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.92	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.93	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.94	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.95	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.96	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.97	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.98	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	40	0.99	40	0	43	5.00	0.00	830.00	30.89	43.00	28.17	1211.41	381.41	p11
8	45	0.85	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.86	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.87	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.88	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.89	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.9	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.91	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.92	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.93	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.94	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.95	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.96	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.97	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.98	43	0	46	7.20	0.00	903.20	34.08	44.00	25.92	1140.53	237.33	p11
8	45	0.99	44	0	46	7.20	0.00	923.20	34.08	45.00	25.92	1166.45	243.25	p11
8	50	0.85	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	50	0.86	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	50	0.87	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	50	0.88	19	0	27	14.11	0.00	464.68	15.20	15.20	43.71	664.31	199.63	p12
8	50	0.89	19	0	27	14.11	0.00	464.68	15.20	15.20	43.71	664.31	199.63	p12
8	50	0.9	20	0	27	15.84	0.00	495.06	15.20	15.20	43.71	664.31	169.25	p12
8	50	0.91	20	0	27	15.84	0.00	495.06	15.20	15.20	43.71	664.31	169.25	p12
8	50	0.92	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	50	0.93	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	50	0.94	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	50	0.95	22	0	27	19.60	0.00	557.62	15.20	15.20	43.71	664.31	106.69	p12
8	50	0.96	22	0	27	19.60	0.00	557.62	15.20	15.20	43.71	664.31	106.69	p12
8	50	0.97	23	0	27	21.63	0.00	589.80	15.20	15.20	43.71	664.31	74.50	p12
8	50	0.98	23	0	27	21.63	0.00	589.80	15.20	15.20	43.71	664.31	74.50	p12
8	50	0.99	24	0	27	23.76	0.00	622.58	15.20	15.20	43.71	664.31	41.72	p12
8	55	0.85	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	55	0.86	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	55	0.87	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	55	0.88	19	0	27	14.11	0.00	464.68	15.20	15.20	43.71	664.31	199.63	p12
8	55	0.89	19	0	27	14.11	0.00	464.68	15.20	15.20	43.71	664.31	199.63	p12
8	55	0.9	20	0	27	15.84	0.00	495.06	15.20	15.20	43.71	664.31	169.25	p12
8	55	0.91	20	0	27	15.84	0.00	495.06	15.20	15.20	43.71	664.31	169.25	p12
8	55	0.92	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	55	0.93	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	55	0.94	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	55	0.95	22	0	27	19.60	0.00	557.62	15.20	15.20	43.71	664.31	106.69	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
8	55	0.96	22	0	27	19.60	0.00	557.62	15.20	15.20	43.71	664.31	106.69	p12
8	55	0.97	23	0	27	21.63	0.00	589.80	15.20	15.20	43.71	664.31	74.50	p12
8	55	0.98	23	0	27	21.63	0.00	589.80	15.20	15.20	43.71	664.31	74.50	p12
8	55	0.99	24	0	27	23.76	0.00	622.58	15.20	15.20	43.71	664.31	41.72	p12
8	60	0.85	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	60	0.86	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	60	0.87	18	0	27	12.48	0.00	434.90	15.20	15.20	43.71	664.31	229.41	p12
8	60	0.88	19	0	27	14.11	0.00	464.68	15.20	15.20	43.71	664.31	199.63	p12
8	60	0.89	19	0	27	14.11	0.00	464.68	15.20	15.20	43.71	664.31	199.63	p12
8	60	0.9	20	0	27	15.84	0.00	495.06	15.20	15.20	43.71	664.31	169.25	p12
8	60	0.91	20	0	27	15.84	0.00	495.06	15.20	15.20	43.71	664.31	169.25	p12
8	60	0.92	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	60	0.93	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	60	0.94	21	0	27	17.67	0.00	526.04	15.20	15.20	43.71	664.31	138.27	p12
8	60	0.95	22	0	27	19.60	0.00	557.62	15.20	15.20	43.71	664.31	106.69	p12
8	60	0.96	22	0	27	19.60	0.00	557.62	15.20	15.20	43.71	664.31	106.69	p12
8	60	0.97	23	0	27	21.63	0.00	589.80	15.20	15.20	43.71	664.31	74.50	p12
8	60	0.98	23	0	27	21.63	0.00	589.80	15.20	15.20	43.71	664.31	74.50	p12
8	60	0.99	24	0	27	23.76	0.00	622.58	15.20	15.20	43.71	664.31	41.72	p12
9	0	0.85	0	6	15	1.25	1.25	230.00	5.50	15.00	63.33	949.91	719.91	p11
9	0	0.86	0	6	15	1.25	1.25	233.57	5.50	15.00	63.33	949.91	716.34	p11
9	0	0.87	0	6	15	1.25	1.25	237.69	5.50	15.00	63.33	949.91	712.22	p11
9	0	0.88	0	6	15	1.25	1.25	242.50	5.50	15.00	63.33	949.91	707.41	p11
9	0	0.89	0	6	15	1.25	1.25	248.18	5.50	15.00	63.33	949.91	701.73	p11
9	0	0.9	0	6	15	1.25	1.25	255.00	5.50	15.00	63.33	949.91	694.91	p11
9	0	0.91	0	6	15	1.25	1.25	263.33	5.50	15.00	63.33	949.91	686.58	p11
9	0	0.92	0	6	15	1.25	1.25	273.75	5.50	15.00	63.33	949.91	676.16	p11
9	0	0.93	0	7	15	1.80	0.80	284.57	5.50	15.00	63.33	949.91	665.34	p11
9	0	0.94	0	7	15	1.80	0.80	296.00	5.50	15.00	63.33	949.91	653.91	p11
9	0	0.95	0	8	15	2.45	0.45	306.00	5.50	15.00	63.33	949.91	643.91	p11
9	0	0.96	0	9	15	3.20	0.20	318.00	5.50	15.00	63.33	949.91	631.91	p11
9	0	0.97	0	9	15	3.20	0.20	328.00	5.50	15.00	63.33	949.91	621.91	p11
9	0	0.98	0	10	15	4.05	0.05	339.00	5.50	15.00	63.33	949.91	610.91	p11
9	0	0.99	0	10	15	4.05	0.05	354.00	5.50	15.00	63.33	949.91	595.91	p11
9	5	0.85	5	1	15	1.25	1.25	180.00	5.50	15.00	63.33	949.91	769.91	p11
9	5	0.86	5	1	15	1.25	1.25	183.57	5.50	15.00	63.33	949.91	766.34	p11
9	5	0.87	5	1	15	1.25	1.25	187.69	5.50	15.00	63.33	949.91	762.22	p11
9	5	0.88	5	1	15	1.25	1.25	192.50	5.50	15.00	63.33	949.91	757.41	p11
9	5	0.89	5	1	15	1.25	1.25	198.18	5.50	15.00	63.33	949.91	751.73	p11
9	5	0.9	5	1	15	1.25	1.25	205.00	5.50	15.00	63.33	949.91	744.91	p11
9	5	0.91	5	1	15	1.25	1.25	213.33	5.50	15.00	63.33	949.91	736.58	p11
9	5	0.92	5	1	15	1.25	1.25	223.75	5.50	15.00	63.33	949.91	726.16	p11
9	5	0.93	5	2	15	1.80	0.80	234.57	5.50	15.00	63.33	949.91	715.34	p11
9	5	0.94	5	2	15	1.80	0.80	246.00	5.50	15.00	63.33	949.91	703.91	p11
9	5	0.95	5	3	15	2.45	0.45	256.00	5.50	15.00	63.33	949.91	693.91	p11
9	5	0.96	5	4	15	3.20	0.20	268.00	5.50	15.00	63.33	949.91	681.91	p11
9	5	0.97	5	4	15	3.20	0.20	278.00	5.50	15.00	63.33	949.91	671.91	p11
9	5	0.98	5	5	15	4.05	0.05	289.00	5.50	15.00	63.33	949.91	660.91	p11
9	5	0.99	5	5	15	4.05	0.05	304.00	5.50	15.00	63.33	949.91	645.91	p11
9	10	0.85	10	0	19	1.25	1.25	250.00	8.47	19.00	55.44	1053.29	803.30	p11
9	10	0.86	10	0	19	1.25	1.25	253.57	8.47	19.00	55.44	1053.29	799.72	p11
9	10	0.87	10	0	19	1.25	1.25	257.69	8.47	19.00	55.44	1053.29	795.60	p11
9	10	0.88	10	0	19	1.25	1.25	262.50	8.47	19.00	55.44	1053.29	790.80	p11
9	10	0.89	10	0	19	1.25	1.25	268.18	8.47	19.00	55.44	1053.29	785.11	p11
9	10	0.9	10	0	19	1.25	1.25	275.00	8.47	19.00	55.44	1053.29	778.30	p11
9	10	0.91	10	0	18	1.80	0.80	259.33	7.70	18.00	57.24	1030.34	771.01	p11
9	10	0.92	10	0	18	1.80	0.80	266.00	7.70	18.00	57.24	1030.34	764.35	p11
9	10	0.93	10	0	18	1.80	0.80	274.57	7.70	18.00	57.24	1030.34	755.77	p11
9	10	0.94	10	0	17	2.45	0.45	257.00	6.94	17.00	59.15	1005.54	748.54	p11
9	10	0.95	10	0	17	2.45	0.45	266.00	6.94	17.00	59.15	1005.54	739.54	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
9	10	0.96	10	0	16	3.20	0.20	248.00	6.21	16.00	61.17	978.77	730.77	p11
9	10	0.97	10	0	16	3.20	0.20	258.00	6.21	16.00	61.17	978.77	720.77	p11
9	10	0.98	10	0	15	4.05	0.05	239.00	5.50	15.00	63.33	949.91	710.91	p11
9	10	0.99	10	0	15	4.05	0.05	254.00	5.50	15.00	63.33	949.91	695.91	p11
9	15	0.85	15	0	24	1.25	1.25	350.00	12.57	24.00	47.64	1143.32	793.32	p11
9	15	0.86	15	0	24	1.25	1.25	353.57	12.57	24.00	47.64	1143.32	789.75	p11
9	15	0.87	15	0	23	1.80	0.80	342.92	11.72	23.00	49.06	1128.36	785.43	p11
9	15	0.88	15	0	23	1.80	0.80	346.00	11.72	23.00	49.06	1128.36	782.36	p11
9	15	0.89	15	0	23	1.80	0.80	349.64	11.72	23.00	49.06	1128.36	778.72	p11
9	15	0.9	15	0	23	1.80	0.80	354.00	11.72	23.00	49.06	1128.36	774.36	p11
9	15	0.91	15	0	22	2.45	0.45	342.00	10.88	22.00	50.54	1111.94	769.94	p11
9	15	0.92	15	0	22	2.45	0.45	345.75	10.88	22.00	50.54	1111.94	766.19	p11
9	15	0.93	15	0	22	2.45	0.45	350.57	10.88	22.00	50.54	1111.94	761.37	p11
9	15	0.94	15	0	21	3.20	0.20	338.00	10.06	21.00	52.10	1094.01	756.01	p11
9	15	0.95	15	0	21	3.20	0.20	342.00	10.06	21.00	52.10	1094.01	752.01	p11
9	15	0.96	15	0	21	3.20	0.20	348.00	10.06	21.00	52.10	1094.01	746.01	p11
9	15	0.97	15	0	20	4.05	0.05	334.00	9.26	20.00	53.72	1074.49	740.49	p11
9	15	0.98	15	0	20	4.05	0.05	339.00	9.26	20.00	53.72	1074.49	735.49	p11
9	15	0.99	15	0	19	5.00	0.00	330.00	8.47	19.00	55.44	1053.29	723.30	p11
9	20	0.85	20	0	28	1.80	0.80	438.00	16.10	28.00	42.49	1189.79	751.79	p11
9	20	0.86	20	0	28	1.80	0.80	440.29	16.10	28.00	42.49	1189.79	749.51	p11
9	20	0.87	20	0	27	2.45	0.45	432.77	15.20	27.00	43.71	1180.08	747.31	p11
9	20	0.88	20	0	27	2.45	0.45	434.50	15.20	27.00	43.71	1180.08	745.58	p11
9	20	0.89	20	0	27	2.45	0.45	436.55	15.20	27.00	43.71	1180.08	743.53	p11
9	20	0.9	20	0	27	2.45	0.45	439.00	15.20	27.00	43.71	1180.08	741.08	p11
9	20	0.91	20	0	26	3.20	0.20	431.33	14.31	26.00	44.97	1169.13	737.79	p11
9	20	0.92	20	0	26	3.20	0.20	433.00	14.31	26.00	44.97	1169.13	736.13	p11
9	20	0.93	20	0	26	3.20	0.20	435.14	14.31	26.00	44.97	1169.13	733.98	p11
9	20	0.94	20	0	26	3.20	0.20	438.00	14.31	26.00	44.97	1169.13	731.13	p11
9	20	0.95	20	0	25	4.05	0.05	430.00	13.43	25.00	46.28	1156.89	726.89	p11
9	20	0.96	20	0	25	4.05	0.05	431.50	13.43	25.00	46.28	1156.89	725.39	p11
9	20	0.97	20	0	25	4.05	0.05	434.00	13.43	25.00	46.28	1156.89	722.89	p11
9	20	0.98	20	0	25	4.05	0.05	439.00	13.43	25.00	46.28	1156.89	717.89	p11
9	20	0.99	20	0	24	5.00	0.00	430.00	12.57	24.00	47.64	1143.32	713.32	p11
9	25	0.85	25	0	32	2.45	0.45	530.00	19.83	32.00	38.04	1217.13	687.13	p11
9	25	0.86	25	0	32	2.45	0.45	531.29	19.83	32.00	38.04	1217.13	685.84	p11
9	25	0.87	25	0	31	3.20	0.20	527.23	18.88	31.00	39.10	1211.95	684.72	p11
9	25	0.88	25	0	31	3.20	0.20	528.00	18.88	31.00	39.10	1211.95	683.95	p11
9	25	0.89	25	0	31	3.20	0.20	528.91	18.88	31.00	39.10	1211.95	683.04	p11
9	25	0.9	25	0	31	3.20	0.20	530.00	18.88	31.00	39.10	1211.95	681.95	p11
9	25	0.91	25	0	31	3.20	0.20	531.33	18.88	31.00	39.10	1211.95	680.61	p11
9	25	0.92	25	0	31	3.20	0.20	533.00	18.88	31.00	39.10	1211.95	678.95	p11
9	25	0.93	25	0	30	4.05	0.05	528.29	17.94	30.00	40.19	1205.69	677.40	p11
9	25	0.94	25	0	30	4.05	0.05	529.00	17.94	30.00	40.19	1205.69	676.69	p11
9	25	0.95	25	0	30	4.05	0.05	530.00	17.94	30.00	40.19	1205.69	675.69	p11
9	25	0.96	25	0	30	4.05	0.05	531.50	17.94	30.00	40.19	1205.69	674.19	p11
9	25	0.97	25	0	30	4.05	0.05	534.00	17.94	30.00	40.19	1205.69	671.69	p11
9	25	0.98	25	0	29	5.00	0.00	530.00	17.02	29.00	41.32	1198.32	668.32	p11
9	25	0.99	25	0	29	5.00	0.00	530.00	17.02	29.00	41.32	1198.32	668.32	p11
9	30	0.85	30	0	36	3.20	0.20	626.00	23.72	36.00	34.10	1227.73	601.73	p11
9	30	0.86	30	0	36	3.20	0.20	626.57	23.72	36.00	34.10	1227.73	601.16	p11
9	30	0.87	30	0	35	4.05	0.05	626.31	22.73	35.00	35.04	1226.54	600.23	p11
9	30	0.88	30	0	35	4.05	0.05	626.50	22.73	35.00	35.04	1226.54	600.04	p11
9	30	0.89	30	0	35	4.05	0.05	626.73	22.73	35.00	35.04	1226.54	599.81	p11
9	30	0.9	30	0	35	4.05	0.05	627.00	22.73	35.00	35.04	1226.54	599.54	p11
9	30	0.91	30	0	35	4.05	0.05	627.33	22.73	35.00	35.04	1226.54	599.20	p11
9	30	0.92	30	0	35	4.05	0.05	627.75	22.73	35.00	35.04	1226.54	598.79	p11
9	30	0.93	30	0	35	4.05	0.05	628.29	22.73	35.00	35.04	1226.54	598.25	p11
9	30	0.94	30	0	35	4.05	0.05	629.00	22.73	35.00	35.04	1226.54	597.54	p11
9	30	0.95	30	0	35	4.05	0.05	630.00	22.73	35.00	35.04	1226.54	596.54	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
9	30	0.96	30	0	34	5.00	0.00	630.00	21.76	34.00	36.01	1224.39	594.39	p11
9	30	0.97	30	0	34	5.00	0.00	630.00	21.76	34.00	36.01	1224.39	594.39	p11
9	30	0.98	30	0	34	5.00	0.00	630.00	21.76	34.00	36.01	1224.39	594.39	p11
9	30	0.99	30	0	34	5.00	0.00	630.00	21.76	34.00	36.01	1224.39	594.39	p11
9	35	0.85	35	0	40	4.05	0.05	726.00	27.77	40.00	30.59	1223.46	497.46	p11
9	35	0.86	35	0	40	4.05	0.05	726.14	27.77	40.00	30.59	1223.46	497.32	p11
9	35	0.87	35	0	40	4.05	0.05	726.31	27.77	40.00	30.59	1223.46	497.15	p11
9	35	0.88	35	0	40	4.05	0.05	726.50	27.77	40.00	30.59	1223.46	496.96	p11
9	35	0.89	35	0	40	4.05	0.05	726.73	27.77	40.00	30.59	1223.46	496.73	p11
9	35	0.9	35	0	40	4.05	0.05	727.00	27.77	40.00	30.59	1223.46	496.46	p11
9	35	0.91	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.92	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.93	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.94	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.95	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.96	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.97	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.98	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	35	0.99	35	0	39	5.00	0.00	730.00	26.74	39.00	31.43	1225.83	495.84	p11
9	40	0.85	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.86	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.87	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.88	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.89	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.9	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.91	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.92	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.93	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.94	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.95	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.96	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.97	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.98	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	40	0.99	40	0	44	5.00	0.00	830.00	31.94	44.00	27.41	1205.82	375.82	p11
9	45	0.85	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	45	0.86	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	45	0.87	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	45	0.88	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.89	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.9	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.91	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.92	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.93	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.94	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.95	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.96	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.97	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.98	42	0	46	8.45	0.00	890.70	34.08	43.00	25.92	1114.61	223.91	p11
9	45	0.99	43	0	46	8.45	0.00	910.70	34.08	44.00	25.92	1140.53	229.83	p11
9	50	0.85	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	50	0.86	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	50	0.87	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	50	0.88	18	0	27	14.11	0.00	444.68	15.20	15.20	43.71	664.31	219.63	p12
9	50	0.89	18	0	27	14.11	0.00	444.68	15.20	15.20	43.71	664.31	219.63	p12
9	50	0.9	19	0	27	15.84	0.00	475.06	15.20	15.20	43.71	664.31	189.25	p12
9	50	0.91	19	0	27	15.84	0.00	475.06	15.20	15.20	43.71	664.31	189.25	p12
9	50	0.92	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	50	0.93	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	50	0.94	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	50	0.95	21	0	27	19.60	0.00	537.62	15.20	15.20	43.71	664.31	126.69	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
9	50	0.96	21	0	27	19.60	0.00	537.62	15.20	15.20	43.71	664.31	126.69	p12
9	50	0.97	22	0	27	21.63	0.00	569.80	15.20	15.20	43.71	664.31	94.50	p12
9	50	0.98	22	0	27	21.63	0.00	569.80	15.20	15.20	43.71	664.31	94.50	p12
9	50	0.99	23	0	27	23.76	0.00	602.58	15.20	15.20	43.71	664.31	61.72	p12
9	55	0.85	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	55	0.86	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	55	0.87	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	55	0.88	18	0	27	14.11	0.00	444.68	15.20	15.20	43.71	664.31	219.63	p12
9	55	0.89	18	0	27	14.11	0.00	444.68	15.20	15.20	43.71	664.31	219.63	p12
9	55	0.9	19	0	27	15.84	0.00	475.06	15.20	15.20	43.71	664.31	189.25	p12
9	55	0.91	19	0	27	15.84	0.00	475.06	15.20	15.20	43.71	664.31	189.25	p12
9	55	0.92	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	55	0.93	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	55	0.94	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	55	0.95	21	0	27	19.60	0.00	537.62	15.20	15.20	43.71	664.31	126.69	p12
9	55	0.96	21	0	27	19.60	0.00	537.62	15.20	15.20	43.71	664.31	126.69	p12
9	55	0.97	22	0	27	21.63	0.00	569.80	15.20	15.20	43.71	664.31	94.50	p12
9	55	0.98	22	0	27	21.63	0.00	569.80	15.20	15.20	43.71	664.31	94.50	p12
9	55	0.99	23	0	27	23.76	0.00	602.58	15.20	15.20	43.71	664.31	61.72	p12
9	60	0.85	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	60	0.86	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	60	0.87	17	0	27	12.48	0.00	414.90	15.20	15.20	43.71	664.31	249.41	p12
9	60	0.88	18	0	27	14.11	0.00	444.68	15.20	15.20	43.71	664.31	219.63	p12
9	60	0.89	18	0	27	14.11	0.00	444.68	15.20	15.20	43.71	664.31	219.63	p12
9	60	0.9	19	0	27	15.84	0.00	475.06	15.20	15.20	43.71	664.31	189.25	p12
9	60	0.91	19	0	27	15.84	0.00	475.06	15.20	15.20	43.71	664.31	189.25	p12
9	60	0.92	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	60	0.93	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	60	0.94	20	0	27	17.67	0.00	506.04	15.20	15.20	43.71	664.31	158.27	p12
9	60	0.95	21	0	27	19.60	0.00	537.62	15.20	15.20	43.71	664.31	126.69	p12
9	60	0.96	21	0	27	19.60	0.00	537.62	15.20	15.20	43.71	664.31	126.69	p12
9	60	0.97	22	0	27	21.63	0.00	569.80	15.20	15.20	43.71	664.31	94.50	p12
9	60	0.98	22	0	27	21.63	0.00	569.80	15.20	15.20	43.71	664.31	94.50	p12
9	60	0.99	23	0	27	23.76	0.00	602.58	15.20	15.20	43.71	664.31	61.72	p12
10	0	0.85	0	5	15	1.25	1.25	200.00	5.50	15.00	63.33	949.91	749.91	p11
10	0	0.86	0	5	15	1.25	1.25	203.57	5.50	15.00	63.33	949.91	746.34	p11
10	0	0.87	0	5	15	1.25	1.25	207.69	5.50	15.00	63.33	949.91	742.22	p11
10	0	0.88	0	5	15	1.25	1.25	212.50	5.50	15.00	63.33	949.91	737.41	p11
10	0	0.89	0	5	15	1.25	1.25	218.18	5.50	15.00	63.33	949.91	731.73	p11
10	0	0.9	0	5	15	1.25	1.25	225.00	5.50	15.00	63.33	949.91	724.91	p11
10	0	0.91	0	5	15	1.25	1.25	233.33	5.50	15.00	63.33	949.91	716.58	p11
10	0	0.92	0	5	15	1.25	1.25	243.75	5.50	15.00	63.33	949.91	706.16	p11
10	0	0.93	0	6	15	1.80	0.80	254.57	5.50	15.00	63.33	949.91	695.34	p11
10	0	0.94	0	6	15	1.80	0.80	266.00	5.50	15.00	63.33	949.91	683.91	p11
10	0	0.95	0	7	15	2.45	0.45	276.00	5.50	15.00	63.33	949.91	673.91	p11
10	0	0.96	0	8	15	3.20	0.20	288.00	5.50	15.00	63.33	949.91	661.91	p11
10	0	0.97	0	8	15	3.20	0.20	298.00	5.50	15.00	63.33	949.91	651.91	p11
10	0	0.98	0	9	15	4.05	0.05	309.00	5.50	15.00	63.33	949.91	640.91	p11
10	0	0.99	0	9	15	4.05	0.05	324.00	5.50	15.00	63.33	949.91	625.91	p11
10	5	0.85	5	0	15	1.25	1.25	150.00	5.50	15.00	63.33	949.91	799.91	p11
10	5	0.86	5	0	15	1.25	1.25	153.57	5.50	15.00	63.33	949.91	796.34	p11
10	5	0.87	5	0	15	1.25	1.25	157.69	5.50	15.00	63.33	949.91	792.22	p11
10	5	0.88	5	0	15	1.25	1.25	162.50	5.50	15.00	63.33	949.91	787.41	p11
10	5	0.89	5	0	15	1.25	1.25	168.18	5.50	15.00	63.33	949.91	781.73	p11
10	5	0.9	5	0	15	1.25	1.25	175.00	5.50	15.00	63.33	949.91	774.91	p11
10	5	0.91	5	0	15	1.25	1.25	183.33	5.50	15.00	63.33	949.91	766.58	p11
10	5	0.92	5	0	15	1.25	1.25	193.75	5.50	15.00	63.33	949.91	756.16	p11
10	5	0.93	5	1	15	1.80	0.80	204.57	5.50	15.00	63.33	949.91	745.34	p11
10	5	0.94	5	1	15	1.80	0.80	216.00	5.50	15.00	63.33	949.91	733.91	p11
10	5	0.95	5	2	15	2.45	0.45	226.00	5.50	15.00	63.33	949.91	723.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
10	5	0.96	5	3	15	3.20	0.20	238.00	5.50	15.00	63.33	949.91	711.91	p11
10	5	0.97	5	3	15	3.20	0.20	248.00	5.50	15.00	63.33	949.91	701.91	p11
10	5	0.98	5	4	15	4.05	0.05	259.00	5.50	15.00	63.33	949.91	690.91	p11
10	5	0.99	5	4	15	4.05	0.05	274.00	5.50	15.00	63.33	949.91	675.91	p11
10	10	0.85	10	0	20	1.25	1.25	250.00	9.26	20.00	53.72	1074.49	824.49	p11
10	10	0.86	10	0	20	1.25	1.25	253.57	9.26	20.00	53.72	1074.49	820.92	p11
10	10	0.87	10	0	20	1.25	1.25	257.69	9.26	20.00	53.72	1074.49	816.80	p11
10	10	0.88	10	0	20	1.25	1.25	262.50	9.26	20.00	53.72	1074.49	811.99	p11
10	10	0.89	10	0	20	1.25	1.25	268.18	9.26	20.00	53.72	1074.49	806.31	p11
10	10	0.9	10	0	19	1.80	0.80	254.00	8.47	19.00	55.44	1053.29	799.30	p11
10	10	0.91	10	0	19	1.80	0.80	259.33	8.47	19.00	55.44	1053.29	793.96	p11
10	10	0.92	10	0	19	1.80	0.80	266.00	8.47	19.00	55.44	1053.29	787.30	p11
10	10	0.93	10	0	18	2.45	0.45	250.57	7.70	18.00	57.24	1030.34	779.77	p11
10	10	0.94	10	0	18	2.45	0.45	257.00	7.70	18.00	57.24	1030.34	773.35	p11
10	10	0.95	10	0	18	2.45	0.45	266.00	7.70	18.00	57.24	1030.34	764.35	p11
10	10	0.96	10	0	17	3.20	0.20	248.00	6.94	17.00	59.15	1005.54	757.54	p11
10	10	0.97	10	0	17	3.20	0.20	258.00	6.94	17.00	59.15	1005.54	747.54	p11
10	10	0.98	10	0	16	4.05	0.05	239.00	6.21	16.00	61.17	978.77	739.77	p11
10	10	0.99	10	0	16	4.05	0.05	254.00	6.21	16.00	61.17	978.77	724.77	p11
10	15	0.85	15	0	25	1.25	1.25	350.00	13.43	25.00	46.28	1156.89	806.89	p11
10	15	0.86	15	0	25	1.25	1.25	353.57	13.43	25.00	46.28	1156.89	803.32	p11
10	15	0.87	15	0	24	1.80	0.80	342.92	12.57	24.00	47.64	1143.32	800.40	p11
10	15	0.88	15	0	24	1.80	0.80	346.00	12.57	24.00	47.64	1143.32	797.32	p11
10	15	0.89	15	0	24	1.80	0.80	349.64	12.57	24.00	47.64	1143.32	793.68	p11
10	15	0.9	15	0	23	2.45	0.45	339.00	11.72	23.00	49.06	1128.36	789.36	p11
10	15	0.91	15	0	23	2.45	0.45	342.00	11.72	23.00	49.06	1128.36	786.36	p11
10	15	0.92	15	0	23	2.45	0.45	345.75	11.72	23.00	49.06	1128.36	782.61	p11
10	15	0.93	15	0	23	2.45	0.45	350.57	11.72	23.00	49.06	1128.36	777.79	p11
10	15	0.94	15	0	22	3.20	0.20	338.00	10.88	22.00	50.54	1111.94	773.94	p11
10	15	0.95	15	0	22	3.20	0.20	342.00	10.88	22.00	50.54	1111.94	769.94	p11
10	15	0.96	15	0	22	3.20	0.20	348.00	10.88	22.00	50.54	1111.94	763.94	p11
10	15	0.97	15	0	21	4.05	0.05	334.00	10.06	21.00	52.10	1094.01	760.01	p11
10	15	0.98	15	0	21	4.05	0.05	339.00	10.06	21.00	52.10	1094.01	755.01	p11
10	15	0.99	15	0	20	5.00	0.00	330.00	9.26	20.00	53.72	1074.49	744.49	p11
10	20	0.85	20	0	29	1.80	0.80	438.00	17.02	29.00	41.32	1198.32	760.32	p11
10	20	0.86	20	0	28	2.45	0.45	431.29	16.10	28.00	42.49	1189.79	758.51	p11
10	20	0.87	20	0	28	2.45	0.45	432.77	16.10	28.00	42.49	1189.79	757.03	p11
10	20	0.88	20	0	28	2.45	0.45	434.50	16.10	28.00	42.49	1189.79	755.29	p11
10	20	0.89	20	0	28	2.45	0.45	436.55	16.10	28.00	42.49	1189.79	753.25	p11
10	20	0.9	20	0	28	2.45	0.45	439.00	16.10	28.00	42.49	1189.79	750.79	p11
10	20	0.91	20	0	27	3.20	0.20	431.33	15.20	27.00	43.71	1180.08	748.75	p11
10	20	0.92	20	0	27	3.20	0.20	433.00	15.20	27.00	43.71	1180.08	747.08	p11
10	20	0.93	20	0	27	3.20	0.20	435.14	15.20	27.00	43.71	1180.08	744.94	p11
10	20	0.94	20	0	27	3.20	0.20	438.00	15.20	27.00	43.71	1180.08	742.08	p11
10	20	0.95	20	0	26	4.05	0.05	430.00	14.31	26.00	44.97	1169.13	739.13	p11
10	20	0.96	20	0	26	4.05	0.05	431.50	14.31	26.00	44.97	1169.13	737.63	p11
10	20	0.97	20	0	26	4.05	0.05	434.00	14.31	26.00	44.97	1169.13	735.13	p11
10	20	0.98	20	0	26	4.05	0.05	439.00	14.31	26.00	44.97	1169.13	730.13	p11
10	20	0.99	20	0	25	5.00	0.00	430.00	13.43	25.00	46.28	1156.89	726.89	p11
10	25	0.85	25	0	32	3.20	0.20	526.00	19.83	32.00	38.04	1217.13	691.13	p11
10	25	0.86	25	0	32	3.20	0.20	526.57	19.83	32.00	38.04	1217.13	690.56	p11
10	25	0.87	25	0	32	3.20	0.20	527.23	19.83	32.00	38.04	1217.13	689.90	p11
10	25	0.88	25	0	32	3.20	0.20	528.00	19.83	32.00	38.04	1217.13	689.13	p11
10	25	0.89	25	0	32	3.20	0.20	528.91	19.83	32.00	38.04	1217.13	688.22	p11
10	25	0.9	25	0	32	3.20	0.20	530.00	19.83	32.00	38.04	1217.13	687.13	p11
10	25	0.91	25	0	32	3.20	0.20	531.33	19.83	32.00	38.04	1217.13	685.80	p11
10	25	0.92	25	0	31	4.05	0.05	527.75	18.88	31.00	39.10	1211.95	684.20	p11
10	25	0.93	25	0	31	4.05	0.05	528.29	18.88	31.00	39.10	1211.95	683.66	p11
10	25	0.94	25	0	31	4.05	0.05	529.00	18.88	31.00	39.10	1211.95	682.95	p11
10	25	0.95	25	0	31	4.05	0.05	530.00	18.88	31.00	39.10	1211.95	681.95	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
10	25	0.96	25	0	31	4.05	0.05	531.50	18.88	31.00	39.10	1211.95	680.45	p11
10	25	0.97	25	0	31	4.05	0.05	534.00	18.88	31.00	39.10	1211.95	677.95	p11
10	25	0.98	25	0	30	5.00	0.00	530.00	17.94	30.00	40.19	1205.69	675.69	p11
10	25	0.99	25	0	30	5.00	0.00	530.00	17.94	30.00	40.19	1205.69	675.69	p11
10	30	0.85	30	0	36	4.05	0.05	626.00	23.72	36.00	34.10	1227.73	601.73	p11
10	30	0.86	30	0	36	4.05	0.05	626.14	23.72	36.00	34.10	1227.73	601.59	p11
10	30	0.87	30	0	36	4.05	0.05	626.31	23.72	36.00	34.10	1227.73	601.42	p11
10	30	0.88	30	0	36	4.05	0.05	626.50	23.72	36.00	34.10	1227.73	601.23	p11
10	30	0.89	30	0	36	4.05	0.05	626.73	23.72	36.00	34.10	1227.73	601.00	p11
10	30	0.9	30	0	36	4.05	0.05	627.00	23.72	36.00	34.10	1227.73	600.73	p11
10	30	0.91	30	0	36	4.05	0.05	627.33	23.72	36.00	34.10	1227.73	600.40	p11
10	30	0.92	30	0	36	4.05	0.05	627.75	23.72	36.00	34.10	1227.73	599.98	p11
10	30	0.93	30	0	36	4.05	0.05	628.29	23.72	36.00	34.10	1227.73	599.44	p11
10	30	0.94	30	0	36	4.05	0.05	629.00	23.72	36.00	34.10	1227.73	598.73	p11
10	30	0.95	30	0	36	4.05	0.05	630.00	23.72	36.00	34.10	1227.73	597.73	p11
10	30	0.96	30	0	35	5.00	0.00	630.00	22.73	35.00	35.04	1226.54	596.54	p11
10	30	0.97	30	0	35	5.00	0.00	630.00	22.73	35.00	35.04	1226.54	596.54	p11
10	30	0.98	30	0	35	5.00	0.00	630.00	22.73	35.00	35.04	1226.54	596.54	p11
10	30	0.99	30	0	35	5.00	0.00	630.00	22.73	35.00	35.04	1226.54	596.54	p11
10	35	0.85	35	0	41	4.05	0.05	726.00	28.80	41.00	29.76	1220.25	494.25	p11
10	35	0.86	35	0	41	4.05	0.05	726.14	28.80	41.00	29.76	1220.25	494.11	p11
10	35	0.87	35	0	41	4.05	0.05	726.31	28.80	41.00	29.76	1220.25	493.95	p11
10	35	0.88	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.89	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.9	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.91	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.92	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.93	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.94	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.95	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.96	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.97	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.98	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	35	0.99	35	0	40	5.00	0.00	730.00	27.77	40.00	30.59	1223.46	493.46	p11
10	40	0.85	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.86	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.87	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.88	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.89	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.9	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.91	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.92	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.93	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.94	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.95	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.96	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.97	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.98	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	40	0.99	40	0	44	6.05	0.00	836.30	31.94	44.00	27.41	1205.82	369.52	p11
10	45	0.85	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	45	0.86	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	45	0.87	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	45	0.88	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	45	0.89	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	45	0.9	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	45	0.91	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	45	0.92	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11
10	45	0.93	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11
10	45	0.94	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11
10	45	0.95	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
10	45	0.96	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11
10	45	0.97	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11
10	45	0.98	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11
10	45	0.99	42	0	47	8.45	0.00	890.70	35.15	44.00	25.20	1108.94	218.24	p11
10	50	0.85	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	50	0.86	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	50	0.87	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	50	0.88	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	50	0.89	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	50	0.9	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	50	0.91	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	50	0.92	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	50	0.93	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	50	0.94	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	50	0.95	20	0	27	19.60	0.00	517.62	15.20	15.20	43.71	664.31	146.69	p12
10	50	0.96	20	0	27	19.60	0.00	517.62	15.20	15.20	43.71	664.31	146.69	p12
10	50	0.97	21	0	27	21.63	0.00	549.80	15.20	15.20	43.71	664.31	114.50	p12
10	50	0.98	21	0	27	21.63	0.00	549.80	15.20	15.20	43.71	664.31	114.50	p12
10	50	0.99	22	0	27	23.76	0.00	582.58	15.20	15.20	43.71	664.31	81.72	p12
10	55	0.85	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	55	0.86	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	55	0.87	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	55	0.88	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	55	0.89	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	55	0.9	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	55	0.91	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	55	0.92	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	55	0.93	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	55	0.94	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	55	0.95	20	0	27	19.60	0.00	517.62	15.20	15.20	43.71	664.31	146.69	p12
10	55	0.96	20	0	27	19.60	0.00	517.62	15.20	15.20	43.71	664.31	146.69	p12
10	55	0.97	21	0	27	21.63	0.00	549.80	15.20	15.20	43.71	664.31	114.50	p12
10	55	0.98	21	0	27	21.63	0.00	549.80	15.20	15.20	43.71	664.31	114.50	p12
10	55	0.99	22	0	27	23.76	0.00	582.58	15.20	15.20	43.71	664.31	81.72	p12
10	60	0.85	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	60	0.86	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	60	0.87	16	0	27	12.48	0.00	394.90	15.20	15.20	43.71	664.31	269.41	p12
10	60	0.88	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	60	0.89	17	0	27	14.11	0.00	424.68	15.20	15.20	43.71	664.31	239.63	p12
10	60	0.9	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	60	0.91	18	0	27	15.84	0.00	455.06	15.20	15.20	43.71	664.31	209.25	p12
10	60	0.92	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	60	0.93	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	60	0.94	19	0	27	17.67	0.00	486.04	15.20	15.20	43.71	664.31	178.27	p12
10	60	0.95	20	0	27	19.60	0.00	517.62	15.20	15.20	43.71	664.31	146.69	p12
10	60	0.96	20	0	27	19.60	0.00	517.62	15.20	15.20	43.71	664.31	146.69	p12
10	60	0.97	21	0	27	21.63	0.00	549.80	15.20	15.20	43.71	664.31	114.50	p12
10	60	0.98	21	0	27	21.63	0.00	549.80	15.20	15.20	43.71	664.31	114.50	p12
10	60	0.99	22	0	27	23.76	0.00	582.58	15.20	15.20	43.71	664.31	81.72	p12
11	0	0.85	0	4	15	1.25	1.25	170.00	5.50	15.00	63.33	949.91	779.91	p11
11	0	0.86	0	4	15	1.25	1.25	173.57	5.50	15.00	63.33	949.91	776.34	p11
11	0	0.87	0	4	15	1.25	1.25	177.69	5.50	15.00	63.33	949.91	772.22	p11
11	0	0.88	0	4	15	1.25	1.25	182.50	5.50	15.00	63.33	949.91	767.41	p11
11	0	0.89	0	4	15	1.25	1.25	188.18	5.50	15.00	63.33	949.91	761.73	p11
11	0	0.9	0	4	15	1.25	1.25	195.00	5.50	15.00	63.33	949.91	754.91	p11
11	0	0.91	0	4	15	1.25	1.25	203.33	5.50	15.00	63.33	949.91	746.58	p11
11	0	0.92	0	4	15	1.25	1.25	213.75	5.50	15.00	63.33	949.91	736.16	p11
11	0	0.93	0	5	15	1.80	0.80	224.57	5.50	15.00	63.33	949.91	725.34	p11
11	0	0.94	0	5	15	1.80	0.80	236.00	5.50	15.00	63.33	949.91	713.91	p11
11	0	0.95	0	6	15	2.45	0.45	246.00	5.50	15.00	63.33	949.91	703.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	0	0.96	0	7	15	3.20	0.20	258.00	5.50	15.00	63.33	949.91	691.91	p11
11	0	0.97	0	7	15	3.20	0.20	268.00	5.50	15.00	63.33	949.91	681.91	p11
11	0	0.98	0	8	15	4.05	0.05	279.00	5.50	15.00	63.33	949.91	670.91	p11
11	0	0.99	0	8	15	4.05	0.05	294.00	5.50	15.00	63.33	949.91	655.91	p11
11	5	0.85	5	0	16	1.25	1.25	150.00	6.21	16.00	61.17	978.77	828.77	p11
11	5	0.86	5	0	16	1.25	1.25	153.57	6.21	16.00	61.17	978.77	825.20	p11
11	5	0.87	5	0	16	1.25	1.25	157.69	6.21	16.00	61.17	978.77	821.08	p11
11	5	0.88	5	0	16	1.25	1.25	162.50	6.21	16.00	61.17	978.77	816.27	p11
11	5	0.89	5	0	16	1.25	1.25	168.18	6.21	16.00	61.17	978.77	810.59	p11
11	5	0.9	5	0	16	1.25	1.25	175.00	6.21	16.00	61.17	978.77	803.77	p11
11	5	0.91	5	0	16	1.25	1.25	183.33	6.21	16.00	61.17	978.77	795.44	p11
11	5	0.92	5	0	16	1.25	1.25	193.75	6.21	16.00	61.17	978.77	785.02	p11
11	5	0.93	5	0	15	1.80	0.80	174.57	5.50	15.00	63.33	949.91	775.34	p11
11	5	0.94	5	0	15	1.80	0.80	186.00	5.50	15.00	63.33	949.91	763.91	p11
11	5	0.95	5	1	15	2.45	0.45	196.00	5.50	15.00	63.33	949.91	753.91	p11
11	5	0.96	5	2	15	3.20	0.20	208.00	5.50	15.00	63.33	949.91	741.91	p11
11	5	0.97	5	2	15	3.20	0.20	218.00	5.50	15.00	63.33	949.91	731.91	p11
11	5	0.98	5	3	15	4.05	0.05	229.00	5.50	15.00	63.33	949.91	720.91	p11
11	5	0.99	5	3	15	4.05	0.05	244.00	5.50	15.00	63.33	949.91	705.91	p11
11	10	0.85	10	0	21	1.25	1.25	250.00	10.06	21.00	52.10	1094.01	844.01	p11
11	10	0.86	10	0	21	1.25	1.25	253.57	10.06	21.00	52.10	1094.01	840.44	p11
11	10	0.87	10	0	21	1.25	1.25	257.69	10.06	21.00	52.10	1094.01	836.32	p11
11	10	0.88	10	0	21	1.25	1.25	262.50	10.06	21.00	52.10	1094.01	831.51	p11
11	10	0.89	10	0	21	1.25	1.25	268.18	10.06	21.00	52.10	1094.01	825.83	p11
11	10	0.9	10	0	20	1.80	0.80	254.00	9.26	20.00	53.72	1074.49	820.49	p11
11	10	0.91	10	0	20	1.80	0.80	259.33	9.26	20.00	53.72	1074.49	815.15	p11
11	10	0.92	10	0	20	1.80	0.80	266.00	9.26	20.00	53.72	1074.49	808.49	p11
11	10	0.93	10	0	19	2.45	0.45	250.57	8.47	19.00	55.44	1053.29	802.72	p11
11	10	0.94	10	0	19	2.45	0.45	257.00	8.47	19.00	55.44	1053.29	796.30	p11
11	10	0.95	10	0	18	3.20	0.20	242.00	7.70	18.00	57.24	1030.34	788.35	p11
11	10	0.96	10	0	18	3.20	0.20	248.00	7.70	18.00	57.24	1030.34	782.35	p11
11	10	0.97	10	0	17	4.05	0.05	234.00	6.94	17.00	59.15	1005.54	771.54	p11
11	10	0.98	10	0	17	4.05	0.05	239.00	6.94	17.00	59.15	1005.54	766.54	p11
11	10	0.99	10	0	17	4.05	0.05	254.00	6.94	17.00	59.15	1005.54	751.54	p11
11	15	0.85	15	0	25	1.80	0.80	338.00	13.43	25.00	46.28	1156.89	818.89	p11
11	15	0.86	15	0	25	1.80	0.80	340.29	13.43	25.00	46.28	1156.89	816.61	p11
11	15	0.87	15	0	25	1.80	0.80	342.92	13.43	25.00	46.28	1156.89	813.97	p11
11	15	0.88	15	0	25	1.80	0.80	346.00	13.43	25.00	46.28	1156.89	810.89	p11
11	15	0.89	15	0	25	1.80	0.80	349.64	13.43	25.00	46.28	1156.89	807.26	p11
11	15	0.9	15	0	24	2.45	0.45	339.00	12.57	24.00	47.64	1143.32	804.32	p11
11	15	0.91	15	0	24	2.45	0.45	342.00	12.57	24.00	47.64	1143.32	801.32	p11
11	15	0.92	15	0	24	2.45	0.45	345.75	12.57	24.00	47.64	1143.32	797.57	p11
11	15	0.93	15	0	23	3.20	0.20	335.14	11.72	23.00	49.06	1128.36	793.21	p11
11	15	0.94	15	0	23	3.20	0.20	338.00	11.72	23.00	49.06	1128.36	790.36	p11
11	15	0.95	15	0	23	3.20	0.20	342.00	11.72	23.00	49.06	1128.36	786.36	p11
11	15	0.96	15	0	22	4.05	0.05	331.50	10.88	22.00	50.54	1111.94	780.44	p11
11	15	0.97	15	0	22	4.05	0.05	334.00	10.88	22.00	50.54	1111.94	777.94	p11
11	15	0.98	15	0	22	4.05	0.05	339.00	10.88	22.00	50.54	1111.94	772.94	p11
11	15	0.99	15	0	21	5.00	0.00	330.00	10.06	21.00	52.10	1094.01	764.01	p11
11	20	0.85	20	0	29	2.45	0.45	430.00	17.02	29.00	41.32	1198.32	768.32	p11
11	20	0.86	20	0	29	2.45	0.45	431.29	17.02	29.00	41.32	1198.32	767.03	p11
11	20	0.87	20	0	29	2.45	0.45	432.77	17.02	29.00	41.32	1198.32	765.55	p11
11	20	0.88	20	0	29	2.45	0.45	434.50	17.02	29.00	41.32	1198.32	763.82	p11
11	20	0.89	20	0	29	2.45	0.45	436.55	17.02	29.00	41.32	1198.32	761.77	p11
11	20	0.9	20	0	28	3.20	0.20	430.00	16.10	28.00	42.49	1189.79	759.79	p11
11	20	0.91	20	0	28	3.20	0.20	431.33	16.10	28.00	42.49	1189.79	758.46	p11
11	20	0.92	20	0	28	3.20	0.20	433.00	16.10	28.00	42.49	1189.79	756.79	p11
11	20	0.93	20	0	28	3.20	0.20	435.14	16.10	28.00	42.49	1189.79	754.65	p11
11	20	0.94	20	0	28	3.20	0.20	438.00	16.10	28.00	42.49	1189.79	751.79	p11
11	20	0.95	20	0	27	4.05	0.05	430.00	15.20	27.00	43.71	1180.08	750.08	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	20	0.96	20	0	27	4.05	0.05	431.50	15.20	27.00	43.71	1180.08	748.58	p11
11	20	0.97	20	0	27	4.05	0.05	434.00	15.20	27.00	43.71	1180.08	746.08	p11
11	20	0.98	20	0	27	4.05	0.05	439.00	15.20	27.00	43.71	1180.08	741.08	p11
11	20	0.99	20	0	26	5.00	0.00	430.00	14.31	26.00	44.97	1169.13	739.13	p11
11	25	0.85	25	0	33	3.20	0.20	526.00	20.79	33.00	37.01	1221.27	695.27	p11
11	25	0.86	25	0	33	3.20	0.20	526.57	20.79	33.00	37.01	1221.27	694.70	p11
11	25	0.87	25	0	33	3.20	0.20	527.23	20.79	33.00	37.01	1221.27	694.04	p11
11	25	0.88	25	0	33	3.20	0.20	528.00	20.79	33.00	37.01	1221.27	693.27	p11
11	25	0.89	25	0	33	3.20	0.20	528.91	20.79	33.00	37.01	1221.27	692.36	p11
11	25	0.9	25	0	33	3.20	0.20	530.00	20.79	33.00	37.01	1221.27	691.27	p11
11	25	0.91	25	0	32	4.05	0.05	527.33	19.83	32.00	38.04	1217.13	689.80	p11
11	25	0.92	25	0	32	4.05	0.05	527.75	19.83	32.00	38.04	1217.13	689.38	p11
11	25	0.93	25	0	32	4.05	0.05	528.29	19.83	32.00	38.04	1217.13	688.84	p11
11	25	0.94	25	0	32	4.05	0.05	529.00	19.83	32.00	38.04	1217.13	688.13	p11
11	25	0.95	25	0	32	4.05	0.05	530.00	19.83	32.00	38.04	1217.13	687.13	p11
11	25	0.96	25	0	32	4.05	0.05	531.50	19.83	32.00	38.04	1217.13	685.63	p11
11	25	0.97	25	0	31	5.00	0.00	530.00	18.88	31.00	39.10	1211.95	681.95	p11
11	25	0.98	25	0	31	5.00	0.00	530.00	18.88	31.00	39.10	1211.95	681.95	p11
11	25	0.99	25	0	31	5.00	0.00	530.00	18.88	31.00	39.10	1211.95	681.95	p11
11	30	0.85	30	0	37	4.05	0.05	626.00	24.72	37.00	33.19	1227.99	601.99	p11
11	30	0.86	30	0	37	4.05	0.05	626.14	24.72	37.00	33.19	1227.99	601.85	p11
11	30	0.87	30	0	37	4.05	0.05	626.31	24.72	37.00	33.19	1227.99	601.68	p11
11	30	0.88	30	0	37	4.05	0.05	626.50	24.72	37.00	33.19	1227.99	601.49	p11
11	30	0.89	30	0	37	4.05	0.05	626.73	24.72	37.00	33.19	1227.99	601.26	p11
11	30	0.9	30	0	37	4.05	0.05	627.00	24.72	37.00	33.19	1227.99	600.99	p11
11	30	0.91	30	0	37	4.05	0.05	627.33	24.72	37.00	33.19	1227.99	600.66	p11
11	30	0.92	30	0	37	4.05	0.05	627.75	24.72	37.00	33.19	1227.99	600.24	p11
11	30	0.93	30	0	37	4.05	0.05	628.29	24.72	37.00	33.19	1227.99	599.71	p11
11	30	0.94	30	0	37	4.05	0.05	629.00	24.72	37.00	33.19	1227.99	598.99	p11
11	30	0.95	30	0	36	5.00	0.00	630.00	23.72	36.00	34.10	1227.73	597.73	p11
11	30	0.96	30	0	36	5.00	0.00	630.00	23.72	36.00	34.10	1227.73	597.73	p11
11	30	0.97	30	0	36	5.00	0.00	630.00	23.72	36.00	34.10	1227.73	597.73	p11
11	30	0.98	30	0	36	5.00	0.00	630.00	23.72	36.00	34.10	1227.73	597.73	p11
11	30	0.99	30	0	36	5.00	0.00	630.00	23.72	36.00	34.10	1227.73	597.73	p11
11	35	0.85	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.86	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.87	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.88	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.89	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.9	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.91	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.92	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.93	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.94	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.95	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.96	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.97	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.98	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	35	0.99	35	0	41	5.00	0.00	730.00	28.80	41.00	29.76	1220.25	490.25	p11
11	40	0.85	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.86	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.87	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.88	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.89	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.9	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.91	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.92	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.93	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.94	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.95	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	40	0.96	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.97	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.98	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	40	0.99	40	0	45	6.05	0.00	836.30	33.01	45.00	26.65	1199.47	363.17	p11
11	45	0.85	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	45	0.86	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	45	0.87	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	45	0.88	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	45	0.89	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	45	0.9	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	45	0.91	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	45	0.92	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	45	0.93	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	45	0.94	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	45	0.95	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12
11	45	0.96	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12
11	45	0.97	41	0	47	9.80	0.00	878.80	35.15	43.00	25.20	1083.74	204.94	p11
11	45	0.98	41	0	47	9.80	0.00	878.80	35.15	43.00	25.20	1083.74	204.94	p11
11	45	0.99	41	0	47	9.80	0.00	878.80	35.15	43.00	25.20	1083.74	204.94	p11
11	50	0.85	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	50	0.86	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	50	0.87	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	50	0.88	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	50	0.89	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	50	0.9	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	50	0.91	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	50	0.92	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	50	0.93	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	50	0.94	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	50	0.95	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12
11	50	0.96	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12
11	50	0.97	20	0	27	21.63	0.00	529.80	15.20	15.20	43.71	664.31	134.50	p12
11	50	0.98	20	0	27	21.63	0.00	529.80	15.20	15.20	43.71	664.31	134.50	p12
11	50	0.99	21	0	27	23.76	0.00	562.58	15.20	15.20	43.71	664.31	101.72	p12
11	55	0.85	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	55	0.86	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	55	0.87	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	55	0.88	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	55	0.89	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	55	0.9	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	55	0.91	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	55	0.92	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	55	0.93	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	55	0.94	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	55	0.95	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12
11	55	0.96	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12
11	55	0.97	20	0	27	21.63	0.00	529.80	15.20	15.20	43.71	664.31	134.50	p12
11	55	0.98	20	0	27	21.63	0.00	529.80	15.20	15.20	43.71	664.31	134.50	p12
11	55	0.99	21	0	27	23.76	0.00	562.58	15.20	15.20	43.71	664.31	101.72	p12
11	60	0.85	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	60	0.86	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	60	0.87	15	0	27	12.48	0.00	374.90	15.20	15.20	43.71	664.31	289.41	p12
11	60	0.88	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	60	0.89	16	0	27	14.11	0.00	404.68	15.20	15.20	43.71	664.31	259.63	p12
11	60	0.9	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	60	0.91	17	0	27	15.84	0.00	435.06	15.20	15.20	43.71	664.31	229.25	p12
11	60	0.92	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	60	0.93	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	60	0.94	18	0	27	17.67	0.00	466.04	15.20	15.20	43.71	664.31	198.27	p12
11	60	0.95	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	60	0.96	19	0	27	19.60	0.00	497.62	15.20	15.20	43.71	664.31	166.69	p12
11	60	0.97	20	0	27	21.63	0.00	529.80	15.20	15.20	43.71	664.31	134.50	p12
11	60	0.98	20	0	27	21.63	0.00	529.80	15.20	15.20	43.71	664.31	134.50	p12
11	60	0.99	21	0	27	23.76	0.00	562.58	15.20	15.20	43.71	664.31	101.72	p12
12	0	0.85	0	3	15	1.25	1.25	140.00	5.50	15.00	63.33	949.91	809.91	p11
12	0	0.86	0	3	15	1.25	1.25	143.57	5.50	15.00	63.33	949.91	806.34	p11
12	0	0.87	0	3	15	1.25	1.25	147.69	5.50	15.00	63.33	949.91	802.22	p11
12	0	0.88	0	3	15	1.25	1.25	152.50	5.50	15.00	63.33	949.91	797.41	p11
12	0	0.89	0	3	15	1.25	1.25	158.18	5.50	15.00	63.33	949.91	791.73	p11
12	0	0.9	0	3	15	1.25	1.25	165.00	5.50	15.00	63.33	949.91	784.91	p11
12	0	0.91	0	3	15	1.25	1.25	173.33	5.50	15.00	63.33	949.91	776.58	p11
12	0	0.92	0	3	15	1.25	1.25	183.75	5.50	15.00	63.33	949.91	766.16	p11
12	0	0.93	0	4	15	1.80	0.80	194.57	5.50	15.00	63.33	949.91	755.34	p11
12	0	0.94	0	4	15	1.80	0.80	206.00	5.50	15.00	63.33	949.91	743.91	p11
12	0	0.95	0	5	15	2.45	0.45	216.00	5.50	15.00	63.33	949.91	733.91	p11
12	0	0.96	0	6	15	3.20	0.20	228.00	5.50	15.00	63.33	949.91	721.91	p11
12	0	0.97	0	6	15	3.20	0.20	238.00	5.50	15.00	63.33	949.91	711.91	p11
12	0	0.98	0	7	15	4.05	0.05	249.00	5.50	15.00	63.33	949.91	700.91	p11
12	0	0.99	0	7	15	4.05	0.05	264.00	5.50	15.00	63.33	949.91	685.91	p11
12	5	0.85	5	0	17	1.25	1.25	150.00	6.94	17.00	59.15	1005.54	855.54	p11
12	5	0.86	5	0	17	1.25	1.25	153.57	6.94	17.00	59.15	1005.54	851.97	p11
12	5	0.87	5	0	17	1.25	1.25	157.69	6.94	17.00	59.15	1005.54	847.85	p11
12	5	0.88	5	0	17	1.25	1.25	162.50	6.94	17.00	59.15	1005.54	843.04	p11
12	5	0.89	5	0	17	1.25	1.25	168.18	6.94	17.00	59.15	1005.54	837.36	p11
12	5	0.9	5	0	17	1.25	1.25	175.00	6.94	17.00	59.15	1005.54	830.54	p11
12	5	0.91	5	0	17	1.25	1.25	183.33	6.94	17.00	59.15	1005.54	822.21	p11
12	5	0.92	5	0	16	1.80	0.80	166.00	6.21	16.00	61.17	978.77	812.77	p11
12	5	0.93	5	0	16	1.80	0.80	174.57	6.21	16.00	61.17	978.77	804.20	p11
12	5	0.94	5	0	15	2.45	0.45	157.00	5.50	15.00	63.33	949.91	792.91	p11
12	5	0.95	5	0	15	2.45	0.45	166.00	5.50	15.00	63.33	949.91	783.91	p11
12	5	0.96	5	1	15	3.20	0.20	178.00	5.50	15.00	63.33	949.91	771.91	p11
12	5	0.97	5	1	15	3.20	0.20	188.00	5.50	15.00	63.33	949.91	761.91	p11
12	5	0.98	5	2	15	4.05	0.05	199.00	5.50	15.00	63.33	949.91	750.91	p11
12	5	0.99	5	2	15	4.05	0.05	214.00	5.50	15.00	63.33	949.91	735.91	p11
12	10	0.85	10	0	22	1.25	1.25	250.00	10.88	22.00	50.54	1111.94	861.94	p11
12	10	0.86	10	0	22	1.25	1.25	253.57	10.88	22.00	50.54	1111.94	858.37	p11
12	10	0.87	10	0	22	1.25	1.25	257.69	10.88	22.00	50.54	1111.94	854.25	p11
12	10	0.88	10	0	22	1.25	1.25	262.50	10.88	22.00	50.54	1111.94	849.44	p11
12	10	0.89	10	0	21	1.80	0.80	249.64	10.06	21.00	52.10	1094.01	844.37	p11
12	10	0.9	10	0	21	1.80	0.80	254.00	10.06	21.00	52.10	1094.01	840.01	p11
12	10	0.91	10	0	21	1.80	0.80	259.33	10.06	21.00	52.10	1094.01	834.68	p11
12	10	0.92	10	0	20	2.45	0.45	245.75	9.26	20.00	53.72	1074.49	828.74	p11
12	10	0.93	10	0	20	2.45	0.45	250.57	9.26	20.00	53.72	1074.49	823.92	p11
12	10	0.94	10	0	20	2.45	0.45	257.00	9.26	20.00	53.72	1074.49	817.49	p11
12	10	0.95	10	0	19	3.20	0.20	242.00	8.47	19.00	55.44	1053.29	811.30	p11
12	10	0.96	10	0	19	3.20	0.20	248.00	8.47	19.00	55.44	1053.29	805.30	p11
12	10	0.97	10	0	18	4.05	0.05	234.00	7.70	18.00	57.24	1030.34	796.35	p11
12	10	0.98	10	0	18	4.05	0.05	239.00	7.70	18.00	57.24	1030.34	791.35	p11
12	10	0.99	10	0	17	5.00	0.00	230.00	6.94	17.00	59.15	1005.54	775.54	p11
12	15	0.85	15	0	26	1.80	0.80	338.00	14.31	26.00	44.97	1169.13	831.13	p11
12	15	0.86	15	0	26	1.80	0.80	340.29	14.31	26.00	44.97	1169.13	828.84	p11
12	15	0.87	15	0	26	1.80	0.80	342.92	14.31	26.00	44.97	1169.13	826.20	p11
12	15	0.88	15	0	26	1.80	0.80	346.00	14.31	26.00	44.97	1169.13	823.13	p11
12	15	0.89	15	0	25	2.45	0.45	336.55	13.43	25.00	46.28	1156.89	820.35	p11
12	15	0.9	15	0	25	2.45	0.45	339.00	13.43	25.00	46.28	1156.89	817.89	p11
12	15	0.91	15	0	25	2.45	0.45	342.00	13.43	25.00	46.28	1156.89	814.89	p11
12	15	0.92	15	0	25	2.45	0.45	345.75	13.43	25.00	46.28	1156.89	811.14	p11
12	15	0.93	15	0	24	3.20	0.20	335.14	12.57	24.00	47.64	1143.32	808.18	p11
12	15	0.94	15	0	24	3.20	0.20	338.00	12.57	24.00	47.64	1143.32	805.32	p11
12	15	0.95	15	0	24	3.20	0.20	342.00	12.57	24.00	47.64	1143.32	801.32	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
12	15	0.96	15	0	23	4.05	0.05	331.50	11.72	23.00	49.06	1128.36	796.86	p11
12	15	0.97	15	0	23	4.05	0.05	334.00	11.72	23.00	49.06	1128.36	794.36	p11
12	15	0.98	15	0	23	4.05	0.05	339.00	11.72	23.00	49.06	1128.36	789.36	p11
12	15	0.99	15	0	22	5.00	0.00	330.00	10.88	22.00	50.54	1111.94	781.94	p11
12	20	0.85	20	0	30	2.45	0.45	430.00	17.94	30.00	40.19	1205.69	775.69	p11
12	20	0.86	20	0	30	2.45	0.45	431.29	17.94	30.00	40.19	1205.69	774.40	p11
12	20	0.87	20	0	30	2.45	0.45	432.77	17.94	30.00	40.19	1205.69	772.92	p11
12	20	0.88	20	0	30	2.45	0.45	434.50	17.94	30.00	40.19	1205.69	771.19	p11
12	20	0.89	20	0	29	3.20	0.20	428.91	17.02	29.00	41.32	1198.32	769.41	p11
12	20	0.9	20	0	29	3.20	0.20	430.00	17.02	29.00	41.32	1198.32	768.32	p11
12	20	0.91	20	0	29	3.20	0.20	431.33	17.02	29.00	41.32	1198.32	766.98	p11
12	20	0.92	20	0	29	3.20	0.20	433.00	17.02	29.00	41.32	1198.32	765.32	p11
12	20	0.93	20	0	29	3.20	0.20	435.14	17.02	29.00	41.32	1198.32	763.17	p11
12	20	0.94	20	0	28	4.05	0.05	429.00	16.10	28.00	42.49	1189.79	760.79	p11
12	20	0.95	20	0	28	4.05	0.05	430.00	16.10	28.00	42.49	1189.79	759.79	p11
12	20	0.96	20	0	28	4.05	0.05	431.50	16.10	28.00	42.49	1189.79	758.29	p11
12	20	0.97	20	0	28	4.05	0.05	434.00	16.10	28.00	42.49	1189.79	755.79	p11
12	20	0.98	20	0	27	5.00	0.00	430.00	15.20	27.00	43.71	1180.08	750.08	p11
12	20	0.99	20	0	27	5.00	0.00	430.00	15.20	27.00	43.71	1180.08	750.08	p11
12	25	0.85	25	0	34	3.20	0.20	526.00	21.76	34.00	36.01	1224.39	698.39	p11
12	25	0.86	25	0	34	3.20	0.20	526.57	21.76	34.00	36.01	1224.39	697.82	p11
12	25	0.87	25	0	34	3.20	0.20	527.23	21.76	34.00	36.01	1224.39	697.16	p11
12	25	0.88	25	0	34	3.20	0.20	528.00	21.76	34.00	36.01	1224.39	696.39	p11
12	25	0.89	25	0	34	3.20	0.20	528.91	21.76	34.00	36.01	1224.39	695.48	p11
12	25	0.9	25	0	33	4.05	0.05	527.00	20.79	33.00	37.01	1221.27	694.27	p11
12	25	0.91	25	0	33	4.05	0.05	527.33	20.79	33.00	37.01	1221.27	693.93	p11
12	25	0.92	25	0	33	4.05	0.05	527.75	20.79	33.00	37.01	1221.27	693.52	p11
12	25	0.93	25	0	33	4.05	0.05	528.29	20.79	33.00	37.01	1221.27	692.98	p11
12	25	0.94	25	0	33	4.05	0.05	529.00	20.79	33.00	37.01	1221.27	692.27	p11
12	25	0.95	25	0	33	4.05	0.05	530.00	20.79	33.00	37.01	1221.27	691.27	p11
12	25	0.96	25	0	33	4.05	0.05	531.50	20.79	33.00	37.01	1221.27	689.77	p11
12	25	0.97	25	0	32	5.00	0.00	530.00	19.83	32.00	38.04	1217.13	687.13	p11
12	25	0.98	25	0	32	5.00	0.00	530.00	19.83	32.00	38.04	1217.13	687.13	p11
12	25	0.99	25	0	32	5.00	0.00	530.00	19.83	32.00	38.04	1217.13	687.13	p11
12	30	0.85	30	0	38	4.05	0.05	626.00	25.73	38.00	32.30	1227.35	601.35	p11
12	30	0.86	30	0	38	4.05	0.05	626.14	25.73	38.00	32.30	1227.35	601.21	p11
12	30	0.87	30	0	38	4.05	0.05	626.31	25.73	38.00	32.30	1227.35	601.05	p11
12	30	0.88	30	0	38	4.05	0.05	626.50	25.73	38.00	32.30	1227.35	600.85	p11
12	30	0.89	30	0	38	4.05	0.05	626.73	25.73	38.00	32.30	1227.35	600.63	p11
12	30	0.9	30	0	38	4.05	0.05	627.00	25.73	38.00	32.30	1227.35	600.35	p11
12	30	0.91	30	0	38	4.05	0.05	627.33	25.73	38.00	32.30	1227.35	600.02	p11
12	30	0.92	30	0	38	4.05	0.05	627.75	25.73	38.00	32.30	1227.35	599.60	p11
12	30	0.93	30	0	38	4.05	0.05	628.29	25.73	38.00	32.30	1227.35	599.07	p11
12	30	0.94	30	0	37	5.00	0.00	630.00	24.72	37.00	33.19	1227.99	597.99	p11
12	30	0.95	30	0	37	5.00	0.00	630.00	24.72	37.00	33.19	1227.99	597.99	p11
12	30	0.96	30	0	37	5.00	0.00	630.00	24.72	37.00	33.19	1227.99	597.99	p11
12	30	0.97	30	0	37	5.00	0.00	630.00	24.72	37.00	33.19	1227.99	597.99	p11
12	30	0.98	30	0	37	5.00	0.00	630.00	24.72	37.00	33.19	1227.99	597.99	p11
12	30	0.99	30	0	37	5.00	0.00	630.00	24.72	37.00	33.19	1227.99	597.99	p11
12	35	0.85	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.86	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.87	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.88	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.89	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.9	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.91	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.92	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.93	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.94	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.95	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
12	35	0.96	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.97	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.98	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	35	0.99	35	0	42	5.00	0.00	730.00	29.84	42.00	28.96	1216.23	486.23	p11
12	40	0.85	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.86	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.87	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.88	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.89	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.9	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.91	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.92	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.93	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.94	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.95	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.96	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.97	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.98	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	40	0.99	39	0	45	7.20	0.00	823.20	33.01	44.00	26.65	1172.81	349.61	p11
12	45	0.85	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	45	0.86	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	45	0.87	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	45	0.88	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	45	0.89	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	45	0.9	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	45	0.91	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	45	0.92	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	45	0.93	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	45	0.94	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	45	0.95	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12
12	45	0.96	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12
12	45	0.97	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	45	0.98	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	45	0.99	20	0	27	23.76	0.00	542.58	15.20	15.20	43.71	664.31	121.72	p12
12	50	0.85	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	50	0.86	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	50	0.87	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	50	0.88	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	50	0.89	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	50	0.9	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	50	0.91	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	50	0.92	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	50	0.93	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	50	0.94	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	50	0.95	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12
12	50	0.96	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12
12	50	0.97	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	50	0.98	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	50	0.99	20	0	27	23.76	0.00	542.58	15.20	15.20	43.71	664.31	121.72	p12
12	55	0.85	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	55	0.86	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	55	0.87	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	55	0.88	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	55	0.89	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	55	0.9	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	55	0.91	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	55	0.92	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	55	0.93	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	55	0.94	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	55	0.95	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
12	55	0.96	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12
12	55	0.97	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	55	0.98	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	55	0.99	20	0	27	23.76	0.00	542.58	15.20	15.20	43.71	664.31	121.72	p12
12	60	0.85	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	60	0.86	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	60	0.87	14	0	27	12.48	0.00	354.90	15.20	15.20	43.71	664.31	309.41	p12
12	60	0.88	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	60	0.89	15	0	27	14.11	0.00	384.68	15.20	15.20	43.71	664.31	279.63	p12
12	60	0.9	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	60	0.91	16	0	27	15.84	0.00	415.06	15.20	15.20	43.71	664.31	249.25	p12
12	60	0.92	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	60	0.93	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	60	0.94	17	0	27	17.67	0.00	446.04	15.20	15.20	43.71	664.31	218.27	p12
12	60	0.95	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12
12	60	0.96	18	0	27	19.60	0.00	477.62	15.20	15.20	43.71	664.31	186.69	p12
12	60	0.97	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	60	0.98	19	0	27	21.63	0.00	509.80	15.20	15.20	43.71	664.31	154.50	p12
12	60	0.99	20	0	27	23.76	0.00	542.58	15.20	15.20	43.71	664.31	121.72	p12
13	0	0.85	0	2	15	1.25	1.25	110.00	5.50	15.00	63.33	949.91	839.91	p11
13	0	0.86	0	2	15	1.25	1.25	113.57	5.50	15.00	63.33	949.91	836.34	p11
13	0	0.87	0	2	15	1.25	1.25	117.69	5.50	15.00	63.33	949.91	832.22	p11
13	0	0.88	0	2	15	1.25	1.25	122.50	5.50	15.00	63.33	949.91	827.41	p11
13	0	0.89	0	2	15	1.25	1.25	128.18	5.50	15.00	63.33	949.91	821.73	p11
13	0	0.9	0	2	15	1.25	1.25	135.00	5.50	15.00	63.33	949.91	814.91	p11
13	0	0.91	0	2	15	1.25	1.25	143.33	5.50	15.00	63.33	949.91	806.58	p11
13	0	0.92	0	2	15	1.25	1.25	153.75	5.50	15.00	63.33	949.91	796.16	p11
13	0	0.93	0	3	15	1.80	0.80	164.57	5.50	15.00	63.33	949.91	785.34	p11
13	0	0.94	0	3	15	1.80	0.80	176.00	5.50	15.00	63.33	949.91	773.91	p11
13	0	0.95	0	4	15	2.45	0.45	186.00	5.50	15.00	63.33	949.91	763.91	p11
13	0	0.96	0	5	15	3.20	0.20	198.00	5.50	15.00	63.33	949.91	751.91	p11
13	0	0.97	0	5	15	3.20	0.20	208.00	5.50	15.00	63.33	949.91	741.91	p11
13	0	0.98	0	6	15	4.05	0.05	219.00	5.50	15.00	63.33	949.91	730.91	p11
13	0	0.99	0	6	15	4.05	0.05	234.00	5.50	15.00	63.33	949.91	715.91	p11
13	5	0.85	5	0	18	1.25	1.25	150.00	7.70	18.00	57.24	1030.34	880.35	p11
13	5	0.86	5	0	18	1.25	1.25	153.57	7.70	18.00	57.24	1030.34	876.77	p11
13	5	0.87	5	0	18	1.25	1.25	157.69	7.70	18.00	57.24	1030.34	872.65	p11
13	5	0.88	5	0	18	1.25	1.25	162.50	7.70	18.00	57.24	1030.34	867.85	p11
13	5	0.89	5	0	18	1.25	1.25	168.18	7.70	18.00	57.24	1030.34	862.16	p11
13	5	0.9	5	0	18	1.25	1.25	175.00	7.70	18.00	57.24	1030.34	855.35	p11
13	5	0.91	5	0	18	1.25	1.25	183.33	7.70	18.00	57.24	1030.34	847.01	p11
13	5	0.92	5	0	17	1.80	0.80	166.00	6.94	17.00	59.15	1005.54	839.54	p11
13	5	0.93	5	0	17	1.80	0.80	174.57	6.94	17.00	59.15	1005.54	830.97	p11
13	5	0.94	5	0	16	2.45	0.45	157.00	6.21	16.00	61.17	978.77	821.77	p11
13	5	0.95	5	0	16	2.45	0.45	166.00	6.21	16.00	61.17	978.77	812.77	p11
13	5	0.96	5	0	15	3.20	0.20	148.00	5.50	15.00	63.33	949.91	801.91	p11
13	5	0.97	5	0	15	3.20	0.20	158.00	5.50	15.00	63.33	949.91	791.91	p11
13	5	0.98	5	1	15	4.05	0.05	169.00	5.50	15.00	63.33	949.91	780.91	p11
13	5	0.99	5	1	15	4.05	0.05	184.00	5.50	15.00	63.33	949.91	765.91	p11
13	10	0.85	10	0	23	1.25	1.25	250.00	11.72	23.00	49.06	1128.36	878.36	p11
13	10	0.86	10	0	23	1.25	1.25	253.57	11.72	23.00	49.06	1128.36	874.79	p11
13	10	0.87	10	0	23	1.25	1.25	257.69	11.72	23.00	49.06	1128.36	870.66	p11
13	10	0.88	10	0	22	1.80	0.80	246.00	10.88	22.00	50.54	1111.94	865.94	p11
13	10	0.89	10	0	22	1.80	0.80	249.64	10.88	22.00	50.54	1111.94	862.31	p11
13	10	0.9	10	0	22	1.80	0.80	254.00	10.88	22.00	50.54	1111.94	857.94	p11
13	10	0.91	10	0	22	1.80	0.80	259.33	10.88	22.00	50.54	1111.94	852.61	p11
13	10	0.92	10	0	21	2.45	0.45	245.75	10.06	21.00	52.10	1094.01	848.26	p11
13	10	0.93	10	0	21	2.45	0.45	250.57	10.06	21.00	52.10	1094.01	843.44	p11
13	10	0.94	10	0	21	2.45	0.45	257.00	10.06	21.00	52.10	1094.01	837.01	p11
13	10	0.95	10	0	20	3.20	0.20	242.00	9.26	20.00	53.72	1074.49	832.49	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
13	10	0.96	10	0	20	3.20	0.20	248.00	9.26	20.00	53.72	1074.49	826.49	p11
13	10	0.97	10	0	19	4.05	0.05	234.00	8.47	19.00	55.44	1053.29	819.30	p11
13	10	0.98	10	0	19	4.05	0.05	239.00	8.47	19.00	55.44	1053.29	814.30	p11
13	10	0.99	10	0	18	5.00	0.00	230.00	7.70	18.00	57.24	1030.34	800.35	p11
13	15	0.85	15	0	27	1.80	0.80	338.00	15.20	27.00	43.71	1180.08	842.08	p11
13	15	0.86	15	0	27	1.80	0.80	340.29	15.20	27.00	43.71	1180.08	839.79	p11
13	15	0.87	15	0	27	1.80	0.80	342.92	15.20	27.00	43.71	1180.08	837.16	p11
13	15	0.88	15	0	26	2.45	0.45	334.50	14.31	26.00	44.97	1169.13	834.63	p11
13	15	0.89	15	0	26	2.45	0.45	336.55	14.31	26.00	44.97	1169.13	832.58	p11
13	15	0.9	15	0	26	2.45	0.45	339.00	14.31	26.00	44.97	1169.13	830.13	p11
13	15	0.91	15	0	26	2.45	0.45	342.00	14.31	26.00	44.97	1169.13	827.13	p11
13	15	0.92	15	0	25	3.20	0.20	333.00	13.43	25.00	46.28	1156.89	823.89	p11
13	15	0.93	15	0	25	3.20	0.20	335.14	13.43	25.00	46.28	1156.89	821.75	p11
13	15	0.94	15	0	25	3.20	0.20	338.00	13.43	25.00	46.28	1156.89	818.89	p11
13	15	0.95	15	0	25	3.20	0.20	342.00	13.43	25.00	46.28	1156.89	814.89	p11
13	15	0.96	15	0	24	4.05	0.05	331.50	12.57	24.00	47.64	1143.32	811.82	p11
13	15	0.97	15	0	24	4.05	0.05	334.00	12.57	24.00	47.64	1143.32	809.32	p11
13	15	0.98	15	0	24	4.05	0.05	339.00	12.57	24.00	47.64	1143.32	804.32	p11
13	15	0.99	15	0	23	5.00	0.00	330.00	11.72	23.00	49.06	1128.36	798.36	p11
13	20	0.85	20	0	31	2.45	0.45	430.00	18.88	31.00	39.10	1211.95	781.95	p11
13	20	0.86	20	0	31	2.45	0.45	431.29	18.88	31.00	39.10	1211.95	780.66	p11
13	20	0.87	20	0	31	2.45	0.45	432.77	18.88	31.00	39.10	1211.95	779.18	p11
13	20	0.88	20	0	30	3.20	0.20	428.00	17.94	30.00	40.19	1205.69	777.69	p11
13	20	0.89	20	0	30	3.20	0.20	428.91	17.94	30.00	40.19	1205.69	776.78	p11
13	20	0.9	20	0	30	3.20	0.20	430.00	17.94	30.00	40.19	1205.69	775.69	p11
13	20	0.91	20	0	30	3.20	0.20	431.33	17.94	30.00	40.19	1205.69	774.36	p11
13	20	0.92	20	0	30	3.20	0.20	433.00	17.94	30.00	40.19	1205.69	772.69	p11
13	20	0.93	20	0	29	4.05	0.05	428.29	17.02	29.00	41.32	1198.32	770.03	p11
13	20	0.94	20	0	29	4.05	0.05	429.00	17.02	29.00	41.32	1198.32	769.32	p11
13	20	0.95	20	0	29	4.05	0.05	430.00	17.02	29.00	41.32	1198.32	768.32	p11
13	20	0.96	20	0	29	4.05	0.05	431.50	17.02	29.00	41.32	1198.32	766.82	p11
13	20	0.97	20	0	29	4.05	0.05	434.00	17.02	29.00	41.32	1198.32	764.32	p11
13	20	0.98	20	0	28	5.00	0.00	430.00	16.10	28.00	42.49	1189.79	759.79	p11
13	20	0.99	20	0	28	5.00	0.00	430.00	16.10	28.00	42.49	1189.79	759.79	p11
13	25	0.85	25	0	35	3.20	0.20	526.00	22.73	35.00	35.04	1226.54	700.54	p11
13	25	0.86	25	0	35	3.20	0.20	526.57	22.73	35.00	35.04	1226.54	699.97	p11
13	25	0.87	25	0	35	3.20	0.20	527.23	22.73	35.00	35.04	1226.54	699.31	p11
13	25	0.88	25	0	35	3.20	0.20	528.00	22.73	35.00	35.04	1226.54	698.54	p11
13	25	0.89	25	0	34	4.05	0.05	526.73	21.76	34.00	36.01	1224.39	697.67	p11
13	25	0.9	25	0	34	4.05	0.05	527.00	21.76	34.00	36.01	1224.39	697.39	p11
13	25	0.91	25	0	34	4.05	0.05	527.33	21.76	34.00	36.01	1224.39	697.06	p11
13	25	0.92	25	0	34	4.05	0.05	527.75	21.76	34.00	36.01	1224.39	696.64	p11
13	25	0.93	25	0	34	4.05	0.05	528.29	21.76	34.00	36.01	1224.39	696.11	p11
13	25	0.94	25	0	34	4.05	0.05	529.00	21.76	34.00	36.01	1224.39	695.39	p11
13	25	0.95	25	0	34	4.05	0.05	530.00	21.76	34.00	36.01	1224.39	694.39	p11
13	25	0.96	25	0	34	4.05	0.05	531.50	21.76	34.00	36.01	1224.39	692.89	p11
13	25	0.97	25	0	33	5.00	0.00	530.00	20.79	33.00	37.01	1221.27	691.27	p11
13	25	0.98	25	0	33	5.00	0.00	530.00	20.79	33.00	37.01	1221.27	691.27	p11
13	25	0.99	25	0	33	5.00	0.00	530.00	20.79	33.00	37.01	1221.27	691.27	p11
13	30	0.85	30	0	39	4.05	0.05	626.00	26.74	39.00	31.43	1225.83	599.84	p11
13	30	0.86	30	0	39	4.05	0.05	626.14	26.74	39.00	31.43	1225.83	599.69	p11
13	30	0.87	30	0	39	4.05	0.05	626.31	26.74	39.00	31.43	1225.83	599.53	p11
13	30	0.88	30	0	39	4.05	0.05	626.50	26.74	39.00	31.43	1225.83	599.34	p11
13	30	0.89	30	0	39	4.05	0.05	626.73	26.74	39.00	31.43	1225.83	599.11	p11
13	30	0.9	30	0	39	4.05	0.05	627.00	26.74	39.00	31.43	1225.83	598.84	p11
13	30	0.91	30	0	39	4.05	0.05	627.33	26.74	39.00	31.43	1225.83	598.50	p11
13	30	0.92	30	0	39	4.05	0.05	627.75	26.74	39.00	31.43	1225.83	598.09	p11
13	30	0.93	30	0	38	5.00	0.00	630.00	25.73	38.00	32.30	1227.35	597.35	p11
13	30	0.94	30	0	38	5.00	0.00	630.00	25.73	38.00	32.30	1227.35	597.35	p11
13	30	0.95	30	0	38	5.00	0.00	630.00	25.73	38.00	32.30	1227.35	597.35	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
13	30	0.96	30	0	38	5.00	0.00	630.00	25.73	38.00	32.30	1227.35	597.35	p11
13	30	0.97	30	0	38	5.00	0.00	630.00	25.73	38.00	32.30	1227.35	597.35	p11
13	30	0.98	30	0	38	5.00	0.00	630.00	25.73	38.00	32.30	1227.35	597.35	p11
13	30	0.99	30	0	38	5.00	0.00	630.00	25.73	38.00	32.30	1227.35	597.35	p11
13	35	0.85	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.86	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.87	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.88	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.89	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.9	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.91	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.92	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.93	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.94	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.95	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.96	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.97	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.98	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	35	0.99	35	0	43	5.00	0.00	730.00	30.89	43.00	28.17	1211.41	481.41	p11
13	40	0.85	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.86	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.87	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.88	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.89	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.9	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.91	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.92	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.93	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.94	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.95	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.96	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.97	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.98	38	0	46	7.20	0.00	803.20	34.08	44.00	25.92	1140.53	337.33	p11
13	40	0.99	39	0	46	7.20	0.00	823.20	34.08	45.00	25.92	1166.45	343.25	p11
13	45	0.85	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	45	0.86	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	45	0.87	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	45	0.88	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	45	0.89	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	45	0.9	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	45	0.91	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	45	0.92	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	45	0.93	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	45	0.94	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	45	0.95	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12
13	45	0.96	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12
13	45	0.97	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	45	0.98	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	45	0.99	19	0	27	23.76	0.00	522.58	15.20	15.20	43.71	664.31	141.72	p12
13	50	0.85	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	50	0.86	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	50	0.87	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	50	0.88	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	50	0.89	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	50	0.9	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	50	0.91	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	50	0.92	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	50	0.93	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	50	0.94	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	50	0.95	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
13	50	0.96	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12
13	50	0.97	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	50	0.98	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	50	0.99	19	0	27	23.76	0.00	522.58	15.20	15.20	43.71	664.31	141.72	p12
13	55	0.85	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	55	0.86	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	55	0.87	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	55	0.88	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	55	0.89	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	55	0.9	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	55	0.91	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	55	0.92	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	55	0.93	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	55	0.94	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	55	0.95	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12
13	55	0.96	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12
13	55	0.97	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	55	0.98	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	55	0.99	19	0	27	23.76	0.00	522.58	15.20	15.20	43.71	664.31	141.72	p12
13	60	0.85	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	60	0.86	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	60	0.87	13	0	27	12.48	0.00	334.90	15.20	15.20	43.71	664.31	329.41	p12
13	60	0.88	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	60	0.89	14	0	27	14.11	0.00	364.68	15.20	15.20	43.71	664.31	299.63	p12
13	60	0.9	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	60	0.91	15	0	27	15.84	0.00	395.06	15.20	15.20	43.71	664.31	269.25	p12
13	60	0.92	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	60	0.93	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	60	0.94	16	0	27	17.67	0.00	426.04	15.20	15.20	43.71	664.31	238.27	p12
13	60	0.95	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12
13	60	0.96	17	0	27	19.60	0.00	457.62	15.20	15.20	43.71	664.31	206.69	p12
13	60	0.97	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	60	0.98	18	0	27	21.63	0.00	489.80	15.20	15.20	43.71	664.31	174.50	p12
13	60	0.99	19	0	27	23.76	0.00	522.58	15.20	15.20	43.71	664.31	141.72	p12
14	0	0.85	0	1	15	1.25	1.25	80.00	5.50	15.00	63.33	949.91	869.91	p11
14	0	0.86	0	1	15	1.25	1.25	83.57	5.50	15.00	63.33	949.91	866.34	p11
14	0	0.87	0	1	15	1.25	1.25	87.69	5.50	15.00	63.33	949.91	862.22	p11
14	0	0.88	0	1	15	1.25	1.25	92.50	5.50	15.00	63.33	949.91	857.41	p11
14	0	0.89	0	1	15	1.25	1.25	98.18	5.50	15.00	63.33	949.91	851.73	p11
14	0	0.9	0	1	15	1.25	1.25	105.00	5.50	15.00	63.33	949.91	844.91	p11
14	0	0.91	0	1	15	1.25	1.25	113.33	5.50	15.00	63.33	949.91	836.58	p11
14	0	0.92	0	1	15	1.25	1.25	123.75	5.50	15.00	63.33	949.91	826.16	p11
14	0	0.93	0	2	15	1.80	0.80	134.57	5.50	15.00	63.33	949.91	815.34	p11
14	0	0.94	0	2	15	1.80	0.80	146.00	5.50	15.00	63.33	949.91	803.91	p11
14	0	0.95	0	3	15	2.45	0.45	156.00	5.50	15.00	63.33	949.91	793.91	p11
14	0	0.96	0	4	15	3.20	0.20	168.00	5.50	15.00	63.33	949.91	781.91	p11
14	0	0.97	0	4	15	3.20	0.20	178.00	5.50	15.00	63.33	949.91	771.91	p11
14	0	0.98	0	5	15	4.05	0.05	189.00	5.50	15.00	63.33	949.91	760.91	p11
14	0	0.99	0	5	15	4.05	0.05	204.00	5.50	15.00	63.33	949.91	745.91	p11
14	5	0.85	5	0	19	1.25	1.25	150.00	8.47	19.00	55.44	1053.29	903.30	p11
14	5	0.86	5	0	19	1.25	1.25	153.57	8.47	19.00	55.44	1053.29	899.72	p11
14	5	0.87	5	0	19	1.25	1.25	157.69	8.47	19.00	55.44	1053.29	895.60	p11
14	5	0.88	5	0	19	1.25	1.25	162.50	8.47	19.00	55.44	1053.29	890.80	p11
14	5	0.89	5	0	19	1.25	1.25	168.18	8.47	19.00	55.44	1053.29	885.11	p11
14	5	0.9	5	0	19	1.25	1.25	175.00	8.47	19.00	55.44	1053.29	878.30	p11
14	5	0.91	5	0	18	1.80	0.80	159.33	7.70	18.00	57.24	1030.34	871.01	p11
14	5	0.92	5	0	18	1.80	0.80	166.00	7.70	18.00	57.24	1030.34	864.35	p11
14	5	0.93	5	0	18	1.80	0.80	174.57	7.70	18.00	57.24	1030.34	855.77	p11
14	5	0.94	5	0	17	2.45	0.45	157.00	6.94	17.00	59.15	1005.54	848.54	p11
14	5	0.95	5	0	17	2.45	0.45	166.00	6.94	17.00	59.15	1005.54	839.54	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
14	5	0.96	5	0	16	3.20	0.20	148.00	6.21	16.00	61.17	978.77	830.77	p11
14	5	0.97	5	0	16	3.20	0.20	158.00	6.21	16.00	61.17	978.77	820.77	p11
14	5	0.98	5	0	15	4.05	0.05	139.00	5.50	15.00	63.33	949.91	810.91	p11
14	5	0.99	5	0	15	4.05	0.05	154.00	5.50	15.00	63.33	949.91	795.91	p11
14	10	0.85	10	0	24	1.25	1.25	250.00	12.57	24.00	47.64	1143.32	893.32	p11
14	10	0.86	10	0	24	1.25	1.25	253.57	12.57	24.00	47.64	1143.32	889.75	p11
14	10	0.87	10	0	23	1.80	0.80	242.92	11.72	23.00	49.06	1128.36	885.43	p11
14	10	0.88	10	0	23	1.80	0.80	246.00	11.72	23.00	49.06	1128.36	882.36	p11
14	10	0.89	10	0	23	1.80	0.80	249.64	11.72	23.00	49.06	1128.36	878.72	p11
14	10	0.9	10	0	23	1.80	0.80	254.00	11.72	23.00	49.06	1128.36	874.36	p11
14	10	0.91	10	0	22	2.45	0.45	242.00	10.88	22.00	50.54	1111.94	869.94	p11
14	10	0.92	10	0	22	2.45	0.45	245.75	10.88	22.00	50.54	1111.94	866.19	p11
14	10	0.93	10	0	22	2.45	0.45	250.57	10.88	22.00	50.54	1111.94	861.37	p11
14	10	0.94	10	0	21	3.20	0.20	238.00	10.06	21.00	52.10	1094.01	856.01	p11
14	10	0.95	10	0	21	3.20	0.20	242.00	10.06	21.00	52.10	1094.01	852.01	p11
14	10	0.96	10	0	21	3.20	0.20	248.00	10.06	21.00	52.10	1094.01	846.01	p11
14	10	0.97	10	0	20	4.05	0.05	234.00	9.26	20.00	53.72	1074.49	840.49	p11
14	10	0.98	10	0	20	4.05	0.05	239.00	9.26	20.00	53.72	1074.49	835.49	p11
14	10	0.99	10	0	19	5.00	0.00	230.00	8.47	19.00	55.44	1053.29	823.30	p11
14	15	0.85	15	0	28	1.80	0.80	338.00	16.10	28.00	42.49	1189.79	851.79	p11
14	15	0.86	15	0	28	1.80	0.80	340.29	16.10	28.00	42.49	1189.79	849.51	p11
14	15	0.87	15	0	27	2.45	0.45	332.77	15.20	27.00	43.71	1180.08	847.31	p11
14	15	0.88	15	0	27	2.45	0.45	334.50	15.20	27.00	43.71	1180.08	845.58	p11
14	15	0.89	15	0	27	2.45	0.45	336.55	15.20	27.00	43.71	1180.08	843.53	p11
14	15	0.9	15	0	27	2.45	0.45	339.00	15.20	27.00	43.71	1180.08	841.08	p11
14	15	0.91	15	0	26	3.20	0.20	331.33	14.31	26.00	44.97	1169.13	837.79	p11
14	15	0.92	15	0	26	3.20	0.20	333.00	14.31	26.00	44.97	1169.13	836.13	p11
14	15	0.93	15	0	26	3.20	0.20	335.14	14.31	26.00	44.97	1169.13	833.98	p11
14	15	0.94	15	0	26	3.20	0.20	338.00	14.31	26.00	44.97	1169.13	831.13	p11
14	15	0.95	15	0	25	4.05	0.05	330.00	13.43	25.00	46.28	1156.89	826.89	p11
14	15	0.96	15	0	25	4.05	0.05	331.50	13.43	25.00	46.28	1156.89	825.39	p11
14	15	0.97	15	0	25	4.05	0.05	334.00	13.43	25.00	46.28	1156.89	822.89	p11
14	15	0.98	15	0	25	4.05	0.05	339.00	13.43	25.00	46.28	1156.89	817.89	p11
14	15	0.99	15	0	24	5.00	0.00	330.00	12.57	24.00	47.64	1143.32	813.32	p11
14	20	0.85	20	0	32	2.45	0.45	430.00	19.83	32.00	38.04	1217.13	787.13	p11
14	20	0.86	20	0	32	2.45	0.45	431.29	19.83	32.00	38.04	1217.13	785.84	p11
14	20	0.87	20	0	31	3.20	0.20	427.23	18.88	31.00	39.10	1211.95	784.72	p11
14	20	0.88	20	0	31	3.20	0.20	428.00	18.88	31.00	39.10	1211.95	783.95	p11
14	20	0.89	20	0	31	3.20	0.20	428.91	18.88	31.00	39.10	1211.95	783.04	p11
14	20	0.9	20	0	31	3.20	0.20	430.00	18.88	31.00	39.10	1211.95	781.95	p11
14	20	0.91	20	0	31	3.20	0.20	431.33	18.88	31.00	39.10	1211.95	780.61	p11
14	20	0.92	20	0	31	3.20	0.20	433.00	18.88	31.00	39.10	1211.95	778.95	p11
14	20	0.93	20	0	30	4.05	0.05	428.29	17.94	30.00	40.19	1205.69	777.40	p11
14	20	0.94	20	0	30	4.05	0.05	429.00	17.94	30.00	40.19	1205.69	776.69	p11
14	20	0.95	20	0	30	4.05	0.05	430.00	17.94	30.00	40.19	1205.69	775.69	p11
14	20	0.96	20	0	30	4.05	0.05	431.50	17.94	30.00	40.19	1205.69	774.19	p11
14	20	0.97	20	0	30	4.05	0.05	434.00	17.94	30.00	40.19	1205.69	771.69	p11
14	20	0.98	20	0	29	5.00	0.00	430.00	17.02	29.00	41.32	1198.32	768.32	p11
14	20	0.99	20	0	29	5.00	0.00	430.00	17.02	29.00	41.32	1198.32	768.32	p11
14	25	0.85	25	0	36	3.20	0.20	526.00	23.72	36.00	34.10	1227.73	701.73	p11
14	25	0.86	25	0	36	3.20	0.20	526.57	23.72	36.00	34.10	1227.73	701.16	p11
14	25	0.87	25	0	35	4.05	0.05	526.31	22.73	35.00	35.04	1226.54	700.23	p11
14	25	0.88	25	0	35	4.05	0.05	526.50	22.73	35.00	35.04	1226.54	700.04	p11
14	25	0.89	25	0	35	4.05	0.05	526.73	22.73	35.00	35.04	1226.54	699.81	p11
14	25	0.9	25	0	35	4.05	0.05	527.00	22.73	35.00	35.04	1226.54	699.54	p11
14	25	0.91	25	0	35	4.05	0.05	527.33	22.73	35.00	35.04	1226.54	699.20	p11
14	25	0.92	25	0	35	4.05	0.05	527.75	22.73	35.00	35.04	1226.54	698.79	p11
14	25	0.93	25	0	35	4.05	0.05	528.29	22.73	35.00	35.04	1226.54	698.25	p11
14	25	0.94	25	0	35	4.05	0.05	529.00	22.73	35.00	35.04	1226.54	697.54	p11
14	25	0.95	25	0	35	4.05	0.05	530.00	22.73	35.00	35.04	1226.54	696.54	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
14	25	0.96	25	0	34	5.00	0.00	530.00	21.76	34.00	36.01	1224.39	694.39	p11
14	25	0.97	25	0	34	5.00	0.00	530.00	21.76	34.00	36.01	1224.39	694.39	p11
14	25	0.98	25	0	34	5.00	0.00	530.00	21.76	34.00	36.01	1224.39	694.39	p11
14	25	0.99	25	0	34	5.00	0.00	530.00	21.76	34.00	36.01	1224.39	694.39	p11
14	30	0.85	30	0	40	4.05	0.05	626.00	27.77	40.00	30.59	1223.46	597.46	p11
14	30	0.86	30	0	40	4.05	0.05	626.14	27.77	40.00	30.59	1223.46	597.32	p11
14	30	0.87	30	0	40	4.05	0.05	626.31	27.77	40.00	30.59	1223.46	597.15	p11
14	30	0.88	30	0	40	4.05	0.05	626.50	27.77	40.00	30.59	1223.46	596.96	p11
14	30	0.89	30	0	40	4.05	0.05	626.73	27.77	40.00	30.59	1223.46	596.73	p11
14	30	0.9	30	0	40	4.05	0.05	627.00	27.77	40.00	30.59	1223.46	596.46	p11
14	30	0.91	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.92	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.93	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.94	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.95	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.96	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.97	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.98	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	30	0.99	30	0	39	5.00	0.00	630.00	26.74	39.00	31.43	1225.83	595.84	p11
14	35	0.85	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.86	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.87	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.88	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.89	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.9	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.91	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.92	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.93	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.94	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.95	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.96	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.97	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.98	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	35	0.99	35	0	44	5.00	0.00	730.00	31.94	44.00	27.41	1205.82	475.82	p11
14	40	0.85	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	40	0.86	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	40	0.87	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	40	0.88	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.89	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.9	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.91	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.92	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.93	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.94	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.95	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.96	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.97	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.98	37	0	46	8.45	0.00	790.70	34.08	43.00	25.92	1114.61	323.91	p11
14	40	0.99	38	0	46	8.45	0.00	810.70	34.08	44.00	25.92	1140.53	329.83	p11
14	45	0.85	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	45	0.86	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	45	0.87	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	45	0.88	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	45	0.89	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	45	0.9	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	45	0.91	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	45	0.92	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	45	0.93	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	45	0.94	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	45	0.95	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
14	45	0.96	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12
14	45	0.97	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	45	0.98	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	45	0.99	18	0	27	23.76	0.00	502.58	15.20	15.20	43.71	664.31	161.72	p12
14	50	0.85	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	50	0.86	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	50	0.87	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	50	0.88	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	50	0.89	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	50	0.9	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	50	0.91	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	50	0.92	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	50	0.93	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	50	0.94	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	50	0.95	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12
14	50	0.96	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12
14	50	0.97	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	50	0.98	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	50	0.99	18	0	27	23.76	0.00	502.58	15.20	15.20	43.71	664.31	161.72	p12
14	55	0.85	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	55	0.86	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	55	0.87	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	55	0.88	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	55	0.89	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	55	0.9	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	55	0.91	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	55	0.92	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	55	0.93	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	55	0.94	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	55	0.95	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12
14	55	0.96	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12
14	55	0.97	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	55	0.98	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	55	0.99	18	0	27	23.76	0.00	502.58	15.20	15.20	43.71	664.31	161.72	p12
14	60	0.85	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	60	0.86	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	60	0.87	12	0	27	12.48	0.00	314.90	15.20	15.20	43.71	664.31	349.41	p12
14	60	0.88	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	60	0.89	13	0	27	14.11	0.00	344.68	15.20	15.20	43.71	664.31	319.63	p12
14	60	0.9	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	60	0.91	14	0	27	15.84	0.00	375.06	15.20	15.20	43.71	664.31	289.25	p12
14	60	0.92	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	60	0.93	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	60	0.94	15	0	27	17.67	0.00	406.04	15.20	15.20	43.71	664.31	258.27	p12
14	60	0.95	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12
14	60	0.96	16	0	27	19.60	0.00	437.62	15.20	15.20	43.71	664.31	226.69	p12
14	60	0.97	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	60	0.98	17	0	27	21.63	0.00	469.80	15.20	15.20	43.71	664.31	194.50	p12
14	60	0.99	18	0	27	23.76	0.00	502.58	15.20	15.20	43.71	664.31	161.72	p12
15	0	0.85	0	0	15	1.25	1.25	50.00	5.50	15.00	63.33	949.91	899.91	p11
15	0	0.86	0	0	15	1.25	1.25	53.57	5.50	15.00	63.33	949.91	896.34	p11
15	0	0.87	0	0	15	1.25	1.25	57.69	5.50	15.00	63.33	949.91	892.22	p11
15	0	0.88	0	0	15	1.25	1.25	62.50	5.50	15.00	63.33	949.91	887.41	p11
15	0	0.89	0	0	15	1.25	1.25	68.18	5.50	15.00	63.33	949.91	881.73	p11
15	0	0.9	0	0	15	1.25	1.25	75.00	5.50	15.00	63.33	949.91	874.91	p11
15	0	0.91	0	0	15	1.25	1.25	83.33	5.50	15.00	63.33	949.91	866.58	p11
15	0	0.92	0	0	15	1.25	1.25	93.75	5.50	15.00	63.33	949.91	856.16	p11
15	0	0.93	0	1	15	1.80	0.80	104.57	5.50	15.00	63.33	949.91	845.34	p11
15	0	0.94	0	1	15	1.80	0.80	116.00	5.50	15.00	63.33	949.91	833.91	p11
15	0	0.95	0	2	15	2.45	0.45	126.00	5.50	15.00	63.33	949.91	823.91	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
15	0	0.96	0	3	15	3.20	0.20	138.00	5.50	15.00	63.33	949.91	811.91	p11
15	0	0.97	0	3	15	3.20	0.20	148.00	5.50	15.00	63.33	949.91	801.91	p11
15	0	0.98	0	4	15	4.05	0.05	159.00	5.50	15.00	63.33	949.91	790.91	p11
15	0	0.99	0	4	15	4.05	0.05	174.00	5.50	15.00	63.33	949.91	775.91	p11
15	5	0.85	5	0	20	1.25	1.25	150.00	9.26	20.00	53.72	1074.49	924.49	p11
15	5	0.86	5	0	20	1.25	1.25	153.57	9.26	20.00	53.72	1074.49	920.92	p11
15	5	0.87	5	0	20	1.25	1.25	157.69	9.26	20.00	53.72	1074.49	916.80	p11
15	5	0.88	5	0	20	1.25	1.25	162.50	9.26	20.00	53.72	1074.49	911.99	p11
15	5	0.89	5	0	20	1.25	1.25	168.18	9.26	20.00	53.72	1074.49	906.31	p11
15	5	0.9	5	0	19	1.80	0.80	154.00	8.47	19.00	55.44	1053.29	899.30	p11
15	5	0.91	5	0	19	1.80	0.80	159.33	8.47	19.00	55.44	1053.29	893.96	p11
15	5	0.92	5	0	19	1.80	0.80	166.00	8.47	19.00	55.44	1053.29	887.30	p11
15	5	0.93	5	0	18	2.45	0.45	150.57	7.70	18.00	57.24	1030.34	879.77	p11
15	5	0.94	5	0	18	2.45	0.45	157.00	7.70	18.00	57.24	1030.34	873.35	p11
15	5	0.95	5	0	18	2.45	0.45	166.00	7.70	18.00	57.24	1030.34	864.35	p11
15	5	0.96	5	0	17	3.20	0.20	148.00	6.94	17.00	59.15	1005.54	857.54	p11
15	5	0.97	5	0	17	3.20	0.20	158.00	6.94	17.00	59.15	1005.54	847.54	p11
15	5	0.98	5	0	16	4.05	0.05	139.00	6.21	16.00	61.17	978.77	839.77	p11
15	5	0.99	5	0	16	4.05	0.05	154.00	6.21	16.00	61.17	978.77	824.77	p11
15	10	0.85	10	0	25	1.25	1.25	250.00	13.43	25.00	46.28	1156.89	906.89	p11
15	10	0.86	10	0	25	1.25	1.25	253.57	13.43	25.00	46.28	1156.89	903.32	p11
15	10	0.87	10	0	24	1.80	0.80	242.92	12.57	24.00	47.64	1143.32	900.40	p11
15	10	0.88	10	0	24	1.80	0.80	246.00	12.57	24.00	47.64	1143.32	897.32	p11
15	10	0.89	10	0	24	1.80	0.80	249.64	12.57	24.00	47.64	1143.32	893.68	p11
15	10	0.9	10	0	23	2.45	0.45	239.00	11.72	23.00	49.06	1128.36	889.36	p11
15	10	0.91	10	0	23	2.45	0.45	242.00	11.72	23.00	49.06	1128.36	886.36	p11
15	10	0.92	10	0	23	2.45	0.45	245.75	11.72	23.00	49.06	1128.36	882.61	p11
15	10	0.93	10	0	23	2.45	0.45	250.57	11.72	23.00	49.06	1128.36	877.79	p11
15	10	0.94	10	0	22	3.20	0.20	238.00	10.88	22.00	50.54	1111.94	873.94	p11
15	10	0.95	10	0	22	3.20	0.20	242.00	10.88	22.00	50.54	1111.94	869.94	p11
15	10	0.96	10	0	22	3.20	0.20	248.00	10.88	22.00	50.54	1111.94	863.94	p11
15	10	0.97	10	0	21	4.05	0.05	234.00	10.06	21.00	52.10	1094.01	860.01	p11
15	10	0.98	10	0	21	4.05	0.05	239.00	10.06	21.00	52.10	1094.01	855.01	p11
15	10	0.99	10	0	20	5.00	0.00	230.00	9.26	20.00	53.72	1074.49	844.49	p11
15	15	0.85	15	0	29	1.80	0.80	338.00	17.02	29.00	41.32	1198.32	860.32	p11
15	15	0.86	15	0	28	2.45	0.45	331.29	16.10	28.00	42.49	1189.79	858.51	p11
15	15	0.87	15	0	28	2.45	0.45	332.77	16.10	28.00	42.49	1189.79	857.03	p11
15	15	0.88	15	0	28	2.45	0.45	334.50	16.10	28.00	42.49	1189.79	855.29	p11
15	15	0.89	15	0	28	2.45	0.45	336.55	16.10	28.00	42.49	1189.79	853.25	p11
15	15	0.9	15	0	28	2.45	0.45	339.00	16.10	28.00	42.49	1189.79	850.79	p11
15	15	0.91	15	0	27	3.20	0.20	331.33	15.20	27.00	43.71	1180.08	848.75	p11
15	15	0.92	15	0	27	3.20	0.20	333.00	15.20	27.00	43.71	1180.08	847.08	p11
15	15	0.93	15	0	27	3.20	0.20	335.14	15.20	27.00	43.71	1180.08	844.94	p11
15	15	0.94	15	0	27	3.20	0.20	338.00	15.20	27.00	43.71	1180.08	842.08	p11
15	15	0.95	15	0	26	4.05	0.05	330.00	14.31	26.00	44.97	1169.13	839.13	p11
15	15	0.96	15	0	26	4.05	0.05	331.50	14.31	26.00	44.97	1169.13	837.63	p11
15	15	0.97	15	0	26	4.05	0.05	334.00	14.31	26.00	44.97	1169.13	835.13	p11
15	15	0.98	15	0	26	4.05	0.05	339.00	14.31	26.00	44.97	1169.13	830.13	p11
15	15	0.99	15	0	25	5.00	0.00	330.00	13.43	25.00	46.28	1156.89	826.89	p11
15	20	0.85	20	0	32	3.20	0.20	426.00	19.83	32.00	38.04	1217.13	791.13	p11
15	20	0.86	20	0	32	3.20	0.20	426.57	19.83	32.00	38.04	1217.13	790.56	p11
15	20	0.87	20	0	32	3.20	0.20	427.23	19.83	32.00	38.04	1217.13	789.90	p11
15	20	0.88	20	0	32	3.20	0.20	428.00	19.83	32.00	38.04	1217.13	789.13	p11
15	20	0.89	20	0	32	3.20	0.20	428.91	19.83	32.00	38.04	1217.13	788.22	p11
15	20	0.9	20	0	32	3.20	0.20	430.00	19.83	32.00	38.04	1217.13	787.13	p11
15	20	0.91	20	0	32	3.20	0.20	431.33	19.83	32.00	38.04	1217.13	785.80	p11
15	20	0.92	20	0	31	4.05	0.05	427.75	18.88	31.00	39.10	1211.95	784.20	p11
15	20	0.93	20	0	31	4.05	0.05	428.29	18.88	31.00	39.10	1211.95	783.66	p11
15	20	0.94	20	0	31	4.05	0.05	429.00	18.88	31.00	39.10	1211.95	782.95	p11
15	20	0.95	20	0	31	4.05	0.05	430.00	18.88	31.00	39.10	1211.95	781.95	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
15	20	0.96	20	0	31	4.05	0.05	431.50	18.88	31.00	39.10	1211.95	780.45	p11
15	20	0.97	20	0	31	4.05	0.05	434.00	18.88	31.00	39.10	1211.95	777.95	p11
15	20	0.98	20	0	30	5.00	0.00	430.00	17.94	30.00	40.19	1205.69	775.69	p11
15	20	0.99	20	0	30	5.00	0.00	430.00	17.94	30.00	40.19	1205.69	775.69	p11
15	25	0.85	25	0	36	4.05	0.05	526.00	23.72	36.00	34.10	1227.73	701.73	p11
15	25	0.86	25	0	36	4.05	0.05	526.14	23.72	36.00	34.10	1227.73	701.59	p11
15	25	0.87	25	0	36	4.05	0.05	526.31	23.72	36.00	34.10	1227.73	701.42	p11
15	25	0.88	25	0	36	4.05	0.05	526.50	23.72	36.00	34.10	1227.73	701.23	p11
15	25	0.89	25	0	36	4.05	0.05	526.73	23.72	36.00	34.10	1227.73	701.00	p11
15	25	0.9	25	0	36	4.05	0.05	527.00	23.72	36.00	34.10	1227.73	700.73	p11
15	25	0.91	25	0	36	4.05	0.05	527.33	23.72	36.00	34.10	1227.73	700.40	p11
15	25	0.92	25	0	36	4.05	0.05	527.75	23.72	36.00	34.10	1227.73	699.98	p11
15	25	0.93	25	0	36	4.05	0.05	528.29	23.72	36.00	34.10	1227.73	699.44	p11
15	25	0.94	25	0	36	4.05	0.05	529.00	23.72	36.00	34.10	1227.73	698.73	p11
15	25	0.95	25	0	36	4.05	0.05	530.00	23.72	36.00	34.10	1227.73	697.73	p11
15	25	0.96	25	0	35	5.00	0.00	530.00	22.73	35.00	35.04	1226.54	696.54	p11
15	25	0.97	25	0	35	5.00	0.00	530.00	22.73	35.00	35.04	1226.54	696.54	p11
15	25	0.98	25	0	35	5.00	0.00	530.00	22.73	35.00	35.04	1226.54	696.54	p11
15	25	0.99	25	0	35	5.00	0.00	530.00	22.73	35.00	35.04	1226.54	696.54	p11
15	30	0.85	30	0	41	4.05	0.05	626.00	28.80	41.00	29.76	1220.25	594.25	p11
15	30	0.86	30	0	41	4.05	0.05	626.14	28.80	41.00	29.76	1220.25	594.11	p11
15	30	0.87	30	0	41	4.05	0.05	626.31	28.80	41.00	29.76	1220.25	593.95	p11
15	30	0.88	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.89	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.9	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.91	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.92	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.93	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.94	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.95	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.96	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.97	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.98	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	30	0.99	30	0	40	5.00	0.00	630.00	27.77	40.00	30.59	1223.46	593.46	p11
15	35	0.85	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.86	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.87	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.88	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.89	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.9	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.91	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.92	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.93	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.94	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.95	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.96	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.97	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.98	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	35	0.99	35	0	44	6.05	0.00	736.30	31.94	44.00	27.41	1205.82	469.52	p11
15	40	0.85	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	40	0.86	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	40	0.87	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	40	0.88	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	40	0.89	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	40	0.9	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	40	0.91	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	40	0.92	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11
15	40	0.93	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11
15	40	0.94	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11
15	40	0.95	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11

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Table B.2 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
15	40	0.96	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11
15	40	0.97	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11
15	40	0.98	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11
15	40	0.99	37	0	47	8.45	0.00	790.70	35.15	44.00	25.20	1108.94	318.24	p11
15	45	0.85	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	45	0.86	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	45	0.87	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	45	0.88	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	45	0.89	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	45	0.9	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	45	0.91	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	45	0.92	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	45	0.93	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	45	0.94	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	45	0.95	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12
15	45	0.96	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12
15	45	0.97	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	45	0.98	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	45	0.99	17	0	27	23.76	0.00	482.58	15.20	15.20	43.71	664.31	181.72	p12
15	50	0.85	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	50	0.86	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	50	0.87	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	50	0.88	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	50	0.89	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	50	0.9	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	50	0.91	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	50	0.92	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	50	0.93	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	50	0.94	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	50	0.95	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12
15	50	0.96	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12
15	50	0.97	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	50	0.98	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	50	0.99	17	0	27	23.76	0.00	482.58	15.20	15.20	43.71	664.31	181.72	p12
15	55	0.85	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	55	0.86	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	55	0.87	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	55	0.88	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	55	0.89	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	55	0.9	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	55	0.91	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	55	0.92	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	55	0.93	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	55	0.94	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	55	0.95	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12
15	55	0.96	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12
15	55	0.97	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	55	0.98	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	55	0.99	17	0	27	23.76	0.00	482.58	15.20	15.20	43.71	664.31	181.72	p12
15	60	0.85	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	60	0.86	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	60	0.87	11	0	27	12.48	0.00	294.90	15.20	15.20	43.71	664.31	369.41	p12
15	60	0.88	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	60	0.89	12	0	27	14.11	0.00	324.68	15.20	15.20	43.71	664.31	339.63	p12
15	60	0.9	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	60	0.91	13	0	27	15.84	0.00	355.06	15.20	15.20	43.71	664.31	309.25	p12
15	60	0.92	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	60	0.93	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	60	0.94	14	0	27	17.67	0.00	386.04	15.20	15.20	43.71	664.31	278.27	p12
15	60	0.95	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12

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Table B.2 – *Continued from previous the page*

y	**K**	**cf**	q^m	q^r	**d**	**ha**	**ba**	**tcost**	**lc**	**tdem**	**p**	**trev**	**profit**	**pt**
15	60	0.96	15	0	27	19.60	0.00	417.62	15.20	15.20	43.71	664.31	246.69	p12
15	60	0.97	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	60	0.98	16	0	27	21.63	0.00	449.80	15.20	15.20	43.71	664.31	214.50	p12
15	60	0.99	17	0	27	23.76	0.00	482.58	15.20	15.20	43.71	664.31	181.72	p12

B.3 Result of Numerical Experiment for the Problem 2

TABLE B.3: Result of Numerical Experiment for the $P2$

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	0	0.85	0	96	100	0.1	4.05	3018.00	100.00	100.00	0.00	0.00	-3018.00	p22
0	0	0.86	0	97	100	0.2	3.20	3029.14	100.00	100.00	0.00	0.00	-3029.14	p22
0	0	0.87	0	97	100	0.2	3.20	3039.69	100.00	100.00	0.00	0.00	-3039.69	p22
0	0	0.88	0	98	100	0.5	2.45	3050.50	100.00	100.00	0.00	0.00	-3050.50	p22
0	0	0.89	0	98	100	0.5	2.45	3061.64	100.00	100.00	0.00	0.00	-3061.64	p22
0	0	0.9	0	99	100	0.8	1.80	3072.00	100.00	100.00	0.00	0.00	-3072.00	p22
0	0	0.91	0	100	100	1.3	1.25	3083.33	100.00	100.00	0.00	0.00	-3083.33	p22
0	0	0.92	0	100	100	1.3	1.25	3093.75	100.00	100.00	0.00	0.00	-3093.75	p22
0	0	0.93	0	100	100	1.3	1.25	3107.14	100.00	100.00	0.00	0.00	-3107.14	p22
0	0	0.94	0	100	100	1.3	1.25	3125.00	100.00	100.00	0.00	0.00	-3125.00	p22
0	0	0.95	0	100	100	1.3	1.25	3150.00	100.00	100.00	0.00	0.00	-3150.00	p22
0	0	0.96	0	100	100	1.3	1.25	3187.50	100.00	100.00	0.00	0.00	-3187.50	p22
0	0	0.97	0	100	100	1.3	1.25	3250.00	100.00	100.00	0.00	0.00	-3250.00	p22
0	0	0.98	0	100	100	1.3	1.25	3375.00	100.00	100.00	0.00	0.00	-3375.00	p22
0	0	0.99	0	100	100	1.3	1.25	3750.00	100.00	100.00	0.00	0.00	-3750.00	p22
0	5	0.85	0	0	5	1.3	1.25	50.00	0.00	0.00	100.00	0.00	-50.00	p22
0	5	0.86	0	0	5	1.3	1.25	53.57	0.00	0.00	100.00	0.00	-53.57	p22
0	5	0.87	0	0	5	1.3	1.25	57.69	0.00	0.00	100.00	0.00	-57.69	p22
0	5	0.88	0	0	5	1.3	1.25	62.50	0.00	0.00	100.00	0.00	-62.50	p22
0	5	0.89	0	0	5	1.3	1.25	68.18	0.00	0.00	100.00	0.00	-68.18	p22
0	5	0.9	0	0	5	1.3	1.25	75.00	0.00	0.00	100.00	0.00	-75.00	p22
0	5	0.91	0	0	5	1.3	1.25	83.33	0.00	0.00	100.00	0.00	-83.33	p22
0	5	0.92	0	0	5	1.3	1.25	93.75	0.00	0.00	100.00	0.00	-93.75	p22
0	5	0.93	0	1	5	1.8	0.80	104.57	0.00	0.00	100.00	0.00	-104.57	p22
0	5	0.94	0	1	5	1.8	0.80	116.00	0.00	0.00	100.00	0.00	-116.00	p22
0	5	0.95	0	2	5	2.5	0.45	126.00	0.00	0.00	100.00	0.00	-126.00	p22
0	5	0.96	0	3	5	3.2	0.20	138.00	0.00	0.00	100.00	0.00	-138.00	p22
0	5	0.97	0	3	5	3.2	0.20	148.00	0.00	0.00	100.00	0.00	-148.00	p22
0	5	0.98	0	4	5	4.1	0.05	159.00	0.00	0.00	100.00	0.00	-159.00	p22
0	5	0.99	0	4	5	4.1	0.05	174.00	0.00	0.00	100.00	0.00	-174.00	p22
0	10	0.85	0	6	16	1.1	1.36	233.06	6.21	6.21	61.17	367.04	133.98	p22
0	10	0.86	0	6	16	1.1	1.36	236.94	6.21	6.21	61.17	367.04	130.10	p22
0	10	0.87	0	6	16	1.1	1.36	241.42	6.21	6.21	61.17	367.04	125.62	p22
0	10	0.88	0	7	16	1.7	0.89	259.09	6.21	6.21	61.17	380.03	120.94	p22
0	10	0.89	0	7	16	1.7	0.89	263.12	6.21	6.21	61.17	380.03	116.91	p22
0	10	0.9	0	7	16	1.7	0.89	267.96	6.21	6.21	61.17	380.03	112.07	p22
0	10	0.91	0	7	16	1.7	0.89	273.87	6.21	6.21	61.17	380.03	106.16	p22
0	10	0.92	0	7	16	1.7	0.89	281.26	6.21	6.21	61.17	380.03	98.76	p22
0	10	0.93	0	7	16	1.7	0.89	290.77	6.21	6.21	61.17	380.03	89.26	p22
0	10	0.94	0	8	16	2.3	0.52	302.32	6.21	6.21	61.17	380.03	77.71	p22
0	10	0.95	0	8	16	2.3	0.52	312.64	6.21	6.21	61.17	380.03	67.39	p22
0	10	0.96	0	9	16	3.0	0.24	323.43	6.21	6.21	61.17	380.03	56.59	p22
0	10	0.97	0	9	16	3.0	0.24	335.67	6.21	6.21	61.17	380.03	44.36	p22
0	10	0.98	0	10	16	3.9	0.07	344.77	6.21	6.21	61.17	380.03	35.25	p22
0	10	0.99	0	11	16	4.8	0.00	360.08	6.21	6.21	61.17	380.03	19.95	p22
0	15	0.85	4	6	21	1.2	1.28	310.85	10.06	10.06	52.10	520.96	210.11	p22
0	15	0.86	4	6	21	1.2	1.28	314.50	10.06	10.06	52.10	520.96	206.45	p22
0	15	0.87	4	6	21	1.2	1.28	318.72	10.06	10.06	52.10	520.96	202.23	p22
0	15	0.88	4	6	21	1.2	1.28	323.65	10.06	10.06	52.10	520.96	197.31	p22
0	15	0.89	4	6	21	1.2	1.28	329.47	10.06	10.06	52.10	520.96	191.49	p22
0	15	0.9	4	6	21	1.2	1.28	336.45	10.06	10.06	52.10	520.96	184.51	p22
0	15	0.91	4	6	21	1.2	1.28	344.98	10.06	10.06	52.10	520.96	175.97	p22
0	15	0.92	4	7	21	1.8	0.82	357.45	10.06	10.06	52.10	524.08	166.63	p22
0	15	0.93	4	7	21	1.8	0.82	366.28	10.06	10.06	52.10	524.08	157.80	p22
0	15	0.94	4	7	21	1.8	0.82	378.06	10.06	10.06	52.10	524.08	146.02	p22
0	15	0.95	4	8	21	2.4	0.47	387.82	10.06	10.06	52.10	524.08	136.26	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	15	0.96	4	9	21	3.2	0.21	399.47	10.06	10.06	52.10	524.08	124.61	p22
0	15	0.97	4	9	21	3.2	0.21	410.07	10.06	10.06	52.10	524.08	114.01	p22
0	15	0.98	4	10	21	4.0	0.06	420.49	10.06	10.06	52.10	524.08	103.59	p22
0	15	0.99	4	10	20	4.7	0.00	410.42	9.26	9.26	53.72	497.23	86.80	p22
0	20	0.85	9	1	21	1.2	1.28	260.85	10.06	10.06	52.10	520.96	260.11	p22
0	20	0.86	9	1	21	1.2	1.28	264.50	10.06	10.06	52.10	520.96	256.45	p22
0	20	0.87	9	1	21	1.2	1.28	268.72	10.06	10.06	52.10	520.96	252.23	p22
0	20	0.88	9	1	21	1.2	1.28	273.65	10.06	10.06	52.10	520.96	247.31	p22
0	20	0.89	9	1	21	1.2	1.28	279.47	10.06	10.06	52.10	520.96	241.49	p22
0	20	0.9	9	1	21	1.2	1.28	286.45	10.06	10.06	52.10	520.96	234.51	p22
0	20	0.91	9	1	21	1.2	1.28	294.98	10.06	10.06	52.10	520.96	225.97	p22
0	20	0.92	9	2	21	1.8	0.82	307.45	10.06	10.06	52.10	524.08	216.63	p22
0	20	0.93	9	2	21	1.8	0.82	316.28	10.06	10.06	52.10	524.08	207.80	p22
0	20	0.94	9	2	21	1.8	0.82	328.06	10.06	10.06	52.10	524.08	196.02	p22
0	20	0.95	9	3	21	2.4	0.47	337.82	10.06	10.06	52.10	524.08	186.26	p22
0	20	0.96	9	4	21	3.2	0.21	349.47	10.06	10.06	52.10	524.08	174.61	p22
0	20	0.97	9	4	21	3.2	0.21	360.07	10.06	10.06	52.10	524.08	164.01	p22
0	20	0.98	9	5	21	4.0	0.06	370.49	10.06	10.06	52.10	524.08	153.59	p22
0	20	0.99	9	5	20	4.7	0.00	360.42	9.26	9.26	53.72	497.23	136.80	p22
0	25	0.85	13	0	24	1.5	1.04	304.31	12.57	12.57	47.64	598.66	294.35	p22
0	25	0.86	13	0	24	1.5	1.04	307.29	12.57	12.57	47.64	598.66	291.37	p22
0	25	0.87	13	0	24	1.5	1.04	310.73	12.57	12.57	47.64	598.66	287.93	p22
0	25	0.88	13	0	24	1.5	1.04	314.74	12.57	12.57	47.64	598.66	283.92	p22
0	25	0.89	13	0	24	1.5	1.04	319.48	12.57	12.57	47.64	598.66	279.18	p22
0	25	0.9	13	0	24	1.5	1.04	325.17	12.57	12.57	47.64	598.66	273.50	p22
0	25	0.91	13	0	24	1.5	1.04	332.12	12.57	12.57	47.64	598.66	266.54	p22
0	25	0.92	13	0	24	1.5	1.04	340.81	12.57	12.57	47.64	598.66	257.85	p22
0	25	0.93	13	0	23	2.0	0.69	326.90	11.72	11.72	49.06	574.80	247.90	p22
0	25	0.94	13	0	23	2.0	0.69	336.76	11.72	11.72	49.06	574.80	238.04	p22
0	25	0.95	13	0	22	2.5	0.41	322.50	10.88	10.88	50.54	549.94	227.43	p22
0	25	0.96	13	1	23	2.7	0.37	359.04	11.72	11.72	49.06	574.80	215.75	p22
0	25	0.97	14	0	21	4.0	0.06	314.88	10.06	10.06	52.10	524.08	209.20	p22
0	25	0.98	14	0	21	4.0	0.06	320.49	10.06	10.06	52.10	524.08	203.59	p22
0	25	0.99	14	0	20	4.7	0.00	310.42	9.26	9.26	53.72	497.23	186.80	p22
0	30	0.85	17	0	29	1.2	1.26	390.24	17.02	17.02	41.32	702.46	312.23	p22
0	30	0.86	17	0	29	1.2	1.26	393.83	17.02	17.02	41.32	702.46	308.63	p22
0	30	0.87	17	0	29	1.2	1.26	397.98	17.02	17.02	41.32	702.46	304.48	p22
0	30	0.88	17	0	29	1.2	1.26	402.82	17.02	17.02	41.32	702.46	299.64	p22
0	30	0.89	17	0	29	1.2	1.26	408.54	17.02	17.02	41.32	702.46	293.92	p22
0	30	0.9	18	0	29	1.8	0.81	414.30	17.02	17.02	41.32	703.16	288.85	p22
0	30	0.91	18	0	29	1.8	0.81	419.68	17.02	17.02	41.32	703.16	283.48	p22
0	30	0.92	18	0	29	1.8	0.81	426.41	17.02	17.02	41.32	703.16	276.75	p22
0	30	0.93	18	0	28	2.4	0.48	412.63	16.10	16.10	42.49	684.22	271.59	p22
0	30	0.94	18	0	28	2.4	0.48	419.50	16.10	16.10	42.49	684.22	264.72	p22
0	30	0.95	18	0	27	3.0	0.24	405.82	15.20	15.20	43.71	664.31	258.48	p22
0	30	0.96	18	0	27	3.0	0.24	413.08	15.20	15.20	43.71	664.31	251.23	p22
0	30	0.97	18	0	26	3.8	0.09	399.28	14.31	14.31	44.97	643.41	244.14	p22
0	30	0.98	18	0	26	3.8	0.09	407.84	14.31	14.31	44.97	643.41	235.57	p22
0	30	0.99	18	0	25	4.6	0.01	392.99	13.43	13.43	46.28	621.53	228.54	p22
0	35	0.85	17	0	29	1.2	1.26	390.24	17.02	17.02	41.32	702.46	312.23	p22
0	35	0.86	17	0	29	1.2	1.26	393.83	17.02	17.02	41.32	702.46	308.63	p22
0	35	0.87	17	0	29	1.2	1.26	397.98	17.02	17.02	41.32	702.46	304.48	p22
0	35	0.88	18	0	30	1.3	1.22	421.43	17.94	17.94	40.19	721.13	299.70	p22
0	35	0.89	18	0	30	1.3	1.22	426.98	17.94	17.94	40.19	721.13	294.15	p22
0	35	0.9	18	0	29	1.8	0.81	414.30	17.02	17.02	41.32	703.16	288.85	p22
0	35	0.91	18	0	29	1.8	0.81	419.68	17.02	17.02	41.32	703.16	283.48	p22
0	35	0.92	19	0	29	2.4	0.46	426.03	17.02	17.02	41.32	703.16	277.13	p22
0	35	0.93	19	0	29	2.4	0.46	430.91	17.02	17.02	41.32	703.16	272.25	p22
0	35	0.94	19	0	29	2.4	0.46	437.41	17.02	17.02	41.32	703.16	265.75	p22
0	35	0.95	20	0	29	3.2	0.20	442.31	17.02	17.02	41.32	703.16	260.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	35	0.96	20	0	29	3.2	0.20	448.41	17.02	17.02	41.32	703.16	254.75	p22
0	35	0.97	21	0	29	4.0	0.05	454.24	17.02	17.02	41.32	703.16	248.92	p22
0	35	0.98	21	0	29	4.0	0.05	459.41	17.02	17.02	41.32	703.16	243.75	p22
0	35	0.99	21	0	28	4.9	0.00	449.70	16.10	16.10	42.49	684.22	234.52	p22
0	40	0.85	17	0	29	1.2	1.26	390.24	17.02	17.02	41.32	702.46	312.23	p22
0	40	0.86	17	0	29	1.2	1.26	393.83	17.02	17.02	41.32	702.46	308.63	p22
0	40	0.87	17	0	29	1.2	1.26	397.98	17.02	17.02	41.32	702.46	304.48	p22
0	40	0.88	18	0	30	1.3	1.22	421.43	17.94	17.94	40.19	721.13	299.70	p22
0	40	0.89	18	0	30	1.3	1.22	426.98	17.94	17.94	40.19	721.13	294.15	p22
0	40	0.9	18	0	29	1.8	0.81	414.30	17.02	17.02	41.32	703.16	288.85	p22
0	40	0.91	18	0	29	1.8	0.81	419.68	17.02	17.02	41.32	703.16	283.48	p22
0	40	0.92	19	0	29	2.4	0.46	426.03	17.02	17.02	41.32	703.16	277.13	p22
0	40	0.93	19	0	29	2.4	0.46	430.91	17.02	17.02	41.32	703.16	272.25	p22
0	40	0.94	19	0	29	2.4	0.46	437.41	17.02	17.02	41.32	703.16	265.75	p22
0	40	0.95	20	0	29	3.2	0.20	442.31	17.02	17.02	41.32	703.16	260.85	p22
0	40	0.96	20	0	29	3.2	0.20	448.41	17.02	17.02	41.32	703.16	254.75	p22
0	40	0.97	21	0	29	4.0	0.05	454.24	17.02	17.02	41.32	703.16	248.92	p22
0	40	0.98	21	0	29	4.0	0.05	459.41	17.02	17.02	41.32	703.16	243.75	p22
0	40	0.99	21	0	28	4.9	0.00	449.70	16.10	16.10	42.49	684.22	234.52	p22
0	45	0.85	17	0	29	1.2	1.26	390.24	17.02	17.02	41.32	702.46	312.23	p22
0	45	0.86	17	0	29	1.2	1.26	393.83	17.02	17.02	41.32	702.46	308.63	p22
0	45	0.87	17	0	29	1.2	1.26	397.98	17.02	17.02	41.32	702.46	304.48	p22
0	45	0.88	18	0	30	1.3	1.22	421.43	17.94	17.94	40.19	721.13	299.70	p22
0	45	0.89	18	0	30	1.3	1.22	426.98	17.94	17.94	40.19	721.13	294.15	p22
0	45	0.9	18	0	29	1.8	0.81	414.30	17.02	17.02	41.32	703.16	288.85	p22
0	45	0.91	18	0	29	1.8	0.81	419.68	17.02	17.02	41.32	703.16	283.48	p22
0	45	0.92	19	0	29	2.4	0.46	426.03	17.02	17.02	41.32	703.16	277.13	p22
0	45	0.93	19	0	29	2.4	0.46	430.91	17.02	17.02	41.32	703.16	272.25	p22
0	45	0.94	19	0	29	2.4	0.46	437.41	17.02	17.02	41.32	703.16	265.75	p22
0	45	0.95	20	0	29	3.2	0.20	442.31	17.02	17.02	41.32	703.16	260.85	p22
0	45	0.96	20	0	29	3.2	0.20	448.41	17.02	17.02	41.32	703.16	254.75	p22
0	45	0.97	21	0	29	4.0	0.05	454.24	17.02	17.02	41.32	703.16	248.92	p22
0	45	0.98	21	0	29	4.0	0.05	459.41	17.02	17.02	41.32	703.16	243.75	p22
0	45	0.99	21	0	28	4.9	0.00	449.70	16.10	16.10	42.49	684.22	234.52	p22
0	50	0.85	17	0	29	1.2	1.26	390.24	17.02	17.02	41.32	702.46	312.23	p22
0	50	0.86	17	0	29	1.2	1.26	393.83	17.02	17.02	41.32	702.46	308.63	p22
0	50	0.87	17	0	29	1.2	1.26	397.98	17.02	17.02	41.32	702.46	304.48	p22
0	50	0.88	18	0	30	1.3	1.22	421.43	17.94	17.94	40.19	721.13	299.70	p22
0	50	0.89	18	0	30	1.3	1.22	426.98	17.94	17.94	40.19	721.13	294.15	p22
0	50	0.9	18	0	29	1.8	0.81	414.30	17.02	17.02	41.32	703.16	288.85	p22
0	50	0.91	18	0	29	1.8	0.81	419.68	17.02	17.02	41.32	703.16	283.48	p22
0	50	0.92	19	0	29	2.4	0.46	426.03	17.02	17.02	41.32	703.16	277.13	p22
0	50	0.93	19	0	29	2.4	0.46	430.91	17.02	17.02	41.32	703.16	272.25	p22
0	50	0.94	19	0	29	2.4	0.46	437.41	17.02	17.02	41.32	703.16	265.75	p22
0	50	0.95	20	0	29	3.2	0.20	442.31	17.02	17.02	41.32	703.16	260.85	p22
0	50	0.96	20	0	29	3.2	0.20	448.41	17.02	17.02	41.32	703.16	254.75	p22
0	50	0.97	21	0	29	4.0	0.05	454.24	17.02	17.02	41.32	703.16	248.92	p22
0	50	0.98	21	0	29	4.0	0.05	459.41	17.02	17.02	41.32	703.16	243.75	p22
0	50	0.99	21	0	28	4.9	0.00	449.70	16.10	16.10	42.49	684.22	234.52	p22
0	55	0.85	17	0	29	1.2	1.26	390.24	17.02	17.02	41.32	702.46	312.23	p22
0	55	0.86	17	0	29	1.2	1.26	393.83	17.02	17.02	41.32	702.46	308.63	p22
0	55	0.87	17	0	29	1.2	1.26	397.98	17.02	17.02	41.32	702.46	304.48	p22
0	55	0.88	18	0	30	1.3	1.22	421.43	17.94	17.94	40.19	721.13	299.70	p22
0	55	0.89	18	0	30	1.3	1.22	426.98	17.94	17.94	40.19	721.13	294.15	p22
0	55	0.9	18	0	29	1.8	0.81	414.30	17.02	17.02	41.32	703.16	288.85	p22
0	55	0.91	18	0	29	1.8	0.81	419.68	17.02	17.02	41.32	703.16	283.48	p22
0	55	0.92	19	0	29	2.4	0.46	426.03	17.02	17.02	41.32	703.16	277.13	p22
0	55	0.93	19	0	29	2.4	0.46	430.91	17.02	17.02	41.32	703.16	272.25	p22
0	55	0.94	19	0	29	2.4	0.46	437.41	17.02	17.02	41.32	703.16	265.75	p22
0	55	0.95	20	0	29	3.2	0.20	442.31	17.02	17.02	41.32	703.16	260.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
0	55	0.96	20	0	29	3.2	0.20	448.41	17.02	17.02	41.32	703.16	254.75	p22
0	55	0.97	21	0	29	4.0	0.05	454.24	17.02	17.02	41.32	703.16	248.92	p22
0	55	0.98	21	0	29	4.0	0.05	459.41	17.02	17.02	41.32	703.16	243.75	p22
0	55	0.99	21	0	28	4.9	0.00	449.70	16.10	16.10	42.49	684.22	234.52	p22
0	60	0.85	17	0	29	1.2	1.26	390.24	17.02	17.02	41.32	702.46	312.23	p22
0	60	0.86	17	0	29	1.2	1.26	393.83	17.02	17.02	41.32	702.46	308.63	p22
0	60	0.87	17	0	29	1.2	1.26	397.98	17.02	17.02	41.32	702.46	304.48	p22
0	60	0.88	18	0	30	1.3	1.22	421.43	17.94	17.94	40.19	721.13	299.70	p22
0	60	0.89	18	0	30	1.3	1.22	426.98	17.94	17.94	40.19	721.13	294.15	p22
0	60	0.9	18	0	29	1.8	0.81	414.30	17.02	17.02	41.32	703.16	288.85	p22
0	60	0.91	18	0	29	1.8	0.81	419.68	17.02	17.02	41.32	703.16	283.48	p22
0	60	0.92	19	0	29	2.4	0.46	426.03	17.02	17.02	41.32	703.16	277.13	p22
0	60	0.93	19	0	29	2.4	0.46	430.91	17.02	17.02	41.32	703.16	272.25	p22
0	60	0.94	19	0	29	2.4	0.46	437.41	17.02	17.02	41.32	703.16	265.75	p22
0	60	0.95	20	0	29	3.2	0.20	442.31	17.02	17.02	41.32	703.16	260.85	p22
0	60	0.96	20	0	29	3.2	0.20	448.41	17.02	17.02	41.32	703.16	254.75	p22
0	60	0.97	21	0	29	4.0	0.05	454.24	17.02	17.02	41.32	703.16	248.92	p22
0	60	0.98	21	0	29	4.0	0.05	459.41	17.02	17.02	41.32	703.16	243.75	p22
0	60	0.99	21	0	28	4.9	0.00	449.70	16.10	16.10	42.49	684.22	234.52	p22
1	0	0.85	0	95	100	0.1	4.05	2988.00	100.00	100.00	0.00	0.00	-2988.00	p22
1	0	0.86	0	96	100	0.2	3.20	2999.14	100.00	100.00	0.00	0.00	-2999.14	p22
1	0	0.87	0	96	100	0.2	3.20	3009.69	100.00	100.00	0.00	0.00	-3009.69	p22
1	0	0.88	0	97	100	0.5	2.45	3020.50	100.00	100.00	0.00	0.00	-3020.50	p22
1	0	0.89	0	97	100	0.5	2.45	3031.64	100.00	100.00	0.00	0.00	-3031.64	p22
1	0	0.9	0	98	100	0.8	1.80	3042.00	100.00	100.00	0.00	0.00	-3042.00	p22
1	0	0.91	0	99	100	1.3	1.25	3053.33	100.00	100.00	0.00	0.00	-3053.33	p22
1	0	0.92	0	99	100	1.3	1.25	3063.75	100.00	100.00	0.00	0.00	-3063.75	p22
1	0	0.93	0	100	100	1.8	0.80	3074.57	100.00	100.00	0.00	0.00	-3074.57	p22
1	0	0.94	0	100	100	1.8	0.80	3086.00	100.00	100.00	0.00	0.00	-3086.00	p22
1	0	0.95	0	100	100	1.8	0.80	3102.00	100.00	100.00	0.00	0.00	-3102.00	p22
1	0	0.96	0	100	100	1.8	0.80	3126.00	100.00	100.00	0.00	0.00	-3126.00	p22
1	0	0.97	0	100	100	1.8	0.80	3166.00	100.00	100.00	0.00	0.00	-3166.00	p22
1	0	0.98	0	100	100	1.8	0.80	3246.00	100.00	100.00	0.00	0.00	-3246.00	p22
1	0	0.99	0	100	100	1.8	0.80	3486.00	100.00	100.00	0.00	0.00	-3486.00	p22
1	5	0.85	0	0	5	1.8	0.80	38.00	0.00	0.00	100.00	0.00	-38.00	p22
1	5	0.86	0	0	5	1.8	0.80	40.29	0.00	0.00	100.00	0.00	-40.29	p22
1	5	0.87	0	0	5	1.8	0.80	42.92	0.00	0.00	100.00	0.00	-42.92	p22
1	5	0.88	0	0	5	1.8	0.80	46.00	0.00	0.00	100.00	0.00	-46.00	p22
1	5	0.89	0	0	5	1.8	0.80	49.64	0.00	0.00	100.00	0.00	-49.64	p22
1	5	0.9	0	0	5	1.8	0.80	54.00	0.00	0.00	100.00	0.00	-54.00	p22
1	5	0.91	0	0	5	1.8	0.80	59.33	0.00	0.00	100.00	0.00	-59.33	p22
1	5	0.92	0	0	5	1.8	0.80	66.00	0.00	0.00	100.00	0.00	-66.00	p22
1	5	0.93	0	0	5	1.8	0.80	74.57	0.00	0.00	100.00	0.00	-74.57	p22
1	5	0.94	0	0	5	1.8	0.80	86.00	0.00	0.00	100.00	0.00	-86.00	p22
1	5	0.95	0	1	5	2.5	0.45	96.00	0.00	0.00	100.00	0.00	-96.00	p22
1	5	0.96	0	2	5	3.2	0.20	108.00	0.00	0.00	100.00	0.00	-108.00	p22
1	5	0.97	0	2	5	3.2	0.20	118.00	0.00	0.00	100.00	0.00	-118.00	p22
1	5	0.98	0	3	5	4.1	0.05	129.00	0.00	0.00	100.00	0.00	-129.00	p22
1	5	0.99	0	3	5	4.1	0.05	144.00	0.00	0.00	100.00	0.00	-144.00	p22
1	10	0.85	0	5	16	1.1	1.36	203.06	6.21	6.21	61.17	367.04	163.98	p22
1	10	0.86	0	5	16	1.1	1.36	206.94	6.21	6.21	61.17	367.04	160.10	p22
1	10	0.87	0	5	16	1.1	1.36	211.42	6.21	6.21	61.17	367.04	155.62	p22
1	10	0.88	0	6	16	1.7	0.89	229.09	6.21	6.21	61.17	380.03	150.94	p22
1	10	0.89	0	6	16	1.7	0.89	233.12	6.21	6.21	61.17	380.03	146.91	p22
1	10	0.9	0	6	16	1.7	0.89	237.96	6.21	6.21	61.17	380.03	142.07	p22
1	10	0.91	0	6	16	1.7	0.89	243.87	6.21	6.21	61.17	380.03	136.16	p22
1	10	0.92	0	6	16	1.7	0.89	251.26	6.21	6.21	61.17	380.03	128.76	p22
1	10	0.93	0	6	16	1.7	0.89	260.77	6.21	6.21	61.17	380.03	119.26	p22
1	10	0.94	0	7	16	2.3	0.52	272.32	6.21	6.21	61.17	380.03	107.71	p22
1	10	0.95	0	7	16	2.3	0.52	282.64	6.21	6.21	61.17	380.03	97.39	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
1	10	0.96	0	8	16	3.0	0.24	293.43	6.21	6.21	61.17	380.03	86.59	p22
1	10	0.97	0	8	16	3.0	0.24	305.67	6.21	6.21	61.17	380.03	74.36	p22
1	10	0.98	0	9	16	3.9	0.07	314.77	6.21	6.21	61.17	380.03	65.25	p22
1	10	0.99	0	10	16	4.8	0.00	330.08	6.21	6.21	61.17	380.03	49.95	p22
1	15	0.85	4	5	21	1.2	1.28	280.85	10.06	10.06	52.10	520.96	240.11	p22
1	15	0.86	4	5	21	1.2	1.28	284.50	10.06	10.06	52.10	520.96	236.45	p22
1	15	0.87	4	5	21	1.2	1.28	288.72	10.06	10.06	52.10	520.96	232.23	p22
1	15	0.88	4	5	21	1.2	1.28	293.65	10.06	10.06	52.10	520.96	227.31	p22
1	15	0.89	4	5	21	1.2	1.28	299.47	10.06	10.06	52.10	520.96	221.49	p22
1	15	0.9	4	5	21	1.2	1.28	306.45	10.06	10.06	52.10	520.96	214.51	p22
1	15	0.91	4	5	21	1.2	1.28	314.98	10.06	10.06	52.10	520.96	205.97	p22
1	15	0.92	4	6	21	1.8	0.82	327.45	10.06	10.06	52.10	524.08	196.63	p22
1	15	0.93	4	6	21	1.8	0.82	336.28	10.06	10.06	52.10	524.08	187.80	p22
1	15	0.94	4	6	21	1.8	0.82	348.06	10.06	10.06	52.10	524.08	176.02	p22
1	15	0.95	4	7	21	2.4	0.47	357.82	10.06	10.06	52.10	524.08	166.26	p22
1	15	0.96	4	8	21	3.2	0.21	369.47	10.06	10.06	52.10	524.08	154.61	p22
1	15	0.97	4	8	21	3.2	0.21	380.07	10.06	10.06	52.10	524.08	144.01	p22
1	15	0.98	4	9	21	4.0	0.06	390.49	10.06	10.06	52.10	524.08	133.59	p22
1	15	0.99	4	9	20	4.7	0.00	380.42	9.26	9.26	53.72	497.23	116.80	p22
1	20	0.85	9	0	21	1.2	1.28	230.85	10.06	10.06	52.10	520.96	290.11	p22
1	20	0.86	9	0	21	1.2	1.28	234.50	10.06	10.06	52.10	520.96	286.45	p22
1	20	0.87	9	0	21	1.2	1.28	238.72	10.06	10.06	52.10	520.96	282.23	p22
1	20	0.88	9	0	21	1.2	1.28	243.65	10.06	10.06	52.10	520.96	277.31	p22
1	20	0.89	9	0	21	1.2	1.28	249.47	10.06	10.06	52.10	520.96	271.49	p22
1	20	0.9	9	0	21	1.2	1.28	256.45	10.06	10.06	52.10	520.96	264.51	p22
1	20	0.91	9	0	21	1.2	1.28	264.98	10.06	10.06	52.10	520.96	255.97	p22
1	20	0.92	9	1	21	1.8	0.82	277.45	10.06	10.06	52.10	524.08	246.63	p22
1	20	0.93	9	1	21	1.8	0.82	286.28	10.06	10.06	52.10	524.08	237.80	p22
1	20	0.94	9	1	21	1.8	0.82	298.06	10.06	10.06	52.10	524.08	226.02	p22
1	20	0.95	9	2	21	2.4	0.47	307.82	10.06	10.06	52.10	524.08	216.26	p22
1	20	0.96	9	3	21	3.2	0.21	319.47	10.06	10.06	52.10	524.08	204.61	p22
1	20	0.97	9	3	21	3.2	0.21	330.07	10.06	10.06	52.10	524.08	194.01	p22
1	20	0.98	9	4	21	4.0	0.06	340.49	10.06	10.06	52.10	524.08	183.59	p22
1	20	0.99	9	4	20	4.7	0.00	330.42	9.26	9.26	53.72	497.23	166.80	p22
1	25	0.85	13	0	25	1.6	0.98	302.68	13.43	13.43	46.28	621.53	318.85	p22
1	25	0.86	13	0	25	1.6	0.98	305.49	13.43	13.43	46.28	621.53	316.05	p22
1	25	0.87	13	0	25	1.6	0.98	308.72	13.43	13.43	46.28	621.53	312.81	p22
1	25	0.88	13	0	25	1.6	0.98	312.50	13.43	13.43	46.28	621.53	309.03	p22
1	25	0.89	13	0	25	1.6	0.98	316.96	13.43	13.43	46.28	621.53	304.57	p22
1	25	0.9	13	0	25	1.6	0.98	322.32	13.43	13.43	46.28	621.53	299.22	p22
1	25	0.91	13	0	25	1.6	0.98	328.86	13.43	13.43	46.28	621.53	292.67	p22
1	25	0.92	13	0	25	1.6	0.98	337.04	13.43	13.43	46.28	621.53	284.49	p22
1	25	0.93	13	0	24	2.1	0.64	323.12	12.57	12.57	47.64	598.66	275.54	p22
1	25	0.94	13	0	24	2.1	0.64	332.21	12.57	12.57	47.64	598.66	266.45	p22
1	25	0.95	13	0	23	2.7	0.37	317.98	11.72	11.72	49.06	574.80	256.82	p22
1	25	0.96	13	0	23	2.7	0.37	329.04	11.72	11.72	49.06	574.80	245.75	p22
1	25	0.97	13	0	22	3.3	0.18	314.08	10.88	10.88	50.54	549.94	235.85	p22
1	25	0.98	13	1	22	4.2	0.04	326.35	10.88	10.88	50.54	549.94	223.59	p22
1	25	0.99	14	0	21	4.9	0.00	309.75	10.06	10.06	52.10	524.08	214.33	p22
1	30	0.85	16	0	29	1.2	1.26	370.24	17.02	17.02	41.32	702.46	332.23	p22
1	30	0.86	16	0	29	1.2	1.26	373.83	17.02	17.02	41.32	702.46	328.63	p22
1	30	0.87	16	0	29	1.2	1.26	377.98	17.02	17.02	41.32	702.46	324.48	p22
1	30	0.88	17	0	30	1.3	1.22	401.43	17.94	17.94	40.19	721.13	319.70	p22
1	30	0.89	17	0	30	1.3	1.22	406.98	17.94	17.94	40.19	721.13	314.15	p22
1	30	0.9	17	0	29	1.8	0.81	394.30	17.02	17.02	41.32	703.16	308.85	p22
1	30	0.91	17	0	29	1.8	0.81	399.68	17.02	17.02	41.32	703.16	303.48	p22
1	30	0.92	18	0	29	2.4	0.46	406.03	17.02	17.02	41.32	703.16	297.13	p22
1	30	0.93	18	0	29	2.4	0.46	410.91	17.02	17.02	41.32	703.16	292.25	p22
1	30	0.94	18	0	29	2.4	0.46	417.41	17.02	17.02	41.32	703.16	285.75	p22
1	30	0.95	18	0	28	3.1	0.22	403.90	16.10	16.10	42.49	684.22	280.32	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
1	30	0.96	18	0	28	3.1	0.22	410.53	16.10	16.10	42.49	684.22	273.69	p22
1	30	0.97	18	0	27	3.9	0.07	397.19	15.20	15.20	43.71	664.31	267.12	p22
1	30	0.98	18	0	27	3.9	0.07	404.38	15.20	15.20	43.71	664.31	259.93	p22
1	30	0.99	18	0	26	4.7	0.00	391.01	14.31	14.31	44.97	643.41	252.41	p22
1	35	0.85	16	0	29	1.2	1.26	370.24	17.02	17.02	41.32	702.46	332.23	p22
1	35	0.86	16	0	29	1.2	1.26	373.83	17.02	17.02	41.32	702.46	328.63	p22
1	35	0.87	16	0	29	1.2	1.26	377.98	17.02	17.02	41.32	702.46	324.48	p22
1	35	0.88	17	0	30	1.3	1.22	401.43	17.94	17.94	40.19	721.13	319.70	p22
1	35	0.89	17	0	30	1.3	1.22	406.98	17.94	17.94	40.19	721.13	314.15	p22
1	35	0.9	17	0	29	1.8	0.81	394.30	17.02	17.02	41.32	703.16	308.85	p22
1	35	0.91	17	0	29	1.8	0.81	399.68	17.02	17.02	41.32	703.16	303.48	p22
1	35	0.92	18	0	29	2.4	0.46	406.03	17.02	17.02	41.32	703.16	297.13	p22
1	35	0.93	18	0	29	2.4	0.46	410.91	17.02	17.02	41.32	703.16	292.25	p22
1	35	0.94	18	0	29	2.4	0.46	417.41	17.02	17.02	41.32	703.16	285.75	p22
1	35	0.95	19	0	29	3.2	0.20	422.31	17.02	17.02	41.32	703.16	280.85	p22
1	35	0.96	19	0	29	3.2	0.20	428.41	17.02	17.02	41.32	703.16	274.75	p22
1	35	0.97	20	0	29	4.0	0.05	434.24	17.02	17.02	41.32	703.16	268.92	p22
1	35	0.98	20	0	29	4.0	0.05	439.41	17.02	17.02	41.32	703.16	263.75	p22
1	35	0.99	20	0	28	4.9	0.00	429.70	16.10	16.10	42.49	684.22	254.52	p22
1	40	0.85	16	0	29	1.2	1.26	370.24	17.02	17.02	41.32	702.46	332.23	p22
1	40	0.86	16	0	29	1.2	1.26	373.83	17.02	17.02	41.32	702.46	328.63	p22
1	40	0.87	16	0	29	1.2	1.26	377.98	17.02	17.02	41.32	702.46	324.48	p22
1	40	0.88	17	0	30	1.3	1.22	401.43	17.94	17.94	40.19	721.13	319.70	p22
1	40	0.89	17	0	30	1.3	1.22	406.98	17.94	17.94	40.19	721.13	314.15	p22
1	40	0.9	17	0	29	1.8	0.81	394.30	17.02	17.02	41.32	703.16	308.85	p22
1	40	0.91	17	0	29	1.8	0.81	399.68	17.02	17.02	41.32	703.16	303.48	p22
1	40	0.92	18	0	29	2.4	0.46	406.03	17.02	17.02	41.32	703.16	297.13	p22
1	40	0.93	18	0	29	2.4	0.46	410.91	17.02	17.02	41.32	703.16	292.25	p22
1	40	0.94	18	0	29	2.4	0.46	417.41	17.02	17.02	41.32	703.16	285.75	p22
1	40	0.95	19	0	29	3.2	0.20	422.31	17.02	17.02	41.32	703.16	280.85	p22
1	40	0.96	19	0	29	3.2	0.20	428.41	17.02	17.02	41.32	703.16	274.75	p22
1	40	0.97	20	0	29	4.0	0.05	434.24	17.02	17.02	41.32	703.16	268.92	p22
1	40	0.98	20	0	29	4.0	0.05	439.41	17.02	17.02	41.32	703.16	263.75	p22
1	40	0.99	20	0	28	4.9	0.00	429.70	16.10	16.10	42.49	684.22	254.52	p22
1	45	0.85	16	0	29	1.2	1.26	370.24	17.02	17.02	41.32	702.46	332.23	p22
1	45	0.86	16	0	29	1.2	1.26	373.83	17.02	17.02	41.32	702.46	328.63	p22
1	45	0.87	16	0	29	1.2	1.26	377.98	17.02	17.02	41.32	702.46	324.48	p22
1	45	0.88	17	0	30	1.3	1.22	401.43	17.94	17.94	40.19	721.13	319.70	p22
1	45	0.89	17	0	30	1.3	1.22	406.98	17.94	17.94	40.19	721.13	314.15	p22
1	45	0.9	17	0	29	1.8	0.81	394.30	17.02	17.02	41.32	703.16	308.85	p22
1	45	0.91	17	0	29	1.8	0.81	399.68	17.02	17.02	41.32	703.16	303.48	p22
1	45	0.92	18	0	29	2.4	0.46	406.03	17.02	17.02	41.32	703.16	297.13	p22
1	45	0.93	18	0	29	2.4	0.46	410.91	17.02	17.02	41.32	703.16	292.25	p22
1	45	0.94	18	0	29	2.4	0.46	417.41	17.02	17.02	41.32	703.16	285.75	p22
1	45	0.95	19	0	29	3.2	0.20	422.31	17.02	17.02	41.32	703.16	280.85	p22
1	45	0.96	19	0	29	3.2	0.20	428.41	17.02	17.02	41.32	703.16	274.75	p22
1	45	0.97	20	0	29	4.0	0.05	434.24	17.02	17.02	41.32	703.16	268.92	p22
1	45	0.98	20	0	29	4.0	0.05	439.41	17.02	17.02	41.32	703.16	263.75	p22
1	45	0.99	20	0	28	4.9	0.00	429.70	16.10	16.10	42.49	684.22	254.52	p22
1	50	0.85	16	0	29	1.2	1.26	370.24	17.02	17.02	41.32	702.46	332.23	p22
1	50	0.86	16	0	29	1.2	1.26	373.83	17.02	17.02	41.32	702.46	328.63	p22
1	50	0.87	16	0	29	1.2	1.26	377.98	17.02	17.02	41.32	702.46	324.48	p22
1	50	0.88	17	0	30	1.3	1.22	401.43	17.94	17.94	40.19	721.13	319.70	p22
1	50	0.89	17	0	30	1.3	1.22	406.98	17.94	17.94	40.19	721.13	314.15	p22
1	50	0.9	17	0	29	1.8	0.81	394.30	17.02	17.02	41.32	703.16	308.85	p22
1	50	0.91	17	0	29	1.8	0.81	399.68	17.02	17.02	41.32	703.16	303.48	p22
1	50	0.92	18	0	29	2.4	0.46	406.03	17.02	17.02	41.32	703.16	297.13	p22
1	50	0.93	18	0	29	2.4	0.46	410.91	17.02	17.02	41.32	703.16	292.25	p22
1	50	0.94	18	0	29	2.4	0.46	417.41	17.02	17.02	41.32	703.16	285.75	p22
1	50	0.95	19	0	29	3.2	0.20	422.31	17.02	17.02	41.32	703.16	280.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
1	50	0.96	19	0	29	3.2	0.20	428.41	17.02	17.02	41.32	703.16	274.75	p22
1	50	0.97	20	0	29	4.0	0.05	434.24	17.02	17.02	41.32	703.16	268.92	p22
1	50	0.98	20	0	29	4.0	0.05	439.41	17.02	17.02	41.32	703.16	263.75	p22
1	50	0.99	20	0	28	4.9	0.00	429.70	16.10	16.10	42.49	684.22	254.52	p22
1	55	0.85	16	0	29	1.2	1.26	370.24	17.02	17.02	41.32	702.46	332.23	p22
1	55	0.86	16	0	29	1.2	1.26	373.83	17.02	17.02	41.32	702.46	328.63	p22
1	55	0.87	16	0	29	1.2	1.26	377.98	17.02	17.02	41.32	702.46	324.48	p22
1	55	0.88	17	0	30	1.3	1.22	401.43	17.94	17.94	40.19	721.13	319.70	p22
1	55	0.89	17	0	30	1.3	1.22	406.98	17.94	17.94	40.19	721.13	314.15	p22
1	55	0.9	17	0	29	1.8	0.81	394.30	17.02	17.02	41.32	703.16	308.85	p22
1	55	0.91	17	0	29	1.8	0.81	399.68	17.02	17.02	41.32	703.16	303.48	p22
1	55	0.92	18	0	29	2.4	0.46	406.03	17.02	17.02	41.32	703.16	297.13	p22
1	55	0.93	18	0	29	2.4	0.46	410.91	17.02	17.02	41.32	703.16	292.25	p22
1	55	0.94	18	0	29	2.4	0.46	417.41	17.02	17.02	41.32	703.16	285.75	p22
1	55	0.95	19	0	29	3.2	0.20	422.31	17.02	17.02	41.32	703.16	280.85	p22
1	55	0.96	19	0	29	3.2	0.20	428.41	17.02	17.02	41.32	703.16	274.75	p22
1	55	0.97	20	0	29	4.0	0.05	434.24	17.02	17.02	41.32	703.16	268.92	p22
1	55	0.98	20	0	29	4.0	0.05	439.41	17.02	17.02	41.32	703.16	263.75	p22
1	55	0.99	20	0	28	4.9	0.00	429.70	16.10	16.10	42.49	684.22	254.52	p22
1	60	0.85	16	0	29	1.2	1.26	370.24	17.02	17.02	41.32	702.46	332.23	p22
1	60	0.86	16	0	29	1.2	1.26	373.83	17.02	17.02	41.32	702.46	328.63	p22
1	60	0.87	16	0	29	1.2	1.26	377.98	17.02	17.02	41.32	702.46	324.48	p22
1	60	0.88	17	0	30	1.3	1.22	401.43	17.94	17.94	40.19	721.13	319.70	p22
1	60	0.89	17	0	30	1.3	1.22	406.98	17.94	17.94	40.19	721.13	314.15	p22
1	60	0.9	17	0	29	1.8	0.81	394.30	17.02	17.02	41.32	703.16	308.85	p22
1	60	0.91	17	0	29	1.8	0.81	399.68	17.02	17.02	41.32	703.16	303.48	p22
1	60	0.92	18	0	29	2.4	0.46	406.03	17.02	17.02	41.32	703.16	297.13	p22
1	60	0.93	18	0	29	2.4	0.46	410.91	17.02	17.02	41.32	703.16	292.25	p22
1	60	0.94	18	0	29	2.4	0.46	417.41	17.02	17.02	41.32	703.16	285.75	p22
1	60	0.95	19	0	29	3.2	0.20	422.31	17.02	17.02	41.32	703.16	280.85	p22
1	60	0.96	19	0	29	3.2	0.20	428.41	17.02	17.02	41.32	703.16	274.75	p22
1	60	0.97	20	0	29	4.0	0.05	434.24	17.02	17.02	41.32	703.16	268.92	p22
1	60	0.98	20	0	29	4.0	0.05	439.41	17.02	17.02	41.32	703.16	263.75	p22
1	60	0.99	20	0	28	4.9	0.00	429.70	16.10	16.10	42.49	684.22	254.52	p22
2	0	0.85	0	94	100	0.1	4.05	2958.00	100.00	100.00	0.00	0.00	-2958.00	p22
2	0	0.86	0	95	100	0.2	3.20	2969.14	100.00	100.00	0.00	0.00	-2969.14	p22
2	0	0.87	0	95	100	0.2	3.20	2979.69	100.00	100.00	0.00	0.00	-2979.69	p22
2	0	0.88	0	96	100	0.5	2.45	2990.50	100.00	100.00	0.00	0.00	-2990.50	p22
2	0	0.89	0	96	100	0.5	2.45	3001.64	100.00	100.00	0.00	0.00	-3001.64	p22
2	0	0.9	0	97	100	0.8	1.80	3012.00	100.00	100.00	0.00	0.00	-3012.00	p22
2	0	0.91	0	98	100	1.3	1.25	3023.33	100.00	100.00	0.00	0.00	-3023.33	p22
2	0	0.92	0	98	100	1.3	1.25	3033.75	100.00	100.00	0.00	0.00	-3033.75	p22
2	0	0.93	0	99	100	1.8	0.80	3044.57	100.00	100.00	0.00	0.00	-3044.57	p22
2	0	0.94	0	99	100	1.8	0.80	3056.00	100.00	100.00	0.00	0.00	-3056.00	p22
2	0	0.95	0	100	100	2.5	0.45	3066.00	100.00	100.00	0.00	0.00	-3066.00	p22
2	0	0.96	0	100	100	2.5	0.45	3079.50	100.00	100.00	0.00	0.00	-3079.50	p22
2	0	0.97	0	100	100	2.5	0.45	3102.00	100.00	100.00	0.00	0.00	-3102.00	p22
2	0	0.98	0	100	100	2.5	0.45	3147.00	100.00	100.00	0.00	0.00	-3147.00	p22
2	0	0.99	0	100	100	2.5	0.45	3282.00	100.00	100.00	0.00	0.00	-3282.00	p22
2	5	0.85	0	0	5	2.5	0.45	30.00	0.00	0.00	100.00	0.00	-30.00	p22
2	5	0.86	0	0	5	2.5	0.45	31.29	0.00	0.00	100.00	0.00	-31.29	p22
2	5	0.87	0	0	5	2.5	0.45	32.77	0.00	0.00	100.00	0.00	-32.77	p22
2	5	0.88	0	0	5	2.5	0.45	34.50	0.00	0.00	100.00	0.00	-34.50	p22
2	5	0.89	0	0	5	2.5	0.45	36.55	0.00	0.00	100.00	0.00	-36.55	p22
2	5	0.9	0	0	5	2.5	0.45	39.00	0.00	0.00	100.00	0.00	-39.00	p22
2	5	0.91	0	0	5	2.5	0.45	42.00	0.00	0.00	100.00	0.00	-42.00	p22
2	5	0.92	0	0	5	2.5	0.45	45.75	0.00	0.00	100.00	0.00	-45.75	p22
2	5	0.93	0	0	5	2.5	0.45	50.57	0.00	0.00	100.00	0.00	-50.57	p22
2	5	0.94	0	0	5	2.5	0.45	57.00	0.00	0.00	100.00	0.00	-57.00	p22
2	5	0.95	0	0	5	2.5	0.45	66.00	0.00	0.00	100.00	0.00	-66.00	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
2	5	0.96	0	1	5	3.2	0.20	78.00	0.00	0.00	100.00	0.00	-78.00	p22
2	5	0.97	0	1	5	3.2	0.20	88.00	0.00	0.00	100.00	0.00	-88.00	p22
2	5	0.98	0	2	5	4.1	0.05	99.00	0.00	0.00	100.00	0.00	-99.00	p22
2	5	0.99	0	2	5	4.1	0.05	114.00	0.00	0.00	100.00	0.00	-114.00	p22
2	10	0.85	0	4	16	1.1	1.36	173.06	6.21	6.21	61.17	367.04	193.98	p22
2	10	0.86	0	4	16	1.1	1.36	176.94	6.21	6.21	61.17	367.04	190.10	p22
2	10	0.87	0	4	16	1.1	1.36	181.42	6.21	6.21	61.17	367.04	185.62	p22
2	10	0.88	0	5	16	1.7	0.89	199.09	6.21	6.21	61.17	380.03	180.94	p22
2	10	0.89	0	5	16	1.7	0.89	203.12	6.21	6.21	61.17	380.03	176.91	p22
2	10	0.9	0	5	16	1.7	0.89	207.96	6.21	6.21	61.17	380.03	172.07	p22
2	10	0.91	0	5	16	1.7	0.89	213.87	6.21	6.21	61.17	380.03	166.16	p22
2	10	0.92	0	5	16	1.7	0.89	221.26	6.21	6.21	61.17	380.03	158.76	p22
2	10	0.93	0	5	16	1.7	0.89	230.77	6.21	6.21	61.17	380.03	149.26	p22
2	10	0.94	0	6	16	2.3	0.52	242.32	6.21	6.21	61.17	380.03	137.71	p22
2	10	0.95	0	6	16	2.3	0.52	252.64	6.21	6.21	61.17	380.03	127.39	p22
2	10	0.96	0	7	16	3.0	0.24	263.43	6.21	6.21	61.17	380.03	116.59	p22
2	10	0.97	0	7	16	3.0	0.24	275.67	6.21	6.21	61.17	380.03	104.36	p22
2	10	0.98	0	8	16	3.9	0.07	284.77	6.21	6.21	61.17	380.03	95.25	p22
2	10	0.99	0	9	16	4.8	0.00	300.08	6.21	6.21	61.17	380.03	79.95	p22
2	15	0.85	4	4	21	1.2	1.28	250.85	10.06	10.06	52.10	520.96	270.11	p22
2	15	0.86	4	4	21	1.2	1.28	254.50	10.06	10.06	52.10	520.96	266.45	p22
2	15	0.87	4	4	21	1.2	1.28	258.72	10.06	10.06	52.10	520.96	262.23	p22
2	15	0.88	4	4	21	1.2	1.28	263.65	10.06	10.06	52.10	520.96	257.31	p22
2	15	0.89	4	4	21	1.2	1.28	269.47	10.06	10.06	52.10	520.96	251.49	p22
2	15	0.9	4	4	21	1.2	1.28	276.45	10.06	10.06	52.10	520.96	244.51	p22
2	15	0.91	4	4	21	1.2	1.28	284.98	10.06	10.06	52.10	520.96	235.97	p22
2	15	0.92	4	5	21	1.8	0.82	297.45	10.06	10.06	52.10	524.08	226.63	p22
2	15	0.93	4	5	21	1.8	0.82	306.28	10.06	10.06	52.10	524.08	217.80	p22
2	15	0.94	4	5	21	1.8	0.82	318.06	10.06	10.06	52.10	524.08	206.02	p22
2	15	0.95	4	6	21	2.4	0.47	327.82	10.06	10.06	52.10	524.08	196.26	p22
2	15	0.96	4	7	21	3.2	0.21	339.47	10.06	10.06	52.10	524.08	184.61	p22
2	15	0.97	4	7	21	3.2	0.21	350.07	10.06	10.06	52.10	524.08	174.01	p22
2	15	0.98	4	8	21	4.0	0.06	360.49	10.06	10.06	52.10	524.08	163.59	p22
2	15	0.99	4	8	20	4.7	0.00	350.42	9.26	9.26	53.72	497.23	146.80	p22
2	20	0.85	8	1	22	1.3	1.19	238.36	10.88	10.88	50.54	549.94	311.58	p22
2	20	0.86	8	1	22	1.3	1.19	241.76	10.88	10.88	50.54	549.94	308.18	p22
2	20	0.87	8	1	22	1.3	1.19	245.69	10.88	10.88	50.54	549.94	304.25	p22
2	20	0.88	8	1	22	1.3	1.19	250.27	10.88	10.88	50.54	549.94	299.67	p22
2	20	0.89	8	1	22	1.3	1.19	255.68	10.88	10.88	50.54	549.94	294.26	p22
2	20	0.9	9	0	21	1.8	0.82	235.09	10.06	10.06	52.10	524.08	288.99	p22
2	20	0.91	9	0	21	1.8	0.82	240.58	10.06	10.06	52.10	524.08	283.49	p22
2	20	0.92	9	0	21	1.8	0.82	247.45	10.06	10.06	52.10	524.08	276.63	p22
2	20	0.93	9	0	21	1.8	0.82	256.28	10.06	10.06	52.10	524.08	267.80	p22
2	20	0.94	9	0	21	1.8	0.82	268.06	10.06	10.06	52.10	524.08	256.02	p22
2	20	0.95	9	1	21	2.4	0.47	277.82	10.06	10.06	52.10	524.08	246.26	p22
2	20	0.96	9	2	21	3.2	0.21	289.47	10.06	10.06	52.10	524.08	234.61	p22
2	20	0.97	9	2	21	3.2	0.21	300.07	10.06	10.06	52.10	524.08	224.01	p22
2	20	0.98	9	3	21	4.0	0.06	310.49	10.06	10.06	52.10	524.08	213.59	p22
2	20	0.99	9	3	20	4.7	0.00	300.42	9.26	9.26	53.72	497.23	196.80	p22
2	25	0.85	13	0	27	1.2	1.35	312.87	15.20	15.20	43.71	655.60	342.73	p22
2	25	0.86	13	0	26	1.6	0.93	303.93	14.31	14.31	44.97	643.41	339.48	p22
2	25	0.87	13	0	26	1.6	0.93	306.99	14.31	14.31	44.97	643.41	336.42	p22
2	25	0.88	13	0	26	1.6	0.93	310.56	14.31	14.31	44.97	643.41	332.85	p22
2	25	0.89	13	0	26	1.6	0.93	314.78	14.31	14.31	44.97	643.41	328.63	p22
2	25	0.9	13	0	26	1.6	0.93	319.84	14.31	14.31	44.97	643.41	323.57	p22
2	25	0.91	13	0	26	1.6	0.93	326.03	14.31	14.31	44.97	643.41	317.38	p22
2	25	0.92	13	0	26	1.6	0.93	333.77	14.31	14.31	44.97	643.41	309.65	p22
2	25	0.93	13	0	25	2.2	0.59	319.87	13.43	13.43	46.28	621.53	301.67	p22
2	25	0.94	13	0	25	2.2	0.59	328.28	13.43	13.43	46.28	621.53	293.26	p22
2	25	0.95	13	0	24	2.8	0.33	314.13	12.57	12.57	47.64	598.66	284.53	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
2	25	0.96	13	0	24	2.8	0.33	324.01	12.57	12.57	47.64	598.66	274.65	p22
2	25	0.97	13	0	23	3.4	0.15	309.16	11.72	11.72	49.06	574.80	265.63	p22
2	25	0.98	13	0	22	4.2	0.04	296.35	10.88	10.88	50.54	549.94	253.59	p22
2	25	0.99	13	1	23	4.3	0.03	331.10	11.72	11.72	49.06	574.80	243.70	p22
2	30	0.85	15	0	29	1.2	1.26	350.24	17.02	17.02	41.32	702.46	352.23	p22
2	30	0.86	15	0	29	1.2	1.26	353.83	17.02	17.02	41.32	702.46	348.63	p22
2	30	0.87	15	0	29	1.2	1.26	357.98	17.02	17.02	41.32	702.46	344.48	p22
2	30	0.88	16	0	30	1.3	1.22	381.43	17.94	17.94	40.19	721.13	339.70	p22
2	30	0.89	16	0	30	1.3	1.22	386.98	17.94	17.94	40.19	721.13	334.15	p22
2	30	0.9	16	0	29	1.8	0.81	374.30	17.02	17.02	41.32	703.16	328.85	p22
2	30	0.91	16	0	29	1.8	0.81	379.68	17.02	17.02	41.32	703.16	323.48	p22
2	30	0.92	17	0	29	2.4	0.46	386.03	17.02	17.02	41.32	703.16	317.13	p22
2	30	0.93	17	0	29	2.4	0.46	390.91	17.02	17.02	41.32	703.16	312.25	p22
2	30	0.94	17	0	29	2.4	0.46	397.41	17.02	17.02	41.32	703.16	305.75	p22
2	30	0.95	18	0	29	3.2	0.20	402.31	17.02	17.02	41.32	703.16	300.85	p22
2	30	0.96	18	0	29	3.2	0.20	408.41	17.02	17.02	41.32	703.16	294.75	p22
2	30	0.97	18	0	28	4.0	0.06	395.53	16.10	16.10	42.49	684.22	288.69	p22
2	30	0.98	18	0	28	4.0	0.06	401.61	16.10	16.10	42.49	684.22	282.61	p22
2	30	0.99	18	0	27	4.8	0.00	390.00	15.20	15.20	43.71	664.31	274.31	p22
2	35	0.85	15	0	29	1.2	1.26	350.24	17.02	17.02	41.32	702.46	352.23	p22
2	35	0.86	15	0	29	1.2	1.26	353.83	17.02	17.02	41.32	702.46	348.63	p22
2	35	0.87	15	0	29	1.2	1.26	357.98	17.02	17.02	41.32	702.46	344.48	p22
2	35	0.88	16	0	30	1.3	1.22	381.43	17.94	17.94	40.19	721.13	339.70	p22
2	35	0.89	16	0	30	1.3	1.22	386.98	17.94	17.94	40.19	721.13	334.15	p22
2	35	0.9	16	0	29	1.8	0.81	374.30	17.02	17.02	41.32	703.16	328.85	p22
2	35	0.91	16	0	29	1.8	0.81	379.68	17.02	17.02	41.32	703.16	323.48	p22
2	35	0.92	17	0	29	2.4	0.46	386.03	17.02	17.02	41.32	703.16	317.13	p22
2	35	0.93	17	0	29	2.4	0.46	390.91	17.02	17.02	41.32	703.16	312.25	p22
2	35	0.94	17	0	29	2.4	0.46	397.41	17.02	17.02	41.32	703.16	305.75	p22
2	35	0.95	18	0	29	3.2	0.20	402.31	17.02	17.02	41.32	703.16	300.85	p22
2	35	0.96	18	0	29	3.2	0.20	408.41	17.02	17.02	41.32	703.16	294.75	p22
2	35	0.97	19	0	29	4.0	0.05	414.24	17.02	17.02	41.32	703.16	288.92	p22
2	35	0.98	19	0	29	4.0	0.05	419.41	17.02	17.02	41.32	703.16	283.75	p22
2	35	0.99	19	0	28	4.9	0.00	409.70	16.10	16.10	42.49	684.22	274.52	p22
2	40	0.85	15	0	29	1.2	1.26	350.24	17.02	17.02	41.32	702.46	352.23	p22
2	40	0.86	15	0	29	1.2	1.26	353.83	17.02	17.02	41.32	702.46	348.63	p22
2	40	0.87	15	0	29	1.2	1.26	357.98	17.02	17.02	41.32	702.46	344.48	p22
2	40	0.88	16	0	30	1.3	1.22	381.43	17.94	17.94	40.19	721.13	339.70	p22
2	40	0.89	16	0	30	1.3	1.22	386.98	17.94	17.94	40.19	721.13	334.15	p22
2	40	0.9	16	0	29	1.8	0.81	374.30	17.02	17.02	41.32	703.16	328.85	p22
2	40	0.91	16	0	29	1.8	0.81	379.68	17.02	17.02	41.32	703.16	323.48	p22
2	40	0.92	17	0	29	2.4	0.46	386.03	17.02	17.02	41.32	703.16	317.13	p22
2	40	0.93	17	0	29	2.4	0.46	390.91	17.02	17.02	41.32	703.16	312.25	p22
2	40	0.94	17	0	29	2.4	0.46	397.41	17.02	17.02	41.32	703.16	305.75	p22
2	40	0.95	18	0	29	3.2	0.20	402.31	17.02	17.02	41.32	703.16	300.85	p22
2	40	0.96	18	0	29	3.2	0.20	408.41	17.02	17.02	41.32	703.16	294.75	p22
2	40	0.97	19	0	29	4.0	0.05	414.24	17.02	17.02	41.32	703.16	288.92	p22
2	40	0.98	19	0	29	4.0	0.05	419.41	17.02	17.02	41.32	703.16	283.75	p22
2	40	0.99	19	0	28	4.9	0.00	409.70	16.10	16.10	42.49	684.22	274.52	p22
2	45	0.85	15	0	29	1.2	1.26	350.24	17.02	17.02	41.32	702.46	352.23	p22
2	45	0.86	15	0	29	1.2	1.26	353.83	17.02	17.02	41.32	702.46	348.63	p22
2	45	0.87	15	0	29	1.2	1.26	357.98	17.02	17.02	41.32	702.46	344.48	p22
2	45	0.88	16	0	30	1.3	1.22	381.43	17.94	17.94	40.19	721.13	339.70	p22
2	45	0.89	16	0	30	1.3	1.22	386.98	17.94	17.94	40.19	721.13	334.15	p22
2	45	0.9	16	0	29	1.8	0.81	374.30	17.02	17.02	41.32	703.16	328.85	p22
2	45	0.91	16	0	29	1.8	0.81	379.68	17.02	17.02	41.32	703.16	323.48	p22
2	45	0.92	17	0	29	2.4	0.46	386.03	17.02	17.02	41.32	703.16	317.13	p22
2	45	0.93	17	0	29	2.4	0.46	390.91	17.02	17.02	41.32	703.16	312.25	p22
2	45	0.94	17	0	29	2.4	0.46	397.41	17.02	17.02	41.32	703.16	305.75	p22
2	45	0.95	18	0	29	3.2	0.20	402.31	17.02	17.02	41.32	703.16	300.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
2	45	0.96	18	0	29	3.2	0.20	408.41	17.02	17.02	41.32	703.16	294.75	p22
2	45	0.97	19	0	29	4.0	0.05	414.24	17.02	17.02	41.32	703.16	288.92	p22
2	45	0.98	19	0	29	4.0	0.05	419.41	17.02	17.02	41.32	703.16	283.75	p22
2	45	0.99	19	0	28	4.9	0.00	409.70	16.10	16.10	42.49	684.22	274.52	p22
2	50	0.85	15	0	29	1.2	1.26	350.24	17.02	17.02	41.32	702.46	352.23	p22
2	50	0.86	15	0	29	1.2	1.26	353.83	17.02	17.02	41.32	702.46	348.63	p22
2	50	0.87	15	0	29	1.2	1.26	357.98	17.02	17.02	41.32	702.46	344.48	p22
2	50	0.88	16	0	30	1.3	1.22	381.43	17.94	17.94	40.19	721.13	339.70	p22
2	50	0.89	16	0	30	1.3	1.22	386.98	17.94	17.94	40.19	721.13	334.15	p22
2	50	0.9	16	0	29	1.8	0.81	374.30	17.02	17.02	41.32	703.16	328.85	p22
2	50	0.91	16	0	29	1.8	0.81	379.68	17.02	17.02	41.32	703.16	323.48	p22
2	50	0.92	17	0	29	2.4	0.46	386.03	17.02	17.02	41.32	703.16	317.13	p22
2	50	0.93	17	0	29	2.4	0.46	390.91	17.02	17.02	41.32	703.16	312.25	p22
2	50	0.94	17	0	29	2.4	0.46	397.41	17.02	17.02	41.32	703.16	305.75	p22
2	50	0.95	18	0	29	3.2	0.20	402.31	17.02	17.02	41.32	703.16	300.85	p22
2	50	0.96	18	0	29	3.2	0.20	408.41	17.02	17.02	41.32	703.16	294.75	p22
2	50	0.97	19	0	29	4.0	0.05	414.24	17.02	17.02	41.32	703.16	288.92	p22
2	50	0.98	19	0	29	4.0	0.05	419.41	17.02	17.02	41.32	703.16	283.75	p22
2	50	0.99	19	0	28	4.9	0.00	409.70	16.10	16.10	42.49	684.22	274.52	p22
2	55	0.85	15	0	29	1.2	1.26	350.24	17.02	17.02	41.32	702.46	352.23	p22
2	55	0.86	15	0	29	1.2	1.26	353.83	17.02	17.02	41.32	702.46	348.63	p22
2	55	0.87	15	0	29	1.2	1.26	357.98	17.02	17.02	41.32	702.46	344.48	p22
2	55	0.88	16	0	30	1.3	1.22	381.43	17.94	17.94	40.19	721.13	339.70	p22
2	55	0.89	16	0	30	1.3	1.22	386.98	17.94	17.94	40.19	721.13	334.15	p22
2	55	0.9	16	0	29	1.8	0.81	374.30	17.02	17.02	41.32	703.16	328.85	p22
2	55	0.91	16	0	29	1.8	0.81	379.68	17.02	17.02	41.32	703.16	323.48	p22
2	55	0.92	17	0	29	2.4	0.46	386.03	17.02	17.02	41.32	703.16	317.13	p22
2	55	0.93	17	0	29	2.4	0.46	390.91	17.02	17.02	41.32	703.16	312.25	p22
2	55	0.94	17	0	29	2.4	0.46	397.41	17.02	17.02	41.32	703.16	305.75	p22
2	55	0.95	18	0	29	3.2	0.20	402.31	17.02	17.02	41.32	703.16	300.85	p22
2	55	0.96	18	0	29	3.2	0.20	408.41	17.02	17.02	41.32	703.16	294.75	p22
2	55	0.97	19	0	29	4.0	0.05	414.24	17.02	17.02	41.32	703.16	288.92	p22
2	55	0.98	19	0	29	4.0	0.05	419.41	17.02	17.02	41.32	703.16	283.75	p22
2	55	0.99	19	0	28	4.9	0.00	409.70	16.10	16.10	42.49	684.22	274.52	p22
2	60	0.85	15	0	29	1.2	1.26	350.24	17.02	17.02	41.32	702.46	352.23	p22
2	60	0.86	15	0	29	1.2	1.26	353.83	17.02	17.02	41.32	702.46	348.63	p22
2	60	0.87	15	0	29	1.2	1.26	357.98	17.02	17.02	41.32	702.46	344.48	p22
2	60	0.88	16	0	30	1.3	1.22	381.43	17.94	17.94	40.19	721.13	339.70	p22
2	60	0.89	16	0	30	1.3	1.22	386.98	17.94	17.94	40.19	721.13	334.15	p22
2	60	0.9	16	0	29	1.8	0.81	374.30	17.02	17.02	41.32	703.16	328.85	p22
2	60	0.91	16	0	29	1.8	0.81	379.68	17.02	17.02	41.32	703.16	323.48	p22
2	60	0.92	17	0	29	2.4	0.46	386.03	17.02	17.02	41.32	703.16	317.13	p22
2	60	0.93	17	0	29	2.4	0.46	390.91	17.02	17.02	41.32	703.16	312.25	p22
2	60	0.94	17	0	29	2.4	0.46	397.41	17.02	17.02	41.32	703.16	305.75	p22
2	60	0.95	18	0	29	3.2	0.20	402.31	17.02	17.02	41.32	703.16	300.85	p22
2	60	0.96	18	0	29	3.2	0.20	408.41	17.02	17.02	41.32	703.16	294.75	p22
2	60	0.97	19	0	29	4.0	0.05	414.24	17.02	17.02	41.32	703.16	288.92	p22
2	60	0.98	19	0	29	4.0	0.05	419.41	17.02	17.02	41.32	703.16	283.75	p22
2	60	0.99	19	0	28	4.9	0.00	409.70	16.10	16.10	42.49	684.22	274.52	p22
3	0	0.85	0	93	100	0.1	4.05	2928.00	100.00	100.00	0.00	0.00	-2928.00	p22
3	0	0.86	0	94	100	0.2	3.20	2939.14	100.00	100.00	0.00	0.00	-2939.14	p22
3	0	0.87	0	94	100	0.2	3.20	2949.69	100.00	100.00	0.00	0.00	-2949.69	p22
3	0	0.88	0	95	100	0.5	2.45	2960.50	100.00	100.00	0.00	0.00	-2960.50	p22
3	0	0.89	0	95	100	0.5	2.45	2971.64	100.00	100.00	0.00	0.00	-2971.64	p22
3	0	0.9	0	96	100	0.8	1.80	2982.00	100.00	100.00	0.00	0.00	-2982.00	p22
3	0	0.91	0	97	100	1.3	1.25	2993.33	100.00	100.00	0.00	0.00	-2993.33	p22
3	0	0.92	0	97	100	1.3	1.25	3003.75	100.00	100.00	0.00	0.00	-3003.75	p22
3	0	0.93	0	98	100	1.8	0.80	3014.57	100.00	100.00	0.00	0.00	-3014.57	p22
3	0	0.94	0	98	100	1.8	0.80	3026.00	100.00	100.00	0.00	0.00	-3026.00	p22
3	0	0.95	0	99	100	2.5	0.45	3036.00	100.00	100.00	0.00	0.00	-3036.00	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	0	0.96	0	100	100	3.2	0.20	3048.00	100.00	100.00	0.00	0.00	-3048.00	p22
3	0	0.97	0	100	100	3.2	0.20	3058.00	100.00	100.00	0.00	0.00	-3058.00	p22
3	0	0.98	0	100	100	3.2	0.20	3078.00	100.00	100.00	0.00	0.00	-3078.00	p22
3	0	0.99	0	100	100	3.2	0.20	3138.00	100.00	100.00	0.00	0.00	-3138.00	p22
3	5	0.85	0	0	5	3.2	0.20	26.00	0.00	0.00	100.00	0.00	-26.00	p22
3	5	0.86	0	0	5	3.2	0.20	26.57	0.00	0.00	100.00	0.00	-26.57	p22
3	5	0.87	0	0	5	3.2	0.20	27.23	0.00	0.00	100.00	0.00	-27.23	p22
3	5	0.88	0	0	5	3.2	0.20	28.00	0.00	0.00	100.00	0.00	-28.00	p22
3	5	0.89	0	0	5	3.2	0.20	28.91	0.00	0.00	100.00	0.00	-28.91	p22
3	5	0.9	0	0	5	3.2	0.20	30.00	0.00	0.00	100.00	0.00	-30.00	p22
3	5	0.91	0	0	5	3.2	0.20	31.33	0.00	0.00	100.00	0.00	-31.33	p22
3	5	0.92	0	0	5	3.2	0.20	33.00	0.00	0.00	100.00	0.00	-33.00	p22
3	5	0.93	0	0	5	3.2	0.20	35.14	0.00	0.00	100.00	0.00	-35.14	p22
3	5	0.94	0	0	5	3.2	0.20	38.00	0.00	0.00	100.00	0.00	-38.00	p22
3	5	0.95	0	0	5	3.2	0.20	42.00	0.00	0.00	100.00	0.00	-42.00	p22
3	5	0.96	0	0	5	3.2	0.20	48.00	0.00	0.00	100.00	0.00	-48.00	p22
3	5	0.97	0	0	5	3.2	0.20	58.00	0.00	0.00	100.00	0.00	-58.00	p22
3	5	0.98	0	1	5	4.1	0.05	69.00	0.00	0.00	100.00	0.00	-69.00	p22
3	5	0.99	0	1	5	4.1	0.05	84.00	0.00	0.00	100.00	0.00	-84.00	p22
3	10	0.85	0	3	16	1.1	1.36	143.06	6.21	6.21	61.17	367.04	223.98	p22
3	10	0.86	0	3	16	1.1	1.36	146.94	6.21	6.21	61.17	367.04	220.10	p22
3	10	0.87	0	3	16	1.1	1.36	151.42	6.21	6.21	61.17	367.04	215.62	p22
3	10	0.88	0	4	16	1.7	0.89	169.09	6.21	6.21	61.17	380.03	210.94	p22
3	10	0.89	0	4	16	1.7	0.89	173.12	6.21	6.21	61.17	380.03	206.91	p22
3	10	0.9	0	4	16	1.7	0.89	177.96	6.21	6.21	61.17	380.03	202.07	p22
3	10	0.91	0	4	16	1.7	0.89	183.87	6.21	6.21	61.17	380.03	196.16	p22
3	10	0.92	0	4	16	1.7	0.89	191.26	6.21	6.21	61.17	380.03	188.76	p22
3	10	0.93	0	4	16	1.7	0.89	200.77	6.21	6.21	61.17	380.03	179.26	p22
3	10	0.94	0	5	16	2.3	0.52	212.32	6.21	6.21	61.17	380.03	167.71	p22
3	10	0.95	0	5	16	2.3	0.52	222.64	6.21	6.21	61.17	380.03	157.39	p22
3	10	0.96	0	6	16	3.0	0.24	233.43	6.21	6.21	61.17	380.03	146.59	p22
3	10	0.97	0	6	16	3.0	0.24	245.67	6.21	6.21	61.17	380.03	134.36	p22
3	10	0.98	0	7	16	3.9	0.07	254.77	6.21	6.21	61.17	380.03	125.25	p22
3	10	0.99	0	8	16	4.8	0.00	270.08	6.21	6.21	61.17	380.03	109.95	p22
3	15	0.85	4	3	21	1.2	1.28	220.85	10.06	10.06	52.10	520.96	300.11	p22
3	15	0.86	4	3	21	1.2	1.28	224.50	10.06	10.06	52.10	520.96	296.45	p22
3	15	0.87	4	3	21	1.2	1.28	228.72	10.06	10.06	52.10	520.96	292.23	p22
3	15	0.88	4	3	21	1.2	1.28	233.65	10.06	10.06	52.10	520.96	287.31	p22
3	15	0.89	4	3	21	1.2	1.28	239.47	10.06	10.06	52.10	520.96	281.49	p22
3	15	0.9	4	3	21	1.2	1.28	246.45	10.06	10.06	52.10	520.96	274.51	p22
3	15	0.91	4	3	21	1.2	1.28	254.98	10.06	10.06	52.10	520.96	265.97	p22
3	15	0.92	4	4	21	1.8	0.82	267.45	10.06	10.06	52.10	524.08	256.63	p22
3	15	0.93	4	4	21	1.8	0.82	276.28	10.06	10.06	52.10	524.08	247.80	p22
3	15	0.94	4	4	21	1.8	0.82	288.06	10.06	10.06	52.10	524.08	236.02	p22
3	15	0.95	4	5	21	2.4	0.47	297.82	10.06	10.06	52.10	524.08	226.26	p22
3	15	0.96	4	6	21	3.2	0.21	309.47	10.06	10.06	52.10	524.08	214.61	p22
3	15	0.97	4	6	21	3.2	0.21	320.07	10.06	10.06	52.10	524.08	204.01	p22
3	15	0.98	4	7	21	4.0	0.06	330.49	10.06	10.06	52.10	524.08	193.59	p22
3	15	0.99	4	7	20	4.7	0.00	320.42	9.26	9.26	53.72	497.23	176.80	p22
3	20	0.85	8	0	22	1.3	1.19	208.36	10.88	10.88	50.54	549.94	341.58	p22
3	20	0.86	8	0	22	1.3	1.19	211.76	10.88	10.88	50.54	549.94	338.18	p22
3	20	0.87	8	0	22	1.3	1.19	215.69	10.88	10.88	50.54	549.94	334.25	p22
3	20	0.88	8	0	22	1.3	1.19	220.27	10.88	10.88	50.54	549.94	329.67	p22
3	20	0.89	8	0	22	1.3	1.19	225.68	10.88	10.88	50.54	549.94	324.26	p22
3	20	0.9	8	0	22	1.3	1.19	232.18	10.88	10.88	50.54	549.94	317.76	p22
3	20	0.91	8	0	22	1.3	1.19	240.12	10.88	10.88	50.54	549.94	309.82	p22
3	20	0.92	8	0	22	1.3	1.19	250.04	10.88	10.88	50.54	549.94	299.89	p22
3	20	0.93	9	0	21	2.4	0.47	231.77	10.06	10.06	52.10	524.08	292.31	p22
3	20	0.94	9	0	21	2.4	0.47	238.46	10.06	10.06	52.10	524.08	285.62	p22
3	20	0.95	9	0	21	2.4	0.47	247.82	10.06	10.06	52.10	524.08	276.26	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	20	0.96	9	1	21	3.2	0.21	259.47	10.06	10.06	52.10	524.08	264.61	p22
3	20	0.97	9	1	21	3.2	0.21	270.07	10.06	10.06	52.10	524.08	254.01	p22
3	20	0.98	9	2	21	4.0	0.06	280.49	10.06	10.06	52.10	524.08	243.59	p22
3	20	0.99	9	2	20	4.7	0.00	270.42	9.26	9.26	53.72	497.23	226.80	p22
3	25	0.85	13	0	28	1.2	1.30	311.45	16.10	16.10	42.49	679.88	368.43	p22
3	25	0.86	13	0	28	1.2	1.30	315.17	16.10	16.10	42.49	679.88	364.71	p22
3	25	0.87	13	0	28	1.2	1.30	319.46	16.10	16.10	42.49	679.88	360.42	p22
3	25	0.88	13	0	27	1.7	0.88	308.89	15.20	15.20	43.71	664.31	355.42	p22
3	25	0.89	13	0	27	1.7	0.88	312.90	15.20	15.20	43.71	664.31	351.41	p22
3	25	0.9	13	0	27	1.7	0.88	317.71	15.20	15.20	43.71	664.31	346.60	p22
3	25	0.91	13	0	27	1.7	0.88	323.58	15.20	15.20	43.71	664.31	340.72	p22
3	25	0.92	13	0	27	1.7	0.88	330.93	15.20	15.20	43.71	664.31	333.38	p22
3	25	0.93	13	0	26	2.2	0.55	317.07	14.31	14.31	44.97	643.41	326.35	p22
3	25	0.94	13	0	26	2.2	0.55	324.89	14.31	14.31	44.97	643.41	318.53	p22
3	25	0.95	13	0	25	2.9	0.30	310.88	13.43	13.43	46.28	621.53	310.66	p22
3	25	0.96	13	0	25	2.9	0.30	319.74	13.43	13.43	46.28	621.53	301.79	p22
3	25	0.97	13	0	24	3.6	0.12	305.15	12.57	12.57	47.64	598.66	293.51	p22
3	25	0.98	13	0	23	4.3	0.03	293.40	11.72	11.72	49.06	574.80	281.40	p22
3	25	0.99	13	0	23	4.3	0.03	301.10	11.72	11.72	49.06	574.80	273.70	p22
3	30	0.85	14	0	29	1.2	1.26	330.24	17.02	17.02	41.32	702.46	372.23	p22
3	30	0.86	14	0	29	1.2	1.26	333.83	17.02	17.02	41.32	702.46	368.63	p22
3	30	0.87	14	0	29	1.2	1.26	337.98	17.02	17.02	41.32	702.46	364.48	p22
3	30	0.88	15	0	30	1.3	1.22	361.43	17.94	17.94	40.19	721.13	359.70	p22
3	30	0.89	15	0	30	1.3	1.22	366.98	17.94	17.94	40.19	721.13	354.15	p22
3	30	0.9	15	0	29	1.8	0.81	354.30	17.02	17.02	41.32	703.16	348.85	p22
3	30	0.91	15	0	29	1.8	0.81	359.68	17.02	17.02	41.32	703.16	343.48	p22
3	30	0.92	16	0	29	2.4	0.46	366.03	17.02	17.02	41.32	703.16	337.13	p22
3	30	0.93	16	0	29	2.4	0.46	370.91	17.02	17.02	41.32	703.16	332.25	p22
3	30	0.94	16	0	29	2.4	0.46	377.41	17.02	17.02	41.32	703.16	325.75	p22
3	30	0.95	17	0	29	3.2	0.20	382.31	17.02	17.02	41.32	703.16	320.85	p22
3	30	0.96	17	0	29	3.2	0.20	388.41	17.02	17.02	41.32	703.16	314.75	p22
3	30	0.97	18	0	29	4.0	0.05	394.24	17.02	17.02	41.32	703.16	308.92	p22
3	30	0.98	18	0	29	4.0	0.05	399.41	17.02	17.02	41.32	703.16	303.75	p22
3	30	0.99	18	0	28	4.9	0.00	389.70	16.10	16.10	42.49	684.22	294.52	p22
3	35	0.85	14	0	29	1.2	1.26	330.24	17.02	17.02	41.32	702.46	372.23	p22
3	35	0.86	14	0	29	1.2	1.26	333.83	17.02	17.02	41.32	702.46	368.63	p22
3	35	0.87	14	0	29	1.2	1.26	337.98	17.02	17.02	41.32	702.46	364.48	p22
3	35	0.88	15	0	30	1.3	1.22	361.43	17.94	17.94	40.19	721.13	359.70	p22
3	35	0.89	15	0	30	1.3	1.22	366.98	17.94	17.94	40.19	721.13	354.15	p22
3	35	0.9	15	0	29	1.8	0.81	354.30	17.02	17.02	41.32	703.16	348.85	p22
3	35	0.91	15	0	29	1.8	0.81	359.68	17.02	17.02	41.32	703.16	343.48	p22
3	35	0.92	16	0	29	2.4	0.46	366.03	17.02	17.02	41.32	703.16	337.13	p22
3	35	0.93	16	0	29	2.4	0.46	370.91	17.02	17.02	41.32	703.16	332.25	p22
3	35	0.94	16	0	29	2.4	0.46	377.41	17.02	17.02	41.32	703.16	325.75	p22
3	35	0.95	17	0	29	3.2	0.20	382.31	17.02	17.02	41.32	703.16	320.85	p22
3	35	0.96	17	0	29	3.2	0.20	388.41	17.02	17.02	41.32	703.16	314.75	p22
3	35	0.97	18	0	29	4.0	0.05	394.24	17.02	17.02	41.32	703.16	308.92	p22
3	35	0.98	18	0	29	4.0	0.05	399.41	17.02	17.02	41.32	703.16	303.75	p22
3	35	0.99	18	0	28	4.9	0.00	389.70	16.10	16.10	42.49	684.22	294.52	p22
3	40	0.85	14	0	29	1.2	1.26	330.24	17.02	17.02	41.32	702.46	372.23	p22
3	40	0.86	14	0	29	1.2	1.26	333.83	17.02	17.02	41.32	702.46	368.63	p22
3	40	0.87	14	0	29	1.2	1.26	337.98	17.02	17.02	41.32	702.46	364.48	p22
3	40	0.88	15	0	30	1.3	1.22	361.43	17.94	17.94	40.19	721.13	359.70	p22
3	40	0.89	15	0	30	1.3	1.22	366.98	17.94	17.94	40.19	721.13	354.15	p22
3	40	0.9	15	0	29	1.8	0.81	354.30	17.02	17.02	41.32	703.16	348.85	p22
3	40	0.91	15	0	29	1.8	0.81	359.68	17.02	17.02	41.32	703.16	343.48	p22
3	40	0.92	16	0	29	2.4	0.46	366.03	17.02	17.02	41.32	703.16	337.13	p22
3	40	0.93	16	0	29	2.4	0.46	370.91	17.02	17.02	41.32	703.16	332.25	p22
3	40	0.94	16	0	29	2.4	0.46	377.41	17.02	17.02	41.32	703.16	325.75	p22
3	40	0.95	17	0	29	3.2	0.20	382.31	17.02	17.02	41.32	703.16	320.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	40	0.96	17	0	29	3.2	0.20	388.41	17.02	17.02	41.32	703.16	314.75	p22
3	40	0.97	18	0	29	4.0	0.05	394.24	17.02	17.02	41.32	703.16	308.92	p22
3	40	0.98	18	0	29	4.0	0.05	399.41	17.02	17.02	41.32	703.16	303.75	p22
3	40	0.99	18	0	28	4.9	0.00	389.70	16.10	16.10	42.49	684.22	294.52	p22
3	45	0.85	14	0	29	1.2	1.26	330.24	17.02	17.02	41.32	702.46	372.23	p22
3	45	0.86	14	0	29	1.2	1.26	333.83	17.02	17.02	41.32	702.46	368.63	p22
3	45	0.87	14	0	29	1.2	1.26	337.98	17.02	17.02	41.32	702.46	364.48	p22
3	45	0.88	15	0	30	1.3	1.22	361.43	17.94	17.94	40.19	721.13	359.70	p22
3	45	0.89	15	0	30	1.3	1.22	366.98	17.94	17.94	40.19	721.13	354.15	p22
3	45	0.9	15	0	29	1.8	0.81	354.30	17.02	17.02	41.32	703.16	348.85	p22
3	45	0.91	15	0	29	1.8	0.81	359.68	17.02	17.02	41.32	703.16	343.48	p22
3	45	0.92	16	0	29	2.4	0.46	366.03	17.02	17.02	41.32	703.16	337.13	p22
3	45	0.93	16	0	29	2.4	0.46	370.91	17.02	17.02	41.32	703.16	332.25	p22
3	45	0.94	16	0	29	2.4	0.46	377.41	17.02	17.02	41.32	703.16	325.75	p22
3	45	0.95	17	0	29	3.2	0.20	382.31	17.02	17.02	41.32	703.16	320.85	p22
3	45	0.96	17	0	29	3.2	0.20	388.41	17.02	17.02	41.32	703.16	314.75	p22
3	45	0.97	18	0	29	4.0	0.05	394.24	17.02	17.02	41.32	703.16	308.92	p22
3	45	0.98	18	0	29	4.0	0.05	399.41	17.02	17.02	41.32	703.16	303.75	p22
3	45	0.99	18	0	28	4.9	0.00	389.70	16.10	16.10	42.49	684.22	294.52	p22
3	50	0.85	14	0	29	1.2	1.26	330.24	17.02	17.02	41.32	702.46	372.23	p22
3	50	0.86	14	0	29	1.2	1.26	333.83	17.02	17.02	41.32	702.46	368.63	p22
3	50	0.87	14	0	29	1.2	1.26	337.98	17.02	17.02	41.32	702.46	364.48	p22
3	50	0.88	15	0	30	1.3	1.22	361.43	17.94	17.94	40.19	721.13	359.70	p22
3	50	0.89	15	0	30	1.3	1.22	366.98	17.94	17.94	40.19	721.13	354.15	p22
3	50	0.9	15	0	29	1.8	0.81	354.30	17.02	17.02	41.32	703.16	348.85	p22
3	50	0.91	15	0	29	1.8	0.81	359.68	17.02	17.02	41.32	703.16	343.48	p22
3	50	0.92	16	0	29	2.4	0.46	366.03	17.02	17.02	41.32	703.16	337.13	p22
3	50	0.93	16	0	29	2.4	0.46	370.91	17.02	17.02	41.32	703.16	332.25	p22
3	50	0.94	16	0	29	2.4	0.46	377.41	17.02	17.02	41.32	703.16	325.75	p22
3	50	0.95	17	0	29	3.2	0.20	382.31	17.02	17.02	41.32	703.16	320.85	p22
3	50	0.96	17	0	29	3.2	0.20	388.41	17.02	17.02	41.32	703.16	314.75	p22
3	50	0.97	18	0	29	4.0	0.05	394.24	17.02	17.02	41.32	703.16	308.92	p22
3	50	0.98	18	0	29	4.0	0.05	399.41	17.02	17.02	41.32	703.16	303.75	p22
3	50	0.99	18	0	28	4.9	0.00	389.70	16.10	16.10	42.49	684.22	294.52	p22
3	55	0.85	14	0	29	1.2	1.26	330.24	17.02	17.02	41.32	702.46	372.23	p22
3	55	0.86	14	0	29	1.2	1.26	333.83	17.02	17.02	41.32	702.46	368.63	p22
3	55	0.87	14	0	29	1.2	1.26	337.98	17.02	17.02	41.32	702.46	364.48	p22
3	55	0.88	15	0	30	1.3	1.22	361.43	17.94	17.94	40.19	721.13	359.70	p22
3	55	0.89	15	0	30	1.3	1.22	366.98	17.94	17.94	40.19	721.13	354.15	p22
3	55	0.9	15	0	29	1.8	0.81	354.30	17.02	17.02	41.32	703.16	348.85	p22
3	55	0.91	15	0	29	1.8	0.81	359.68	17.02	17.02	41.32	703.16	343.48	p22
3	55	0.92	16	0	29	2.4	0.46	366.03	17.02	17.02	41.32	703.16	337.13	p22
3	55	0.93	16	0	29	2.4	0.46	370.91	17.02	17.02	41.32	703.16	332.25	p22
3	55	0.94	16	0	29	2.4	0.46	377.41	17.02	17.02	41.32	703.16	325.75	p22
3	55	0.95	17	0	29	3.2	0.20	382.31	17.02	17.02	41.32	703.16	320.85	p22
3	55	0.96	17	0	29	3.2	0.20	388.41	17.02	17.02	41.32	703.16	314.75	p22
3	55	0.97	18	0	29	4.0	0.05	394.24	17.02	17.02	41.32	703.16	308.92	p22
3	55	0.98	18	0	29	4.0	0.05	399.41	17.02	17.02	41.32	703.16	303.75	p22
3	55	0.99	18	0	28	4.9	0.00	389.70	16.10	16.10	42.49	684.22	294.52	p22
3	60	0.85	14	0	29	1.2	1.26	330.24	17.02	17.02	41.32	702.46	372.23	p22
3	60	0.86	14	0	29	1.2	1.26	333.83	17.02	17.02	41.32	702.46	368.63	p22
3	60	0.87	14	0	29	1.2	1.26	337.98	17.02	17.02	41.32	702.46	364.48	p22
3	60	0.88	15	0	30	1.3	1.22	361.43	17.94	17.94	40.19	721.13	359.70	p22
3	60	0.89	15	0	30	1.3	1.22	366.98	17.94	17.94	40.19	721.13	354.15	p22
3	60	0.9	15	0	29	1.8	0.81	354.30	17.02	17.02	41.32	703.16	348.85	p22
3	60	0.91	15	0	29	1.8	0.81	359.68	17.02	17.02	41.32	703.16	343.48	p22
3	60	0.92	16	0	29	2.4	0.46	366.03	17.02	17.02	41.32	703.16	337.13	p22
3	60	0.93	16	0	29	2.4	0.46	370.91	17.02	17.02	41.32	703.16	332.25	p22
3	60	0.94	16	0	29	2.4	0.46	377.41	17.02	17.02	41.32	703.16	325.75	p22
3	60	0.95	17	0	29	3.2	0.20	382.31	17.02	17.02	41.32	703.16	320.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
3	60	0.96	17	0	29	3.2	0.20	388.41	17.02	17.02	41.32	703.16	314.75	p22
3	60	0.97	18	0	29	4.0	0.05	394.24	17.02	17.02	41.32	703.16	308.92	p22
3	60	0.98	18	0	29	4.0	0.05	399.41	17.02	17.02	41.32	703.16	303.75	p22
3	60	0.99	18	0	28	4.9	0.00	389.70	16.10	16.10	42.49	684.22	294.52	p22
4	0	0.85	0	92	100	0.1	4.05	2898.00	100.00	100.00	0.00	0.00	-2898.00	p22
4	0	0.86	0	93	100	0.2	3.20	2909.14	100.00	100.00	0.00	0.00	-2909.14	p22
4	0	0.87	0	93	100	0.2	3.20	2919.69	100.00	100.00	0.00	0.00	-2919.69	p22
4	0	0.88	0	94	100	0.5	2.45	2930.50	100.00	100.00	0.00	0.00	-2930.50	p22
4	0	0.89	0	94	100	0.5	2.45	2941.64	100.00	100.00	0.00	0.00	-2941.64	p22
4	0	0.9	0	95	100	0.8	1.80	2952.00	100.00	100.00	0.00	0.00	-2952.00	p22
4	0	0.91	0	96	100	1.3	1.25	2963.33	100.00	100.00	0.00	0.00	-2963.33	p22
4	0	0.92	0	96	100	1.3	1.25	2973.75	100.00	100.00	0.00	0.00	-2973.75	p22
4	0	0.93	0	97	100	1.8	0.80	2984.57	100.00	100.00	0.00	0.00	-2984.57	p22
4	0	0.94	0	97	100	1.8	0.80	2996.00	100.00	100.00	0.00	0.00	-2996.00	p22
4	0	0.95	0	98	100	2.5	0.45	3006.00	100.00	100.00	0.00	0.00	-3006.00	p22
4	0	0.96	0	99	100	3.2	0.20	3018.00	100.00	100.00	0.00	0.00	-3018.00	p22
4	0	0.97	0	99	100	3.2	0.20	3028.00	100.00	100.00	0.00	0.00	-3028.00	p22
4	0	0.98	0	100	100	4.1	0.05	3039.00	100.00	100.00	0.00	0.00	-3039.00	p22
4	0	0.99	0	100	100	4.1	0.05	3054.00	100.00	100.00	0.00	0.00	-3054.00	p22
4	5	0.85	0	0	5	4.1	0.05	26.00	0.00	0.00	100.00	0.00	-26.00	p22
4	5	0.86	0	0	5	4.1	0.05	26.14	0.00	0.00	100.00	0.00	-26.14	p22
4	5	0.87	0	0	5	4.1	0.05	26.31	0.00	0.00	100.00	0.00	-26.31	p22
4	5	0.88	0	0	5	4.1	0.05	26.50	0.00	0.00	100.00	0.00	-26.50	p22
4	5	0.89	0	0	5	4.1	0.05	26.73	0.00	0.00	100.00	0.00	-26.73	p22
4	5	0.9	0	0	5	4.1	0.05	27.00	0.00	0.00	100.00	0.00	-27.00	p22
4	5	0.91	0	0	5	4.1	0.05	27.33	0.00	0.00	100.00	0.00	-27.33	p22
4	5	0.92	0	0	5	4.1	0.05	27.75	0.00	0.00	100.00	0.00	-27.75	p22
4	5	0.93	0	0	5	4.1	0.05	28.29	0.00	0.00	100.00	0.00	-28.29	p22
4	5	0.94	0	0	5	4.1	0.05	29.00	0.00	0.00	100.00	0.00	-29.00	p22
4	5	0.95	0	0	5	4.1	0.05	30.00	0.00	0.00	100.00	0.00	-30.00	p22
4	5	0.96	0	0	5	4.1	0.05	31.50	0.00	0.00	100.00	0.00	-31.50	p22
4	5	0.97	0	0	5	4.1	0.05	34.00	0.00	0.00	100.00	0.00	-34.00	p22
4	5	0.98	0	0	5	4.1	0.05	39.00	0.00	0.00	100.00	0.00	-39.00	p22
4	5	0.99	0	0	5	4.1	0.05	54.00	0.00	0.00	100.00	0.00	-54.00	p22
4	10	0.85	0	2	16	1.1	1.36	113.06	6.21	6.21	61.17	367.04	253.98	p22
4	10	0.86	0	2	16	1.1	1.36	116.94	6.21	6.21	61.17	367.04	250.10	p22
4	10	0.87	0	2	16	1.1	1.36	121.42	6.21	6.21	61.17	367.04	245.62	p22
4	10	0.88	0	3	16	1.7	0.89	139.09	6.21	6.21	61.17	380.03	240.94	p22
4	10	0.89	0	3	16	1.7	0.89	143.12	6.21	6.21	61.17	380.03	236.91	p22
4	10	0.9	0	3	16	1.7	0.89	147.96	6.21	6.21	61.17	380.03	232.07	p22
4	10	0.91	0	3	16	1.7	0.89	153.87	6.21	6.21	61.17	380.03	226.16	p22
4	10	0.92	0	3	16	1.7	0.89	161.26	6.21	6.21	61.17	380.03	218.76	p22
4	10	0.93	0	3	16	1.7	0.89	170.77	6.21	6.21	61.17	380.03	209.26	p22
4	10	0.94	0	4	16	2.3	0.52	182.32	6.21	6.21	61.17	380.03	197.71	p22
4	10	0.95	0	4	16	2.3	0.52	192.64	6.21	6.21	61.17	380.03	187.39	p22
4	10	0.96	0	5	16	3.0	0.24	203.43	6.21	6.21	61.17	380.03	176.59	p22
4	10	0.97	0	5	16	3.0	0.24	215.67	6.21	6.21	61.17	380.03	164.36	p22
4	10	0.98	0	6	16	3.9	0.07	224.77	6.21	6.21	61.17	380.03	155.25	p22
4	10	0.99	0	7	16	4.8	0.00	240.08	6.21	6.21	61.17	380.03	139.95	p22
4	15	0.85	4	2	21	1.2	1.28	190.85	10.06	10.06	52.10	520.96	330.11	p22
4	15	0.86	4	2	21	1.2	1.28	194.50	10.06	10.06	52.10	520.96	326.45	p22
4	15	0.87	4	2	21	1.2	1.28	198.72	10.06	10.06	52.10	520.96	322.23	p22
4	15	0.88	4	2	21	1.2	1.28	203.65	10.06	10.06	52.10	520.96	317.31	p22
4	15	0.89	4	2	21	1.2	1.28	209.47	10.06	10.06	52.10	520.96	311.49	p22
4	15	0.9	4	2	21	1.2	1.28	216.45	10.06	10.06	52.10	520.96	304.51	p22
4	15	0.91	4	2	21	1.2	1.28	224.98	10.06	10.06	52.10	520.96	295.97	p22
4	15	0.92	4	3	21	1.8	0.82	237.45	10.06	10.06	52.10	524.08	286.63	p22
4	15	0.93	4	3	21	1.8	0.82	246.28	10.06	10.06	52.10	524.08	277.80	p22
4	15	0.94	4	3	21	1.8	0.82	258.06	10.06	10.06	52.10	524.08	266.02	p22
4	15	0.95	4	4	21	2.4	0.47	267.82	10.06	10.06	52.10	524.08	256.26	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
4	15	0.96	4	5	21	3.2	0.21	279.47	10.06	10.06	52.10	524.08	244.61	p22
4	15	0.97	4	5	21	3.2	0.21	290.07	10.06	10.06	52.10	524.08	234.01	p22
4	15	0.98	4	6	21	4.0	0.06	300.49	10.06	10.06	52.10	524.08	223.59	p22
4	15	0.99	4	6	20	4.7	0.00	290.42	9.26	9.26	53.72	497.23	206.80	p22
4	20	0.85	8	0	23	1.4	1.11	206.19	11.72	11.72	49.06	574.80	368.61	p22
4	20	0.86	8	0	23	1.4	1.11	209.37	11.72	11.72	49.06	574.80	365.43	p22
4	20	0.87	8	0	23	1.4	1.11	213.04	11.72	11.72	49.06	574.80	361.76	p22
4	20	0.88	8	0	23	1.4	1.11	217.31	11.72	11.72	49.06	574.80	357.48	p22
4	20	0.89	8	0	23	1.4	1.11	222.37	11.72	11.72	49.06	574.80	352.43	p22
4	20	0.9	8	0	23	1.4	1.11	228.44	11.72	11.72	49.06	574.80	346.36	p22
4	20	0.91	8	0	23	1.4	1.11	235.85	11.72	11.72	49.06	574.80	338.95	p22
4	20	0.92	8	0	23	1.4	1.11	245.12	11.72	11.72	49.06	574.80	329.68	p22
4	20	0.93	8	0	22	1.9	0.75	231.26	10.88	10.88	50.54	549.94	318.68	p22
4	20	0.94	8	1	23	2.0	0.69	266.76	11.72	11.72	49.06	574.80	308.04	p22
4	20	0.95	9	0	21	3.2	0.21	223.10	10.06	10.06	52.10	524.08	300.98	p22
4	20	0.96	9	0	21	3.2	0.21	229.47	10.06	10.06	52.10	524.08	294.61	p22
4	20	0.97	9	0	21	3.2	0.21	240.07	10.06	10.06	52.10	524.08	284.01	p22
4	20	0.98	9	1	21	4.0	0.06	250.49	10.06	10.06	52.10	524.08	273.59	p22
4	20	0.99	9	1	20	4.7	0.00	240.42	9.26	9.26	53.72	497.23	256.80	p22
4	25	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	25	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	25	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	25	0.88	13	0	29	1.2	1.26	322.82	17.02	17.02	41.32	702.46	379.64	p22
4	25	0.89	13	0	29	1.2	1.26	328.54	17.02	17.02	41.32	702.46	373.92	p22
4	25	0.9	13	0	28	1.7	0.84	315.87	16.10	16.10	42.49	684.22	368.35	p22
4	25	0.91	13	0	28	1.7	0.84	321.48	16.10	16.10	42.49	684.22	362.74	p22
4	25	0.92	13	0	28	1.7	0.84	328.49	16.10	16.10	42.49	684.22	355.73	p22
4	25	0.93	13	0	27	2.3	0.51	314.67	15.20	15.20	43.71	664.31	349.64	p22
4	25	0.94	13	0	27	2.3	0.51	321.98	15.20	15.20	43.71	664.31	342.33	p22
4	25	0.95	13	0	26	3.0	0.27	308.13	14.31	14.31	44.97	643.41	335.28	p22
4	25	0.96	13	0	26	3.0	0.27	316.12	14.31	14.31	44.97	643.41	327.29	p22
4	25	0.97	13	0	25	3.7	0.10	301.89	13.43	13.43	46.28	621.53	319.64	p22
4	25	0.98	13	0	25	3.7	0.10	312.13	13.43	13.43	46.28	621.53	309.40	p22
4	25	0.99	13	0	24	4.4	0.02	296.24	12.57	12.57	47.64	598.66	302.42	p22
4	30	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	30	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	30	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	30	0.88	14	0	30	1.3	1.22	341.43	17.94	17.94	40.19	721.13	379.70	p22
4	30	0.89	14	0	30	1.3	1.22	346.98	17.94	17.94	40.19	721.13	374.15	p22
4	30	0.9	14	0	29	1.8	0.81	334.30	17.02	17.02	41.32	703.16	368.85	p22
4	30	0.91	14	0	29	1.8	0.81	339.68	17.02	17.02	41.32	703.16	363.48	p22
4	30	0.92	15	0	29	2.4	0.46	346.03	17.02	17.02	41.32	703.16	357.13	p22
4	30	0.93	15	0	29	2.4	0.46	350.91	17.02	17.02	41.32	703.16	352.25	p22
4	30	0.94	15	0	29	2.4	0.46	357.41	17.02	17.02	41.32	703.16	345.75	p22
4	30	0.95	16	0	29	3.2	0.20	362.31	17.02	17.02	41.32	703.16	340.85	p22
4	30	0.96	16	0	29	3.2	0.20	368.41	17.02	17.02	41.32	703.16	334.75	p22
4	30	0.97	17	0	29	4.0	0.05	374.24	17.02	17.02	41.32	703.16	328.92	p22
4	30	0.98	17	0	29	4.0	0.05	379.41	17.02	17.02	41.32	703.16	323.75	p22
4	30	0.99	17	0	28	4.9	0.00	369.70	16.10	16.10	42.49	684.22	314.52	p22
4	35	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	35	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	35	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	35	0.88	14	0	30	1.3	1.22	341.43	17.94	17.94	40.19	721.13	379.70	p22
4	35	0.89	14	0	30	1.3	1.22	346.98	17.94	17.94	40.19	721.13	374.15	p22
4	35	0.9	14	0	29	1.8	0.81	334.30	17.02	17.02	41.32	703.16	368.85	p22
4	35	0.91	14	0	29	1.8	0.81	339.68	17.02	17.02	41.32	703.16	363.48	p22
4	35	0.92	15	0	29	2.4	0.46	346.03	17.02	17.02	41.32	703.16	357.13	p22
4	35	0.93	15	0	29	2.4	0.46	350.91	17.02	17.02	41.32	703.16	352.25	p22
4	35	0.94	15	0	29	2.4	0.46	357.41	17.02	17.02	41.32	703.16	345.75	p22
4	35	0.95	16	0	29	3.2	0.20	362.31	17.02	17.02	41.32	703.16	340.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
4	35	0.96	16	0	29	3.2	0.20	368.41	17.02	17.02	41.32	703.16	334.75	p22
4	35	0.97	17	0	29	4.0	0.05	374.24	17.02	17.02	41.32	703.16	328.92	p22
4	35	0.98	17	0	29	4.0	0.05	379.41	17.02	17.02	41.32	703.16	323.75	p22
4	35	0.99	17	0	28	4.9	0.00	369.70	16.10	16.10	42.49	684.22	314.52	p22
4	40	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	40	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	40	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	40	0.88	14	0	30	1.3	1.22	341.43	17.94	17.94	40.19	721.13	379.70	p22
4	40	0.89	14	0	30	1.3	1.22	346.98	17.94	17.94	40.19	721.13	374.15	p22
4	40	0.9	14	0	29	1.8	0.81	334.30	17.02	17.02	41.32	703.16	368.85	p22
4	40	0.91	14	0	29	1.8	0.81	339.68	17.02	17.02	41.32	703.16	363.48	p22
4	40	0.92	15	0	29	2.4	0.46	346.03	17.02	17.02	41.32	703.16	357.13	p22
4	40	0.93	15	0	29	2.4	0.46	350.91	17.02	17.02	41.32	703.16	352.25	p22
4	40	0.94	15	0	29	2.4	0.46	357.41	17.02	17.02	41.32	703.16	345.75	p22
4	40	0.95	16	0	29	3.2	0.20	362.31	17.02	17.02	41.32	703.16	340.85	p22
4	40	0.96	16	0	29	3.2	0.20	368.41	17.02	17.02	41.32	703.16	334.75	p22
4	40	0.97	17	0	29	4.0	0.05	374.24	17.02	17.02	41.32	703.16	328.92	p22
4	40	0.98	17	0	29	4.0	0.05	379.41	17.02	17.02	41.32	703.16	323.75	p22
4	40	0.99	17	0	28	4.9	0.00	369.70	16.10	16.10	42.49	684.22	314.52	p22
4	45	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	45	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	45	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	45	0.88	14	0	30	1.3	1.22	341.43	17.94	17.94	40.19	721.13	379.70	p22
4	45	0.89	14	0	30	1.3	1.22	346.98	17.94	17.94	40.19	721.13	374.15	p22
4	45	0.9	14	0	29	1.8	0.81	334.30	17.02	17.02	41.32	703.16	368.85	p22
4	45	0.91	14	0	29	1.8	0.81	339.68	17.02	17.02	41.32	703.16	363.48	p22
4	45	0.92	15	0	29	2.4	0.46	346.03	17.02	17.02	41.32	703.16	357.13	p22
4	45	0.93	15	0	29	2.4	0.46	350.91	17.02	17.02	41.32	703.16	352.25	p22
4	45	0.94	15	0	29	2.4	0.46	357.41	17.02	17.02	41.32	703.16	345.75	p22
4	45	0.95	16	0	29	3.2	0.20	362.31	17.02	17.02	41.32	703.16	340.85	p22
4	45	0.96	16	0	29	3.2	0.20	368.41	17.02	17.02	41.32	703.16	334.75	p22
4	45	0.97	17	0	29	4.0	0.05	374.24	17.02	17.02	41.32	703.16	328.92	p22
4	45	0.98	17	0	29	4.0	0.05	379.41	17.02	17.02	41.32	703.16	323.75	p22
4	45	0.99	17	0	28	4.9	0.00	369.70	16.10	16.10	42.49	684.22	314.52	p22
4	50	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	50	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	50	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	50	0.88	14	0	30	1.3	1.22	341.43	17.94	17.94	40.19	721.13	379.70	p22
4	50	0.89	14	0	30	1.3	1.22	346.98	17.94	17.94	40.19	721.13	374.15	p22
4	50	0.9	14	0	29	1.8	0.81	334.30	17.02	17.02	41.32	703.16	368.85	p22
4	50	0.91	14	0	29	1.8	0.81	339.68	17.02	17.02	41.32	703.16	363.48	p22
4	50	0.92	15	0	29	2.4	0.46	346.03	17.02	17.02	41.32	703.16	357.13	p22
4	50	0.93	15	0	29	2.4	0.46	350.91	17.02	17.02	41.32	703.16	352.25	p22
4	50	0.94	15	0	29	2.4	0.46	357.41	17.02	17.02	41.32	703.16	345.75	p22
4	50	0.95	16	0	29	3.2	0.20	362.31	17.02	17.02	41.32	703.16	340.85	p22
4	50	0.96	16	0	29	3.2	0.20	368.41	17.02	17.02	41.32	703.16	334.75	p22
4	50	0.97	17	0	29	4.0	0.05	374.24	17.02	17.02	41.32	703.16	328.92	p22
4	50	0.98	17	0	29	4.0	0.05	379.41	17.02	17.02	41.32	703.16	323.75	p22
4	50	0.99	17	0	28	4.9	0.00	369.70	16.10	16.10	42.49	684.22	314.52	p22
4	55	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	55	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	55	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	55	0.88	14	0	30	1.3	1.22	341.43	17.94	17.94	40.19	721.13	379.70	p22
4	55	0.89	14	0	30	1.3	1.22	346.98	17.94	17.94	40.19	721.13	374.15	p22
4	55	0.9	14	0	29	1.8	0.81	334.30	17.02	17.02	41.32	703.16	368.85	p22
4	55	0.91	14	0	29	1.8	0.81	339.68	17.02	17.02	41.32	703.16	363.48	p22
4	55	0.92	15	0	29	2.4	0.46	346.03	17.02	17.02	41.32	703.16	357.13	p22
4	55	0.93	15	0	29	2.4	0.46	350.91	17.02	17.02	41.32	703.16	352.25	p22
4	55	0.94	15	0	29	2.4	0.46	357.41	17.02	17.02	41.32	703.16	345.75	p22
4	55	0.95	16	0	29	3.2	0.20	362.31	17.02	17.02	41.32	703.16	340.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
4	55	0.96	16	0	29	3.2	0.20	368.41	17.02	17.02	41.32	703.16	334.75	p22
4	55	0.97	17	0	29	4.0	0.05	374.24	17.02	17.02	41.32	703.16	328.92	p22
4	55	0.98	17	0	29	4.0	0.05	379.41	17.02	17.02	41.32	703.16	323.75	p22
4	55	0.99	17	0	28	4.9	0.00	369.70	16.10	16.10	42.49	684.22	314.52	p22
4	60	0.85	13	0	29	1.2	1.26	310.24	17.02	17.02	41.32	702.46	392.23	p22
4	60	0.86	13	0	29	1.2	1.26	313.83	17.02	17.02	41.32	702.46	388.63	p22
4	60	0.87	13	0	29	1.2	1.26	317.98	17.02	17.02	41.32	702.46	384.48	p22
4	60	0.88	14	0	30	1.3	1.22	341.43	17.94	17.94	40.19	721.13	379.70	p22
4	60	0.89	14	0	30	1.3	1.22	346.98	17.94	17.94	40.19	721.13	374.15	p22
4	60	0.9	14	0	29	1.8	0.81	334.30	17.02	17.02	41.32	703.16	368.85	p22
4	60	0.91	14	0	29	1.8	0.81	339.68	17.02	17.02	41.32	703.16	363.48	p22
4	60	0.92	15	0	29	2.4	0.46	346.03	17.02	17.02	41.32	703.16	357.13	p22
4	60	0.93	15	0	29	2.4	0.46	350.91	17.02	17.02	41.32	703.16	352.25	p22
4	60	0.94	15	0	29	2.4	0.46	357.41	17.02	17.02	41.32	703.16	345.75	p22
4	60	0.95	16	0	29	3.2	0.20	362.31	17.02	17.02	41.32	703.16	340.85	p22
4	60	0.96	16	0	29	3.2	0.20	368.41	17.02	17.02	41.32	703.16	334.75	p22
4	60	0.97	17	0	29	4.0	0.05	374.24	17.02	17.02	41.32	703.16	328.92	p22
4	60	0.98	17	0	29	4.0	0.05	379.41	17.02	17.02	41.32	703.16	323.75	p22
4	60	0.99	17	0	28	4.9	0.00	369.70	16.10	16.10	42.49	684.22	314.52	p22
5	0	0.85	0	91	100	0.1	4.05	2868.00	100.00	100.00	0.00	0.00	-2868.00	p22
5	0	0.86	0	92	100	0.2	3.20	2879.14	100.00	100.00	0.00	0.00	-2879.14	p22
5	0	0.87	0	92	100	0.2	3.20	2889.69	100.00	100.00	0.00	0.00	-2889.69	p22
5	0	0.88	0	93	100	0.5	2.45	2900.50	100.00	100.00	0.00	0.00	-2900.50	p22
5	0	0.89	0	93	100	0.5	2.45	2911.64	100.00	100.00	0.00	0.00	-2911.64	p22
5	0	0.9	0	94	100	0.8	1.80	2922.00	100.00	100.00	0.00	0.00	-2922.00	p22
5	0	0.91	0	95	100	1.3	1.25	2933.33	100.00	100.00	0.00	0.00	-2933.33	p22
5	0	0.92	0	95	100	1.3	1.25	2943.75	100.00	100.00	0.00	0.00	-2943.75	p22
5	0	0.93	0	96	100	1.8	0.80	2954.57	100.00	100.00	0.00	0.00	-2954.57	p22
5	0	0.94	0	96	100	1.8	0.80	2966.00	100.00	100.00	0.00	0.00	-2966.00	p22
5	0	0.95	0	97	100	2.5	0.45	2976.00	100.00	100.00	0.00	0.00	-2976.00	p22
5	0	0.96	0	98	100	3.2	0.20	2988.00	100.00	100.00	0.00	0.00	-2988.00	p22
5	0	0.97	0	98	100	3.2	0.20	2998.00	100.00	100.00	0.00	0.00	-2998.00	p22
5	0	0.98	0	99	100	4.1	0.05	3009.00	100.00	100.00	0.00	0.00	-3009.00	p22
5	0	0.99	0	99	100	4.1	0.05	3024.00	100.00	100.00	0.00	0.00	-3024.00	p22
5	5	0.85	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.86	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.87	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.88	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.89	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.9	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.91	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.92	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.93	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.94	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.95	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.96	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.97	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.98	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	5	0.99	0	0	5	5.0	0.00	30.00	0.00	0.00	100.00	0.00	-30.00	p22
5	10	0.85	0	1	16	1.1	1.36	83.06	6.21	6.21	61.17	367.04	283.98	p22
5	10	0.86	0	1	16	1.1	1.36	86.94	6.21	6.21	61.17	367.04	280.10	p22
5	10	0.87	0	1	16	1.1	1.36	91.42	6.21	6.21	61.17	367.04	275.62	p22
5	10	0.88	0	2	16	1.7	0.89	109.09	6.21	6.21	61.17	380.03	270.94	p22
5	10	0.89	0	2	16	1.7	0.89	113.12	6.21	6.21	61.17	380.03	266.91	p22
5	10	0.9	0	2	16	1.7	0.89	117.96	6.21	6.21	61.17	380.03	262.07	p22
5	10	0.91	0	2	16	1.7	0.89	123.87	6.21	6.21	61.17	380.03	256.16	p22
5	10	0.92	0	2	16	1.7	0.89	131.26	6.21	6.21	61.17	380.03	248.76	p22
5	10	0.93	0	2	16	1.7	0.89	140.77	6.21	6.21	61.17	380.03	239.26	p22
5	10	0.94	0	3	16	2.3	0.52	152.32	6.21	6.21	61.17	380.03	227.71	p22
5	10	0.95	0	3	16	2.3	0.52	162.64	6.21	6.21	61.17	380.03	217.39	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
5	10	0.96	0	4	16	3.0	0.24	173.43	6.21	6.21	61.17	380.03	206.59	p22
5	10	0.97	0	4	16	3.0	0.24	185.67	6.21	6.21	61.17	380.03	194.36	p22
5	10	0.98	0	5	16	3.9	0.07	194.77	6.21	6.21	61.17	380.03	185.25	p22
5	10	0.99	0	6	16	4.8	0.00	210.08	6.21	6.21	61.17	380.03	169.95	p22
5	15	0.85	4	1	21	1.2	1.28	160.85	10.06	10.06	52.10	520.96	360.11	p22
5	15	0.86	4	1	21	1.2	1.28	164.50	10.06	10.06	52.10	520.96	356.45	p22
5	15	0.87	4	1	21	1.2	1.28	168.72	10.06	10.06	52.10	520.96	352.23	p22
5	15	0.88	4	1	21	1.2	1.28	173.65	10.06	10.06	52.10	520.96	347.31	p22
5	15	0.89	4	1	21	1.2	1.28	179.47	10.06	10.06	52.10	520.96	341.49	p22
5	15	0.9	4	1	21	1.2	1.28	186.45	10.06	10.06	52.10	520.96	334.51	p22
5	15	0.91	4	1	21	1.2	1.28	194.98	10.06	10.06	52.10	520.96	325.97	p22
5	15	0.92	4	2	21	1.8	0.82	207.45	10.06	10.06	52.10	524.08	316.63	p22
5	15	0.93	4	2	21	1.8	0.82	216.28	10.06	10.06	52.10	524.08	307.80	p22
5	15	0.94	4	2	21	1.8	0.82	228.06	10.06	10.06	52.10	524.08	296.02	p22
5	15	0.95	4	3	21	2.4	0.47	237.82	10.06	10.06	52.10	524.08	286.26	p22
5	15	0.96	4	4	21	3.2	0.21	249.47	10.06	10.06	52.10	524.08	274.61	p22
5	15	0.97	4	4	21	3.2	0.21	260.07	10.06	10.06	52.10	524.08	264.01	p22
5	15	0.98	4	5	21	4.0	0.06	270.49	10.06	10.06	52.10	524.08	253.59	p22
5	15	0.99	4	5	20	4.7	0.00	260.42	9.26	9.26	53.72	497.23	236.80	p22
5	20	0.85	8	0	24	1.5	1.04	204.31	12.57	12.57	47.64	598.66	394.35	p22
5	20	0.86	8	0	24	1.5	1.04	207.29	12.57	12.57	47.64	598.66	391.37	p22
5	20	0.87	8	0	24	1.5	1.04	210.73	12.57	12.57	47.64	598.66	387.93	p22
5	20	0.88	8	0	24	1.5	1.04	214.74	12.57	12.57	47.64	598.66	383.92	p22
5	20	0.89	8	0	24	1.5	1.04	219.48	12.57	12.57	47.64	598.66	379.18	p22
5	20	0.9	8	0	24	1.5	1.04	225.17	12.57	12.57	47.64	598.66	373.50	p22
5	20	0.91	8	0	24	1.5	1.04	232.12	12.57	12.57	47.64	598.66	366.54	p22
5	20	0.92	8	0	24	1.5	1.04	240.81	12.57	12.57	47.64	598.66	357.85	p22
5	20	0.93	8	0	23	2.0	0.69	226.90	11.72	11.72	49.06	574.80	347.90	p22
5	20	0.94	8	0	23	2.0	0.69	236.76	11.72	11.72	49.06	574.80	338.04	p22
5	20	0.95	8	0	22	2.5	0.41	222.50	10.88	10.88	50.54	549.94	327.43	p22
5	20	0.96	8	1	23	2.7	0.37	259.04	11.72	11.72	49.06	574.80	315.75	p22
5	20	0.97	9	0	21	4.0	0.06	214.88	10.06	10.06	52.10	524.08	309.20	p22
5	20	0.98	9	0	21	4.0	0.06	220.49	10.06	10.06	52.10	524.08	303.59	p22
5	20	0.99	9	0	20	4.7	0.00	210.42	9.26	9.26	53.72	497.23	286.80	p22
5	25	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	25	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	25	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	25	0.88	12	0	29	1.2	1.26	302.82	17.02	17.02	41.32	702.46	399.64	p22
5	25	0.89	12	0	29	1.2	1.26	308.54	17.02	17.02	41.32	702.46	393.92	p22
5	25	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	25	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	25	0.92	13	0	29	1.8	0.81	326.41	17.02	17.02	41.32	703.16	376.75	p22
5	25	0.93	13	0	28	2.4	0.48	312.63	16.10	16.10	42.49	684.22	371.59	p22
5	25	0.94	13	0	28	2.4	0.48	319.50	16.10	16.10	42.49	684.22	364.72	p22
5	25	0.95	13	0	27	3.0	0.24	305.82	15.20	15.20	43.71	664.31	358.48	p22
5	25	0.96	13	0	27	3.0	0.24	313.08	15.20	15.20	43.71	664.31	351.23	p22
5	25	0.97	13	0	26	3.8	0.09	299.28	14.31	14.31	44.97	643.41	344.14	p22
5	25	0.98	13	0	26	3.8	0.09	307.84	14.31	14.31	44.97	643.41	335.57	p22
5	25	0.99	13	0	25	4.6	0.01	292.99	13.43	13.43	46.28	621.53	328.54	p22
5	30	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	30	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	30	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	30	0.88	13	0	30	1.3	1.22	321.43	17.94	17.94	40.19	721.13	399.70	p22
5	30	0.89	13	0	30	1.3	1.22	326.98	17.94	17.94	40.19	721.13	394.15	p22
5	30	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	30	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	30	0.92	14	0	29	2.4	0.46	326.03	17.02	17.02	41.32	703.16	377.13	p22
5	30	0.93	14	0	29	2.4	0.46	330.91	17.02	17.02	41.32	703.16	372.25	p22
5	30	0.94	14	0	29	2.4	0.46	337.41	17.02	17.02	41.32	703.16	365.75	p22
5	30	0.95	15	0	29	3.2	0.20	342.31	17.02	17.02	41.32	703.16	360.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
5	30	0.96	15	0	29	3.2	0.20	348.41	17.02	17.02	41.32	703.16	354.75	p22
5	30	0.97	16	0	29	4.0	0.05	354.24	17.02	17.02	41.32	703.16	348.92	p22
5	30	0.98	16	0	29	4.0	0.05	359.41	17.02	17.02	41.32	703.16	343.75	p22
5	30	0.99	16	0	28	4.9	0.00	349.70	16.10	16.10	42.49	684.22	334.52	p22
5	35	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	35	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	35	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	35	0.88	13	0	30	1.3	1.22	321.43	17.94	17.94	40.19	721.13	399.70	p22
5	35	0.89	13	0	30	1.3	1.22	326.98	17.94	17.94	40.19	721.13	394.15	p22
5	35	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	35	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	35	0.92	14	0	29	2.4	0.46	326.03	17.02	17.02	41.32	703.16	377.13	p22
5	35	0.93	14	0	29	2.4	0.46	330.91	17.02	17.02	41.32	703.16	372.25	p22
5	35	0.94	14	0	29	2.4	0.46	337.41	17.02	17.02	41.32	703.16	365.75	p22
5	35	0.95	15	0	29	3.2	0.20	342.31	17.02	17.02	41.32	703.16	360.85	p22
5	35	0.96	15	0	29	3.2	0.20	348.41	17.02	17.02	41.32	703.16	354.75	p22
5	35	0.97	16	0	29	4.0	0.05	354.24	17.02	17.02	41.32	703.16	348.92	p22
5	35	0.98	16	0	29	4.0	0.05	359.41	17.02	17.02	41.32	703.16	343.75	p22
5	35	0.99	16	0	28	4.9	0.00	349.70	16.10	16.10	42.49	684.22	334.52	p22
5	40	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	40	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	40	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	40	0.88	13	0	30	1.3	1.22	321.43	17.94	17.94	40.19	721.13	399.70	p22
5	40	0.89	13	0	30	1.3	1.22	326.98	17.94	17.94	40.19	721.13	394.15	p22
5	40	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	40	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	40	0.92	14	0	29	2.4	0.46	326.03	17.02	17.02	41.32	703.16	377.13	p22
5	40	0.93	14	0	29	2.4	0.46	330.91	17.02	17.02	41.32	703.16	372.25	p22
5	40	0.94	14	0	29	2.4	0.46	337.41	17.02	17.02	41.32	703.16	365.75	p22
5	40	0.95	15	0	29	3.2	0.20	342.31	17.02	17.02	41.32	703.16	360.85	p22
5	40	0.96	15	0	29	3.2	0.20	348.41	17.02	17.02	41.32	703.16	354.75	p22
5	40	0.97	16	0	29	4.0	0.05	354.24	17.02	17.02	41.32	703.16	348.92	p22
5	40	0.98	16	0	29	4.0	0.05	359.41	17.02	17.02	41.32	703.16	343.75	p22
5	40	0.99	16	0	28	4.9	0.00	349.70	16.10	16.10	42.49	684.22	334.52	p22
5	45	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	45	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	45	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	45	0.88	13	0	30	1.3	1.22	321.43	17.94	17.94	40.19	721.13	399.70	p22
5	45	0.89	13	0	30	1.3	1.22	326.98	17.94	17.94	40.19	721.13	394.15	p22
5	45	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	45	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	45	0.92	14	0	29	2.4	0.46	326.03	17.02	17.02	41.32	703.16	377.13	p22
5	45	0.93	14	0	29	2.4	0.46	330.91	17.02	17.02	41.32	703.16	372.25	p22
5	45	0.94	14	0	29	2.4	0.46	337.41	17.02	17.02	41.32	703.16	365.75	p22
5	45	0.95	15	0	29	3.2	0.20	342.31	17.02	17.02	41.32	703.16	360.85	p22
5	45	0.96	15	0	29	3.2	0.20	348.41	17.02	17.02	41.32	703.16	354.75	p22
5	45	0.97	16	0	29	4.0	0.05	354.24	17.02	17.02	41.32	703.16	348.92	p22
5	45	0.98	16	0	29	4.0	0.05	359.41	17.02	17.02	41.32	703.16	343.75	p22
5	45	0.99	16	0	28	4.9	0.00	349.70	16.10	16.10	42.49	684.22	334.52	p22
5	50	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	50	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	50	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	50	0.88	13	0	30	1.3	1.22	321.43	17.94	17.94	40.19	721.13	399.70	p22
5	50	0.89	13	0	30	1.3	1.22	326.98	17.94	17.94	40.19	721.13	394.15	p22
5	50	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	50	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	50	0.92	14	0	29	2.4	0.46	326.03	17.02	17.02	41.32	703.16	377.13	p22
5	50	0.93	14	0	29	2.4	0.46	330.91	17.02	17.02	41.32	703.16	372.25	p22
5	50	0.94	14	0	29	2.4	0.46	337.41	17.02	17.02	41.32	703.16	365.75	p22
5	50	0.95	15	0	29	3.2	0.20	342.31	17.02	17.02	41.32	703.16	360.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
5	50	0.96	15	0	29	3.2	0.20	348.41	17.02	17.02	41.32	703.16	354.75	p22
5	50	0.97	16	0	29	4.0	0.05	354.24	17.02	17.02	41.32	703.16	348.92	p22
5	50	0.98	16	0	29	4.0	0.05	359.41	17.02	17.02	41.32	703.16	343.75	p22
5	50	0.99	16	0	28	4.9	0.00	349.70	16.10	16.10	42.49	684.22	334.52	p22
5	55	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	55	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	55	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	55	0.88	13	0	30	1.3	1.22	321.43	17.94	17.94	40.19	721.13	399.70	p22
5	55	0.89	13	0	30	1.3	1.22	326.98	17.94	17.94	40.19	721.13	394.15	p22
5	55	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	55	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	55	0.92	14	0	29	2.4	0.46	326.03	17.02	17.02	41.32	703.16	377.13	p22
5	55	0.93	14	0	29	2.4	0.46	330.91	17.02	17.02	41.32	703.16	372.25	p22
5	55	0.94	14	0	29	2.4	0.46	337.41	17.02	17.02	41.32	703.16	365.75	p22
5	55	0.95	15	0	29	3.2	0.20	342.31	17.02	17.02	41.32	703.16	360.85	p22
5	55	0.96	15	0	29	3.2	0.20	348.41	17.02	17.02	41.32	703.16	354.75	p22
5	55	0.97	16	0	29	4.0	0.05	354.24	17.02	17.02	41.32	703.16	348.92	p22
5	55	0.98	16	0	29	4.0	0.05	359.41	17.02	17.02	41.32	703.16	343.75	p22
5	55	0.99	16	0	28	4.9	0.00	349.70	16.10	16.10	42.49	684.22	334.52	p22
5	60	0.85	12	0	29	1.2	1.26	290.24	17.02	17.02	41.32	702.46	412.23	p22
5	60	0.86	12	0	29	1.2	1.26	293.83	17.02	17.02	41.32	702.46	408.63	p22
5	60	0.87	12	0	29	1.2	1.26	297.98	17.02	17.02	41.32	702.46	404.48	p22
5	60	0.88	13	0	30	1.3	1.22	321.43	17.94	17.94	40.19	721.13	399.70	p22
5	60	0.89	13	0	30	1.3	1.22	326.98	17.94	17.94	40.19	721.13	394.15	p22
5	60	0.9	13	0	29	1.8	0.81	314.30	17.02	17.02	41.32	703.16	388.85	p22
5	60	0.91	13	0	29	1.8	0.81	319.68	17.02	17.02	41.32	703.16	383.48	p22
5	60	0.92	14	0	29	2.4	0.46	326.03	17.02	17.02	41.32	703.16	377.13	p22
5	60	0.93	14	0	29	2.4	0.46	330.91	17.02	17.02	41.32	703.16	372.25	p22
5	60	0.94	14	0	29	2.4	0.46	337.41	17.02	17.02	41.32	703.16	365.75	p22
5	60	0.95	15	0	29	3.2	0.20	342.31	17.02	17.02	41.32	703.16	360.85	p22
5	60	0.96	15	0	29	3.2	0.20	348.41	17.02	17.02	41.32	703.16	354.75	p22
5	60	0.97	16	0	29	4.0	0.05	354.24	17.02	17.02	41.32	703.16	348.92	p22
5	60	0.98	16	0	29	4.0	0.05	359.41	17.02	17.02	41.32	703.16	343.75	p22
5	60	0.99	16	0	28	4.9	0.00	349.70	16.10	16.10	42.49	684.22	334.52	p22
6	0	0.85	0	90	100	0.1	4.05	2838.00	100.00	100.00	0.00	0.00	-2838.00	p22
6	0	0.86	0	91	100	0.2	3.20	2849.14	100.00	100.00	0.00	0.00	-2849.14	p22
6	0	0.87	0	91	100	0.2	3.20	2859.69	100.00	100.00	0.00	0.00	-2859.69	p22
6	0	0.88	0	92	100	0.5	2.45	2870.50	100.00	100.00	0.00	0.00	-2870.50	p22
6	0	0.89	0	92	100	0.5	2.45	2881.64	100.00	100.00	0.00	0.00	-2881.64	p22
6	0	0.9	0	93	100	0.8	1.80	2892.00	100.00	100.00	0.00	0.00	-2892.00	p22
6	0	0.91	0	94	100	1.3	1.25	2903.33	100.00	100.00	0.00	0.00	-2903.33	p22
6	0	0.92	0	94	100	1.3	1.25	2913.75	100.00	100.00	0.00	0.00	-2913.75	p22
6	0	0.93	0	95	100	1.8	0.80	2924.57	100.00	100.00	0.00	0.00	-2924.57	p22
6	0	0.94	0	95	100	1.8	0.80	2936.00	100.00	100.00	0.00	0.00	-2936.00	p22
6	0	0.95	0	96	100	2.5	0.45	2946.00	100.00	100.00	0.00	0.00	-2946.00	p22
6	0	0.96	0	97	100	3.2	0.20	2958.00	100.00	100.00	0.00	0.00	-2958.00	p22
6	0	0.97	0	97	100	3.2	0.20	2968.00	100.00	100.00	0.00	0.00	-2968.00	p22
6	0	0.98	0	98	100	4.1	0.05	2979.00	100.00	100.00	0.00	0.00	-2979.00	p22
6	0	0.99	0	98	100	4.1	0.05	2994.00	100.00	100.00	0.00	0.00	-2994.00	p22
6	5	0.85	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.86	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.87	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.88	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.89	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.9	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.91	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.92	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.93	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.94	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.95	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
6	5	0.96	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.97	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.98	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	5	0.99	0	0	5	6.1	0.00	36.30	0.00	0.00	100.00	0.00	-36.30	p22
6	10	0.85	0	0	16	1.1	1.36	53.06	6.21	6.21	61.17	367.04	313.98	p22
6	10	0.86	0	0	16	1.1	1.36	56.94	6.21	6.21	61.17	367.04	310.10	p22
6	10	0.87	0	0	16	1.1	1.36	61.42	6.21	6.21	61.17	367.04	305.62	p22
6	10	0.88	0	1	16	1.7	0.89	79.09	6.21	6.21	61.17	380.03	300.94	p22
6	10	0.89	0	1	16	1.7	0.89	83.12	6.21	6.21	61.17	380.03	296.91	p22
6	10	0.9	0	1	16	1.7	0.89	87.96	6.21	6.21	61.17	380.03	292.07	p22
6	10	0.91	0	1	16	1.7	0.89	93.87	6.21	6.21	61.17	380.03	286.16	p22
6	10	0.92	0	1	16	1.7	0.89	101.26	6.21	6.21	61.17	380.03	278.76	p22
6	10	0.93	0	1	16	1.7	0.89	110.77	6.21	6.21	61.17	380.03	269.26	p22
6	10	0.94	0	2	16	2.3	0.52	122.32	6.21	6.21	61.17	380.03	257.71	p22
6	10	0.95	0	2	16	2.3	0.52	132.64	6.21	6.21	61.17	380.03	247.39	p22
6	10	0.96	0	3	16	3.0	0.24	143.43	6.21	6.21	61.17	380.03	236.59	p22
6	10	0.97	0	3	16	3.0	0.24	155.67	6.21	6.21	61.17	380.03	224.36	p22
6	10	0.98	0	4	16	3.9	0.07	164.77	6.21	6.21	61.17	380.03	215.25	p22
6	10	0.99	0	5	16	4.8	0.00	180.08	6.21	6.21	61.17	380.03	199.95	p22
6	15	0.85	4	0	21	1.2	1.28	130.85	10.06	10.06	52.10	520.96	390.11	p22
6	15	0.86	4	0	21	1.2	1.28	134.50	10.06	10.06	52.10	520.96	386.45	p22
6	15	0.87	4	0	21	1.2	1.28	138.72	10.06	10.06	52.10	520.96	382.23	p22
6	15	0.88	4	0	21	1.2	1.28	143.65	10.06	10.06	52.10	520.96	377.31	p22
6	15	0.89	4	0	21	1.2	1.28	149.47	10.06	10.06	52.10	520.96	371.49	p22
6	15	0.9	4	0	21	1.2	1.28	156.45	10.06	10.06	52.10	520.96	364.51	p22
6	15	0.91	4	0	21	1.2	1.28	164.98	10.06	10.06	52.10	520.96	355.97	p22
6	15	0.92	4	1	21	1.8	0.82	177.45	10.06	10.06	52.10	524.08	346.63	p22
6	15	0.93	4	1	21	1.8	0.82	186.28	10.06	10.06	52.10	524.08	337.80	p22
6	15	0.94	4	1	21	1.8	0.82	198.06	10.06	10.06	52.10	524.08	326.02	p22
6	15	0.95	4	2	21	2.4	0.47	207.82	10.06	10.06	52.10	524.08	316.26	p22
6	15	0.96	4	3	21	3.2	0.21	219.47	10.06	10.06	52.10	524.08	304.61	p22
6	15	0.97	4	3	21	3.2	0.21	230.07	10.06	10.06	52.10	524.08	294.01	p22
6	15	0.98	4	4	21	4.0	0.06	240.49	10.06	10.06	52.10	524.08	283.59	p22
6	15	0.99	4	4	20	4.7	0.00	230.42	9.26	9.26	53.72	497.23	266.80	p22
6	20	0.85	8	0	25	1.6	0.98	202.68	13.43	13.43	46.28	621.53	418.85	p22
6	20	0.86	8	0	25	1.6	0.98	205.49	13.43	13.43	46.28	621.53	416.05	p22
6	20	0.87	8	0	25	1.6	0.98	208.72	13.43	13.43	46.28	621.53	412.81	p22
6	20	0.88	8	0	25	1.6	0.98	212.50	13.43	13.43	46.28	621.53	409.03	p22
6	20	0.89	8	0	25	1.6	0.98	216.96	13.43	13.43	46.28	621.53	404.57	p22
6	20	0.9	8	0	25	1.6	0.98	222.32	13.43	13.43	46.28	621.53	399.22	p22
6	20	0.91	8	0	25	1.6	0.98	228.86	13.43	13.43	46.28	621.53	392.67	p22
6	20	0.92	8	0	25	1.6	0.98	237.04	13.43	13.43	46.28	621.53	384.49	p22
6	20	0.93	8	0	24	2.1	0.64	223.12	12.57	12.57	47.64	598.66	375.54	p22
6	20	0.94	8	0	24	2.1	0.64	232.21	12.57	12.57	47.64	598.66	366.45	p22
6	20	0.95	8	0	23	2.7	0.37	217.98	11.72	11.72	49.06	574.80	356.82	p22
6	20	0.96	8	0	23	2.7	0.37	229.04	11.72	11.72	49.06	574.80	345.75	p22
6	20	0.97	8	0	22	3.3	0.18	214.08	10.88	10.88	50.54	549.94	335.85	p22
6	20	0.98	8	1	22	4.2	0.04	226.35	10.88	10.88	50.54	549.94	323.59	p22
6	20	0.99	9	0	21	4.9	0.00	209.75	10.06	10.06	52.10	524.08	314.33	p22
6	25	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	25	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	25	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	25	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	25	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	25	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	25	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	25	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	25	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	25	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	25	0.95	13	0	28	3.1	0.22	303.90	16.10	16.10	42.49	684.22	380.32	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
6	25	0.96	13	0	28	3.1	0.22	310.53	16.10	16.10	42.49	684.22	373.69	p22
6	25	0.97	13	0	27	3.9	0.07	297.19	15.20	15.20	43.71	664.31	367.12	p22
6	25	0.98	13	0	27	3.9	0.07	304.38	15.20	15.20	43.71	664.31	359.93	p22
6	25	0.99	13	0	26	4.7	0.00	291.01	14.31	14.31	44.97	643.41	352.41	p22
6	30	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	30	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	30	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	30	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	30	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	30	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	30	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	30	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	30	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	30	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	30	0.95	14	0	29	3.2	0.20	322.31	17.02	17.02	41.32	703.16	380.85	p22
6	30	0.96	14	0	29	3.2	0.20	328.41	17.02	17.02	41.32	703.16	374.75	p22
6	30	0.97	15	0	29	4.0	0.05	334.24	17.02	17.02	41.32	703.16	368.92	p22
6	30	0.98	15	0	29	4.0	0.05	339.41	17.02	17.02	41.32	703.16	363.75	p22
6	30	0.99	15	0	28	4.9	0.00	329.70	16.10	16.10	42.49	684.22	354.52	p22
6	35	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	35	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	35	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	35	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	35	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	35	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	35	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	35	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	35	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	35	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	35	0.95	14	0	29	3.2	0.20	322.31	17.02	17.02	41.32	703.16	380.85	p22
6	35	0.96	14	0	29	3.2	0.20	328.41	17.02	17.02	41.32	703.16	374.75	p22
6	35	0.97	15	0	29	4.0	0.05	334.24	17.02	17.02	41.32	703.16	368.92	p22
6	35	0.98	15	0	29	4.0	0.05	339.41	17.02	17.02	41.32	703.16	363.75	p22
6	35	0.99	15	0	28	4.9	0.00	329.70	16.10	16.10	42.49	684.22	354.52	p22
6	40	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	40	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	40	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	40	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	40	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	40	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	40	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	40	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	40	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	40	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	40	0.95	14	0	29	3.2	0.20	322.31	17.02	17.02	41.32	703.16	380.85	p22
6	40	0.96	14	0	29	3.2	0.20	328.41	17.02	17.02	41.32	703.16	374.75	p22
6	40	0.97	15	0	29	4.0	0.05	334.24	17.02	17.02	41.32	703.16	368.92	p22
6	40	0.98	15	0	29	4.0	0.05	339.41	17.02	17.02	41.32	703.16	363.75	p22
6	40	0.99	15	0	28	4.9	0.00	329.70	16.10	16.10	42.49	684.22	354.52	p22
6	45	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	45	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	45	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	45	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	45	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	45	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	45	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	45	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	45	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	45	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	45	0.95	14	0	29	3.2	0.20	322.31	17.02	17.02	41.32	703.16	380.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
6	45	0.96	14	0	29	3.2	0.20	328.41	17.02	17.02	41.32	703.16	374.75	p22
6	45	0.97	15	0	29	4.0	0.05	334.24	17.02	17.02	41.32	703.16	368.92	p22
6	45	0.98	15	0	29	4.0	0.05	339.41	17.02	17.02	41.32	703.16	363.75	p22
6	45	0.99	15	0	28	4.9	0.00	329.70	16.10	16.10	42.49	684.22	354.52	p22
6	50	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	50	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	50	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	50	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	50	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	50	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	50	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	50	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	50	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	50	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	50	0.95	14	0	29	3.2	0.20	322.31	17.02	17.02	41.32	703.16	380.85	p22
6	50	0.96	14	0	29	3.2	0.20	328.41	17.02	17.02	41.32	703.16	374.75	p22
6	50	0.97	15	0	29	4.0	0.05	334.24	17.02	17.02	41.32	703.16	368.92	p22
6	50	0.98	15	0	29	4.0	0.05	339.41	17.02	17.02	41.32	703.16	363.75	p22
6	50	0.99	15	0	28	4.9	0.00	329.70	16.10	16.10	42.49	684.22	354.52	p22
6	55	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	55	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	55	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	55	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	55	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	55	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	55	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	55	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	55	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	55	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	55	0.95	14	0	29	3.2	0.20	322.31	17.02	17.02	41.32	703.16	380.85	p22
6	55	0.96	14	0	29	3.2	0.20	328.41	17.02	17.02	41.32	703.16	374.75	p22
6	55	0.97	15	0	29	4.0	0.05	334.24	17.02	17.02	41.32	703.16	368.92	p22
6	55	0.98	15	0	29	4.0	0.05	339.41	17.02	17.02	41.32	703.16	363.75	p22
6	55	0.99	15	0	28	4.9	0.00	329.70	16.10	16.10	42.49	684.22	354.52	p22
6	60	0.85	11	0	29	1.2	1.26	270.24	17.02	17.02	41.32	702.46	432.23	p22
6	60	0.86	11	0	29	1.2	1.26	273.83	17.02	17.02	41.32	702.46	428.63	p22
6	60	0.87	11	0	29	1.2	1.26	277.98	17.02	17.02	41.32	702.46	424.48	p22
6	60	0.88	12	0	30	1.3	1.22	301.43	17.94	17.94	40.19	721.13	419.70	p22
6	60	0.89	12	0	30	1.3	1.22	306.98	17.94	17.94	40.19	721.13	414.15	p22
6	60	0.9	12	0	29	1.8	0.81	294.30	17.02	17.02	41.32	703.16	408.85	p22
6	60	0.91	12	0	29	1.8	0.81	299.68	17.02	17.02	41.32	703.16	403.48	p22
6	60	0.92	13	0	29	2.4	0.46	306.03	17.02	17.02	41.32	703.16	397.13	p22
6	60	0.93	13	0	29	2.4	0.46	310.91	17.02	17.02	41.32	703.16	392.25	p22
6	60	0.94	13	0	29	2.4	0.46	317.41	17.02	17.02	41.32	703.16	385.75	p22
6	60	0.95	14	0	29	3.2	0.20	322.31	17.02	17.02	41.32	703.16	380.85	p22
6	60	0.96	14	0	29	3.2	0.20	328.41	17.02	17.02	41.32	703.16	374.75	p22
6	60	0.97	15	0	29	4.0	0.05	334.24	17.02	17.02	41.32	703.16	368.92	p22
6	60	0.98	15	0	29	4.0	0.05	339.41	17.02	17.02	41.32	703.16	363.75	p22
6	60	0.99	15	0	28	4.9	0.00	329.70	16.10	16.10	42.49	684.22	354.52	p22
7	0	0.85	0	89	100	0.1	4.05	2808.00	100.00	100.00	0.00	0.00	-2808.00	p22
7	0	0.86	0	90	100	0.2	3.20	2819.14	100.00	100.00	0.00	0.00	-2819.14	p22
7	0	0.87	0	90	100	0.2	3.20	2829.69	100.00	100.00	0.00	0.00	-2829.69	p22
7	0	0.88	0	91	100	0.5	2.45	2840.50	100.00	100.00	0.00	0.00	-2840.50	p22
7	0	0.89	0	91	100	0.5	2.45	2851.64	100.00	100.00	0.00	0.00	-2851.64	p22
7	0	0.9	0	92	100	0.8	1.80	2862.00	100.00	100.00	0.00	0.00	-2862.00	p22
7	0	0.91	0	93	100	1.3	1.25	2873.33	100.00	100.00	0.00	0.00	-2873.33	p22
7	0	0.92	0	93	100	1.3	1.25	2883.75	100.00	100.00	0.00	0.00	-2883.75	p22
7	0	0.93	0	94	100	1.8	0.80	2894.57	100.00	100.00	0.00	0.00	-2894.57	p22
7	0	0.94	0	94	100	1.8	0.80	2906.00	100.00	100.00	0.00	0.00	-2906.00	p22
7	0	0.95	0	95	100	2.5	0.45	2916.00	100.00	100.00	0.00	0.00	-2916.00	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	0	0.96	0	96	100	3.2	0.20	2928.00	100.00	100.00	0.00	0.00	-2928.00	p22
7	0	0.97	0	96	100	3.2	0.20	2938.00	100.00	100.00	0.00	0.00	-2938.00	p22
7	0	0.98	0	97	100	4.1	0.05	2949.00	100.00	100.00	0.00	0.00	-2949.00	p22
7	0	0.99	0	97	100	4.1	0.05	2964.00	100.00	100.00	0.00	0.00	-2964.00	p22
7	5	0.85	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.86	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.87	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.88	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.89	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.9	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.91	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.92	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.93	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.94	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.95	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.96	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.97	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.98	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	5	0.99	0	0	5	7.2	0.00	43.20	0.00	0.00	100.00	0.00	-43.20	p22
7	10	0.85	0	0	16	1.7	0.89	40.21	6.21	6.21	61.17	380.03	339.81	p22
7	10	0.86	0	0	16	1.7	0.89	42.75	6.21	6.21	61.17	380.03	337.28	p22
7	10	0.87	0	0	16	1.7	0.89	45.67	6.21	6.21	61.17	380.03	334.35	p22
7	10	0.88	0	0	16	1.7	0.89	49.09	6.21	6.21	61.17	380.03	330.94	p22
7	10	0.89	0	0	16	1.7	0.89	53.12	6.21	6.21	61.17	380.03	326.91	p22
7	10	0.9	0	0	16	1.7	0.89	57.96	6.21	6.21	61.17	380.03	322.07	p22
7	10	0.91	0	0	16	1.7	0.89	63.87	6.21	6.21	61.17	380.03	316.16	p22
7	10	0.92	0	0	16	1.7	0.89	71.26	6.21	6.21	61.17	380.03	308.76	p22
7	10	0.93	0	0	16	1.7	0.89	80.77	6.21	6.21	61.17	380.03	299.26	p22
7	10	0.94	0	1	16	2.3	0.52	92.32	6.21	6.21	61.17	380.03	287.71	p22
7	10	0.95	0	1	16	2.3	0.52	102.64	6.21	6.21	61.17	380.03	277.39	p22
7	10	0.96	0	2	16	3.0	0.24	113.43	6.21	6.21	61.17	380.03	266.59	p22
7	10	0.97	0	2	16	3.0	0.24	125.67	6.21	6.21	61.17	380.03	254.36	p22
7	10	0.98	0	3	16	3.9	0.07	134.77	6.21	6.21	61.17	380.03	245.25	p22
7	10	0.99	0	4	16	4.8	0.00	150.08	6.21	6.21	61.17	380.03	229.95	p22
7	15	0.85	3	1	22	1.3	1.19	138.36	10.88	10.88	50.54	549.94	411.58	p22
7	15	0.86	3	1	22	1.3	1.19	141.76	10.88	10.88	50.54	549.94	408.18	p22
7	15	0.87	3	1	22	1.3	1.19	145.69	10.88	10.88	50.54	549.94	404.25	p22
7	15	0.88	3	1	22	1.3	1.19	150.27	10.88	10.88	50.54	549.94	399.67	p22
7	15	0.89	3	1	22	1.3	1.19	155.68	10.88	10.88	50.54	549.94	394.26	p22
7	15	0.9	4	0	21	1.8	0.82	135.09	10.06	10.06	52.10	524.08	388.99	p22
7	15	0.91	4	0	21	1.8	0.82	140.58	10.06	10.06	52.10	524.08	383.49	p22
7	15	0.92	4	0	21	1.8	0.82	147.45	10.06	10.06	52.10	524.08	376.63	p22
7	15	0.93	4	0	21	1.8	0.82	156.28	10.06	10.06	52.10	524.08	367.80	p22
7	15	0.94	4	0	21	1.8	0.82	168.06	10.06	10.06	52.10	524.08	356.02	p22
7	15	0.95	4	1	21	2.4	0.47	177.82	10.06	10.06	52.10	524.08	346.26	p22
7	15	0.96	4	2	21	3.2	0.21	189.47	10.06	10.06	52.10	524.08	334.61	p22
7	15	0.97	4	2	21	3.2	0.21	200.07	10.06	10.06	52.10	524.08	324.01	p22
7	15	0.98	4	3	21	4.0	0.06	210.49	10.06	10.06	52.10	524.08	313.59	p22
7	15	0.99	4	3	20	4.7	0.00	200.42	9.26	9.26	53.72	497.23	296.80	p22
7	20	0.85	8	0	27	1.2	1.35	212.87	15.20	15.20	43.71	655.60	442.73	p22
7	20	0.86	8	0	26	1.6	0.93	203.93	14.31	14.31	44.97	643.41	439.48	p22
7	20	0.87	8	0	26	1.6	0.93	206.99	14.31	14.31	44.97	643.41	436.42	p22
7	20	0.88	8	0	26	1.6	0.93	210.56	14.31	14.31	44.97	643.41	432.85	p22
7	20	0.89	8	0	26	1.6	0.93	214.78	14.31	14.31	44.97	643.41	428.63	p22
7	20	0.9	8	0	26	1.6	0.93	219.84	14.31	14.31	44.97	643.41	423.57	p22
7	20	0.91	8	0	26	1.6	0.93	226.03	14.31	14.31	44.97	643.41	417.38	p22
7	20	0.92	8	0	26	1.6	0.93	233.77	14.31	14.31	44.97	643.41	409.65	p22
7	20	0.93	8	0	25	2.2	0.59	219.87	13.43	13.43	46.28	621.53	401.67	p22
7	20	0.94	8	0	25	2.2	0.59	228.28	13.43	13.43	46.28	621.53	393.26	p22
7	20	0.95	8	0	24	2.8	0.33	214.13	12.57	12.57	47.64	598.66	384.53	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	20	0.96	8	0	24	2.8	0.33	224.01	12.57	12.57	47.64	598.66	374.65	p22
7	20	0.97	8	0	23	3.4	0.15	209.16	11.72	11.72	49.06	574.80	365.63	p22
7	20	0.98	8	0	22	4.2	0.04	196.35	10.88	10.88	50.54	549.94	353.59	p22
7	20	0.99	8	1	23	4.3	0.03	231.10	11.72	11.72	49.06	574.80	343.70	p22
7	25	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	25	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	25	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	25	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	25	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	25	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	25	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	25	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	25	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	25	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	25	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22
7	25	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	25	0.97	13	0	28	4.0	0.06	295.53	16.10	16.10	42.49	684.22	388.69	p22
7	25	0.98	13	0	28	4.0	0.06	301.61	16.10	16.10	42.49	684.22	382.61	p22
7	25	0.99	13	0	27	4.8	0.00	290.00	15.20	15.20	43.71	664.31	374.31	p22
7	30	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	30	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	30	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	30	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	30	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	30	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	30	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	30	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	30	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	30	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	30	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22
7	30	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	30	0.97	14	0	29	4.0	0.05	314.24	17.02	17.02	41.32	703.16	388.92	p22
7	30	0.98	14	0	29	4.0	0.05	319.41	17.02	17.02	41.32	703.16	383.75	p22
7	30	0.99	14	0	28	4.9	0.00	309.70	16.10	16.10	42.49	684.22	374.52	p22
7	35	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	35	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	35	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	35	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	35	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	35	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	35	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	35	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	35	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	35	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	35	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22
7	35	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	35	0.97	14	0	29	4.0	0.05	314.24	17.02	17.02	41.32	703.16	388.92	p22
7	35	0.98	14	0	29	4.0	0.05	319.41	17.02	17.02	41.32	703.16	383.75	p22
7	35	0.99	14	0	28	4.9	0.00	309.70	16.10	16.10	42.49	684.22	374.52	p22
7	40	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	40	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	40	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	40	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	40	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	40	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	40	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	40	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	40	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	40	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	40	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	40	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	40	0.97	14	0	29	4.0	0.05	314.24	17.02	17.02	41.32	703.16	388.92	p22
7	40	0.98	14	0	29	4.0	0.05	319.41	17.02	17.02	41.32	703.16	383.75	p22
7	40	0.99	14	0	28	4.9	0.00	309.70	16.10	16.10	42.49	684.22	374.52	p22
7	45	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	45	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	45	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	45	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	45	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	45	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	45	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	45	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	45	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	45	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	45	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22
7	45	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	45	0.97	14	0	29	4.0	0.05	314.24	17.02	17.02	41.32	703.16	388.92	p22
7	45	0.98	14	0	29	4.0	0.05	319.41	17.02	17.02	41.32	703.16	383.75	p22
7	45	0.99	14	0	28	4.9	0.00	309.70	16.10	16.10	42.49	684.22	374.52	p22
7	50	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	50	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	50	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	50	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	50	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	50	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	50	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	50	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	50	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	50	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	50	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22
7	50	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	50	0.97	14	0	29	4.0	0.05	314.24	17.02	17.02	41.32	703.16	388.92	p22
7	50	0.98	14	0	29	4.0	0.05	319.41	17.02	17.02	41.32	703.16	383.75	p22
7	50	0.99	14	0	28	4.9	0.00	309.70	16.10	16.10	42.49	684.22	374.52	p22
7	55	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	55	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	55	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	55	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	55	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	55	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	55	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	55	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	55	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	55	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	55	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22
7	55	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	55	0.97	14	0	29	4.0	0.05	314.24	17.02	17.02	41.32	703.16	388.92	p22
7	55	0.98	14	0	29	4.0	0.05	319.41	17.02	17.02	41.32	703.16	383.75	p22
7	55	0.99	14	0	28	4.9	0.00	309.70	16.10	16.10	42.49	684.22	374.52	p22
7	60	0.85	10	0	29	1.2	1.26	250.24	17.02	17.02	41.32	702.46	452.23	p22
7	60	0.86	10	0	29	1.2	1.26	253.83	17.02	17.02	41.32	702.46	448.63	p22
7	60	0.87	10	0	29	1.2	1.26	257.98	17.02	17.02	41.32	702.46	444.48	p22
7	60	0.88	11	0	30	1.3	1.22	281.43	17.94	17.94	40.19	721.13	439.70	p22
7	60	0.89	11	0	30	1.3	1.22	286.98	17.94	17.94	40.19	721.13	434.15	p22
7	60	0.9	11	0	29	1.8	0.81	274.30	17.02	17.02	41.32	703.16	428.85	p22
7	60	0.91	11	0	29	1.8	0.81	279.68	17.02	17.02	41.32	703.16	423.48	p22
7	60	0.92	12	0	29	2.4	0.46	286.03	17.02	17.02	41.32	703.16	417.13	p22
7	60	0.93	12	0	29	2.4	0.46	290.91	17.02	17.02	41.32	703.16	412.25	p22
7	60	0.94	12	0	29	2.4	0.46	297.41	17.02	17.02	41.32	703.16	405.75	p22
7	60	0.95	13	0	29	3.2	0.20	302.31	17.02	17.02	41.32	703.16	400.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
7	60	0.96	13	0	29	3.2	0.20	308.41	17.02	17.02	41.32	703.16	394.75	p22
7	60	0.97	14	0	29	4.0	0.05	314.24	17.02	17.02	41.32	703.16	388.92	p22
7	60	0.98	14	0	29	4.0	0.05	319.41	17.02	17.02	41.32	703.16	383.75	p22
7	60	0.99	14	0	28	4.9	0.00	309.70	16.10	16.10	42.49	684.22	374.52	p22
8	0	0.85	0	88	100	0.1	4.05	2778.00	100.00	100.00	0.00	0.00	-2778.00	p22
8	0	0.86	0	89	100	0.2	3.20	2789.14	100.00	100.00	0.00	0.00	-2789.14	p22
8	0	0.87	0	89	100	0.2	3.20	2799.69	100.00	100.00	0.00	0.00	-2799.69	p22
8	0	0.88	0	90	100	0.5	2.45	2810.50	100.00	100.00	0.00	0.00	-2810.50	p22
8	0	0.89	0	90	100	0.5	2.45	2821.64	100.00	100.00	0.00	0.00	-2821.64	p22
8	0	0.9	0	91	100	0.8	1.80	2832.00	100.00	100.00	0.00	0.00	-2832.00	p22
8	0	0.91	0	92	100	1.3	1.25	2843.33	100.00	100.00	0.00	0.00	-2843.33	p22
8	0	0.92	0	92	100	1.3	1.25	2853.75	100.00	100.00	0.00	0.00	-2853.75	p22
8	0	0.93	0	93	100	1.8	0.80	2864.57	100.00	100.00	0.00	0.00	-2864.57	p22
8	0	0.94	0	93	100	1.8	0.80	2876.00	100.00	100.00	0.00	0.00	-2876.00	p22
8	0	0.95	0	94	100	2.5	0.45	2886.00	100.00	100.00	0.00	0.00	-2886.00	p22
8	0	0.96	0	95	100	3.2	0.20	2898.00	100.00	100.00	0.00	0.00	-2898.00	p22
8	0	0.97	0	95	100	3.2	0.20	2908.00	100.00	100.00	0.00	0.00	-2908.00	p22
8	0	0.98	0	96	100	4.1	0.05	2919.00	100.00	100.00	0.00	0.00	-2919.00	p22
8	0	0.99	0	96	100	4.1	0.05	2934.00	100.00	100.00	0.00	0.00	-2934.00	p22
8	5	0.85	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.86	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.87	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.88	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.89	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.9	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.91	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.92	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.93	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.94	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.95	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.96	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.97	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.98	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	5	0.99	0	0	5	8.5	0.00	50.70	0.00	0.00	100.00	0.00	-50.70	p22
8	10	0.85	0	0	16	2.3	0.52	31.36	6.21	6.21	61.17	380.03	348.66	p22
8	10	0.86	0	0	16	2.3	0.52	32.84	6.21	6.21	61.17	380.03	347.19	p22
8	10	0.87	0	0	16	2.3	0.52	34.54	6.21	6.21	61.17	380.03	345.49	p22
8	10	0.88	0	0	16	2.3	0.52	36.52	6.21	6.21	61.17	380.03	343.50	p22
8	10	0.89	0	0	16	2.3	0.52	38.87	6.21	6.21	61.17	380.03	341.16	p22
8	10	0.9	0	0	16	2.3	0.52	41.68	6.21	6.21	61.17	380.03	338.34	p22
8	10	0.91	0	0	16	2.3	0.52	45.12	6.21	6.21	61.17	380.03	334.90	p22
8	10	0.92	0	0	16	2.3	0.52	49.42	6.21	6.21	61.17	380.03	330.60	p22
8	10	0.93	0	0	16	2.3	0.52	54.95	6.21	6.21	61.17	380.03	325.08	p22
8	10	0.94	0	0	16	2.3	0.52	62.32	6.21	6.21	61.17	380.03	317.71	p22
8	10	0.95	0	0	16	2.3	0.52	72.64	6.21	6.21	61.17	380.03	307.39	p22
8	10	0.96	0	1	16	3.0	0.24	83.43	6.21	6.21	61.17	380.03	296.59	p22
8	10	0.97	0	1	16	3.0	0.24	95.67	6.21	6.21	61.17	380.03	284.36	p22
8	10	0.98	0	2	16	3.9	0.07	104.77	6.21	6.21	61.17	380.03	275.25	p22
8	10	0.99	0	3	16	4.8	0.00	120.08	6.21	6.21	61.17	380.03	259.95	p22
8	15	0.85	3	0	22	1.3	1.19	108.36	10.88	10.88	50.54	549.94	441.58	p22
8	15	0.86	3	0	22	1.3	1.19	111.76	10.88	10.88	50.54	549.94	438.18	p22
8	15	0.87	3	0	22	1.3	1.19	115.69	10.88	10.88	50.54	549.94	434.25	p22
8	15	0.88	3	0	22	1.3	1.19	120.27	10.88	10.88	50.54	549.94	429.67	p22
8	15	0.89	3	0	22	1.3	1.19	125.68	10.88	10.88	50.54	549.94	424.26	p22
8	15	0.9	3	0	22	1.3	1.19	132.18	10.88	10.88	50.54	549.94	417.76	p22
8	15	0.91	3	0	22	1.3	1.19	140.12	10.88	10.88	50.54	549.94	409.82	p22
8	15	0.92	3	0	22	1.3	1.19	150.04	10.88	10.88	50.54	549.94	399.89	p22
8	15	0.93	4	0	21	2.4	0.47	131.77	10.06	10.06	52.10	524.08	392.31	p22
8	15	0.94	4	0	21	2.4	0.47	138.46	10.06	10.06	52.10	524.08	385.62	p22
8	15	0.95	4	0	21	2.4	0.47	147.82	10.06	10.06	52.10	524.08	376.26	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
8	15	0.96	4	1	21	3.2	0.21	159.47	10.06	10.06	52.10	524.08	364.61	p22
8	15	0.97	4	1	21	3.2	0.21	170.07	10.06	10.06	52.10	524.08	354.01	p22
8	15	0.98	4	2	21	4.0	0.06	180.49	10.06	10.06	52.10	524.08	343.59	p22
8	15	0.99	4	2	20	4.7	0.00	170.42	9.26	9.26	53.72	497.23	326.80	p22
8	20	0.85	8	0	28	1.2	1.30	211.45	16.10	16.10	42.49	679.88	468.43	p22
8	20	0.86	8	0	28	1.2	1.30	215.17	16.10	16.10	42.49	679.88	464.71	p22
8	20	0.87	8	0	28	1.2	1.30	219.46	16.10	16.10	42.49	679.88	460.42	p22
8	20	0.88	8	0	27	1.7	0.88	208.89	15.20	15.20	43.71	664.31	455.42	p22
8	20	0.89	8	0	27	1.7	0.88	212.90	15.20	15.20	43.71	664.31	451.41	p22
8	20	0.9	8	0	27	1.7	0.88	217.71	15.20	15.20	43.71	664.31	446.60	p22
8	20	0.91	8	0	27	1.7	0.88	223.58	15.20	15.20	43.71	664.31	440.72	p22
8	20	0.92	8	0	27	1.7	0.88	230.93	15.20	15.20	43.71	664.31	433.38	p22
8	20	0.93	8	0	26	2.2	0.55	217.07	14.31	14.31	44.97	643.41	426.35	p22
8	20	0.94	8	0	26	2.2	0.55	224.89	14.31	14.31	44.97	643.41	418.53	p22
8	20	0.95	8	0	25	2.9	0.30	210.88	13.43	13.43	46.28	621.53	410.66	p22
8	20	0.96	8	0	25	2.9	0.30	219.74	13.43	13.43	46.28	621.53	401.79	p22
8	20	0.97	8	0	24	3.6	0.12	205.15	12.57	12.57	47.64	598.66	393.51	p22
8	20	0.98	8	0	23	4.3	0.03	193.40	11.72	11.72	49.06	574.80	381.40	p22
8	20	0.99	8	0	23	4.3	0.03	201.10	11.72	11.72	49.06	574.80	373.70	p22
8	25	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	25	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	25	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	25	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	25	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	25	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	25	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	25	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	25	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	25	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	25	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22
8	25	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	25	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	25	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	25	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
8	30	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	30	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	30	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	30	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	30	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	30	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	30	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	30	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	30	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	30	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	30	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22
8	30	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	30	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	30	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	30	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
8	35	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	35	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	35	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	35	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	35	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	35	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	35	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	35	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	35	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	35	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	35	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
8	35	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	35	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	35	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	35	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
8	40	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	40	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	40	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	40	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	40	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	40	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	40	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	40	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	40	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	40	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	40	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22
8	40	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	40	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	40	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	40	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
8	45	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	45	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	45	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	45	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	45	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	45	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	45	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	45	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	45	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	45	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	45	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22
8	45	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	45	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	45	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	45	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
8	50	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	50	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	50	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	50	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	50	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	50	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	50	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	50	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	50	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	50	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	50	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22
8	50	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	50	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	50	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	50	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
8	55	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	55	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	55	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	55	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	55	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	55	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	55	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	55	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	55	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	55	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	55	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
8	55	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	55	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	55	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	55	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
8	60	0.85	9	0	29	1.2	1.26	230.24	17.02	17.02	41.32	702.46	472.23	p22
8	60	0.86	9	0	29	1.2	1.26	233.83	17.02	17.02	41.32	702.46	468.63	p22
8	60	0.87	9	0	29	1.2	1.26	237.98	17.02	17.02	41.32	702.46	464.48	p22
8	60	0.88	10	0	30	1.3	1.22	261.43	17.94	17.94	40.19	721.13	459.70	p22
8	60	0.89	10	0	30	1.3	1.22	266.98	17.94	17.94	40.19	721.13	454.15	p22
8	60	0.9	10	0	29	1.8	0.81	254.30	17.02	17.02	41.32	703.16	448.85	p22
8	60	0.91	10	0	29	1.8	0.81	259.68	17.02	17.02	41.32	703.16	443.48	p22
8	60	0.92	11	0	29	2.4	0.46	266.03	17.02	17.02	41.32	703.16	437.13	p22
8	60	0.93	11	0	29	2.4	0.46	270.91	17.02	17.02	41.32	703.16	432.25	p22
8	60	0.94	11	0	29	2.4	0.46	277.41	17.02	17.02	41.32	703.16	425.75	p22
8	60	0.95	12	0	29	3.2	0.20	282.31	17.02	17.02	41.32	703.16	420.85	p22
8	60	0.96	12	0	29	3.2	0.20	288.41	17.02	17.02	41.32	703.16	414.75	p22
8	60	0.97	13	0	29	4.0	0.05	294.24	17.02	17.02	41.32	703.16	408.92	p22
8	60	0.98	13	0	29	4.0	0.05	299.41	17.02	17.02	41.32	703.16	403.75	p22
8	60	0.99	13	0	28	4.9	0.00	289.70	16.10	16.10	42.49	684.22	394.52	p22
9	0	0.85	0	87	100	0.1	4.05	2748.00	100.00	100.00	0.00	0.00	-2748.00	p22
9	0	0.86	0	88	100	0.2	3.20	2759.14	100.00	100.00	0.00	0.00	-2759.14	p22
9	0	0.87	0	88	100	0.2	3.20	2769.69	100.00	100.00	0.00	0.00	-2769.69	p22
9	0	0.88	0	89	100	0.5	2.45	2780.50	100.00	100.00	0.00	0.00	-2780.50	p22
9	0	0.89	0	89	100	0.5	2.45	2791.64	100.00	100.00	0.00	0.00	-2791.64	p22
9	0	0.9	0	90	100	0.8	1.80	2802.00	100.00	100.00	0.00	0.00	-2802.00	p22
9	0	0.91	0	91	100	1.3	1.25	2813.33	100.00	100.00	0.00	0.00	-2813.33	p22
9	0	0.92	0	91	100	1.3	1.25	2823.75	100.00	100.00	0.00	0.00	-2823.75	p22
9	0	0.93	0	92	100	1.8	0.80	2834.57	100.00	100.00	0.00	0.00	-2834.57	p22
9	0	0.94	0	92	100	1.8	0.80	2846.00	100.00	100.00	0.00	0.00	-2846.00	p22
9	0	0.95	0	93	100	2.5	0.45	2856.00	100.00	100.00	0.00	0.00	-2856.00	p22
9	0	0.96	0	94	100	3.2	0.20	2868.00	100.00	100.00	0.00	0.00	-2868.00	p22
9	0	0.97	0	94	100	3.2	0.20	2878.00	100.00	100.00	0.00	0.00	-2878.00	p22
9	0	0.98	0	95	100	4.1	0.05	2889.00	100.00	100.00	0.00	0.00	-2889.00	p22
9	0	0.99	0	95	100	4.1	0.05	2904.00	100.00	100.00	0.00	0.00	-2904.00	p22
9	5	0.85	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.86	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.87	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.88	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.89	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.9	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.91	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.92	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.93	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.94	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.95	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.96	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.97	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.98	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	5	0.99	0	0	5	9.8	0.00	58.80	0.00	0.00	100.00	0.00	-58.80	p22
9	10	0.85	0	0	16	3.0	0.24	26.51	6.21	6.21	61.17	380.03	353.51	p22
9	10	0.86	0	0	16	3.0	0.24	27.21	6.21	6.21	61.17	380.03	352.81	p22
9	10	0.87	0	0	16	3.0	0.24	28.02	6.21	6.21	61.17	380.03	352.01	p22
9	10	0.88	0	0	16	3.0	0.24	28.96	6.21	6.21	61.17	380.03	351.06	p22
9	10	0.89	0	0	16	3.0	0.24	30.07	6.21	6.21	61.17	380.03	349.95	p22
9	10	0.9	0	0	16	3.0	0.24	31.41	6.21	6.21	61.17	380.03	348.62	p22
9	10	0.91	0	0	16	3.0	0.24	33.04	6.21	6.21	61.17	380.03	346.99	p22
9	10	0.92	0	0	16	3.0	0.24	35.08	6.21	6.21	61.17	380.03	344.95	p22
9	10	0.93	0	0	16	3.0	0.24	37.70	6.21	6.21	61.17	380.03	342.32	p22
9	10	0.94	0	0	16	3.0	0.24	41.20	6.21	6.21	61.17	380.03	338.83	p22
9	10	0.95	0	0	16	3.0	0.24	46.09	6.21	6.21	61.17	380.03	333.93	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
9	10	0.96	0	0	16	3.0	0.24	53.43	6.21	6.21	61.17	380.03	326.59	p22
9	10	0.97	0	0	16	3.0	0.24	65.67	6.21	6.21	61.17	380.03	314.36	p22
9	10	0.98	0	1	16	3.9	0.07	74.77	6.21	6.21	61.17	380.03	305.25	p22
9	10	0.99	0	2	16	4.8	0.00	90.08	6.21	6.21	61.17	380.03	289.95	p22
9	15	0.85	3	0	23	1.4	1.11	106.19	11.72	11.72	49.06	574.80	468.61	p22
9	15	0.86	3	0	23	1.4	1.11	109.37	11.72	11.72	49.06	574.80	465.43	p22
9	15	0.87	3	0	23	1.4	1.11	113.04	11.72	11.72	49.06	574.80	461.76	p22
9	15	0.88	3	0	23	1.4	1.11	117.31	11.72	11.72	49.06	574.80	457.48	p22
9	15	0.89	3	0	23	1.4	1.11	122.37	11.72	11.72	49.06	574.80	452.43	p22
9	15	0.9	3	0	23	1.4	1.11	128.44	11.72	11.72	49.06	574.80	446.36	p22
9	15	0.91	3	0	23	1.4	1.11	135.85	11.72	11.72	49.06	574.80	438.95	p22
9	15	0.92	3	0	23	1.4	1.11	145.12	11.72	11.72	49.06	574.80	429.68	p22
9	15	0.93	3	0	22	1.9	0.75	131.26	10.88	10.88	50.54	549.94	418.68	p22
9	15	0.94	3	1	23	2.0	0.69	166.76	11.72	11.72	49.06	574.80	408.04	p22
9	15	0.95	4	0	21	3.2	0.21	123.10	10.06	10.06	52.10	524.08	400.98	p22
9	15	0.96	4	0	21	3.2	0.21	129.47	10.06	10.06	52.10	524.08	394.61	p22
9	15	0.97	4	0	21	3.2	0.21	140.07	10.06	10.06	52.10	524.08	384.01	p22
9	15	0.98	4	1	21	4.0	0.06	150.49	10.06	10.06	52.10	524.08	373.59	p22
9	15	0.99	4	1	20	4.7	0.00	140.42	9.26	9.26	53.72	497.23	356.80	p22
9	20	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	20	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	20	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	20	0.88	8	0	29	1.2	1.26	222.82	17.02	17.02	41.32	702.46	479.64	p22
9	20	0.89	8	0	29	1.2	1.26	228.54	17.02	17.02	41.32	702.46	473.92	p22
9	20	0.9	8	0	28	1.7	0.84	215.87	16.10	16.10	42.49	684.22	468.35	p22
9	20	0.91	8	0	28	1.7	0.84	221.48	16.10	16.10	42.49	684.22	462.74	p22
9	20	0.92	8	0	28	1.7	0.84	228.49	16.10	16.10	42.49	684.22	455.73	p22
9	20	0.93	8	0	27	2.3	0.51	214.67	15.20	15.20	43.71	664.31	449.64	p22
9	20	0.94	8	0	27	2.3	0.51	221.98	15.20	15.20	43.71	664.31	442.33	p22
9	20	0.95	8	0	26	3.0	0.27	208.13	14.31	14.31	44.97	643.41	435.28	p22
9	20	0.96	8	0	26	3.0	0.27	216.12	14.31	14.31	44.97	643.41	427.29	p22
9	20	0.97	8	0	25	3.7	0.10	201.89	13.43	13.43	46.28	621.53	419.64	p22
9	20	0.98	8	0	25	3.7	0.10	212.13	13.43	13.43	46.28	621.53	409.40	p22
9	20	0.99	8	0	24	4.4	0.02	196.24	12.57	12.57	47.64	598.66	402.42	p22
9	25	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	25	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	25	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	25	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	25	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	25	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	25	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	25	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	25	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	25	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	25	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22
9	25	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	25	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	25	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	25	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
9	30	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	30	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	30	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	30	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	30	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	30	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	30	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	30	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	30	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	30	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	30	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
9	30	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	30	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	30	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	30	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
9	35	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	35	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	35	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	35	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	35	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	35	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	35	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	35	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	35	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	35	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	35	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22
9	35	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	35	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	35	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	35	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
9	40	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	40	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	40	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	40	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	40	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	40	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	40	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	40	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	40	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	40	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	40	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22
9	40	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	40	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	40	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	40	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
9	45	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	45	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	45	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	45	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	45	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	45	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	45	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	45	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	45	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	45	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	45	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22
9	45	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	45	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	45	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	45	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
9	50	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	50	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	50	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	50	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	50	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	50	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	50	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	50	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	50	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	50	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	50	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
9	50	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	50	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	50	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	50	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
9	55	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	55	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	55	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	55	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	55	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	55	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	55	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	55	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	55	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	55	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	55	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22
9	55	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	55	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	55	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	55	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
9	60	0.85	8	0	29	1.2	1.26	210.24	17.02	17.02	41.32	702.46	492.23	p22
9	60	0.86	8	0	29	1.2	1.26	213.83	17.02	17.02	41.32	702.46	488.63	p22
9	60	0.87	8	0	29	1.2	1.26	217.98	17.02	17.02	41.32	702.46	484.48	p22
9	60	0.88	9	0	30	1.3	1.22	241.43	17.94	17.94	40.19	721.13	479.70	p22
9	60	0.89	9	0	30	1.3	1.22	246.98	17.94	17.94	40.19	721.13	474.15	p22
9	60	0.9	9	0	29	1.8	0.81	234.30	17.02	17.02	41.32	703.16	468.85	p22
9	60	0.91	9	0	29	1.8	0.81	239.68	17.02	17.02	41.32	703.16	463.48	p22
9	60	0.92	10	0	29	2.4	0.46	246.03	17.02	17.02	41.32	703.16	457.13	p22
9	60	0.93	10	0	29	2.4	0.46	250.91	17.02	17.02	41.32	703.16	452.25	p22
9	60	0.94	10	0	29	2.4	0.46	257.41	17.02	17.02	41.32	703.16	445.75	p22
9	60	0.95	11	0	29	3.2	0.20	262.31	17.02	17.02	41.32	703.16	440.85	p22
9	60	0.96	11	0	29	3.2	0.20	268.41	17.02	17.02	41.32	703.16	434.75	p22
9	60	0.97	12	0	29	4.0	0.05	274.24	17.02	17.02	41.32	703.16	428.92	p22
9	60	0.98	12	0	29	4.0	0.05	279.41	17.02	17.02	41.32	703.16	423.75	p22
9	60	0.99	12	0	28	4.9	0.00	269.70	16.10	16.10	42.49	684.22	414.52	p22
10	0	0.85	0	86	100	0.1	4.05	2718.00	100.00	100.00	0.00	0.00	-2718.00	p22
10	0	0.86	0	87	100	0.2	3.20	2729.14	100.00	100.00	0.00	0.00	-2729.14	p22
10	0	0.87	0	87	100	0.2	3.20	2739.69	100.00	100.00	0.00	0.00	-2739.69	p22
10	0	0.88	0	88	100	0.5	2.45	2750.50	100.00	100.00	0.00	0.00	-2750.50	p22
10	0	0.89	0	88	100	0.5	2.45	2761.64	100.00	100.00	0.00	0.00	-2761.64	p22
10	0	0.9	0	89	100	0.8	1.80	2772.00	100.00	100.00	0.00	0.00	-2772.00	p22
10	0	0.91	0	90	100	1.3	1.25	2783.33	100.00	100.00	0.00	0.00	-2783.33	p22
10	0	0.92	0	90	100	1.3	1.25	2793.75	100.00	100.00	0.00	0.00	-2793.75	p22
10	0	0.93	0	91	100	1.8	0.80	2804.57	100.00	100.00	0.00	0.00	-2804.57	p22
10	0	0.94	0	91	100	1.8	0.80	2816.00	100.00	100.00	0.00	0.00	-2816.00	p22
10	0	0.95	0	92	100	2.5	0.45	2826.00	100.00	100.00	0.00	0.00	-2826.00	p22
10	0	0.96	0	93	100	3.2	0.20	2838.00	100.00	100.00	0.00	0.00	-2838.00	p22
10	0	0.97	0	93	100	3.2	0.20	2848.00	100.00	100.00	0.00	0.00	-2848.00	p22
10	0	0.98	0	94	100	4.1	0.05	2859.00	100.00	100.00	0.00	0.00	-2859.00	p22
10	0	0.99	0	94	100	4.1	0.05	2874.00	100.00	100.00	0.00	0.00	-2874.00	p22
10	5	0.85	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.86	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.87	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.88	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.89	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.9	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.91	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.92	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.93	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.94	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.95	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
10	5	0.96	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.97	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.98	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	5	0.99	0	0	5	11.3	0.00	67.50	0.00	0.00	100.00	0.00	-67.50	p22
10	10	0.85	0	0	16	3.9	0.07	25.67	6.21	6.21	61.17	380.03	354.36	p22
10	10	0.86	0	0	16	3.9	0.07	25.88	6.21	6.21	61.17	380.03	354.15	p22
10	10	0.87	0	0	16	3.9	0.07	26.12	6.21	6.21	61.17	380.03	353.91	p22
10	10	0.88	0	0	16	3.9	0.07	26.40	6.21	6.21	61.17	380.03	353.63	p22
10	10	0.89	0	0	16	3.9	0.07	26.73	6.21	6.21	61.17	380.03	353.29	p22
10	10	0.9	0	0	16	3.9	0.07	27.14	6.21	6.21	61.17	380.03	352.89	p22
10	10	0.91	0	0	16	3.9	0.07	27.63	6.21	6.21	61.17	380.03	352.40	p22
10	10	0.92	0	0	16	3.9	0.07	28.24	6.21	6.21	61.17	380.03	351.79	p22
10	10	0.93	0	0	16	3.9	0.07	29.02	6.21	6.21	61.17	380.03	351.00	p22
10	10	0.94	0	0	16	3.9	0.07	30.07	6.21	6.21	61.17	380.03	349.95	p22
10	10	0.95	0	0	16	3.9	0.07	31.54	6.21	6.21	61.17	380.03	348.48	p22
10	10	0.96	0	0	16	3.9	0.07	33.75	6.21	6.21	61.17	380.03	346.28	p22
10	10	0.97	0	0	16	3.9	0.07	37.42	6.21	6.21	61.17	380.03	342.60	p22
10	10	0.98	0	0	16	3.9	0.07	44.77	6.21	6.21	61.17	380.03	335.25	p22
10	10	0.99	0	1	16	4.8	0.00	60.08	6.21	6.21	61.17	380.03	319.95	p22
10	15	0.85	3	0	24	1.5	1.04	104.31	12.57	12.57	47.64	598.66	494.35	p22
10	15	0.86	3	0	24	1.5	1.04	107.29	12.57	12.57	47.64	598.66	491.37	p22
10	15	0.87	3	0	24	1.5	1.04	110.73	12.57	12.57	47.64	598.66	487.93	p22
10	15	0.88	3	0	24	1.5	1.04	114.74	12.57	12.57	47.64	598.66	483.92	p22
10	15	0.89	3	0	24	1.5	1.04	119.48	12.57	12.57	47.64	598.66	479.18	p22
10	15	0.9	3	0	24	1.5	1.04	125.17	12.57	12.57	47.64	598.66	473.50	p22
10	15	0.91	3	0	24	1.5	1.04	132.12	12.57	12.57	47.64	598.66	466.54	p22
10	15	0.92	3	0	24	1.5	1.04	140.81	12.57	12.57	47.64	598.66	457.85	p22
10	15	0.93	3	0	23	2.0	0.69	126.90	11.72	11.72	49.06	574.80	447.90	p22
10	15	0.94	3	0	23	2.0	0.69	136.76	11.72	11.72	49.06	574.80	438.04	p22
10	15	0.95	3	0	22	2.5	0.41	122.50	10.88	10.88	50.54	549.94	427.43	p22
10	15	0.96	3	1	23	2.7	0.37	159.04	11.72	11.72	49.06	574.80	415.75	p22
10	15	0.97	4	0	21	4.0	0.06	114.88	10.06	10.06	52.10	524.08	409.20	p22
10	15	0.98	4	0	21	4.0	0.06	120.49	10.06	10.06	52.10	524.08	403.59	p22
10	15	0.99	4	0	20	4.7	0.00	110.42	9.26	9.26	53.72	497.23	386.80	p22
10	20	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	20	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	20	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	20	0.88	7	0	29	1.2	1.26	202.82	17.02	17.02	41.32	702.46	499.64	p22
10	20	0.89	7	0	29	1.2	1.26	208.54	17.02	17.02	41.32	702.46	493.92	p22
10	20	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	20	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	20	0.92	8	0	29	1.8	0.81	226.41	17.02	17.02	41.32	703.16	476.75	p22
10	20	0.93	8	0	28	2.4	0.48	212.63	16.10	16.10	42.49	684.22	471.59	p22
10	20	0.94	8	0	28	2.4	0.48	219.50	16.10	16.10	42.49	684.22	464.72	p22
10	20	0.95	8	0	27	3.0	0.24	205.82	15.20	15.20	43.71	664.31	458.48	p22
10	20	0.96	8	0	27	3.0	0.24	213.08	15.20	15.20	43.71	664.31	451.23	p22
10	20	0.97	8	0	26	3.8	0.09	199.28	14.31	14.31	44.97	643.41	444.14	p22
10	20	0.98	8	0	26	3.8	0.09	207.84	14.31	14.31	44.97	643.41	435.57	p22
10	20	0.99	8	0	25	4.6	0.01	192.99	13.43	13.43	46.28	621.53	428.54	p22
10	25	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	25	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	25	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	25	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	25	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	25	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	25	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	25	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	25	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	25	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	25	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
10	25	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	25	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	25	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	25	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
10	30	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	30	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	30	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	30	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	30	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	30	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	30	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	30	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	30	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	30	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	30	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22
10	30	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	30	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	30	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	30	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
10	35	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	35	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	35	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	35	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	35	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	35	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	35	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	35	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	35	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	35	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	35	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22
10	35	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	35	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	35	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	35	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
10	40	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	40	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	40	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	40	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	40	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	40	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	40	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	40	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	40	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	40	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	40	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22
10	40	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	40	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	40	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	40	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
10	45	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	45	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	45	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	45	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	45	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	45	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	45	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	45	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	45	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	45	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	45	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
10	45	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	45	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	45	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	45	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
10	50	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	50	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	50	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	50	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	50	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	50	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	50	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	50	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	50	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	50	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	50	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22
10	50	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	50	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	50	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	50	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
10	55	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	55	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	55	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	55	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	55	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	55	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	55	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	55	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	55	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	55	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	55	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22
10	55	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	55	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	55	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	55	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
10	60	0.85	7	0	29	1.2	1.26	190.24	17.02	17.02	41.32	702.46	512.23	p22
10	60	0.86	7	0	29	1.2	1.26	193.83	17.02	17.02	41.32	702.46	508.63	p22
10	60	0.87	7	0	29	1.2	1.26	197.98	17.02	17.02	41.32	702.46	504.48	p22
10	60	0.88	8	0	30	1.3	1.22	221.43	17.94	17.94	40.19	721.13	499.70	p22
10	60	0.89	8	0	30	1.3	1.22	226.98	17.94	17.94	40.19	721.13	494.15	p22
10	60	0.9	8	0	29	1.8	0.81	214.30	17.02	17.02	41.32	703.16	488.85	p22
10	60	0.91	8	0	29	1.8	0.81	219.68	17.02	17.02	41.32	703.16	483.48	p22
10	60	0.92	9	0	29	2.4	0.46	226.03	17.02	17.02	41.32	703.16	477.13	p22
10	60	0.93	9	0	29	2.4	0.46	230.91	17.02	17.02	41.32	703.16	472.25	p22
10	60	0.94	9	0	29	2.4	0.46	237.41	17.02	17.02	41.32	703.16	465.75	p22
10	60	0.95	10	0	29	3.2	0.20	242.31	17.02	17.02	41.32	703.16	460.85	p22
10	60	0.96	10	0	29	3.2	0.20	248.41	17.02	17.02	41.32	703.16	454.75	p22
10	60	0.97	11	0	29	4.0	0.05	254.24	17.02	17.02	41.32	703.16	448.92	p22
10	60	0.98	11	0	29	4.0	0.05	259.41	17.02	17.02	41.32	703.16	443.75	p22
10	60	0.99	11	0	28	4.9	0.00	249.70	16.10	16.10	42.49	684.22	434.52	p22
11	0	0.85	0	85	100	0.1	4.05	2688.00	100.00	100.00	0.00	0.00	-2688.00	p22
11	0	0.86	0	86	100	0.2	3.20	2699.14	100.00	100.00	0.00	0.00	-2699.14	p22
11	0	0.87	0	86	100	0.2	3.20	2709.69	100.00	100.00	0.00	0.00	-2709.69	p22
11	0	0.88	0	87	100	0.5	2.45	2720.50	100.00	100.00	0.00	0.00	-2720.50	p22
11	0	0.89	0	87	100	0.5	2.45	2731.64	100.00	100.00	0.00	0.00	-2731.64	p22
11	0	0.9	0	88	100	0.8	1.80	2742.00	100.00	100.00	0.00	0.00	-2742.00	p22
11	0	0.91	0	89	100	1.3	1.25	2753.33	100.00	100.00	0.00	0.00	-2753.33	p22
11	0	0.92	0	89	100	1.3	1.25	2763.75	100.00	100.00	0.00	0.00	-2763.75	p22
11	0	0.93	0	90	100	1.8	0.80	2774.57	100.00	100.00	0.00	0.00	-2774.57	p22
11	0	0.94	0	90	100	1.8	0.80	2786.00	100.00	100.00	0.00	0.00	-2786.00	p22
11	0	0.95	0	91	100	2.5	0.45	2796.00	100.00	100.00	0.00	0.00	-2796.00	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	0	0.96	0	92	100	3.2	0.20	2808.00	100.00	100.00	0.00	0.00	-2808.00	p22
11	0	0.97	0	92	100	3.2	0.20	2818.00	100.00	100.00	0.00	0.00	-2818.00	p22
11	0	0.98	0	93	100	4.1	0.05	2829.00	100.00	100.00	0.00	0.00	-2829.00	p22
11	0	0.99	0	93	100	4.1	0.05	2844.00	100.00	100.00	0.00	0.00	-2844.00	p22
11	5	0.85	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.86	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.87	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.88	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.89	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.9	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.91	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.92	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.93	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.94	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.95	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.96	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.97	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.98	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	5	0.99	0	0	5	12.8	0.00	76.80	0.00	0.00	100.00	0.00	-76.80	p22
11	10	0.85	0	0	16	4.8	0.00	28.82	6.21	6.21	61.17	380.03	351.21	p22
11	10	0.86	0	0	16	4.8	0.00	28.82	6.21	6.21	61.17	380.03	351.20	p22
11	10	0.87	0	0	16	4.8	0.00	28.83	6.21	6.21	61.17	380.03	351.20	p22
11	10	0.88	0	0	16	4.8	0.00	28.84	6.21	6.21	61.17	380.03	351.19	p22
11	10	0.89	0	0	16	4.8	0.00	28.85	6.21	6.21	61.17	380.03	351.18	p22
11	10	0.9	0	0	16	4.8	0.00	28.86	6.21	6.21	61.17	380.03	351.17	p22
11	10	0.91	0	0	16	4.8	0.00	28.88	6.21	6.21	61.17	380.03	351.15	p22
11	10	0.92	0	0	16	4.8	0.00	28.90	6.21	6.21	61.17	380.03	351.13	p22
11	10	0.93	0	0	16	4.8	0.00	28.92	6.21	6.21	61.17	380.03	351.11	p22
11	10	0.94	0	0	16	4.8	0.00	28.95	6.21	6.21	61.17	380.03	351.07	p22
11	10	0.95	0	0	16	4.8	0.00	29.00	6.21	6.21	61.17	380.03	351.03	p22
11	10	0.96	0	0	16	4.8	0.00	29.06	6.21	6.21	61.17	380.03	350.96	p22
11	10	0.97	0	0	16	4.8	0.00	29.18	6.21	6.21	61.17	380.03	350.85	p22
11	10	0.98	0	0	16	4.8	0.00	29.40	6.21	6.21	61.17	380.03	350.62	p22
11	10	0.99	0	0	16	4.8	0.00	30.08	6.21	6.21	61.17	380.03	349.95	p22
11	15	0.85	3	0	25	1.6	0.98	102.68	13.43	13.43	46.28	621.53	518.85	p22
11	15	0.86	3	0	25	1.6	0.98	105.49	13.43	13.43	46.28	621.53	516.05	p22
11	15	0.87	3	0	25	1.6	0.98	108.72	13.43	13.43	46.28	621.53	512.81	p22
11	15	0.88	3	0	25	1.6	0.98	112.50	13.43	13.43	46.28	621.53	509.03	p22
11	15	0.89	3	0	25	1.6	0.98	116.96	13.43	13.43	46.28	621.53	504.57	p22
11	15	0.9	3	0	25	1.6	0.98	122.32	13.43	13.43	46.28	621.53	499.22	p22
11	15	0.91	3	0	25	1.6	0.98	128.86	13.43	13.43	46.28	621.53	492.67	p22
11	15	0.92	3	0	25	1.6	0.98	137.04	13.43	13.43	46.28	621.53	484.49	p22
11	15	0.93	3	0	24	2.1	0.64	123.12	12.57	12.57	47.64	598.66	475.54	p22
11	15	0.94	3	0	24	2.1	0.64	132.21	12.57	12.57	47.64	598.66	466.45	p22
11	15	0.95	3	0	23	2.7	0.37	117.98	11.72	11.72	49.06	574.80	456.82	p22
11	15	0.96	3	0	23	2.7	0.37	129.04	11.72	11.72	49.06	574.80	445.75	p22
11	15	0.97	3	0	22	3.3	0.18	114.08	10.88	10.88	50.54	549.94	435.85	p22
11	15	0.98	3	1	22	4.2	0.04	126.35	10.88	10.88	50.54	549.94	423.59	p22
11	15	0.99	4	0	21	4.9	0.00	109.75	10.06	10.06	52.10	524.08	414.33	p22
11	20	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	20	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	20	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	20	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	20	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	20	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	20	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	20	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	20	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	20	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	20	0.95	8	0	28	3.1	0.22	203.90	16.10	16.10	42.49	684.22	480.32	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	20	0.96	8	0	28	3.1	0.22	210.53	16.10	16.10	42.49	684.22	473.69	p22
11	20	0.97	8	0	27	3.9	0.07	197.19	15.20	15.20	43.71	664.31	467.12	p22
11	20	0.98	8	0	27	3.9	0.07	204.38	15.20	15.20	43.71	664.31	459.93	p22
11	20	0.99	8	0	26	4.7	0.00	191.01	14.31	14.31	44.97	643.41	452.41	p22
11	25	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	25	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	25	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	25	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	25	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	25	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	25	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	25	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	25	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	25	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	25	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22
11	25	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	25	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	25	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	25	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
11	30	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	30	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	30	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	30	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	30	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	30	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	30	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	30	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	30	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	30	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	30	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22
11	30	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	30	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	30	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	30	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
11	35	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	35	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	35	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	35	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	35	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	35	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	35	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	35	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	35	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	35	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	35	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22
11	35	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	35	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	35	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	35	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
11	40	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	40	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	40	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	40	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	40	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	40	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	40	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	40	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	40	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	40	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	40	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	40	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	40	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	40	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	40	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
11	45	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	45	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	45	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	45	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	45	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	45	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	45	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	45	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	45	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	45	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	45	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22
11	45	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	45	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	45	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	45	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
11	50	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	50	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	50	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	50	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	50	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	50	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	50	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	50	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	50	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	50	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	50	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22
11	50	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	50	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	50	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	50	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
11	55	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	55	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	55	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	55	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	55	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	55	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	55	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	55	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	55	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	55	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	55	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22
11	55	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	55	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	55	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	55	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
11	60	0.85	6	0	29	1.2	1.26	170.24	17.02	17.02	41.32	702.46	532.23	p22
11	60	0.86	6	0	29	1.2	1.26	173.83	17.02	17.02	41.32	702.46	528.63	p22
11	60	0.87	6	0	29	1.2	1.26	177.98	17.02	17.02	41.32	702.46	524.48	p22
11	60	0.88	7	0	30	1.3	1.22	201.43	17.94	17.94	40.19	721.13	519.70	p22
11	60	0.89	7	0	30	1.3	1.22	206.98	17.94	17.94	40.19	721.13	514.15	p22
11	60	0.9	7	0	29	1.8	0.81	194.30	17.02	17.02	41.32	703.16	508.85	p22
11	60	0.91	7	0	29	1.8	0.81	199.68	17.02	17.02	41.32	703.16	503.48	p22
11	60	0.92	8	0	29	2.4	0.46	206.03	17.02	17.02	41.32	703.16	497.13	p22
11	60	0.93	8	0	29	2.4	0.46	210.91	17.02	17.02	41.32	703.16	492.25	p22
11	60	0.94	8	0	29	2.4	0.46	217.41	17.02	17.02	41.32	703.16	485.75	p22
11	60	0.95	9	0	29	3.2	0.20	222.31	17.02	17.02	41.32	703.16	480.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
11	60	0.96	9	0	29	3.2	0.20	228.41	17.02	17.02	41.32	703.16	474.75	p22
11	60	0.97	10	0	29	4.0	0.05	234.24	17.02	17.02	41.32	703.16	468.92	p22
11	60	0.98	10	0	29	4.0	0.05	239.41	17.02	17.02	41.32	703.16	463.75	p22
11	60	0.99	10	0	28	4.9	0.00	229.70	16.10	16.10	42.49	684.22	454.52	p22
12	0	0.85	0	84	100	0.1	4.05	2658.00	100.00	100.00	0.00	0.00	-2658.00	p22
12	0	0.86	0	85	100	0.2	3.20	2669.14	100.00	100.00	0.00	0.00	-2669.14	p22
12	0	0.87	0	85	100	0.2	3.20	2679.69	100.00	100.00	0.00	0.00	-2679.69	p22
12	0	0.88	0	86	100	0.5	2.45	2690.50	100.00	100.00	0.00	0.00	-2690.50	p22
12	0	0.89	0	86	100	0.5	2.45	2701.64	100.00	100.00	0.00	0.00	-2701.64	p22
12	0	0.9	0	87	100	0.8	1.80	2712.00	100.00	100.00	0.00	0.00	-2712.00	p22
12	0	0.91	0	88	100	1.3	1.25	2723.33	100.00	100.00	0.00	0.00	-2723.33	p22
12	0	0.92	0	88	100	1.3	1.25	2733.75	100.00	100.00	0.00	0.00	-2733.75	p22
12	0	0.93	0	89	100	1.8	0.80	2744.57	100.00	100.00	0.00	0.00	-2744.57	p22
12	0	0.94	0	89	100	1.8	0.80	2756.00	100.00	100.00	0.00	0.00	-2756.00	p22
12	0	0.95	0	90	100	2.5	0.45	2766.00	100.00	100.00	0.00	0.00	-2766.00	p22
12	0	0.96	0	91	100	3.2	0.20	2778.00	100.00	100.00	0.00	0.00	-2778.00	p22
12	0	0.97	0	91	100	3.2	0.20	2788.00	100.00	100.00	0.00	0.00	-2788.00	p22
12	0	0.98	0	92	100	4.1	0.05	2799.00	100.00	100.00	0.00	0.00	-2799.00	p22
12	0	0.99	0	92	100	4.1	0.05	2814.00	100.00	100.00	0.00	0.00	-2814.00	p22
12	5	0.85	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.86	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.87	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.88	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.89	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.9	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.91	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.92	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.93	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.94	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.95	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.96	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.97	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.98	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	5	0.99	0	0	5	14.5	0.00	86.70	0.00	0.00	100.00	0.00	-86.70	p22
12	10	0.85	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.86	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.87	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.88	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.89	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.9	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.91	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.92	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.93	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.94	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.95	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.96	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.97	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.98	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	10	0.99	0	0	16	5.8	0.00	34.91	6.21	6.21	61.17	380.03	345.11	p22
12	15	0.85	3	0	27	1.2	1.35	112.87	15.20	15.20	43.71	655.60	542.73	p22
12	15	0.86	3	0	26	1.6	0.93	103.93	14.31	14.31	44.97	643.41	539.48	p22
12	15	0.87	3	0	26	1.6	0.93	106.99	14.31	14.31	44.97	643.41	536.42	p22
12	15	0.88	3	0	26	1.6	0.93	110.56	14.31	14.31	44.97	643.41	532.85	p22
12	15	0.89	3	0	26	1.6	0.93	114.78	14.31	14.31	44.97	643.41	528.63	p22
12	15	0.9	3	0	26	1.6	0.93	119.84	14.31	14.31	44.97	643.41	523.57	p22
12	15	0.91	3	0	26	1.6	0.93	126.03	14.31	14.31	44.97	643.41	517.38	p22
12	15	0.92	3	0	26	1.6	0.93	133.77	14.31	14.31	44.97	643.41	509.65	p22
12	15	0.93	3	0	25	2.2	0.59	119.87	13.43	13.43	46.28	621.53	501.67	p22
12	15	0.94	3	0	25	2.2	0.59	128.28	13.43	13.43	46.28	621.53	493.26	p22
12	15	0.95	3	0	24	2.8	0.33	114.13	12.57	12.57	47.64	598.66	484.53	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
12	15	0.96	3	0	24	2.8	0.33	124.01	12.57	12.57	47.64	598.66	474.65	p22
12	15	0.97	3	0	23	3.4	0.15	109.16	11.72	11.72	49.06	574.80	465.63	p22
12	15	0.98	3	0	22	4.2	0.04	96.35	10.88	10.88	50.54	549.94	453.59	p22
12	15	0.99	3	1	23	4.3	0.03	131.10	11.72	11.72	49.06	574.80	443.70	p22
12	20	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	20	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	20	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	20	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	20	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	20	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	20	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	20	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	20	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	20	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	20	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22
12	20	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	20	0.97	8	0	28	4.0	0.06	195.53	16.10	16.10	42.49	684.22	488.69	p22
12	20	0.98	8	0	28	4.0	0.06	201.61	16.10	16.10	42.49	684.22	482.61	p22
12	20	0.99	8	0	27	4.8	0.00	190.00	15.20	15.20	43.71	664.31	474.31	p22
12	25	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	25	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	25	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	25	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	25	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	25	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	25	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	25	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	25	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	25	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	25	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22
12	25	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	25	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	25	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	25	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
12	30	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	30	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	30	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	30	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	30	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	30	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	30	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	30	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	30	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	30	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	30	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22
12	30	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	30	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	30	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	30	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
12	35	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	35	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	35	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	35	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	35	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	35	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	35	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	35	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	35	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	35	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	35	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
12	35	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	35	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	35	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	35	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
12	40	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	40	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	40	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	40	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	40	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	40	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	40	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	40	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	40	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	40	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	40	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22
12	40	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	40	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	40	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	40	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
12	45	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	45	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	45	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	45	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	45	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	45	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	45	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	45	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	45	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	45	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	45	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22
12	45	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	45	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	45	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	45	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
12	50	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	50	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	50	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	50	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	50	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	50	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	50	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	50	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	50	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	50	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	50	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22
12	50	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	50	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	50	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	50	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
12	55	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	55	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	55	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	55	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	55	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	55	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	55	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	55	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	55	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	55	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	55	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
12	55	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	55	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	55	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	55	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
12	60	0.85	5	0	29	1.2	1.26	150.24	17.02	17.02	41.32	702.46	552.23	p22
12	60	0.86	5	0	29	1.2	1.26	153.83	17.02	17.02	41.32	702.46	548.63	p22
12	60	0.87	5	0	29	1.2	1.26	157.98	17.02	17.02	41.32	702.46	544.48	p22
12	60	0.88	6	0	30	1.3	1.22	181.43	17.94	17.94	40.19	721.13	539.70	p22
12	60	0.89	6	0	30	1.3	1.22	186.98	17.94	17.94	40.19	721.13	534.15	p22
12	60	0.9	6	0	29	1.8	0.81	174.30	17.02	17.02	41.32	703.16	528.85	p22
12	60	0.91	6	0	29	1.8	0.81	179.68	17.02	17.02	41.32	703.16	523.48	p22
12	60	0.92	7	0	29	2.4	0.46	186.03	17.02	17.02	41.32	703.16	517.13	p22
12	60	0.93	7	0	29	2.4	0.46	190.91	17.02	17.02	41.32	703.16	512.25	p22
12	60	0.94	7	0	29	2.4	0.46	197.41	17.02	17.02	41.32	703.16	505.75	p22
12	60	0.95	8	0	29	3.2	0.20	202.31	17.02	17.02	41.32	703.16	500.85	p22
12	60	0.96	8	0	29	3.2	0.20	208.41	17.02	17.02	41.32	703.16	494.75	p22
12	60	0.97	9	0	29	4.0	0.05	214.24	17.02	17.02	41.32	703.16	488.92	p22
12	60	0.98	9	0	29	4.0	0.05	219.41	17.02	17.02	41.32	703.16	483.75	p22
12	60	0.99	9	0	28	4.9	0.00	209.70	16.10	16.10	42.49	684.22	474.52	p22
13	0	0.85	0	83	100	0.1	4.05	2628.00	100.00	100.00	0.00	0.00	-2628.00	p22
13	0	0.86	0	84	100	0.2	3.20	2639.14	100.00	100.00	0.00	0.00	-2639.14	p22
13	0	0.87	0	84	100	0.2	3.20	2649.69	100.00	100.00	0.00	0.00	-2649.69	p22
13	0	0.88	0	85	100	0.5	2.45	2660.50	100.00	100.00	0.00	0.00	-2660.50	p22
13	0	0.89	0	85	100	0.5	2.45	2671.64	100.00	100.00	0.00	0.00	-2671.64	p22
13	0	0.9	0	86	100	0.8	1.80	2682.00	100.00	100.00	0.00	0.00	-2682.00	p22
13	0	0.91	0	87	100	1.3	1.25	2693.33	100.00	100.00	0.00	0.00	-2693.33	p22
13	0	0.92	0	87	100	1.3	1.25	2703.75	100.00	100.00	0.00	0.00	-2703.75	p22
13	0	0.93	0	88	100	1.8	0.80	2714.57	100.00	100.00	0.00	0.00	-2714.57	p22
13	0	0.94	0	88	100	1.8	0.80	2726.00	100.00	100.00	0.00	0.00	-2726.00	p22
13	0	0.95	0	89	100	2.5	0.45	2736.00	100.00	100.00	0.00	0.00	-2736.00	p22
13	0	0.96	0	90	100	3.2	0.20	2748.00	100.00	100.00	0.00	0.00	-2748.00	p22
13	0	0.97	0	90	100	3.2	0.20	2758.00	100.00	100.00	0.00	0.00	-2758.00	p22
13	0	0.98	0	91	100	4.1	0.05	2769.00	100.00	100.00	0.00	0.00	-2769.00	p22
13	0	0.99	0	91	100	4.1	0.05	2784.00	100.00	100.00	0.00	0.00	-2784.00	p22
13	5	0.85	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.86	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.87	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.88	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.89	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.9	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.91	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.92	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.93	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.94	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.95	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.96	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.97	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.98	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	5	0.99	0	0	5	16.2	0.00	97.20	0.00	0.00	100.00	0.00	-97.20	p22
13	10	0.85	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.86	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.87	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.88	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.89	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.9	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.91	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.92	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.93	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.94	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.95	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
13	10	0.96	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.97	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.98	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	10	0.99	0	0	16	6.9	0.00	41.68	6.21	6.21	61.17	380.03	338.34	p22
13	15	0.85	3	0	28	1.2	1.30	111.45	16.10	16.10	42.49	679.88	568.43	p22
13	15	0.86	3	0	28	1.2	1.30	115.17	16.10	16.10	42.49	679.88	564.71	p22
13	15	0.87	3	0	28	1.2	1.30	119.46	16.10	16.10	42.49	679.88	560.42	p22
13	15	0.88	3	0	27	1.7	0.88	108.89	15.20	15.20	43.71	664.31	555.42	p22
13	15	0.89	3	0	27	1.7	0.88	112.90	15.20	15.20	43.71	664.31	551.41	p22
13	15	0.9	3	0	27	1.7	0.88	117.71	15.20	15.20	43.71	664.31	546.60	p22
13	15	0.91	3	0	27	1.7	0.88	123.58	15.20	15.20	43.71	664.31	540.72	p22
13	15	0.92	3	0	27	1.7	0.88	130.93	15.20	15.20	43.71	664.31	533.38	p22
13	15	0.93	3	0	26	2.2	0.55	117.07	14.31	14.31	44.97	643.41	526.35	p22
13	15	0.94	3	0	26	2.2	0.55	124.89	14.31	14.31	44.97	643.41	518.53	p22
13	15	0.95	3	0	25	2.9	0.30	110.88	13.43	13.43	46.28	621.53	510.66	p22
13	15	0.96	3	0	25	2.9	0.30	119.74	13.43	13.43	46.28	621.53	501.79	p22
13	15	0.97	3	0	24	3.6	0.12	105.15	12.57	12.57	47.64	598.66	493.51	p22
13	15	0.98	3	0	23	4.3	0.03	93.40	11.72	11.72	49.06	574.80	481.40	p22
13	15	0.99	3	0	23	4.3	0.03	101.10	11.72	11.72	49.06	574.80	473.70	p22
13	20	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	20	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	20	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	20	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	20	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	20	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	20	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	20	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	20	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	20	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	20	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22
13	20	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	20	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	20	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	20	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	25	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	25	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	25	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	25	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	25	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	25	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	25	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	25	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	25	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	25	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	25	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22
13	25	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	25	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	25	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	25	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	30	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	30	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	30	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	30	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	30	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	30	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	30	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	30	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	30	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	30	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	30	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
13	30	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	30	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	30	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	30	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	35	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	35	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	35	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	35	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	35	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	35	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	35	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	35	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	35	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	35	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	35	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22
13	35	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	35	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	35	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	35	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	40	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	40	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	40	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	40	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	40	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	40	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	40	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	40	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	40	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	40	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	40	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22
13	40	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	40	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	40	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	40	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	45	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	45	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	45	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	45	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	45	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	45	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	45	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	45	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	45	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	45	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	45	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22
13	45	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	45	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	45	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	45	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	50	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	50	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	50	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	50	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	50	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	50	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	50	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	50	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	50	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	50	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	50	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
13	50	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	50	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	50	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	50	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	55	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	55	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	55	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	55	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	55	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	55	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	55	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	55	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	55	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	55	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	55	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22
13	55	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	55	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	55	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	55	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
13	60	0.85	4	0	29	1.2	1.26	130.24	17.02	17.02	41.32	702.46	572.23	p22
13	60	0.86	4	0	29	1.2	1.26	133.83	17.02	17.02	41.32	702.46	568.63	p22
13	60	0.87	4	0	29	1.2	1.26	137.98	17.02	17.02	41.32	702.46	564.48	p22
13	60	0.88	5	0	30	1.3	1.22	161.43	17.94	17.94	40.19	721.13	559.70	p22
13	60	0.89	5	0	30	1.3	1.22	166.98	17.94	17.94	40.19	721.13	554.15	p22
13	60	0.9	5	0	29	1.8	0.81	154.30	17.02	17.02	41.32	703.16	548.85	p22
13	60	0.91	5	0	29	1.8	0.81	159.68	17.02	17.02	41.32	703.16	543.48	p22
13	60	0.92	6	0	29	2.4	0.46	166.03	17.02	17.02	41.32	703.16	537.13	p22
13	60	0.93	6	0	29	2.4	0.46	170.91	17.02	17.02	41.32	703.16	532.25	p22
13	60	0.94	6	0	29	2.4	0.46	177.41	17.02	17.02	41.32	703.16	525.75	p22
13	60	0.95	7	0	29	3.2	0.20	182.31	17.02	17.02	41.32	703.16	520.85	p22
13	60	0.96	7	0	29	3.2	0.20	188.41	17.02	17.02	41.32	703.16	514.75	p22
13	60	0.97	8	0	29	4.0	0.05	194.24	17.02	17.02	41.32	703.16	508.92	p22
13	60	0.98	8	0	29	4.0	0.05	199.41	17.02	17.02	41.32	703.16	503.75	p22
13	60	0.99	8	0	28	4.9	0.00	189.70	16.10	16.10	42.49	684.22	494.52	p22
14	0	0.85	0	82	100	0.1	4.05	2598.00	100.00	100.00	0.00	0.00	-2598.00	p22
14	0	0.86	0	83	100	0.2	3.20	2609.14	100.00	100.00	0.00	0.00	-2609.14	p22
14	0	0.87	0	83	100	0.2	3.20	2619.69	100.00	100.00	0.00	0.00	-2619.69	p22
14	0	0.88	0	84	100	0.5	2.45	2630.50	100.00	100.00	0.00	0.00	-2630.50	p22
14	0	0.89	0	84	100	0.5	2.45	2641.64	100.00	100.00	0.00	0.00	-2641.64	p22
14	0	0.9	0	85	100	0.8	1.80	2652.00	100.00	100.00	0.00	0.00	-2652.00	p22
14	0	0.91	0	86	100	1.3	1.25	2663.33	100.00	100.00	0.00	0.00	-2663.33	p22
14	0	0.92	0	86	100	1.3	1.25	2673.75	100.00	100.00	0.00	0.00	-2673.75	p22
14	0	0.93	0	87	100	1.8	0.80	2684.57	100.00	100.00	0.00	0.00	-2684.57	p22
14	0	0.94	0	87	100	1.8	0.80	2696.00	100.00	100.00	0.00	0.00	-2696.00	p22
14	0	0.95	0	88	100	2.5	0.45	2706.00	100.00	100.00	0.00	0.00	-2706.00	p22
14	0	0.96	0	89	100	3.2	0.20	2718.00	100.00	100.00	0.00	0.00	-2718.00	p22
14	0	0.97	0	89	100	3.2	0.20	2728.00	100.00	100.00	0.00	0.00	-2728.00	p22
14	0	0.98	0	90	100	4.1	0.05	2739.00	100.00	100.00	0.00	0.00	-2739.00	p22
14	0	0.99	0	90	100	4.1	0.05	2754.00	100.00	100.00	0.00	0.00	-2754.00	p22
14	5	0.85	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.86	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.87	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.88	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.89	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.9	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.91	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.92	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.93	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.94	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.95	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
14	5	0.96	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.97	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.98	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	5	0.99	0	0	5	18.1	0.00	108.30	0.00	0.00	100.00	0.00	-108.30	p22
14	10	0.85	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.86	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.87	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.88	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.89	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.9	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.91	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.92	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.93	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.94	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.95	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.96	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.97	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.98	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	10	0.99	0	0	16	8.2	0.00	49.06	6.21	6.21	61.17	380.03	330.97	p22
14	15	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	15	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	15	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	15	0.88	3	0	29	1.2	1.26	122.82	17.02	17.02	41.32	702.46	579.64	p22
14	15	0.89	3	0	29	1.2	1.26	128.54	17.02	17.02	41.32	702.46	573.92	p22
14	15	0.9	3	0	28	1.7	0.84	115.87	16.10	16.10	42.49	684.22	568.35	p22
14	15	0.91	3	0	28	1.7	0.84	121.48	16.10	16.10	42.49	684.22	562.74	p22
14	15	0.92	3	0	28	1.7	0.84	128.49	16.10	16.10	42.49	684.22	555.73	p22
14	15	0.93	3	0	27	2.3	0.51	114.67	15.20	15.20	43.71	664.31	549.64	p22
14	15	0.94	3	0	27	2.3	0.51	121.98	15.20	15.20	43.71	664.31	542.33	p22
14	15	0.95	3	0	26	3.0	0.27	108.13	14.31	14.31	44.97	643.41	535.28	p22
14	15	0.96	3	0	26	3.0	0.27	116.12	14.31	14.31	44.97	643.41	527.29	p22
14	15	0.97	3	0	25	3.7	0.10	101.89	13.43	13.43	46.28	621.53	519.64	p22
14	15	0.98	3	0	25	3.7	0.10	112.13	13.43	13.43	46.28	621.53	509.40	p22
14	15	0.99	3	0	24	4.4	0.02	96.24	12.57	12.57	47.64	598.66	502.42	p22
14	20	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	20	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	20	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	20	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	20	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	20	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	20	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	20	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	20	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	20	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	20	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22
14	20	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	20	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	20	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	20	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	25	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	25	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	25	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	25	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	25	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	25	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	25	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	25	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	25	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	25	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	25	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
14	25	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	25	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	25	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	25	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	30	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	30	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	30	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	30	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	30	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	30	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	30	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	30	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	30	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	30	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	30	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22
14	30	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	30	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	30	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	30	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	35	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	35	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	35	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	35	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	35	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	35	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	35	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	35	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	35	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	35	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	35	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22
14	35	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	35	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	35	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	35	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	40	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	40	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	40	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	40	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	40	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	40	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	40	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	40	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	40	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	40	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	40	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22
14	40	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	40	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	40	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	40	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	45	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	45	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	45	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	45	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	45	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	45	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	45	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	45	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	45	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	45	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	45	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
14	45	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	45	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	45	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	45	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	50	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	50	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	50	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	50	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	50	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	50	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	50	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	50	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	50	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	50	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	50	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22
14	50	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	50	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	50	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	50	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	55	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	55	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	55	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	55	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	55	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	55	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	55	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	55	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	55	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	55	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	55	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22
14	55	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	55	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	55	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	55	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
14	60	0.85	3	0	29	1.2	1.26	110.24	17.02	17.02	41.32	702.46	592.23	p22
14	60	0.86	3	0	29	1.2	1.26	113.83	17.02	17.02	41.32	702.46	588.63	p22
14	60	0.87	3	0	29	1.2	1.26	117.98	17.02	17.02	41.32	702.46	584.48	p22
14	60	0.88	4	0	30	1.3	1.22	141.43	17.94	17.94	40.19	721.13	579.70	p22
14	60	0.89	4	0	30	1.3	1.22	146.98	17.94	17.94	40.19	721.13	574.15	p22
14	60	0.9	4	0	29	1.8	0.81	134.30	17.02	17.02	41.32	703.16	568.85	p22
14	60	0.91	4	0	29	1.8	0.81	139.68	17.02	17.02	41.32	703.16	563.48	p22
14	60	0.92	5	0	29	2.4	0.46	146.03	17.02	17.02	41.32	703.16	557.13	p22
14	60	0.93	5	0	29	2.4	0.46	150.91	17.02	17.02	41.32	703.16	552.25	p22
14	60	0.94	5	0	29	2.4	0.46	157.41	17.02	17.02	41.32	703.16	545.75	p22
14	60	0.95	6	0	29	3.2	0.20	162.31	17.02	17.02	41.32	703.16	540.85	p22
14	60	0.96	6	0	29	3.2	0.20	168.41	17.02	17.02	41.32	703.16	534.75	p22
14	60	0.97	7	0	29	4.0	0.05	174.24	17.02	17.02	41.32	703.16	528.92	p22
14	60	0.98	7	0	29	4.0	0.05	179.41	17.02	17.02	41.32	703.16	523.75	p22
14	60	0.99	7	0	28	4.9	0.00	169.70	16.10	16.10	42.49	684.22	514.52	p22
15	0	0.85	0	81	100	0.1	4.05	2568.00	100.00	100.00	0.00	0.00	-2568.00	p22
15	0	0.86	0	82	100	0.2	3.20	2579.14	100.00	100.00	0.00	0.00	-2579.14	p22
15	0	0.87	0	82	100	0.2	3.20	2589.69	100.00	100.00	0.00	0.00	-2589.69	p22
15	0	0.88	0	83	100	0.5	2.45	2600.50	100.00	100.00	0.00	0.00	-2600.50	p22
15	0	0.89	0	83	100	0.5	2.45	2611.64	100.00	100.00	0.00	0.00	-2611.64	p22
15	0	0.9	0	84	100	0.8	1.80	2622.00	100.00	100.00	0.00	0.00	-2622.00	p22
15	0	0.91	0	85	100	1.3	1.25	2633.33	100.00	100.00	0.00	0.00	-2633.33	p22
15	0	0.92	0	85	100	1.3	1.25	2643.75	100.00	100.00	0.00	0.00	-2643.75	p22
15	0	0.93	0	86	100	1.8	0.80	2654.57	100.00	100.00	0.00	0.00	-2654.57	p22
15	0	0.94	0	86	100	1.8	0.80	2666.00	100.00	100.00	0.00	0.00	-2666.00	p22
15	0	0.95	0	87	100	2.5	0.45	2676.00	100.00	100.00	0.00	0.00	-2676.00	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
15	0	0.96	0	88	100	3.2	0.20	2688.00	100.00	100.00	0.00	0.00	-2688.00	p22
15	0	0.97	0	88	100	3.2	0.20	2698.00	100.00	100.00	0.00	0.00	-2698.00	p22
15	0	0.98	0	89	100	4.1	0.05	2709.00	100.00	100.00	0.00	0.00	-2709.00	p22
15	0	0.99	0	89	100	4.1	0.05	2724.00	100.00	100.00	0.00	0.00	-2724.00	p22
15	5	0.85	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.86	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.87	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.88	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.89	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.9	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.91	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.92	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.93	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.94	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.95	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.96	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.97	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.98	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	5	0.99	0	0	5	20.0	0.00	120.00	0.00	0.00	100.00	0.00	-120.00	p22
15	10	0.85	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.86	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.87	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.88	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.89	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.9	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.91	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.92	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.93	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.94	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.95	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.96	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.97	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.98	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	10	0.99	0	0	16	9.5	0.00	57.03	6.21	6.21	61.17	380.03	323.00	p22
15	15	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	15	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	15	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	15	0.88	2	0	29	1.2	1.26	102.82	17.02	17.02	41.32	702.46	599.64	p22
15	15	0.89	2	0	29	1.2	1.26	108.54	17.02	17.02	41.32	702.46	593.92	p22
15	15	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	15	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	15	0.92	3	0	29	1.8	0.81	126.41	17.02	17.02	41.32	703.16	576.75	p22
15	15	0.93	3	0	28	2.4	0.48	112.63	16.10	16.10	42.49	684.22	571.59	p22
15	15	0.94	3	0	28	2.4	0.48	119.50	16.10	16.10	42.49	684.22	564.72	p22
15	15	0.95	3	0	27	3.0	0.24	105.82	15.20	15.20	43.71	664.31	558.48	p22
15	15	0.96	3	0	27	3.0	0.24	113.08	15.20	15.20	43.71	664.31	551.23	p22
15	15	0.97	3	0	26	3.8	0.09	99.28	14.31	14.31	44.97	643.41	544.14	p22
15	15	0.98	3	0	26	3.8	0.09	107.84	14.31	14.31	44.97	643.41	535.57	p22
15	15	0.99	3	0	25	4.6	0.01	92.99	13.43	13.43	46.28	621.53	528.54	p22
15	20	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	20	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	20	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	20	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	20	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	20	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	20	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	20	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	20	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	20	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	20	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
15	20	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	20	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	20	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	20	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	25	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	25	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	25	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	25	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	25	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	25	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	25	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	25	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	25	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	25	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	25	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22
15	25	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	25	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	25	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	25	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	30	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	30	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	30	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	30	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	30	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	30	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	30	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	30	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	30	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	30	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	30	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22
15	30	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	30	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	30	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	30	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	35	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	35	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	35	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	35	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	35	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	35	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	35	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	35	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	35	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	35	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	35	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22
15	35	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	35	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	35	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	35	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	40	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	40	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	40	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	40	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	40	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	40	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	40	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	40	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	40	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	40	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	40	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22

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Table B.3 – *Continued from previous the page*

y	K	cf	q^m	q^r	d	ha	ba	tcost	lc	tdem	p	trev	profit	pt
15	40	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	40	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	40	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	40	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	45	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	45	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	45	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	45	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	45	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	45	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	45	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	45	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	45	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	45	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	45	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22
15	45	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	45	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	45	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	45	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	50	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	50	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	50	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	50	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	50	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	50	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	50	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	50	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	50	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	50	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	50	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22
15	50	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	50	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	50	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	50	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	55	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	55	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	55	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	55	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	55	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	55	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	55	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	55	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	55	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	55	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	55	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22
15	55	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	55	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	55	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	55	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22
15	60	0.85	2	0	29	1.2	1.26	90.24	17.02	17.02	41.32	702.46	612.23	p22
15	60	0.86	2	0	29	1.2	1.26	93.83	17.02	17.02	41.32	702.46	608.63	p22
15	60	0.87	2	0	29	1.2	1.26	97.98	17.02	17.02	41.32	702.46	604.48	p22
15	60	0.88	3	0	30	1.3	1.22	121.43	17.94	17.94	40.19	721.13	599.70	p22
15	60	0.89	3	0	30	1.3	1.22	126.98	17.94	17.94	40.19	721.13	594.15	p22
15	60	0.9	3	0	29	1.8	0.81	114.30	17.02	17.02	41.32	703.16	588.85	p22
15	60	0.91	3	0	29	1.8	0.81	119.68	17.02	17.02	41.32	703.16	583.48	p22
15	60	0.92	4	0	29	2.4	0.46	126.03	17.02	17.02	41.32	703.16	577.13	p22
15	60	0.93	4	0	29	2.4	0.46	130.91	17.02	17.02	41.32	703.16	572.25	p22
15	60	0.94	4	0	29	2.4	0.46	137.41	17.02	17.02	41.32	703.16	565.75	p22
15	60	0.95	5	0	29	3.2	0.20	142.31	17.02	17.02	41.32	703.16	560.85	p22

Continued on the next page

Table B.3 – *Continued from previous the page*

y	**K**	**cf**	q^m	q^r	**d**	**ha**	**ba**	**tcost**	**lc**	**tdem**	**p**	**trev**	**profit**	**pt**
15	60	0.96	5	0	29	3.2	0.20	148.41	17.02	17.02	41.32	703.16	554.75	p22
15	60	0.97	6	0	29	4.0	0.05	154.24	17.02	17.02	41.32	703.16	548.92	p22
15	60	0.98	6	0	29	4.0	0.05	159.41	17.02	17.02	41.32	703.16	543.75	p22
15	60	0.99	6	0	28	4.9	0.00	149.70	16.10	16.10	42.49	684.22	534.52	p22

Curriculum Vitae

Burak Erkan KAYA was born on 7 August 1986, in İstanbul. He received his BSc degree in Maritime and Transportation Engineering from İstanbul University in 2015. He started his master study in 2016 at Işık University. His fields of interests are optimization, data mining, supply chain management and inventory control. He intends to continue his academic studies.

Conference Presentation

[1]"Inventory Management and Pricing in Existence of Secondary Markets.", 37th National Operations Research and Industrial Engineering Congress, Yıldız Technical University, İstanbul, 2017.