

More Facts About Prices

Supplement to: “Five Facts About Prices: A Reevaluation of Menu Cost Models”

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1 Comparison to Bils and Klenow (2004)

Bils and Klenow (2004) report that the median frequency of price change including price changes that occur because of sales and product substitution in 1995-1997 was 20.9%. The corresponding median implied duration is 4.3 months. We report that the median frequency of price change excluding sales and substitutions for the period 1988-2005 ranges from 9-12%. It is useful to decompose the difference between these numbers and those reported by Bils and Klenow (2004). There are three main differences. First, our sample period is different from theirs. Second, their estimates include price changes due to product substitutions. Third, we account for sales at the product level, while their results include price changes due to sales. Table 1 decomposes the difference between our results and those of Bils and Klenow into these three components. Since the implied duration is a non-linear function of the frequency of price change, the decomposition depends on the order in which these three features are considered. In all four cases, including sales roughly doubles the median frequency of price change.

Bils and Klenow (2004) also present a statistic on the frequency of price change adjusted for sales. Because of data limitations, they were not able to adjust for sales at the good level. Instead, they adjusted the median frequency of price change by the fraction of price changes due to sales in the entire data set. This procedure yields an estimate of the sales adjusted median duration of 5.5 months. It is a valid adjustment for sales under the assumption that sales account for the same fraction of price changes in all sectors. As we discuss in our paper, this assumption is dramatically at odds with the data.

2 Product Flexibility vs. Price Flexibility

Some sectors of the economy—particularly certain types of durable goods—exhibit a substantial amount of product turnover. Since product introduction involves a pricing decision, product introduction is an additional source of price flexibility. However, since the decision to introduce a new product is influenced by many other factors than a firm’s desire to change its price, product introduction should be treated differently than a price change for an identical item in a menu cost model. The CPI research database provides an imperfect measure of product introduction by providing an indicator of whether a product undergoes a “forced substitution”. A forced substitution occurs if the BLS is forced to stop sampling a product because it becomes permanently unavailable.

The main complication that arises in trying to relate the frequency of “forced substitutions” to the frequency of product introduction is that the CPI research database does not follow products over their entire lifetime. Following a forced substitution, BLS procedure for choosing a new product to sample tends to lead to the selection of older products rather than products that have been recently introduced.¹ If older products are more likely to become permanently unavailable than new ones (e.g., if there is an upward sloping hazard of product death) then the average frequency of forced product substitution is an upward biased measure of the average frequency of product introduction. For example, Lancaster (1990) shows that if all products have a fixed lifetime, then the average time until a product exits is only half of its expected lifetime of the product.²

Despite these caveats, the frequency of forced substitutions provides useful information on the frequency product turnover. We measure the frequency of forced substitutions as a fraction of the total product lifetime.³ Table 2 presents the frequency of substitutions based on this measure for our Major Groups, as well as the frequency of price change plus substitutions for each major group.⁴ Table 3 divides the major groups into 4 groups based on price flexibility and product

¹Specifically, when a product in the dataset becomes unavailable, BLS pricing agents are instructed to substitute to the most similar available product. In sectors where “fashion” is important, this is likely to be an older product.

²Only in the case of a constant hazard of product exit does the average duration until a product exits coincide with the average lifetime of the product (Lancaster, 1990).

³We define a product’s lifetime as the total time the product is priced and available, where we also include periods where the product is temporarily unavailable for 5 months or less. This definition is meant to capture the idea that permanent product exits are likely to be followed by new product introductions; but a new product introduction is less likely to occur when the product is only temporarily absent. In this definition, we do not include any time periods after the last period when the product is priced and available. This measure differs from the measure presented in Bils and Klenow (2004), who define the frequency of substitutions as a fraction of the total number of prices collected. Since we are mainly interested in product substitutions as a free opportunity for the firm to adjust prices, we do not include product substitutions for which the price of the new product is observed in the months immediately after the substitution and is the same as the price of the old product. This occurs a small fraction of the time in most product categories.

⁴In Table 2, we construct the measure of the frequency of price change including substitutions by simply treating substitutions in an analogous way to price changes. In other words, we calculate the frequency of price change ignoring whether there was a substitution in a given sequence of quotes collected by the BLS. This provides a mechanical

flexibility. We define a major group as exhibiting high price flexibility if the median frequency of regular price change is 12% or more. Similarly, we define a major group as exhibiting high product flexibility if the median frequency of forced substitutions is 3% or more. Table 4 presents the expenditure weights for the four different categories, based on applying this taxonomy to ELI-level data. The figure shows that roughly 38% of the products (expenditure weighted) fall into the low price flexibility-low product flexibility category; roughly 23% fall into the low price flexibility-high product flexibility category; roughly 30% fall into the high price flexibility-low product flexibility category; and finally roughly 10% fall into the high price flexibility-high product flexibility category. The underlying data on substitutions at the level of individual ELI's are presented in table 20.

Product flexibility and price flexibility may affect monetary non-neutrality in substantially different ways in a menu cost model. One simple model is that product introduction is motivated largely by variation in tastes (e.g. fashion) and technology (e.g. new inventions) that are exogenous to the firm's pricing problem. In this model, new product introductions provide the firm with a free, random opportunity to change its price. Nakamura and Steinsson (2007) show that in such a model, the effect of increasing the frequency of new product introductions on monetary non-neutrality is about 5 times less than the effect of increasing the frequency of price change of identical products. This difference arises from the importance of the "selection effect" in determining monetary non-neutrality in the menu cost model. Intuitively, while a monetary shock disproportionately causes price increases among products with low real prices, it does not have an analogous effect on price changes associated with product substitution.

An empirical fact that underlies the importance of distinguishing between substitutions and other types of price changes is that product substitution has striking seasonal patterns. The seasonal patterns in product substitution are different, and much larger from the seasonal patterns of price adjustment. Figure 1 presents the frequency of product substitution by month for the sectors in which product substitution is most important: Household Furnishings, Apparel, Transportation Goods and Recreation Goods. Both Apparel and Transportation Goods (in which cars play an important role) have extremely strong seasonal patterns in product substitution. In Apparel, the frequency of product substitution increases 4 fold at the end of the fall and spring clothing seasons. Similarly, in Transportation Goods, the frequency of product substitution rises 5 fold at the end of the car model year in October and November. Figure 1 shows that these seasonal patterns in substitution have been highly stable between the 1988-1997 and 1998-2005 periods.

answer to the question of how substitutions affect the frequency of price change. Yet, the question of how to construct the appropriate measure of the frequency of price change, taking account of the effects of product introduction, is subtle. We present an alternative approach to estimating the impact of product introductions on the frequency of price change in Table 9.

3 Sale Filters and V-Shaped Sales

The CPI research database provides useful information on the timing of sales in the form of a “sale flag” indicating whether a product is marked as “on sale”. This procedure has also been used in a number of previous papers (Bils and Klenow, 2004; Klenow and Kryvtsov, 2005; Klenow and Kryvtsov, 2007). Table 5 presents basic statistics on the prevalence of sales. The table shows that the expenditure-weighted fraction of price changes due to sales is approximately 21%, the same fraction reported in earlier work by Bils and Klenow (2004).

An alternative approach to identifying sales is to look for “V-shaped” patterns in the data and identify these patterns as sales. This can be done using a “sale filter” algorithm. There are three main empirical drawbacks of the sale filter approach as a mechanism for identifying V-shaped sales. First, since the prices of the goods are observed at a monthly frequency, a simple sale filter that excludes only V-shaped sales would not be able to identify V-shaped sales that are followed by a regular price change within the same month. For example, consider a good that goes on sale for one week, reverts to the original price following the sale, but subsequently experiences a regular price change before the BLS price collector returns to the store. The simple sale filter would not identify this price pattern as a “sale”, even though the true pattern of prices (unobserved in monthly data) exhibited a V-shaped pattern. Another type of event that would not be captured by a V-shaped filter is if the good is on sale twice in a row when the BLS price collector samples it but at a different sale price—say a 30% discount and then a 50% discount.

Second, in some categories with highly volatile prices, such as gasoline, sale filters may identify sales even when there are none. In these categories, sale filters may identify “V-shaped” price patterns simply because prices tend to change by discrete amounts—e.g., from \$2.49 to \$2.59. For this reason, sales filters will indicate that gasoline is on sale a significant fraction of the time, while the BLS sale flag indicates that there are virtually no sales in the gasoline category.

Third, sales filters do not capture “clearance sales”. Clearance sales are sales that occur before a good is discontinued. It is difficult to capture such sales using sales filters because not subsequent regular price is observed after the sale. We discuss clearance sales in section 4, below.

Nevertheless, the sale filter approach clearly provides useful information about both the nature of price adjustment as well as the definition of the “sale flag” variable. We consider two types of sale filters. Sale filter B removes price patterns in which the price returns to the original price within a set number of months without going above the original price. Sales filter A is designed to also remove price patterns in which a sale is followed by a change in the regular price, i.e. asymmetric V’s. These procedures are described in detail in Appendix A. For each type of filter we consider different windows between 1 and 5 months. For example, for the 2 month case, we require that the

price return to the original regular price in the first two months after the price decline occurs. If the product remains at a low price or is not available when the price collector returns in the first two months, then the original price decline is not defined as a sale.

Table 6 presents median statistics on the frequency of price change for sale filters A and B with windows 1 and 5 for both Major Groups and the entire dataset. The extent of discrepancy of statistics obtained from the BLS sale flag and those based on the sale filter approach depends on the product category. The frequency of price change based on the sale filtered data is similar (or lower) in Unprocessed and Processed Food, than the statistics based on excluding price changes based on the BLS sale flag, but substantially higher in Household Furnishings and Apparel.

The overall weighted median frequency of price change based on the sale filter B with a window of 5 months is 12.3% for the 1998-2005 period. The overall weighted median frequency of price change based on the more complex sale filter A is 11.0% over this period. This statistic is similar to the weighted median frequency of price change that uses the sales flag to exclude all sales except for clearance sales. However, depending on how one parameterizes the sale filter, and depending on whether product substitutions are included as price changes, one can get substantially different answers for the median frequency of price change. In particular, if one assumes a window of one month and includes substitutions as price changes, the frequency of price change rises to 16.4%. For alternative choices of the window and the decision of whether to include substitutions, one can obtain a variety of intermediate values between 11.4% and 16.4%. The underlying data at the level of individual ELI's are presented in table 21.

4 Clearance Sales

We have emphasized that the empirical behavior of prices is different when products are on sale than during other periods. Broadly speaking, theories of sales may be divided into two categories: price discrimination and inventory management. Pashigian (1988) develops a theory of clearance sales based on uncertainty about consumer tastes for fashion. Such theories suggest that clearance sales may have fundamentally different causes and consequences than other types of sales. In this section, we therefore provide additional statistics on the behavior of clearance sales and the frequency of price change excluding and including clearance sales.

Empirically, we define clearance sales as all sales for which the same item is never again observed at a non-sale price.⁵ Table 7 presents statistics on the prevalence and characteristics of clearance sales by major group. For comparison, table 7 also reports a number of statistics about the behavior

⁵We also require that the item exits the dataset due to a "forced item substitution" rather than for BLS procedural reasons.

of prices during other periods.

Table 7 presents data on the weighted median frequency of price change within major groups excluding all sales *except* clearance sales for both major groups and the entire economy. Overall, a measure of the frequency of price change that excludes all sales *except* for clearance sales yields a weighted median frequency of price change for the 1998-2005 period of 10.7% versus 8.7% when clearance sales are also excluded. The underlying data at the level of individual ELI's are presented in table 21.

The effect of clearance sales is by far most important in the apparel category. In Apparel, clearance sales play a crucial role, accounting for 14.7% of all price changes and 11.7% of all price observations for the weighted median product category. As a consequence, clearance sales substantially increase the frequency of price change in Apparel, raising the weighted median frequency of price change from 3.6% to 13.3%. Clearance sales play a smaller role in Household Furnishings and Recreation goods, and essentially no role in other product categories.⁶

Not surprisingly, a prominent empirical feature of clearance sales is that a very high fraction of price changes during clearance sales are price decreases. In most categories, the median fraction of price changes that are price increases during clearance sales is extremely low. For example, in Apparel, only 13% of price changes during clearance sales are price increases; whereas 57% of price changes are price increases during non-sale periods.

From a theoretical standpoint an important characteristic of sale price changes is that they are much more transitory than other types of price changes. One might ask whether this property holds for clearance sales as well as other sales. One way of investigating this is to compare the hazard functions including and excluding sales in sectors where clearance sales are frequent. Figure 20 shows that in the sectors where clearance sales are common—apparel, household furnishing and recreation goods—the hazard function including sales is steeply downward sloping while the hazard function including sales is much flatter. This provides evidence that even in these sectors sales are in fact quite transitory. A more direct approach is to look directly at the duration of clearance sales versus other types of sales. This is complicated by the fact that we observe prices only at monthly intervals, while evidence from other datasets suggests that many sales last less than one month. We would therefore like to stress that estimates of the duration of sales based on our dataset are likely to be imprecise (and probably upward biased). It may however still provide useful information to compare the duration of clearance sales and other sales using our monthly data. We find that the median duration of clearance sales was 7%, 12% and 20% longer in apparel, household furnishing

⁶There may also be sales associated with product introductions. These are difficult to quantify using the BLS dataset because we do not observe when products are introduced into the market. We only observe when they are introduced into the BLS dataset.

and recreation goods, respectively, than the median duration of all sales in these sectors. These statistics are calculated in the same manner as other statistics in table 7. They do not adjust for left or right censoring of spells.

5 The Frequency and Size of Price Change

In tables 8-14, we report a number of additional statistics on the frequency of price change that are not reported in the main paper. In a number of cases, the tables presented here differ from those in the main paper only in that they include both the 1988-1997 and 1998-2005 time periods.

1. Table 8 presents the frequency of price change by major group for consumer prices for 1988-1997 and 1998-2005.
2. Table 9 presents the frequency of substitution and price change by major group for consumer prices for 1988-1997 and 1998-2005. This table also presents estimates of the "Frequency of price change + product introduction"—an alternative measure of the impact of product introductions on price flexibility. This approach is based on the formula $(1 - f_{pc})(1 - f_{int})$, where f_{pc} is the frequency of price change and f_{int} is the frequency of product introduction. To use this formula, we need an estimate of the frequency of product introduction. As we discuss in section 2, it is not clear how the frequency of substitutions measured in the data relates to the frequency of product introduction. If products have a fixed lifetime, the frequency of substitutions is twice the true frequency of product turnover. If products have a constant hazard of disappearing, the frequency of substitutions equals the frequency of product turnover. The sectors in which product turnover is most important are Household Furnishings, Apparel, Transportation Goods and Recreation Goods. For these sectors, it seems likely that the hazard of product exit is at least somewhat upward sloping. As a consequence, in Table 9, we present estimates of the frequency of price change plus product introduction based on the assumption that $f_{int} = 0.75f_{subs}$ where f_{subs} denotes the frequency of product substitution. Constructing better estimates for the relationship between the frequency of product introduction and the frequency of substitutions would be a useful topic for future research.
3. Table 10 presents estimates of probability that prices return to the original regular price following a sale for the major groups in which sales are most prevalent for consumer prices for 1988-1997 and 1998-2005.
4. Table 11 presents aggregate statistics on the frequency of price change for producer prices for 1988-1997 and 1998-2005. These statistics include mean and median frequencies.

5. Table 12 presents the frequency of price change by major group for producer prices for 1988-1997 and 1998-2005.
6. Table 13 presents statistics on the absolute size of price changes by major group for consumer prices for 1988-1997 and 1998-2005.
7. Table 14 presents statistics on the absolute size of price changes by major group for producer prices for 1988-1997 and 1998-2005.

Midrigan (2006) points out that the simple menu cost model developed by Golosov and Lucas (2007) does not match certain features of the distribution of the size of price changes. In particular, the simple menu cost model does not generate small price changes; nor does it generate a distribution of price changes with the degree of kurtosis seen in micro data. Midrigan (2006) reports the fraction of price changes the absolute size of which is less than 5% and the kurtosis of price changes in a scanner data set from Dominick's Finer Foods. In our BLS data for the period 1998-2005, the fraction of price changes the absolute size of which is less than 5% is 45.7% and the kurtosis of the distribution of the sizes of price changes is 5.1.⁷

6 Inflation and the Frequency and Size of Price Change

6.1 Figures

We analyze the evolution of four components of aggregate inflation: the frequency of price increases, the frequency of price decreases, the absolute size of price increases and the absolute size of price decreases. Figures 2-9 plot the annual evolution these four series both with and without sales. The even numbered figures plot the evolution of the medians for these statistics, while the odd numbered figures plot the evolution of the means. In the body of the paper, we focus on medians and emphasize that there is a strong relationship between the frequency of price increases and inflation, but a much weaker relationship between the other three series and inflation. Klenow and Kryvtsov (2007) point out that the asymmetry in the relationship between the frequency of regular price increases versus regular price decreases and the inflation rate is not nearly as apparent when one looks at means as when one looks at medians. Our figures confirm this. This difference between medians and means arises because travel and vehicle fuel both have a strong upward trend in the frequency of price change. The frequency of price change for vehicle fuel rose essentially monotonically from approximately 60% in 1988 to approximately 95% in 2005; while the frequency of price change for travel services rose again monotonically from approximately 20% in 1988 to 50%

⁷Here we exclude the 2.5% of price changes that are largest in absolute value, since we think these may be outliers.

in 2005. In contrast, inflation has fallen over the time period we consider. The upward trend in the frequency of price change in these sectors over a period when inflation has been falling lowers the correlation between the frequency of price increases and inflation and raises the correlation between the frequency of price decreases and inflation. Figures 10-13 present results for means and medians of the frequency and size of regular price changes excluding gasoline, travel and used cars. They show that the asymmetry we emphasize appears in the mean as well as the median when these three categories are excluded.

Figure 14 presents the evolution of the log absolute size of price increases and price decreases in the menu cost model analyzed in the main text. The menu cost model yields no systematic relationship between the size of price increases and decreases and inflation over this sample period. This lines up well with the data (figure 6).

Finally, figures 15-17 present the evolution of the frequency and size of price increases and decreases at the sectoral level. Figures 15-16 present statistics for regular prices, while figure 17 presents statistics for prices including sales. Figure 15 plots the evolution of the sectoral mean of the four variables, while figure 16 plots the evolution of the sectoral median.

First consider regular prices in figures 15 and 16. For most sectors, only the frequency of price increases displays a strong relationship with inflation. In contrast, the frequency of price decreases and the size of price increases and price decreases covary much less with inflation. This relationship holds in processed food, unprocessed food, household furnishings, apparel, and services. These sectors account for about 70% of the expenditure weight of the products included in the CPI research database. The pattern is very similar for means and medians. The sectors that do not display this pattern—transportation goods, utilities, vehicle fuel and travel—all have very high sectoral frequencies of price change. This pattern across sectors is consistent with the view that the asymmetry in the behavior of statistics on price increases vs. decreases arises from price rigidity. The “Other Goods” category also does not display this pattern, but the dynamics of the frequency of price change in this sector are likely to be affected by the fact that its composition has changed substantially over time. Figure 17 presents a similar set of statistics for prices including sales. In some sectors, the patterns we describe above are retained but the relationship is far less clear.

6.2 Regression Results for Producer Prices

In the main paper, we present regression results for regressions of the frequency and size of price change on inflation for consumer prices. Table 15 reports an analogous set of statistics for producer prices. The table reports regressions of the frequency and size of price increases and price decreases of producer prices on CPI and PPI inflation. We regress the four components on CPI and PPI

inflation separately at the four digit level for the period 1988-2005. The regressions include product fixed effects and a time trend.

The response of producer prices to variation in inflation is similar to the response of consumer prices excluding sales. The frequency of price increases is highly correlated with both inflation rates. The size of price increases is also significantly correlated with both inflation rates. However, the frequency and size of price decreases are not related to inflation in a statistically significant way.

6.3 Regression Results for Sales

We present statistics on the responsiveness of the size and frequency of sales to inflation in the main paper. Table 16 presents these results in table form.

7 The Seasonality of Price Changes

The synchronization or staggering of price change is an important determinant of the size and persistence of business cycles in models with price rigidity. One form of synchronization of price change is seasonality. We find a substantial seasonal component of price changes for the U.S. economy, for both consumer and producer goods. In the main paper, we present evidence of seasonality both across and within quarters for consumer goods and briefly discuss the evidence for producer prices.

The quarterly seasonal pattern in producer prices mirrors the seasonal patterns in consumer prices qualitatively, but is substantially larger. Figure 18 presents the frequency of price change by quarter for finished producer goods. The frequency of price change falls monotonically over the quarters, from 16% in the first quarter to 8% in the fourth quarter. Most of the seasonality in the frequency of price change in producer prices is due to the fact that producer prices are more than twice as likely to change in January than on average in other months of the year. As in consumer prices, most of the seasonality in the frequency price change comes from the frequency of price increases.

Figure 19 plots the weighted median frequency of price increases and price decreases by month for producer prices. In the main paper, we show that there is a systematic pattern in the timing of price changes for consumer prices even within a quarter. Figure 19 shows that this systematic pattern does not hold for producer prices.

8 The Hazard Function of Price Changes

Figure 20 contains plots of the baseline hazard function for eight of the largest Major Groups for consumer prices. Each panel plots the hazard function separately for prices with and without sales and separately for 1988-1997 and 1998-2005. For most Major Groups, the hazard function of regular prices is somewhat downward sloping for the first few months and then mostly flat after that. The hazard function for several Major Groups seems to be downward sloping throughout (Unprocessed Food, Transportation Goods, Vehicle Fuel and Travel Services). We do not find any evidence of upward sloping hazard functions. This pattern holds even when we estimate our hazard model separately at the ELI level. For the major groups in which sales occur frequently (i.e. Processed and Unprocessed Food, Household Furnishings and Apparel), the hazard function including sales is steeply downward sloping while the hazard function of regular prices is much less downward sloping. Evidently, sales have very different hazard functions than regular price spells. For a few Major Groups, we estimate a large spike in the hazard function at 12 months. This spike is perhaps most naturally interpreted as an element of time-dependence in firms pricing decisions. Interestingly, such a 12 month spike is completely absent in many Major Groups. Table 29 contains the point estimates for regular prices for the latter time period.

Figure 21 presents an analogous set of plots for producer prices. We estimate the model described in the main paper separately for the 15 two digit Major Groups. Figure 21 plots the hazard functions of eight of these Major Groups for the entire sample period for which we have data. For each Major Group, we plot the estimated hazard function for models with and without unobserved heterogeneity. The main stylized facts about the shape of the hazard function are the same for producer prices as they are for consumer prices. The hazard functions for all the Major Groups except Farm Products are qualitatively very similar. They are downward sloping for the first few months, then mostly flat except for a large 12 month spike. Accounting for heterogeneity leads to a substantial flattening of the hazard functions and a large increase in the size of the spike at 12 months. Interestingly, the 12 month spike in the hazard function is a much more pervasive phenomena in producer prices than in consumer prices.

We do not include information about the standard errors of our estimates in these figures because the standard errors are very small. To illustrate this, figure 22 plots the hazard function for Processed Food with standard errors for the sample period 1998-2005. Another way to gauge the sampling error in the estimation of these hazard functions is to compare the estimates for the two sample periods in figures 20 and 21. In most cases, the shape of the hazard function is quite similar in the first few months. However, at longer durations the differences grow and become more erratic.

9 Correspondence Between ELIs and Major Groups

Table 17 reports the correspondence between ELIs and the Major Groups for which we report results in the paper.

10 Correspondence Between CPI ELIs and PPI Categories

Table 18 reports the correspondence between CPI ELIs and categories in the PPI data that we use to product the results in table 7 of the paper.

11 ELI Tables

We also attach 10 ELI tables to this supplementary material.

1. Table 19 present ELI-level data on the frequency of price change including and excluding sales.
2. Table 20 presents ELI-level data on the frequency of substitutions at the ELI level. These measures are constructed in the manner we describe in section 2.
3. Table 21 presents ELI-level data on the frequency of price change calculated using different “sale filters” as well as statistics on clearance sales. These statistics are constructed in the manner we describe in section 4.
4. Table 22 presents statistics on the absolute size of price changes for consumer prices.
5. Table 23 presents data on the frequency of price change and the frequency of substitutions for a detailed set of subcategories of producer prices.
6. Tables 24-28 present statistics relating to the notion of regular price used in Kehoe and Midrigan (2008) and described in appendix B

A Sale Filter

We use a simple algorithm to implement the sales filters discussed above. The general algorithm consists of six steps that are carried out in sequence for each observation (i.e. step 0 has precedence over step 1, etc.). The algorithm is a function of 3 parameters. Varying these parameters changes the way sales are defined. With different parameter values the algorithm can therefore capture V-shaped sales only, V-shaped sales plus sales that are followed by a new regular price, multi-period sales, etc.

The general algorithm is as follows:

0. If $p_t = r_{t-1}$, then $r_t = r_{t-1}$.
1. If $p_t > r_{t-1}$, then $r_t = p_t$.
2. If $r_{t-1} \in \{p_{t+1}, \dots, p_{t+J}\}$ and the price never rises above r_{t-1} before returning to r_{t-1} , then $r_t = r_{t-1}$.
3. If the set $\{p_t, p_{t+1}, \dots, p_{t+L}\}$ has K or more different elements, then $r_t = p_t$.
4. Define $p_{max} = \max\{p_t, p_{t+1}, \dots, p_{t+L}\}$ and $t_{max} = \text{first-time } \max\{p_t, p_{t+1}, \dots, p_{t+L}\}$. If $p_{max} \in \{p_{t_{max}+1}, \dots, p_{t_{max}+L}\}$, then $r_t = p_{max}$.
5. $r_t = p_t$.

In the first time period, the algorithm begins at step 3 (the first step that does not refer to a previous regular price).

For sales filter B we set: $L = 1$, $K = 1$ and $J = n$ where $n \in \{1, 2, \dots, 5\}$.⁸ Sales filter B is designed to remove only price patterns in which the price returns to the same price within n months or less. For sales filter A we set: $L = 3$, $K = 3$ and $J = n$ where $n \in \{1, 2, \dots, 5\}$. Sales filter A is designed to remove the price patterns removed by sales filter B as well as price patterns where a sale is followed by a change in the regular price.

⁸Setting $K = 1$ is equivalent to skipping steps 3 and 4 and going immediately to step 5 after step 2.

B Kehoe-Midrigan Regular Price Filter

The algorithm used to calculate the notion of regular price reported in Tables 24-28 is taken from Kehoe and Midrigan (2008). The algorithm is based on the idea that a price is a regular price if the store charges it frequently in a window adjacent to that observation. It is applied separately for each good.

1. For each month, compute the mode of prices p_t^M in a window of 5 months that includes the previous 2 months, the current month, and the next 2 months.⁹
2. Compute the regular price recursively as follows:
 - Set the initial period's regular price equal to the modal price.¹⁰
 - For each subsequent period, if the store charges the modal price in that period and at least one-third of prices in the window are equal to the modal price, set the regular price equal to the modal price. Otherwise, set the regular price equal to last period's regular price.
3. Eliminate regular price changes that occur in the absence of changes in the store's actual price if the actual and regular price coincides in the period before or after the regular price change. This ensures that the regular price tracks the posted price as closely as possible and changes in the regular price do not lag/anticipate changes in the posted price. This is done as follows:
 - If step 2 generates a path for regular prices such that a change in the regular price occurs in the absence of a change in the actual price, replace the last period's regular price with current period's actual price if the regular and actual prices coincide in the current period.
 - Replace the current period's regular price with the last period's actual price if the two have coincided in the previous period. These latter steps ensure that the regular price tracks as closely as possible the posted price and changes in the regular price do not occur several weeks prior to / after a change in the posted price.

So far we presented an intuitive description of the algorithm. What follows is a precise description. The algorithm is characterized by 3 parameters. We choose $k = 2$ (size of window:

⁹We perform this calculation only if at least one half of prices in this window are available.

¹⁰If in the window around this price more than half of the data are missing, set the initial regular price equal to the actual price.

Number of months before/after current period used to compute modal price), $c = 1/3$ (cutoff used to determine whether a price is temporary), $a = 0.5$ (Number of periods in window with available price required in order to compute a modal price). Let p_t be the price in period t , and T be length of price series.

1. For each time period $t \in (k + 1, T - k)$:

- If number of periods with available data in $(t - k, \dots, t + k)$ is larger or equal to $2ak$:
 - Set $p_t^M = \text{mode}(p_{t-k}, \dots, p_{t+k})$
 - Define f_t as the fraction of months (w/ non-missing data) in $(t - k, \dots, t + k)$ such that $p_t^M = p_t$
- Else, set f_t and p_t equal to missing.

2. Define p_t^R using the following recursive algorithm:

- For $t = k + 1$:
 - If p_{k+1}^M is not equal to missing, set $p_{k+1}^R = p_{k+1}^M$ (initial value)
 - Else, set $p_{k+1}^R = p_{k+1}^R$
- For $t \in 2 + k, \dots, T$:
 - If (p_t^M not missing and $f_t > c$ and $p_t = p_t^M$), set $p_t^R = p_t^M$
 - Else, set $p_t^R = p_{t-1}^R$

3. Apply the following:

- Let $R = \{t : p_t^R \neq p_{t-1}^R \text{ and } p_{t-1}^R \text{ not missing and } p_t^R \text{ not missing}\}$ be set of periods with regular price change.
- Let $C = \{t : p_t^R = p_t \text{ and } p_t^R \text{ not missing}\}$ be set of periods in which store charges the regular price.
- Let $P = \{t : p_{t-1}^R = p_{t-1} \text{ and } p_{t-1}^R \text{ not missing}\}$ be set of periods in which store's last period price was the regular price.
- Set $p_{t-1}^R = p_t$ if t belongs to $R \cap C$.
- Set $p_t^R = p_{t-1}$ if t belongs to $R \cap P$.

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Table 1: Differences vs. Bils and Klenow (2004)

	1995-1997		1998-2005	
	Prices	Regular Prices	Prices	Regular Prices
Incl. Subs.	4.2 (21.0)	7.6 (12.3)	4.4 (20.5)	8.7 (10.9)
Excl. Subs.	4.3 (20.8)	8.6 (11.0)	4.6 (19.4)	11.0 (8.7)

This table presents the median implied duration of prices and the associated frequency of price change (in parentheses). Regular prices denote prices excluding sales. Frequencies are reported in percent per month, while durations are reported in months. The median frequency of price change is calculated by first calculating the mean frequency of price change for each ELI and then taking a weighted median across ELI's using CPI expenditure weights. The median implied duration is $-1/\ln(1-f)$, where f is the median frequency of price change. These statistics are presented for two time periods: the 1995-1997 time period considered by Bils and Klenow (2004) and the time period 1998-2005 that we focus on in the present analysis. The median frequency of price change including substitutions is calculated in an analogous manner to the statistics without substitutions, except that price changes associated with substitutions are also included as price changes.

Table 2: Frequency of Substitution and Price Change by Category

Major Group	weight	Subs. Freq.	Pr.Ch. w/ Subs		Price Change	
			Freq. Reg.	Freq.	Freq. Reg.	Freq.
Panel A: 1988-1997						
Processed Food	7.9	1.1	13.0	25.3	12.7	25.0
Unprocessed Food	7.5	0.5	28.5	43.6	28.3	43.5
Household Furnishing	6.1	3.4	10.6	26.0	6.7	24.9
Apparel	7.9	6.1	10.1	29.5	4.8	27.9
Transportation Goods	8.0	7.9	33.4	33.4	27.7	27.7
Recreation Goods	3.6	3.7	9.0	16.9	5.7	14.7
Other Goods	5.1	1.1	11.4	16.1	11.1	15.9
Utilities	5.8	1.1	46.7	46.7	46.1	46.1
Vehicle Fuel	3.2	1.2	70.3	70.4	71.9	72.1
Travel	4.6	2.4	31.8	33.3	31.1	32.7
Services (excl. Travel)	38.8	0.9	8.0	8.5	7.0	7.4
Panel B: 1998-2005						
Processed Food	8.2	1.3	10.9	26.1	10.5	25.9
Unprocessed Food	5.9	1.2	25.6	37.2	25.0	37.3
Household Furnishing	5.0	5.0	9.2	20.6	6.0	19.4
Apparel	6.5	9.9	7.9	32.2	3.6	31.0
Transportation Goods	8.3	10.2	36.6	36.6	31.3	31.3
Recreation Goods	3.6	6.3	7.3	14.3	6.0	11.9
Other Goods	5.4	1.0	15.4	16.2	15.0	15.5
Utilities	5.3	0.6	38.5	38.5	38.1	38.1
Vehicle Fuel	5.1	0.2	87.6	87.6	87.6	87.6
Travel	5.5	1.9	42.5	43.5	41.7	42.8
Services (excl. Travel)	38.5	0.9	7.2	7.4	6.1	6.6

"Subs. Freq." gives the median monthly frequency of price changes associated with forced item substitutions in the consumer price index. This frequency is calculated by dividing the number of forced product substitutions by the product's lifetime. The product's lifetime does not include periods when the product is unavailable for long periods of time, such as periods when a product is seasonally unavailable. This measure is described in greater detail in the text. "Pr.Ch w/ Subs" denotes the the median monthly frequency of price change including price changes due to product substitutions. "Price Change" indicates the median monthly frequency of price change. "Freq." denotes the frequency of price change including temporary sales. "Reg. Freq." denotes the frequency of price change excluding sales. The median statistics are calculated by first calculating the mean frequency of price change or substitutions within ELI's and then calculating the expenditure-weighted median across ELI's. "Weight" denotes the expenditure weight of the ELI. The sector weights add up to 97.4% since Used Cars are not included in any sector.

Table 3: Price and Product Flexibility of Major Groups

		<u>Price Flexibility</u>	
		<u>High</u>	<u>Low</u>
<u>Product Flexibility</u>	<u>High</u>	Transportation Goods	Household Furnishings, Apparel, Recreation Goods
	<u>Low</u>	Unprocessed Food, Other Goods, Utilities, Vehicle Fuel, Travel	Services, Processed Food

This table divides the major groups into categories of high or low "Price Flexibility" and "Product Flexibility". A product is defined as having high price flexibility if it has a frequency of non-sale price change of 12% or more. It is defined as having high product flexibility if it has a frequency of product substitution of 3% or more. See the text for a discussion of the relationship between product substitution and product introduction.

Table 4: Price and Product Flexibility of ELIs

		<u>Price Flexibility</u>	
		<u>High</u>	<u>Low</u>
<u>Product Flexibility</u>	<u>High</u>	9.7%	22.6%
	<u>Low</u>	29.7%	37.9%

This table reports the expenditure weight associated with high vs. low "Price Flexibility" and "Product Flexibility". A product is defined as having high price flexibility if it has a frequency of non-sale price change of 12% or more. It is defined as having high product flexibility if it has a frequency of product substitution of 3% or more. See the text for a discussion of the relationship between product substitution and product introduction.

Table 5: Frequency of Sales

	1988-1997	1998-2005
Expenditure weighted:		
Fraction of Price Changes Due to Sales	21.2	21.5
Fraction of Price Quotes with Sales	6.6	7.4
Weighted by Number of Observations:		
Fraction of Price Quotes with Sales	10.3	12.1

All statistics are reported as percentages. For the statistics in the first row, we first calculate the fraction of price changes due to sales for each ELI and then take an expenditure weighted mean across ELIs. The same procedure is used in the second row to calculate the expenditure weighted fraction of price quotes with sales. In the last row, we apply the same procedure as in the second row except that values for each ELI are weighted by the number of price observations for that ELI.

Table 6: Sales Filters by Major Group

Major Group	weight	Price Changes		Sales filters			
		Freq.	Freq.Reg.	5A	5B	1A	1B
Panel A: 1988-1997							
Processed Food	7.9	25.0	12.7	11.7	13.3	15.0	17.7
Unprocessed Food	7.5	43.5	28.3	21.2	23.7	26.6	31.0
Household Furnishing	6.1	24.9	6.7	11.0	12.6	14.1	17.4
Apparel	7.9	27.9	4.8	14.2	15.2	18.8	22.0
Transportation Goods	8.0	27.7	27.7	23.4	26.3	24.0	27.0
Recreation Goods	3.6	14.7	5.7	9.3	9.9	10.7	11.9
Other Goods	5.1	15.9	11.1	9.9	11.2	11.3	12.8
Utilities	5.8	46.1	46.1	42.5	44.3	43.6	45.4
Vehicle Fuel	3.2	72.1	71.9	54.2	56.3	63.6	66.9
Travel	4.6	32.7	31.1	24.4	26.8	27.6	30.7
Services (excl. Travel)	38.8	7.4	7.0	6.1	6.8	6.3	7.1
All Sectors	100.0	20.3	11.1	11.6	13.2	13.4	15.3
Panel B: 1998-2005							
Processed Food	8.2	25.9	10.5	11.4	12.8	15.7	18.1
Unprocessed Food	5.9	37.3	25.0	18.7	20.8	27.0	31.0
Household Furnishing	5.0	19.4	6.0	10.2	11.6	13.1	15.1
Apparel	6.5	31.0	3.6	16.5	18.1	22.1	25.0
Transportation Goods	8.3	31.3	31.3	26.7	29.2	27.5	30.3
Recreation Goods	3.6	11.9	6.0	7.4	8.1	8.2	9.7
Other Goods	5.4	15.5	15.0	12.4	14.0	12.6	14.3
Utilities	5.3	38.1	38.1	35.0	36.8	35.7	37.6
Vehicle Fuel	5.1	87.6	87.6	72.1	73.5	82.4	84.3
Travel	5.5	42.8	41.7	32.9	35.2	37.5	40.4
Services (excl. Travel)	38.5	6.6	6.1	5.7	6.2	5.8	6.6
All Sectors	100.0	19.4	8.7	11.0	12.3	13.3	15.3

"Freq" gives the frequency of all price changes in percent per month. "Freq. Reg" gives the frequency of regular price changes. Sales filters 5A and 5B give the frequency of price change when sale filters A and B respectively are applied and the window for the price to return to the original regular price (including sale and missing prices) is 5 months; Sales filters 1A and 1B give analogous statistics when the window is 1 month. (See Appendix A for a description of the sale filters and Table 5 for results for intermediate parameter values). These statistics are medians within Major Groups. Medians are calculated by first calculating an average within each ELI and then calculating an expenditure weighted median across ELIs within the Major Group. The sector weights add up to 97.4% since Used Cars are not included in any sector.

Table 7: Clearance Sales by Major Group

Major Group	weight	Clearance Sales				All Sales		Price Changes			Reg+Clear
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.Spells	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up Reg	Freq.
Panel A: 1988-1997											
Processed Food	7.9	0.4	0.3	20.6	2.9	47.1	11.4	25.0	12.7	66.9	12.8
Unprocessed Food	7.5	0.1	0.2	17.8	1.2	34.8	14.3	43.5	28.3	59.0	28.4
Household Furnishing	6.1	1.9	2.5	16.7	13.8	65.8	18.9	24.9	6.7	67.0	9.8
Apparel	7.9	11.5	8.1	8.1	32.7	82.7	27.1	27.9	4.8	61.3	10.6
Transportation Goods	8.0	0.0	0.0	-	0.0	0.0	0.0	27.7	27.7	44.5	27.7
Recreation Goods	3.6	1.6	1.8	10.5	16.3	49.7	10.0	14.7	5.7	64.4	7.7
Other Goods	5.1	0.1	0.1	25.0	3.5	13.7	2.2	15.9	11.1	78.9	11.1
Utilities	5.8	0.0	0.0	-	0.0	0.0	0.0	46.1	46.1	51.6	46.1
Vehicle Fuel	3.2	0.0	0.0	-	0.0	0.1	0.1	72.1	71.9	52.7	70.3
Travel	4.6	0.3	0.5	16.4	11.8	4.9	3.1	32.7	31.1	54.6	31.2
Services (excl. Travel)	38.8	0.0	0.0	-	0.0	0.0	0.0	7.4	7.0	80.3	7.0
All Sectors	100.0	0.0	0.0	15.4	0.9	6.1	0.8	20.3	11.1	67.0	11.6
Panel B: 1998-2005											
Processed Food	8.2	0.5	0.6	36.0	2.7	57.7	16.0	25.9	10.5	65.4	10.7
Unprocessed Food	5.9	0.3	0.5	27.8	2.3	40.4	17.8	37.3	25.0	61.2	25.5
Household Furnishing	5.0	3.5	5.0	21.1	15.8	67.3	20.4	19.4	6.0	62.9	8.6
Apparel	6.5	14.7	11.7	13.0	30.6	87.9	35.4	31.0	3.6	57.1	13.3
Transportation Goods	8.3	0.0	0.0	-	0.0	0.0	0.0	31.3	31.3	45.9	31.3
Recreation Goods	3.6	2.6	2.4	12.4	21.4	50.0	8.6	11.9	6.0	62.0	6.2
Other Goods	5.4	0.4	0.6	19.0	6.5	31.0	6.7	15.5	15.0	79.0	15.0
Utilities	5.3	0.0	0.0	-	0.0	0.0	0.0	38.1	38.1	53.1	38.1
Vehicle Fuel	5.1	0.0	0.0	-	1.8	0.0	0.3	87.6	87.6	53.5	87.6
Travel	5.5	0.1	0.3	27.7	5.7	2.4	3.1	42.8	41.7	52.8	41.8
Services (excl. Travel)	38.5	0.0	0.0	-	0.0	0.0	0.0	6.6	6.1	73.7	6.1
All Sectors	100.0	0.0	0.0	22.7	1.8	2.4	0.4	19.4	8.7	64.8	10.7

The first panel presents statistics on frequencies of clearance sales in percent per month. Under "Clearance Sales", "Frac. P. Ch" denotes the fraction of all price changes associated with clearance sales, "Frac. Obs" gives the fraction of all price observations that are associated with clearance sales and "Frac. Up" gives the fraction of price changes during clearance sales that are price increases. Under "Sales", "Frac. P. Ch." denotes the fraction of all price changes associated with sales. "Frac. Obs" gives the fraction of all price observations that are associated with sales. The third panel gives the frequency of price change with and without sales. "Freq" gives the frequency of all price changes. "Freq. Reg" gives the frequency of regular price changes. "Frac. Up" gives the fraction of price changes that are price increases. "Reg+Clear Freq" gives the frequency of price change excluding all sales except for clearance sales. These statistics are medians within Major Groups. Medians are calculated by first calculating an average within each ELI and then calculating an expenditure weighted median across ELIs within the Major Group. The sector weights add up to 97.4% since Used Cars are not included in any sector.

Table 8: Frequency of Price Change by Major Group

Major Group	Weight	Regular Price						Price				Sales	
		# Obs.	Freq.	Impl.Dur.	Ch.+Sub	Mean Freq.	Frac. Up	Median Freq.	Impl.Dur.	Mean Freq.	Frac. Up	Frac. Price Ch.	Frac. Obs.
Panel A: 1988-1997													
Processed Food	7.8	1279357	12.7	7.4	13.0	13.0	66.9	25.0	3.5	24.9	56.9	47.3	13.1
Unprocessed Food	7.5	1774280	28.3	3.0	28.5	31.7	59.0	43.5	1.8	43.2	53.2	28.5	14.3
Household Furnishing	6.0	69682	6.7	14.3	10.6	7.6	67.0	24.9	3.5	23.0	50.2	64.9	20.5
Apparel	7.8	129497	4.8	20.4	10.1	4.7	61.3	27.9	3.1	28.1	37.4	82.0	26.9
Transportation Goods	7.9	106501	27.7	3.1	33.4	25.4	44.5	27.7	3.1	26.3	44.5	4.6	1.6
Recreation Goods	3.6	98181	5.7	17.1	9.0	8.0	64.4	14.7	6.3	15.8	52.1	41.3	11.6
Other Goods	5.0	67806	11.1	8.5	11.4	12.6	78.9	15.9	5.8	15.9	75.5	20.8	3.7
Utilities	5.7	252590	46.1	1.6	46.7	50.5	51.6	46.1	1.6	50.5	51.6	0.1	0.1
Vehicle Fuel	3.1	195571	70.3	0.8	70.3	65.0	52.8	70.3	0.8	65.0	52.8	0.1	0.1
Travel	4.5	135858	31.1	2.7	31.8	34.4	54.6	32.7	2.5	35.4	53.8	3.3	2.1
Services (excl. Travel)	38.3	695415	7.0	13.9	8.0	8.2	80.3	7.4	12.9	8.6	78.5	4.6	0.7
All Sectors	100.0	4804738	11.1	8.5	12.7	18.7	67.0	20.3	4.4	23.9	57.9	21.2	6.6
Panel B: 1998-2005													
Processed Food	8.2	1201137	10.5	9.0	10.9	10.6	65.4	25.9	3.3	25.5	54.7	57.9	16.6
Unprocessed Food	5.9	1276319	25.0	3.5	25.6	25.4	61.2	37.3	2.1	39.5	53.3	37.9	17.1
Household Furnishing	5.0	88975	6.0	16.1	9.2	6.5	62.9	19.4	4.6	20.6	49.0	66.8	21.2
Apparel	6.5	118117	3.6	27.3	7.9	3.6	57.1	31.0	2.7	30.1	36.1	87.1	34.5
Transportation Goods	8.3	129722	31.3	2.7	36.6	21.3	45.9	31.3	2.7	22.2	44.0	8.0	2.7
Recreation Goods	3.6	130420	6.0	16.3	7.3	6.1	62.0	11.9	7.9	13.7	51.3	49.1	10.9
Other Goods	5.4	140234	15.0	6.1	15.4	13.9	73.7	15.5	5.9	20.6	61.3	32.6	15.3
Utilities	5.3	302248	38.1	2.1	38.5	49.4	53.1	38.1	2.1	49.4	53.1	0.0	0.0
Vehicle Fuel	5.1	195118	87.6	0.5	87.6	87.4	53.5	87.6	0.5	87.5	53.4	0.0	0.3
Travel	5.5	178189	41.7	1.9	42.5	43.7	52.8	42.8	1.8	44.4	52.2	1.5	2.1
Services (excl. Travel)	38.5	509392	6.1	15.8	7.2	8.8	79.0	6.6	14.6	9.1	76.8	3.1	0.5
All Sectors	100.0	4269871	8.7	11.0	10.9	21.1	64.8	19.4	4.6	26.5	57.1	21.5	7.4

All frequencies are reported in percent per month. Durations are reported in months. Fractions are reported as percentages. Regular prices denote prices excluding sales. "Weight" denotes the CPI expenditure weight of the Major Group. "# Obs." denotes the number of price observations for each Major Group. "Median Freq." denotes the weighted median frequency of price change. It is calculated by first calculating the mean frequency of price change for each ELI and then taking a weighted median across ELI's within the Major Group using CPI expenditure weights. The other median statistics in this table are calculated in an analogous manner. "Median Dur." is equal to $-1/\ln(1-f)$, where f is the median frequency of price change. "Median Ch.+Sub." denotes the median of the frequency of price change including price changes associated with substitutions. "Mean Freq." denotes the expenditure weighted mean frequency of price change. "Frac. Up" denotes the median fraction of price changes that are price increases. "Frac. Price Ch." and "Frac. Obs." denote the expenditure weighted mean fraction of price changes that are due to sales and fraction of observations that are sales. The sector weights add up to 97.4% since Used Cars are not included in any sector.

Table 9: Frequency of Substitution and Price Change by Category

Major Group	weight	Subs.		Pr.Ch. + Prod. Intro.		Price Change	
		Freq.	Freq.	Freq. Reg.	Freq.	Freq. Reg.	Freq.
Panel A: 1988-1997							
Processed Food	7.9	1.1	13.3	25.7	12.7	25.0	
Unprocessed Food	7.5	0.5	28.6	43.7	28.3	43.5	
Household Furnishing	6.1	3.4	10.3	27.0	6.7	24.9	
Apparel	7.9	6.1	11.7	33.8	4.8	27.9	
Transportation Goods	8.0	7.9	33.4	33.4	27.7	27.7	
Recreation Goods	3.6	3.7	9.6	18.3	5.7	14.7	
Other Goods	5.1	1.1	12.1	16.2	11.1	15.9	
Utilities	5.8	1.1	46.7	46.7	46.1	46.1	
Vehicle Fuel	3.2	1.2	72.2	72.4	71.9	72.1	
Travel	4.6	2.4	32.7	34.3	31.1	32.7	
Services (excl. Travel)	38.8	0.9	7.9	8.4	7.0	7.4	
Panel B: 1998-2005							
Processed Food	8.2	1.3	11.1	26.6	10.5	25.9	
Unprocessed Food	5.9	1.2	25.6	37.9	25.0	37.3	
Household Furnishing	5.0	5.0	9.3	23.1	6.0	19.4	
Apparel	6.5	9.9	10.7	36.9	3.6	31.0	
Transportation Goods	8.3	10.2	36.6	36.6	31.3	31.3	
Recreation Goods	3.6	6.3	9.5	16.7	6.0	11.9	
Other Goods	5.4	1.0	15.6	17.1	15.0	15.5	
Utilities	5.3	0.6	38.4	38.4	38.1	38.1	
Vehicle Fuel	5.1	0.2	87.6	87.6	87.6	87.6	
Travel	5.5	1.9	42.6	43.6	41.7	42.8	
Services (excl. Travel)	38.5	0.9	7.5	7.5	6.1	6.6	

"Subs. Freq." gives the median average monthly frequency of price changes associated with forced item substitutions in the consumer price index as a fraction of all months in which the product is available, as well as intermediate periods of 5 months or less when the product is unavailable at the time of sampling but subsequently becomes available. "Pr. Ch. + Prod. Intro." indicates the median average monthly frequency of price change adjusted for product turnover according to the formula $(1-f)(1-pc)$ where $f=0.75f_{sub}$ and f_{sub} is the frequency of product substitution discussed above and the formula relating f and f_{sub} is discussed in the text. "Price Change" indicates the median monthly frequency of price change. The median statistics are calculated by first calculating the mean frequency of price change or substitutions within ELI's and then calculating the expenditure-weighted median across ELI's. "Weight" denotes the expenditure weight of the ELI. "CDF" denotes the cumulative distribution function of the frequency of regular price change. The sector weights add up to 97.4% since Used Cars are not included in any sector.

Table 10: Sales and Prices During Sales

	Freq. Reg. Price Ch.	Freq. Price Ch. During One Period Sales	Frac. Return After One Period Sales	Frac. of Sales that Last One Period	Freq. Price Ch. Dur. One Per. Sales/Mis.	Av. Dur. Sales
Panel A: 1988-1997						
Processed Food	12.7	14.5	73.1	65.8	14.0	1.8
Unprocessed Food	28.3	25.3	55.8	68.1	24.9	1.6
Household Furnishings	6.7	12.4	76.7	50.0	9.3	2.2
Apparel	4.8	7.4	85.7	42.0	8.1	1.8
Panel B: 1998-2005						
Processed Food	10.5	11.4	78.5	64.7	11.1	2.0
Unprocessed Food	25.0	22.5	60.0	63.2	22.1	1.8
Household Furnishings	6.0	11.6	78.2	43.3	9.4	2.3
Apparel	3.6	7.1	86.3	35.8	5.9	2.1

The sample period is 1998-2005. "Freq. Reg. Price Ch." denotes the median frequency of price changes excluding sales. "Freq. Price Ch. During One Period Sales" denotes the median monthly frequency of regular price change during sales that last one month. The monthly frequency is calculated as $1-(1-f)^{0.5}$ where f is the frequency of regular price changes during one month sales. "Frac. Return After One Period Sales" denotes the median fraction of prices that return to their original level after one period sales. "Frac. of Sales that Last One Period" denotes the median fraction of sales that last one month. In calculating this statistic we drop left censored sale spells. Medians are calculated by first calculating an average within each ELI and then calculating an expenditure weighted median across ELIs within the Major Group. "Freq. Price Ch. During One Per. Sales/Mis." denotes the median monthly frequency of regular price change during sales or missing periods that last one month, calculated in the manner described above for sales. "Av. Dur. Sales" denotes the weighted average duration of sale periods in months.

Table 11: Frequency of Price Change for Producer Prices

	Finished Goods		Intermediate Goods		Crude Materials	
	88-97	98-05	88-97	98-05	88-97	98-05
Median Freq. of Change	10.6	10.8	11.4	13.3	73.5	98.9
Median Implied Duration	8.9	8.7	8.3	7.0	0.8	0.2
Median Frac. of Increases	65.3	60.6	61.1	58.4	48.4	56.1
Mean Freq. of Change	25.2	24.7	21.7	26.7	78.0	86.0

Frequencies are reported in percent per month. Implied durations are reported in months. Fractions are reported in percentages. The median frequency of price change is calculated by first calculating the mean frequency of price change for each cell code, then taking an unweighted median within 4-digit commodity code and then taking a value weighted median across 4-digit commodity codes. The median implied duration is $-1/\ln(1-f)$, where f is the median frequency of price change. The mean frequency of price change is a value weighted mean across the 4-digit commodity code statistics discussed above. "88-97" and "98-05" denote the time periods 1988-1997 and 1998-2005, respectively.

Table 12: Frequency of Price Change by Major Group for the Finished Goods PPI

Category Name	Weight	Med. Freq. Price Ch.	Med. Freq. Substitutions	Frac. Up
Panel A: 1988-1997				
Farm Products	1.6	82.3	3.2	45.9
Processed Foods and Feeds	22.4	11.3	2.4	60.8
Textile Products and Apparel	3.6	4.1	2.7	76.3
Hides, Skins, Leather, and Related Products	0.3	7.4	2.3	73.6
Fuels and Related Products and Power	20.8	36.0	1.2	53.3
Chemicals and Allied Products	2.8	7.4	1.9	65.8
Rubber and Plastic Products	1.8	4.6	2.0	82.2
Lumber and Wood Products	0.1	10.5	2.5	75.0
Pulp, Paper and Allied Products	3.0	5.7	2.0	87.1
Metals and Metal Products	1.1	5.0	2.2	77.5
Machinery and Equipment	13.0	4.7	2.4	85.6
Furniture and Household Durables	5.6	6.0	2.1	82.9
Nonmetallic Mineral Products	0.1	5.9	2.0	86.3
Transportation Equipment	16.8	30.4	1.8	58.2
Miscellaneous Products	6.9	10.6	2.3	85.8
Panel B: 1998-2005				
Farm Products	1.6	87.5	2.2	48.6
Processed Foods and Feeds	22.4	26.3	2.6	57.8
Textile Products and Apparel	3.6	2.3	2.9	49.7
Hides, Skins, Leather, and Related Products	0.3	3.8	2.9	80.0
Fuels and Related Products and Power	20.8	48.7	2.3	54.1
Chemicals and Allied Products	2.8	6.1	2.9	61.6
Rubber and Plastic Products	1.8	3.2	2.9	83.8
Lumber and Wood Products	0.1	1.3	3.0	86.6
Pulp, Paper and Allied Products	3.0	4.4	2.5	74.9
Metals and Metal Products	1.1	3.8	2.5	72.2
Machinery and Equipment	13.0	3.7	2.7	71.0
Furniture and Household Durables	5.6	5.1	2.4	78.6
Nonmetallic Mineral Products	0.1	4.1	2.3	67.0
Transportation Equipment	16.8	27.3	3.0	53.7
Miscellaneous Products	6.9	16.5	1.8	81.3

Frequencies are reported in percent per month. Fractions are reported in percentages. "Weight" denotes the post-1997 final goods value weight of the Major Groups. "Med. Freq. Price Ch." denotes the median frequency of price change. It is calculated by first calculating the mean frequency of price change for each cell code, then taking an unweighted median within 4-digit commodity code and then taking a value weighted median across 4-digit commodity codes within the Major Group. "Frac Up" denotes the median fraction of price increases. It is calculated in an analogous manner to the median frequency of price change.

Table 13: Absolute Size of Price Changes

Major Group	Weight	Regular Prices			Sales			All Prices
		Median Change	Median Increase	Median Decrease	Median Change	Median Ratio	Frac. Price Ch.	Median Change
Panel A: 1988-1997								
Processed Food	7.8	10.9	9.8	13.3	22.0	2.3	47.3	17.5
Unprocessed Food	7.5	11.1	11.2	11.3	29.9	2.5	28.5	19.3
Household Furnishings	6.0	9.3	8.5	10.2	25.9	2.5	64.9	19.1
Apparel	7.8	11.0	8.2	12.5	33.4	3.2	82.0	28.8
Transportation Goods	7.9	3.0	2.6	3.3	13.1	2.4	4.6	3.0
Recreation Goods	3.6	10.3	10.1	11.8	28.2	2.6	41.3	16.5
Other Goods	5.0	7.5	7.0	9.7	18.0	2.4	20.8	11.1
Utilities	5.7	5.5	5.4	5.7	9.7	1.6	0.1	5.5
Vehicle Fuel	3.1	4.5	4.9	4.1	8.4	1.9	0.1	4.5
Travel	4.5	19.7	18.0	21.8	30.6	1.5	3.3	20.5
Services (excl. Travel)	38.3	7.8	6.8	7.4	21.9	3.6	4.6	8.6
All Sectors	100.0	8.2	7.5	9.2	25.5	2.6	21.2	11.1
Panel B: 1998-2005								
Processed Food	8.2	13.2	11.5	17.6	33.1	2.6	57.9	26.5
Unprocessed Food	5.9	14.2	13.9	15.0	35.1	2.5	37.9	27.1
Household Furnishings	5.0	8.7	8.0	9.8	28.0	2.8	66.8	20.8
Apparel	6.5	11.5	10.0	13.3	37.1	3.1	87.1	30.2
Transportation Goods	8.3	6.1	5.9	6.2	14.1	0.9	8.0	6.1
Recreation Goods	3.6	10.1	8.7	12.0	32.9	3.1	49.1	18.9
Other Goods	5.4	7.3	7.2	9.2	26.5	2.9	32.6	10.0
Utilities	5.3	6.3	6.2	6.4	12.6	1.6	0.0	6.3
Vehicle Fuel	5.1	6.4	6.8	5.9	11.7	1.8	0.0	6.4
Travel	5.5	21.6	20.9	22.4	29.3	1.4	1.5	21.9
Services (excl. Travel)	38.5	7.1	6.5	9.5	29.5	2.9	3.1	7.3
All Sectors	100.0	8.5	7.3	10.5	29.5	2.6	21.5	10.7

"Regular prices" denote prices excluding sales. "Weight" denotes the CPI expenditure weight of the Major Group. "Median Change", "Median Increase" and "Median Decrease" refer to the weighted median absolute size of log price changes, increases and decreases, respectively. The median absolute size of log price changes is calculated by first calculating the mean absolute size of log price changes for each ELI and then taking a weighted median across ELIs using CPI expenditure weights. Other median statistics are calculated in an analogous manner. "Median Ratio" denotes the weighted median ratio of the mean absolute size of log price changes due to sales to the absolute size of log regular price changes within ELIs. For each ELI the mean size of sales is calculated for all price changes at the beginning and end of sales. "Frac. Price Ch." denotes the mean fraction of price changes that are due to sales. The sector weights add up to 97.4% since Used Cars are not included in any sector.

Table 14: Absolute Size of Changes in Finished Goods Producer Prices

Category Name	Weight	Median Change	Median Increase	Median Decrease
Panel A: 1988-1997				
Farm Products	1.6	20.6	17.8	22.1
Processed Foods and Feeds	22.4	6.4	6.1	9.0
Textile Products and Apparel	3.6	11.5	10.3	15.8
Hides, Skins, Leather, and Related Products	0.3	8.5	8.1	9.9
Fuels and Related Products and Power	20.8	5.6	5.5	5.7
Chemicals and Allied Products	2.8	12.1	10.6	18.4
Rubber and Plastic Products	1.8	8.4	7.5	12.3
Lumber and Wood Products	0.1	6.5	3.3	16.3
Pulp, Paper and Allied Products	3.0	9.8	8.9	16.6
Metals and Metal Products	1.1	8.8	6.9	10.4
Machinery and Equipment	13.0	9.3	9.0	14.1
Furniture and Household Durables	5.6	7.1	7.0	10.1
Nonmetallic Mineral Products	0.1	6.9	7.9	10.5
Transportation Equipment	16.8	6.4	3.8	13.9
Miscellaneous Products	6.9	5.8	4.3	22.1
All Goods	100.0	6.8	6.5	10.6
Panel B: 1998-2005				
Farm Products	1.6	18.3	16.4	19.5
Processed Foods and Feeds	22.4	6.5	6.4	6.8
Textile Products and Apparel	3.6	11.3	9.7	15.2
Hides, Skins, Leather, and Related Products	0.3	10.8	7.6	14.1
Fuels and Related Products and Power	20.8	8.0	8.1	7.6
Chemicals and Allied Products	2.8	17.8	10.2	19.3
Rubber and Plastic Products	1.8	10.0	9.7	7.4
Lumber and Wood Products	0.1	6.1	5.7	9.0
Pulp, Paper and Allied Products	3.0	10.6	9.2	13.1
Metals and Metal Products	1.1	8.7	7.4	9.3
Machinery and Equipment	13.0	9.3	9.2	13.2
Furniture and Household Durables	5.6	8.6	7.1	10.0
Nonmetallic Mineral Products	0.1	11.7	13.1	17.5
Transportation Equipment	16.8	4.8	4.3	4.1
Miscellaneous Products	6.9	6.8	6.9	6.2
All Goods	100.0	7.7	6.9	7.9

"Weight" denotes the post-1997 finished goods PPI value weight of the Major Group. "Median Change", "Median Increase" and "Median Decrease" refer to the weighted median absolute sizes of log price changes, increases and decreases, respectively. The median absolute size of log price changes is calculated by first calculating the mean absolute size of log price changes for each cell code, then taking an unweighted median within 4-digit commodity code and then taking a value weighted median across 4-digit commodity codes. The other median statistics are calculated in an analogous manner.

Table 15: Regressions of Frequency and Size of Producer Price Changes on Inflation

Dependent Variable	CPI Inflation	PPI Inflation
Producer Price 4 Digit Level:		
Frequency of Price Increase	0.86* (0.31)	0.46* (0.09)
Frequency of Price Decrease	-0.16 (0.19)	-0.11 (0.07)
Size of Price Increase	0.19* (0.07)	0.08* (0.04)
Size of Price Decrease	0.02 (0.11)	0.02 (0.05)
Frequency of Price Change	0.63* (0.22)	0.33* (0.10)
Size of Price Change	0.52* (0.18)	0.25* (0.04)

The table reports the results of regressions of the median frequency and absolute size of log price increases and decreases at the 4 digit level on the aggregate CPI inflation rate (first column of numbers) and the aggregate PPI inflation rate (second column of numbers). In both cases the inflation rates are measured as the log change over 12 months. All regressions include four digit-level fixed effects and four digit-level time trends. Standard errors are in parentheses. The standard errors are cluster-robust standard errors calculated according to the method described in Arellano (1987), where the standard errors are clustered by year. A star denotes significance at the 5% level.

Table 16: Regressions of Frequency and Size of Sales on Inflation

Dependent Variable	1988-1997	1998-2005
Consumer Price ELI Level:		
Frequency of Sales	-0.34 (0.17)	-0.24 (0.20)
Size of Sales	-0.19 (0.44)	0.45 (0.43)

The table reports the results of regressions of the frequency and absolute size of sales at the ELI level on the aggregate CPI inflation rate (log change over 12 months). Each observation is for a particular ELI in a particular year. All regressions include ELI-level fixed effects and ELI-level time trends. Standard errors are in parentheses. The standard errors are cluster-robust standard errors calculated according to the method described in Arellano (1987), where the standard errors are clustered by year. A star denotes significance at the 5% level.

TABLE XVII
Correspondence Between ELIs and Major Groups

Processed Food:

FA011, FA021, FA031, FB011, FB021, FB031, FB032, FB041, FB042, FB043, FB044, FG021, FJ021, FJ031, FJ041, FM011, FM021, FM031, FN011, FP011, FP021, FP022, FR011, FR021, FR031, FS011, FS021, FS031, FS032, FT011, FT021, FT031, FT041, FT042, FT043, FT044, FT051, FT061, FT062, FW011, FW021, FW031

Unprocessed Food:

FC011, FC021, FC031, FC041, FD011, FD021, FD031, FD041, FE011, FE012, FE013, FF011, FF021, FG011, FH011, FJ011, FK011, FK021, FK031, FK041, FL011, FL021, FL031, FL041,

Household Furnishing:

HH011, HH021, HH022, HH031, HH032, HH033, HJ011, HJ012, HJ021, HJ022, HJ023, HJ024, HJ031, HJ032, HJ033, HK011, HK012, HK013, HK014, HK021, HK022, HK023, HL011, HL012, HL021, HL031, HL032, HL041, HL042, HM011, HM012, HM013, HM014, HM021, HM022, HN011, HN012, HN021, HN031

Apparel:

AA011, AA012, AA013, AA021, AA022, AA023, AA031, AA032, AA041, AB011, AB012, AB013, AB014, AB015, AC011, AC021, AC031, AC032, AC033, AC041, AC042, AC043, AD011, AD012, AD013, AD014, AD015, AD016, AE011, AE021, AE022, AE031, AF011, AF012, AG011, AG021

Transportation Goods:

TA011, TA012, TA031, TC011, TC021, TC022

Recreation Goods

RA011, RA031, RA041, RA042, RA051, RA061, RB011, RB012, RC011, RC012, RC013, RC021, RC022, RC023, RD011, RD012, RE011, RE012, RE021, RE031, RG011, RG012, RG021, RG022

Other Goods:

EA011, EA012, EA013, EE011, EE021, EE031, EE041, EE042, GA011, GA021, GB011, GB012, GB013, GB014, GB021, GE011, GE012, GE013, MA011, MB011, MB021, MB022, MB023

Utilities:

HE011, HE021, HF011, HF021

Vehicle Fuel:

TB011, TB012, TB013, TB021, TB022

Travel:

HB011, HB021, TA041, TG011, TG021, TG022, TG023

Services (excl. Travel):

EB011, EB021, EB031, EB041, EC011, EC021, ED011, ED021, ED031, FV011, FV021, FV031, FV041, FV051, FX011, GC011, GD011, GD021, GD031, GD041, GD042, GD043, GD051, GD052, GD061, HD011, HG011, HG021, HP011, HP021, HP031, HP041, HP042, HP043, MC011, MC021, MC031, MC041, MD011, MD021, RA021, RB021, RB022, RD021, RD022, RF011, RF021, RF022, RF031, TD011, TD021, TD031, TE011, TF011, TF012, TF031, TF032, TG031, TG032

Unclassified:

HZ011, HZ021, HZ031, MX011, MX021, TA021, TG033

TABLE XVIII
Correspondence Between CPI and PPI Categories

ELI	CPI Name	PPI code	PPI name
FA011	Flour and Prepared Flour Mixes	212	Flour and flour base mixes and doughs
FA021	Breakfast Cereal	2140904	Breakfast Cereals, Ready to Use
FA031	Rice, Pasta, Cornmeal	21402	Pasta Products
FB011	Bread	21101	White Pan Bread
FB021	Fresh Biscuits, Rolls, and Muffins	21105	Bread type Rolls/Stuffing/CROUTONS/CRU
FB031	Cakes and Cupcakes (Excluding Frozen)	21108	Soft Cakes
FB032	Cookies	21121	Cookies, Crackers, and Related Products
FB041	Crackers and Bread & Cracker Products	21121	Cookies, Crackers, and Related Products
FB042	Sweetrolls, Coffee Cake & Doughnuts (Excluding Frozen)	21107	Sweet Yeast Goods
FB044	Pies, Tarts, Turnovers (Excluding Frozen)	21109	Pies
FC011	Uncooked Ground Beef	22101	Beef/Veal Products, Fresh and Frozen
FC021	Uncooked Beef Roast	22101	Beef/Veal Products, Fresh and Frozen
FC031	Uncooked Beef Steaks	22101	Beef/Veal Products, Fresh and Frozen
FC041	Other Uncooked Beef and Veal	22101	Beef/Veal Products, Fresh and Frozen
FD011	Bacon, Breakfast Sausage, and Related Products	22104	Pork Products, fresh and Frozen
FD021	Ham	22104	Pork Products, fresh and Frozen
FD031	Pork Chops	22104	Pork Products, fresh and Frozen
FD041	Other Pork Including Roasts and Picnics	22104	Pork Products, fresh and Frozen
FE012	Lunchmeats	2210503	Fresh/Processed Sausage, deli & Cooked Meat
FE013	Lamb, Organ Meats and Game	22105	Lamb/Mutton, Fresh and Frozen
FF011	Chicken	22209	Chicken Hens and Other Poultry/Small Game
FF021	Other Poultry Including Turkey	22206	Turkeys
FG011	Fresh Fish and Seafood	22301	Unprocessed Finfish
FG021	Processed Fish and Seafood	22303	Frozen Packaged Fish and Seafood
FH011	Eggs	171	Eggs
FJ011	Milk	23103	Packages Fluid Milk and Related Products
FJ021	Cheese and Related Products	233	Natural and Processed Cheese
FJ031	Ice Cream and Related Products	234	Ice Cream and Frozen Desserts
FK011	Apples	1110215	Red Delicious Apples
FK031	Citrus Fruits	11101	Citrus Fruits
FK041	Other Fresh Fruits	11102	Other Fruits and Berries
FL011	Potatoes	11304	Irish Potatoes For Consumer Use
FL021	Lettuce	1130215	Lettuce
FL031	Tomatos	1130217	Tomatos
FL041	Other Fresh Vegetables Including Fresh Herbs	11302	Fresh Vegetables, except Potatoes
FM011	Canned Fruits and Vegetables	24101	Canned Fruits
FM021	Frozen Fruits and Vegetables	24202	Frozen Fruits, Juices and Ades
FN011	Carbonated Drinks	262	Soft Drinks
FN021	Frozen Noncarbonated Juices and Drinks	24203	Frozen Juices and Ades
FN031	Nonfrozen Noncarbonated Juices and Drinks	24102	Canned Fruit Juices
FP011	Coffee	26301	Coffee
FP021	Tea	26303	Tea
FP022	Other Beverage Materials	264	Other Beverage Materials
FR011	Sugar and Artificial Sweeteners	253	Refined Sugar
FR021	Candy and Chewing Gum	255	Confectionery end Products
FS011	Butter and Margarine	232	Butter
FS021	Salad Dressing	2890102	Mayonnaise, Salad Dressings, etc.
FS031	Peanut Butter	2890158	Peanut Butter
FS032	Other Fats and Oils	27	Fats and Oils
FT011	Soups	2840104	Canned Soups
FT021	Frozen and Freeze Dried Prepared Foods	28501	Frozen Specialities

TABLE XVII (contd.)
Correspondence Between CPI and PPI Categories

ELI	CPI Name	PPI code	PPI name
FT031	Snacks	2890172	Chips (Potato, corn, etc.)
FT041	Salt and Other Seasoning and Spices	2890156	Spices
FT042	Olives, Pickles, Relishes	282	Pickles and Pickle Products
FT051	Baby Food	2840101	Canned Baby Foods
FW011	Beer, Ale and Other Malt Beverages at Home	2601	Malt Beverages
FW021	Distilled Spirits at Home	26102	Distilled & Bolled Liquor, Excl. Brandy
FW031	Wine at Home	26104	Wines, Brandy and Brandy Spirits
HE011	Fuel Oil	57302	Home Heating Oil and Other Distillates
HF011	Electricity	54	Electric Power
HF021	Utility (Piped) Gas Services	55	Utility Natural Gas
HH011	Floor Coverings	123	Floor Coverings
HH021	Curtains and Drapers	3820306	Curtains and Draperies
HH022	Window Coverings	126901	Window Shades, Blinds and Accessories
HH031	Bathroom Linens	3820312	Other Textiles, Incl. Towels and Bed Textiles
HH032	Bedroom Linens	3820312	Other Textiles, Incl. Towels and Bed Textiles
HJ011	Mattress & Springs	1214	Bedding
HJ012	Bedroom Furniture other than Mattress and Springs	121203	Bedroom Furniture
HJ021	Sofas, Slipcovers and Decorative Pillows	1213	Upholsterd Household Furniture
HJ022	Living Room Chairs	121201	Living Room Furniture
HJ023	Living Room Tables	121201	Living Room Furniture
HJ024	Kitchen & Dining Room Furniture	121202	Dining Room Furniture
HJ032	Outdoor Furniture	1215	Porch and Lawn Furniture
HK011	Refrigerators and Home Freezers	124103	Refrigeration Equipment
HK012	Washers and Dryers	124102	Laundry Equipment
HK013	Stoves and Ovens Excluding Microwave Ovens	12410139	Gas Household Units and Related Parts
HK014	Microwave Ovens	12410105	Electric and Microwave Household Cooking Units
HK021	Floor Cleaning Equipment	124301	Vacuum Cleaners
HK022	Small Electric Kitchen Appliances	1244	Electric Housewares and Fans
HK023	Other Electric Appliances	1244	Electric Housewares and Fans
HL011	Lamps & Lighting Fixtures	1245	Electric Lamps
HL012	Household Decorative Items & Clocks	1596	Watches, Clocks, Watchcases, & Parts
HL031	Dishes	1261	Tableware, Kitchenware and Pottery
HL032	Flatware	1264	Household Flateware
HL042	Tableware & Nonelectric Kitchenware	1261	Tableware, Kitchenware and Pottery
HM011	Paint, Wallpaper Tools and Supplies	621	Prepared Paint
HM012	Power Tools	1132	Power Driven Hand Tools
HM021	Powered Lawn & Garden Equipment and Other Outdoor Items	1266	Lawn/Garden Equipment Excl. Garden Tractors
HN011	Laundry & Cleaning Products	6710402	Household Detergents
HN021	Household Paper Products	91501	Sanitary Paper Products, Including Stock
AA011	Men's Suits	3810731	Men's, Junior and Little Boy's Suits
AA012	Men's Sport Coats and Tailored Jackets	3810733	Men's and Junior Boys' Tailored Sport Coats
AA013	Men's Outerwear	3810732	Men's and Junior Boys' Overcoats
AA021	Men's Underwear, Hoisery and Nightwear	3810761	Men's, Junior and Little Boys' Underwear
AA023	Men's Active Sportswear	3810742	Men's/Junior Boys and Little Boys' Swimwear
AA031	Men's Shirts	3810711	Men's and Junior Boys' Work Shirts
AA032	Men's Sweaters and Vests	3810743	Men's/Boy's Sweaters
AA041	Men's Pants and Shorts	381071	Men's, Junior and Little Boys' Trousers
AB011	Boys' Outerwear	3810732	Men's and Junior Boys' Overcoats
AB012	Boys' Shirts and Sweaters	3810711	Men's and Junior Boys' Work Shirts
AB013	Boys' Underwear, Nightwear, Hoisery and Accessories	3810761	Men's, Junior and Little Boys' Underwear

TABLE XVII (contd.)
Correspondence Between CPI and PPI Categories

ELI	CPI Name	PPI code	PPI name
AB014	Boys' Suits, Sport Coats, and Pants	381071	Men's, Junior and Little Boys' Trousers
AB015	Boys' Active Sportswear	3810742	Men's/Junior Boys and Little Boys' Swimwear
AC011	Women's Outerwear	3810621	Women's and Girls' Coats and Capes
AC021	Women's Dresses	3810611	Women's , Misses', and Juniors' Dresses
AC031	Women's Tops	3810602	Women's and Girls' woven Shirts and Blouses
AC032	Women's Skirts, Pants and Shorts	3810623	Women's, Misses' and Juniors' Skirts
AC033	Women's Suits and Suit Components	3810622	Women's and Girl's Suits and Pantsuits
AC041	Women's Underwear and Nightwear	3810641	Women's and Girls' Underwear
AC042	Women's Hoisery and Accessories	3810821	Women's/Girls' Finished Pantyhose and Tights
AC043	Women's Active Sportswear	3810632	Womens', Misses' and Juniors' Swimwear
AD011	Girls' Outerwear	3810621	Women's and Girls' Coats and Capes
AD012	Girls' Dresses	3810611	Women's , Misses', and Juniors' Dresses
AD013	Girls' Tops	3810602	Women's and Girls' woven Shirts and Blouses
AD014	Girls' Skirts and Pants	3810623	Women's, Misses' and Juniors' Skirts
AD015	Girls' Active Sportswear	3810632	Womens', Misses' and Juniors' Swimwear
AD016	Girls' Underwear, Nightwear, Hoisery and Accessories	3810641	Women's and Girls' Underwear
AE011	Men's Footwear	431	Men's Footwear, Excluding Athletic
AE031	Women's Footwear	432	Women's Footwear, Excluding Athletic
AF011	Infants' and Toddlers' Outerwear, Play and Dresswear, and Sleepers	3810652	Infants' Outerwear
AF012	Infants' and Toddlers' Underwear and Diapers	3810651	Infants' Underwear and Nightwear
AG011	Watches	1596	Watches, Clocks, Watchcases, & Parts
AG021	Jewelry	1594	Jewelry and jewelry products
TA011	New Cars and Trucks	141101	Passanger Cars
TA012	New Motorcycles	141104	Motorcycles
TB011	Regular Unleaded Gasoline	27104	Unleaded Regular Gasoline
TB012	Mid-Grade Unleaded Gasoline	57105	Unleaded Mid-Premium Gasoline
TB013	Premium Unleaded Gasoline	57103	Unleaded Premium Gasoline
TB021	Automotive Diesel Fuel	57303	#2 Diesel Fuel
TC011	Tires	71201	Tires
TC021	Vehicle Parts & Equipment Other Than Tires	141205	Motor Vehicle Parts
RA011	Televisions	1252	Television Receivers
RA031	Other Video Equipment	125802	All Other Consumer Audio & Video Equipment
RA051	Audio Components, Radio, Tape Recorders/Players, and Other Audio Equipment	125801	Home, Portable & Automotive Audio Equipment
RB011	Pet Food	29402	Pet Food
RC011	Outboard Moters & Powered Sports Vehicles	143201	Outboard Motorboats
RC012	Unpowered Boats & Trailers	143103	Self Propelled Ships, New, Nonmilitary
RC013	Bicycles & Accessories	15120182	Bicycles, Adult Tricycles, Unicycles
RC021	General Sports Equipment Excluding Water	1512	Sporting and Athletic Goods
RC022	Water Sports Equipment	1512	Sporting and Athletic Goods
RC023	Hunting, Fishing & Camping Equipment	1513	Small Arms and Ammunition
RD011	Film and Photographic Supplies	1542	Photographic Supplies
RD012	Photographic Equipment	1541	Photographic Equipment
RE011	Toys, Games, Hobbies & Playground Equipment	1511	Toys, Games and Children's Vehicles
RE012	Video Game Hardware, Software & Accessories	1511	Toys, Games and Children's Vehicles
RE031	Musical Instruments & Accessories	1593	Musical Instruments
RG022	Books Not Purchased Through Book Clubs	93304	General Books
EA011	College Textbooks	93301	Textbooks
EA012	Elementary and High School Books and Supplies	93301	Textbooks
EA013	Encyclopedias and Other Sets of Reference Books	93305	General Reference Books

TABLE XVII (contd.)
Correspondence Between CPI and PPI Categories

ELI	CPI Name	PPI code	PPI name
EE011	Personal Computers & Peripheral Equipment	115	Electronic Computers and Computer Equipment
EE041	Telephone, Peripheral Equipment & Accessories	117601	Telephone and Telegraph Equipment
EE042	Calculators, Typewriters & Other Information Processing Equipment	1193	Office and Store Machines and Equipment
GA011	Cigarettes	1521	Cigarettes
GA021	Tobacco Products Other Than Cigarettes	1523	Other Tobacco Products
GB011	Products and Nonelectronic Articles for the Hair	67504	Hair Preparations
GB012	Dental & Shaving Products, Including Nonelectronic Articles	67502	Shaving Preparations
GB014	Electronic Personal Care Appliances	67514	Creams, Lotions and Oils
GB021	Cosmetics, Perfume, Bath, Nail Preparations & Implements	67503	Perfume, Cologne & Toilet Water
GE011	Stationery, Stationery Supplies and Gift Wrap	91301	Writing and Printing Papers
GE012	Luggage	441	Luggage and Small Leather Goods

Table 19: Frequency of Price Change by Category for 1998-2005

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
GIRLS' OUTERWEAR	AD011	0.0	-	-	52	55.0	1.3	18.0	202	0.0	1.5	0.031	0.03
LEGAL SERVICES	GD011	1.6	63.1	96.2	3309	1.6	63.1	96.2	3309	2.0	2.2	0.482	0.51
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SIMILAR ITEMS	FV041	1.7	57.5	82.2	8475	1.7	57.5	82.2	8475	1.7	2.1	0.299	0.81
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	1.7	56.8	79.3	1662	19.4	4.6	44.5	2259	2.6	3.5	0.129	0.94
MEN'S SWEATERS AND VESTS	AA032	1.8	54.1	57.1	382	40.4	1.9	16.2	811	3.8	5.8	0.126	1.07
GIRLS' UNDERWEAR	AD016	1.8	53.7	53.5	2331	18.4	4.9	38.9	2993	2.4	2.9	0.052	1.12
SCUBA GEAR AND EQUIPMENT	RC022	1.9	52.0	50.0	105	16.9	5.4	45.5	130	1.6	1.6	0.013	1.13
PAINTINGS AND PICTURES	HL012	1.9	51.9	70.5	4087	15.4	6.0	44.0	5419	2.1	3.5	0.239	1.37
LOCAL AUTOMOBILE REGISTRATION	TF012	1.9	51.9	92.3	681	1.9	51.9	92.3	681	2.0	2.8	0.295	1.67
OTHER INFORMATION SERVICES	EE031	2.1	47.6	89.3	4041	2.2	44.2	85.9	4113	2.3	2.6	0.025	1.69
DISHCLOTHS AND DISHTOWELS	HH033	2.1	47.2	87.5	382	15.9	5.8	46.4	528	2.3	4.2	0.058	1.75
GENERAL PURPOSE AND AUTO	HM014	2.1	46.5	72.2	846	4.6	21.3	55.0	872	2.6	3.4	0.042	1.79
INTRACITY MASS TRANSIT	TG031	2.3	42.7	83.9	8028	2.3	42.7	83.9	8028	2.3	2.8	0.332	2.12
WOMEN'S SWIMSUITS	AC043	2.4	41.8	71.4	592	36.8	2.2	15.5	1159	2.4	5.8	0.191	2.31
MATERIALS FOR MAKING SLIPCOVERS, UPHOLSTERY, CURTAINS & DRAPERIES	RE021	2.4	41.6	76.9	4381	12.8	7.3	49.4	5543	2.8	3.5	0.092	2.41
ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS	EA013	2.4	41.3	33.3	502	7.4	13.1	30.0	544	2.7	3.6	0.057	2.46
WOMEN'S DRESSES	AC021	2.4	41.1	62.9	2577	37.4	2.1	17.0	5297	3.1	6.5	0.282	2.75
PHYSICAL MEDICINE	MC041	2.4	40.8	85.7	3759	2.4	40.8	85.7	3759	2.7	3.3	0.374	3.12
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	2.5	39.5	70.3	2962	14.8	6.2	44.3	3566	2.6	3.8	0.198	3.32
MEN'S SWIMSUITS	AA023	2.5	39.1	53.3	594	30.5	2.7	25.9	1163	3.0	5.7	0.116	3.43
STATE VEHICLE REGISTRATION	TF011	2.6	38.5	79.5	20929	2.6	38.5	79.5	20929	2.6	3.2	0.290	3.72
CHAISE LOUNGE	HJ032	2.7	37.1	77.8	338	19.2	4.7	33.7	478	2.7	3.6	0.069	3.79
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	2.7	36.6	70.4	2633	26.0	3.3	43.6	4000	3.2	4.8	0.212	4.00
CURTAINS AND DRAPES	HH021	2.7	36.0	89.7	1059	21.8	4.1	50.7	1704	2.7	3.4	0.076	4.08
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	2.8	35.7	92.3	942	2.8	35.7	92.3	942	3.2	3.3	0.151	4.23
NONELECTRIC COOKINGWARE	HL041	2.8	35.2	74.0	1784	18.0	5.0	48.8	2498	3.9	5.1	0.042	4.27
WOMEN'S OUTERWEAR	AC011	2.8	34.8	58.6	2473	30.6	2.7	23.5	5329	3.6	5.9	0.155	4.43
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	2.9	34.5	81.2	9527	2.9	33.5	80.1	9542	3.1	3.6	0.914	5.34

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
PARKING FEES	TF031	2.9	34.1	81.5	43359	2.9	34.1	81.5	43359	2.9	3.4	0.226	5.57
DOLLS AND DOLL CLOTHING	RE011	2.9	33.5	70.4	4597	8.7	11.0	43.0	5192	3.8	5.3	0.362	5.93
GIRLS' SWIMSUITS	AD015	2.9	33.5	0.0	34	58.2	1.1	17.1	141	2.2	6.3	0.035	5.96
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	3.0	33.2	70.2	2830	12.6	7.4	49.8	3556	3.4	4.5	0.068	6.03
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	3.0	33.0	81.0	9843	3.3	29.7	76.3	9936	3.1	3.2	0.298	6.33
FLATWARE	HL032	3.0	32.8	80.0	333	23.3	3.8	51.0	631	4.3	6.2	0.031	6.36
GIRLS' DRESSES	AD012	3.0	32.6	71.4	232	44.2	1.7	17.9	581	3.4	5.0	0.069	6.43
PLASTIC DINNERWARE	HL031	3.0	32.4	70.6	2799	23.9	3.7	47.1	4655	3.5	4.4	0.073	6.50
LUGGAGE	GE012	3.1	32.2	54.5	360	25.7	3.4	41.3	734	3.2	5.6	0.116	6.62
WATCHES	AG011	3.1	32.2	65.5	2843	19.8	4.5	48.8	4045	3.2	3.9	0.094	6.71
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	3.1	32.1	81.3	5060	3.1	31.3	80.5	5064	3.1	3.4	1.364	8.08
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	3.1	32.1	55.6	1173	24.4	3.6	40.9	1827	3.7	5.7	0.135	8.21
FAN	HK023	3.1	31.7	49.1	1708	13.9	6.7	37.7	2077	3.6	4.5	0.074	8.29
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	3.2	31.2	62.0	3171	26.4	3.3	44.2	5257	3.2	4.0	0.359	8.65
CRIB AND MATTRESS	HJ031	3.2	30.8	73.9	719	9.8	9.7	53.1	829	3.0	4.4	0.062	8.71
FEES FOR LESSONS OR INSTRUCTIONS	RF031	3.3	30.0	95.6	2778	3.6	27.3	92.1	2813	4.1	5.4	0.312	9.02
MEN'S PANTS AND SHORTS	AA041	3.3	29.4	59.0	4300	34.4	2.4	42.7	8981	3.7	4.5	0.311	9.33
EXERCISE EQUIPMENT	RC021	3.4	29.2	68.5	4806	14.5	6.4	44.2	6200	3.5	4.8	0.187	9.52
GENERAL MEDICAL PRACTICE	MC011	3.4	29.2	68.8	7801	3.4	29.2	68.8	7801	3.6	4.2	2.064	11.58
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	3.5	28.5	75.8	1912	3.5	28.5	75.8	1912	3.4	3.6	0.197	11.78
INFANTS' AND TODDLERS' OUTERWEAR	AF011	3.5	27.8	78.3	1698	38.0	2.1	32.0	3232	4.3	6.0	0.156	11.93
FIRST CLASS MAIL	EC011	3.5	27.8	95.0	23374	3.5	27.8	95.0	23374	3.5	3.5	0.275	12.21
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	3.5	27.7	64.6	5507	25.9	3.3	37.6	8800	3.5	5.0	0.513	12.72
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	3.6	27.3	59.8	2698	36.0	2.2	21.1	5408	4.1	6.0	0.574	13.30
BLENDERS	HK022	3.6	27.1	60.8	1408	21.0	4.2	48.2	2117	3.6	4.6	0.060	13.36
TOWELS, WASH CLOTHS, BATH MATS	HH031	3.6	27.1	68.0	690	36.9	2.2	49.0	1409	3.9	4.3	0.062	13.42
UTILITY PAIL	HN012	3.7	26.5	62.5	647	9.1	10.5	52.4	693	3.8	4.8	0.237	13.66
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	3.7	26.4	65.4	700	35.4	2.3	41.1	1534	3.5	4.0	0.054	13.71
WOMEN'S SKIRTS	AC032	3.8	26.1	57.1	3532	31.0	2.7	30.1	6207	3.8	5.1	0.528	14.24
BOYS' SUITS AND VESTS	AB014	3.8	26.0	68.1	1246	26.9	3.2	44.8	1923	4.1	4.9	0.155	14.39

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	3.8	26.0	80.0	530	3.8	26.0	80.0	530	3.9	3.9	0.029	14.42
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	3.8	25.5	61.2	2551	4.0	24.2	61.5	2574	3.9	4.1	0.040	14.46
BOYS' SHIRTS	AB012	3.9	25.2	66.7	1158	31.3	2.7	31.1	1848	4.1	5.7	0.095	14.56
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	3.9	25.1	64.9	20803	5.4	18.1	60.2	21655	3.9	6.3	0.151	14.71
LIPSTICK, GLOSS, ROUGE	GB021	3.9	25.0	82.5	4361	9.9	9.6	59.8	4714	4.3	4.8	0.514	15.22
LIVING ROOM TABLES	HJ023	3.9	25.0	75.0	306	22.6	3.9	48.8	572	5.3	6.4	0.195	15.42
MEN'S SHIRTS	AA031	4.0	24.6	61.4	5392	34.5	2.4	40.4	9818	4.5	5.3	0.291	15.71
HAIR DRYER	GB014	4.0	24.5	66.7	225	16.1	5.7	50.0	274	4.0	5.0	0.135	15.84
MEN'S OUTERWEAR	AA013	4.0	24.4	63.3	1492	28.1	3.0	33.3	2885	4.5	5.5	0.114	15.96
STATIONERY	GE011	4.0	24.3	70.2	5090	7.2	13.3	55.5	5370	4.5	5.6	0.167	16.12
JEWELRY	AG021	4.1	23.8	62.4	4529	21.0	4.2	46.3	6929	4.2	5.7	0.437	16.56
SLEEPING BAGS, COTS, AND OTHER SLEEPING EQUIPMENT	RC023	4.1	23.6	65.8	1763	12.9	7.2	48.7	2038	4.6	5.6	0.122	16.68
DOGS	RB012	4.1	23.6	77.0	1784	7.1	13.6	66.2	1918	4.6	5.3	0.224	16.91
PORTABLE SANDING/POLISHING TOOLS	HM012	4.3	23.0	48.3	1410	16.1	5.7	46.6	1748	4.3	4.9	0.044	16.95
DOMESTIC SERVICES	HP011	4.3	22.7	79.7	1602	4.3	22.7	79.7	1602	4.3	4.7	0.450	17.40
AUTOMOBILE SERVICE CLUBS	TF032	4.3	22.7	88.8	6213	7.6	12.7	69.4	6616	4.5	4.6	0.045	17.45
BOYS' OUTERWEAR	AB011	4.3	22.6	71.4	162	34.0	2.4	24.1	329	3.4	4.8	0.041	17.49
GIRLS' PANTS AND SHORTS	AD014	4.4	22.2	61.3	1410	35.5	2.3	34.8	2674	4.6	5.7	0.100	17.59
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	4.4	22.2	76.7	35064	5.8	16.7	69.0	36335	4.6	5.0	0.399	17.99
TAXI FARE	TG032	4.4	22.2	89.2	2107	4.4	22.2	89.2	2107	4.4	4.8	0.103	18.09
MEN'S SUITS AND FORMAL WEAR	AA011	4.5	21.8	77.8	3530	33.1	2.5	47.0	6803	4.8	5.2	0.164	18.25
PROSTHODONTICS AND IMPLANTS	MC021	4.5	21.8	92.2	8615	4.5	21.8	92.2	8617	4.5	4.8	1.194	19.45
RECLINERS	HJ022	4.6	21.2	80.5	891	26.3	3.3	50.4	1614	5.6	7.7	0.208	19.65
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	4.6	21.1	43.1	1101	24.8	3.5	38.1	1642	5.8	8.0	0.140	19.79
HOUSING AT SCHOOL, EXCLUDING BOARD	HB011	4.7	20.9	91.7	1029	4.7	20.9	91.7	1029	5.2	5.3	0.331	20.13
BOYS' UNDERWEAR	AB013	5.0	19.6	67.5	806	19.6	4.6	50.2	1028	4.9	5.5	0.044	20.17
GIRLS' SWEATERS	AD013	5.0	19.6	58.6	583	36.9	2.2	28.6	1042	4.8	7.2	0.090	20.26
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN INSECTICIDES	HM022	5.0	19.5	67.3	2145	9.0	10.7	53.1	2311	5.4	6.0	0.217	20.48
FULL SERVICE MEALS AND SNACKS	FV011	5.0	19.5	86.3	14584	5.1	19.2	85.4	14606	5.0	5.6	4.147	24.62
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	5.0	19.5	75.8	9419	5.2	18.6	74.7	9452	5.0	5.8	0.496	25.12

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
BEDSPREADS	HH032	5.0	19.4	56.2	1595	34.7	2.3	48.4	3408	5.5	6.5	0.078	25.20
CEILING AND WALL LIGHTS	HL011	5.1	19.3	55.6	356	17.2	5.3	41.9	500	5.4	7.1	0.045	25.24
MEN'S UNDERWEAR	AA021	5.1	19.0	64.9	1443	25.8	3.4	50.6	1962	4.7	4.9	0.128	25.37
MATTRESSES AND SPRINGS	HJ011	5.2	18.8	77.9	1310	23.0	3.8	53.0	2100	6.9	8.7	0.184	25.56
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	5.4	18.2	66.4	2000	18.1	5.0	50.2	2623	6.0	7.5	0.111	25.67
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	5.4	18.2	59.5	1383	5.4	18.2	59.5	1383	5.3	5.5	0.021	25.69
BOARD	FV051	5.4	18.2	81.1	4446	5.5	17.8	80.3	4467	6.3	7.0	0.245	25.93
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	5.4	18.0	67.1	12786	5.6	17.2	66.2	12834	5.4	5.7	0.149	26.08
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	5.4	17.9	52.8	662	42.7	1.8	20.9	1689	5.8	9.3	0.105	26.19
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	5.5	17.8	88.6	1283	5.5	17.8	88.6	1283	5.8	5.9	0.248	26.43
OPTOMETRISTS/OPTICIANS	MC031	5.5	17.7	76.4	5553	11.2	8.4	61.6	6180	6.0	7.2	0.386	26.82
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	5.5	17.5	65.5	523	5.5	17.5	65.5	523	4.8	5.4	0.079	26.90
DEODORANT, ANTIPERSPIRANT	GB013	5.6	17.4	66.0	948	16.3	5.6	54.2	1089	5.9	6.0	0.119	27.02
LARGE EQUIPMENT, POWERED	HM021	5.6	17.4	61.3	1341	18.4	4.9	45.5	1911	5.8	6.8	0.211	27.23
NURSING AND CONVALESCENT HOME CARE	MD021	5.7	17.0	89.4	7263	5.7	17.0	89.4	7263	5.8	6.6	0.073	27.30
CANDY AND CHEWING GUM	FR021	5.7	16.9	68.4	30958	14.9	6.2	56.0	35773	5.8	6.0	0.312	27.61
PET SERVICES	RB021	5.8	16.9	78.3	799	5.8	16.9	78.3	799	5.7	6.7	0.158	27.77
WINE AT HOME	FW031	5.8	16.9	68.6	4531	19.3	4.7	52.9	6164	5.9	7.0	0.254	28.03
FULL COLLEGE TUITION AND FIXED FEES	EB011	5.8	16.8	85.9	1352	5.8	16.8	85.9	1352	7.8	7.9	1.584	29.61
ADMISSION TO SPORTING EVENTS	RF022	5.8	16.7	74.5	948	6.6	14.6	78.1	964	6.4	6.8	0.312	29.92
STRING INSTRUMENTS	RE031	5.8	16.6	64.5	3958	9.2	10.3	53.1	4504	6.0	6.9	0.075	30.00
CALCULATORS AND ADDING MACHINES	EE042	5.9	16.4	50.0	843	8.0	11.9	39.4	882	5.7	6.8	0.013	30.01
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	6.0	16.3	75.7	3171	11.9	7.9	60.4	3539	5.5	6.9	0.198	30.21
BOYS' SWIMSUITS	AB015	6.0	16.2	100.0	67	56.8	1.2	19.8	222	4.5	6.6	0.033	30.24
VENETIAN BLINDS	HH022	6.0	16.1	81.3	1246	21.9	4.0	53.1	1700	6.0	6.8	0.072	30.31
DENTAL PREPARATIONS	GB012	6.1	15.9	68.5	2085	15.5	5.9	56.1	2437	6.2	6.8	0.117	30.43
SUPPORTIVE MEDICAL EQUIPMENT	MB023	6.1	15.9	80.0	901	8.7	11.0	70.7	943	6.0	6.9	0.063	30.49
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	6.1	15.8	75.9	11328	14.4	6.4	59.5	12923	6.3	6.8	0.110	30.60
LIMITED SERVICE MEALS AND SNACKS	FV021	6.1	15.8	81.2	16886	7.0	13.8	76.1	17153	6.2	6.5	2.304	32.91

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021	6.2	15.5	85.5	995	6.2	15.5	85.5	995	7.2	7.4	0.482	33.39
HOSPITAL SERVICES	MD011	6.3	15.5	86.3	22271	6.3	15.5	86.3	22271	6.6	7.3	1.866	35.26
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	6.3	15.3	78.5	17134	13.1	7.1	62.0	19020	6.5	6.9	0.158	35.41
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	6.3	15.3	70.0	949	15.3	6.0	56.4	1067	6.5	7.2	0.055	35.47
ROPE	HM013	6.3	15.2	72.5	1717	9.3	10.2	62.7	1785	6.4	6.9	0.066	35.54
NEW MOTORCYCLES	TA012	6.4	15.2	45.9	959	7.5	12.9	44.0	1003	7.1	10.6	3.303	38.84
SOFAS OTHER THAN SOFA BEDS	HJ021	6.5	14.9	62.5	1234	30.3	2.8	49.6	2346	8.2	10.0	0.223	39.06
PAINT	HM011	6.5	14.9	96.0	385	16.1	5.7	65.8	454	6.9	7.4	0.065	39.13
BICYCLES AND ACCESSORIES	RC013	6.5	14.8	58.6	444	13.8	6.8	43.2	538	6.3	7.7	0.078	39.20
TOPICALS AND DRESSINGS	MB021	6.7	14.4	73.4	4251	11.9	7.9	61.3	4549	7.2	7.7	0.065	39.27
VIDEO GAME HARDWARE	RE012	6.8	14.3	25.9	399	13.2	7.1	26.7	456	7.8	9.0	0.148	39.42
DOG FOOD	RB011	6.8	14.2	68.5	2895	21.5	4.1	54.4	3580	7.6	7.8	0.355	39.77
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	6.8	14.2	68.2	16792	13.8	6.7	57.7	19550	6.9	7.1	0.111	39.88
BEDROOM CASE GOODS	HJ012	6.8	14.1	77.4	2138	18.9	4.8	57.5	2892	7.3	8.5	0.243	40.13
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	6.9	14.1	41.4	3208	22.6	3.9	40.7	4270	7.3	9.2	0.191	40.32
COLORING	GB011	6.9	14.0	68.1	2052	19.7	4.6	53.7	2461	7.7	7.9	0.135	40.45
DAY CARE AND NURSERY SCHOOL	EB031	6.9	14.0	88.2	20666	6.9	14.0	88.2	20666	7.4	7.9	1.277	41.73
STROLLER	GE013	7.0	13.7	87.5	114	17.5	5.2	55.2	166	6.5	7.7	0.050	41.78
PREPARED SALADS	FT061	7.0	13.7	79.1	3890	16.8	5.4	60.2	4466	7.1	7.5	0.056	41.84
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	7.2	13.5	75.3	31031	15.6	5.9	60.1	35554	7.2	7.6	0.203	42.04
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	7.4	13.0	70.9	4131	19.4	4.6	56.8	5033	7.5	7.9	0.357	42.40
SALT AND OTHER SEASONINGS AND SPICES	FT041	7.4	12.9	64.5	8098	16.1	5.7	54.9	9378	7.5	7.8	0.092	42.49
KITCHEN TABLE, CHAIR AND SETS	HJ024	7.5	12.8	68.0	995	26.4	3.3	50.4	1704	7.3	9.4	0.218	42.71
FLOOR CLEANING EQUIPMENT	HK021	7.6	12.6	35.5	814	25.6	3.4	40.7	1286	7.4	9.9	0.049	42.75
DIAPERS AND DIAPER LINERS	AF012	7.6	12.6	50.5	3689	20.4	4.4	48.8	4531	7.7	9.1	0.220	42.97
POTATO CHIPS AND OTHER SNACKS	FT031	7.6	12.6	66.8	28419	26.0	3.3	53.6	40175	7.2	7.5	0.381	43.35
GARDENING OR LAWN CARE SERVICES	HP021	7.8	12.4	76.6	1813	7.8	12.4	76.6	1813	7.8	7.9	0.378	43.73
PRERECORDED - VIDEO TAPES AND DISCS	RA041	7.8	12.3	50.0	1665	11.8	8.0	49.1	1838	8.1	10.5	0.097	43.83
INTERNAL AND RESPIRATORY OVER-THE-COUNTER DRUGS	MB011	7.9	12.2	69.1	7482	15.5	5.9	57.8	8402	8.2	8.8	0.361	44.19

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
COMPUTER SOFTWARE	EE021	7.9	12.1	49.1	4050	10.8	8.7	46.9	4324	8.2	9.7	0.042	44.23
TENANTS' INSURANCE	HD011	7.9	12.1	77.1	13377	7.9	12.1	77.1	13377	8.0	8.7	0.510	44.74
FILM	RD011	7.9	12.1	56.3	2511	17.4	5.2	50.7	3046	8.6	9.1	0.075	44.82
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	8.2	11.8	70.9	5434	20.5	4.4	56.4	6650	8.0	8.9	0.059	44.88
PHOTOGRAPHER'S FEES	RD021	8.2	11.8	81.3	1312	9.5	10.1	75.2	1405	8.1	9.3	0.088	44.97
MOTOR VEHICLE INSURANCE	TE011	8.2	11.8	65.8	8631	8.2	11.8	65.8	8631	8.2	15.2	3.371	48.34
OUTBOARD MOTORS GASOLINE POWERED	RC011	8.2	11.7	65.1	2030	10.8	8.7	57.2	2307	8.4	11.2	0.130	48.47
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	8.3	11.5	76.2	2025	10.3	9.2	72.1	2127	8.7	14.7	0.115	48.58
REUPHOLSTERY OF FURNITURE	HP042	8.4	11.4	81.2	822	8.4	11.4	81.2	822	8.2	9.3	0.047	48.63
OLIVES, PICKLES, RELISHES	FT042	8.4	11.3	69.3	3198	24.6	3.5	55.0	4201	8.1	8.5	0.050	48.68
INDOOR PLANTS	HL021	8.5	11.3	63.7	7032	12.9	7.3	54.2	7677	8.7	9.1	0.213	48.89
CLUB MEMBERSHIP DUES	RF011	8.6	11.2	80.8	4997	12.6	7.4	69.3	5445	9.0	9.4	0.921	49.81
VETERINARIAN SERVICES	RB022	8.7	11.0	91.0	4440	8.7	11.0	91.0	4440	8.7	9.3	0.185	50.00
AUTOMOBILE BATTERIES	TC021	8.7	10.9	68.7	34541	11.0	8.6	63.3	36130	8.8	10.2	0.188	50.19
TEA	FP021	8.9	10.8	66.3	8683	20.7	4.3	55.2	10766	9.1	9.4	0.072	50.26
FUNERAL EXPENSES	GD021	8.9	10.8	84.5	3637	8.9	10.8	84.5	3637	9.2	9.9	0.492	50.75
SPANISH/MEXICAN FOODS	FT062	8.9	10.7	66.9	23948	25.0	3.5	54.4	31546	8.8	9.1	0.381	51.13
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS	RF021	9.0	10.6	82.8	5707	9.1	10.5	81.9	5725	9.2	10.1	0.784	51.91
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	9.1	10.5	70.2	5724	18.7	4.8	58.6	6748	9.1	9.4	0.070	51.98
TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES	EB041	9.2	10.4	83.4	13680	9.2	10.4	83.4	13680	9.4	10.5	0.074	52.06
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	9.2	10.4	70.1	729	11.5	8.2	66.7	754	9.5	9.8	0.066	52.13
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	9.3	10.2	66.2	23276	23.1	3.8	55.1	29407	9.2	9.5	0.107	52.23
GARBAGE/TRASH COLLECTION	HG021	9.4	10.2	77.2	6737	9.4	10.2	77.2	6737	9.2	9.9	0.346	52.58
SOAPS AND DETERGENTS	HN011	9.4	10.1	65.9	5674	21.7	4.1	54.9	6959	9.5	9.9	0.316	52.89
COOKIES	FB032	9.6	10.0	65.6	18116	32.1	2.6	53.5	26592	9.2	9.6	0.212	53.11
DRIED AND PROCESSED FRUIT	FM031	9.6	9.9	66.1	25658	18.6	4.9	56.9	29699	9.6	9.8	0.065	53.17
FILM PROCESSING	RD022	9.7	9.8	55.0	3161	10.7	8.9	54.9	3222	9.8	10.6	0.120	53.29
WHITE BREAD	FB011	9.8	9.7	73.9	46785	23.7	3.7	58.1	59408	9.6	9.9	0.403	53.69
SAUCES AND GRAVIES	FT043	9.9	9.6	64.3	15235	23.3	3.8	54.2	19422	9.9	10.2	0.195	53.89

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
RICE	FA031	9.9	9.6	62.8	27872	23.1	3.8	54.2	35286	9.6	9.9	0.210	54.10
SUGAR AND ARTIFICIAL SWEETENERS	FR011	9.9	9.6	64.6	28252	22.5	3.9	54.7	35155	9.8	10.0	0.101	54.20
OTHER VIDEO EQUIPMENT	RA031	9.9	9.5	33.8	3960	27.0	3.2	33.9	5530	10.4	13.3	0.077	54.28
RENTAL OF VIDEO TAPES AND DISCS	RA042	10.0	9.5	61.3	1940	10.0	9.5	61.0	1952	9.8	10.0	0.126	54.40
SALAD DRESSING	FS021	10.1	9.4	65.6	28674	27.9	3.1	54.1	38940	9.8	10.0	0.111	54.51
HOUSEHOLD PAPER PRODUCTS	HN021	10.1	9.4	67.9	3319	24.9	3.5	54.9	4218	10.2	11.1	0.299	54.81
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	10.1	9.3	66.6	31565	25.0	3.5	55.1	40472	10.0	10.4	0.168	54.98
PEANUT BUTTER	FS031	10.1	9.3	59.9	10119	26.0	3.3	52.8	13387	10.0	10.1	0.053	55.03
TELEPHONES	EE041	10.3	9.2	36.9	2413	17.5	5.2	36.0	2819	10.5	13.1	0.047	55.08
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	10.3	9.2	65.1	21500	27.2	3.1	54.1	30072	10.0	10.3	0.076	55.16
FROZEN FRUITS	FM021	10.4	9.1	68.3	37957	28.7	3.0	54.8	52589	10.0	10.3	0.144	55.30
MICROWAVE OVENS	HK014	10.5	9.0	43.4	725	29.4	2.9	42.9	1126	10.4	11.7	0.068	55.37
CANNED FRUIT	FM011	10.5	9.0	66.3	24619	26.2	3.3	54.6	32596	10.3	10.5	0.243	55.61
SOUP	FT011	10.5	9.0	64.2	24028	23.4	3.8	55.2	30458	10.1	10.4	0.149	55.76
STILL CAMERA	RD012	10.5	9.0	37.6	1341	19.1	4.7	33.3	1727	10.9	12.5	0.062	55.82
MOVING, STORAGE, FREIGHT EXPRESS	HP031	10.5	9.0	71.2	5244	10.7	8.8	70.7	5267	10.6	11.4	0.148	55.97
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	10.6	8.9	73.1	4888	22.6	3.9	59.1	6252	10.9	11.0	0.466	56.44
WATER AND SEWERAGE SERVICE	HG011	10.7	8.8	75.8	11155	10.7	8.8	75.8	11155	10.7	11.3	0.942	57.38
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	10.7	8.8	72.4	5813	11.3	8.4	70.1	5959	10.7	11.9	0.708	58.09
WHISKEY AT HOME	FW021	10.8	8.8	70.8	4384	19.3	4.7	59.5	5481	10.6	10.6	0.154	58.24
UNPOWERED BOATS	RC012	11.1	8.5	65.7	316	16.6	5.5	54.7	385	9.6	12.8	0.088	58.33
ROOM SIZE RUGS	HH011	11.1	8.5	72.1	2832	17.5	5.2	61.8	3266	11.3	12.9	0.119	58.45
APPLIANCE REPAIR	HP041	11.1	8.5	83.3	539	11.1	8.5	83.3	539	11.4	11.5	0.032	58.48
CANNED FISH AND SEAFOOD	FG021	11.2	8.4	62.3	33728	26.2	3.3	53.4	44698	11.0	11.4	0.198	58.68
FLOUR	FA011	11.5	8.2	66.0	26395	25.8	3.3	55.2	33769	11.1	11.4	0.099	58.78
CIGARS	GA021	11.5	8.2	80.1	27324	13.2	7.1	75.0	29259	11.5	11.8	0.091	58.87
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	11.6	8.1	66.6	32747	25.9	3.3	55.7	43064	11.2	11.4	0.219	59.09
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	11.7	8.1	62.6	37240	29.4	2.9	53.6	52420	11.4	11.7	0.435	59.52
MOTOR OIL	TC022	11.7	8.0	73.2	23989	15.4	6.0	66.5	25414	11.7	12.0	0.196	59.72
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	11.8	8.0	61.7	33033	31.6	2.6	53.1	48111	11.0	11.3	0.297	60.02

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
CEREAL	FA021	11.8	7.9	69.3	40786	26.1	3.3	57.0	52010	11.5	11.8	0.434	60.45
LARD AND SHORTENING	FS032	11.9	7.9	66.6	23032	24.1	3.6	56.2	28981	11.7	11.9	0.108	60.56
CRACKERS	FB041	12.0	7.8	64.2	11282	35.8	2.3	53.2	17522	11.0	11.3	0.119	60.68
FROZEN BAKERY PROD & FROZEN/REFRIG DOUGHS/BATTERS	FB043	12.3	7.6	67.8	8933	28.2	3.0	55.1	11820	11.7	12.0	0.105	60.78
BABY FOOD	FT051	12.3	7.6	67.8	32212	18.9	4.8	60.0	36883	12.2	12.5	0.141	60.92
COMMUNITY ANTENNA OR CABLE TV	RA021	12.4	7.6	77.3	9408	12.8	7.3	75.3	9519	12.7	14.6	1.259	62.18
COLLEGE TEXTBOOKS	EA011	12.6	7.4	79.3	3119	12.8	7.3	78.5	3174	11.6	12.0	0.140	62.32
ICE CREAM AND RELATED PRODUCTS	FJ031	12.7	7.4	68.9	23809	32.9	2.5	54.6	34702	12.0	12.2	0.249	62.57
TELEVISIONS	RA011	12.8	7.3	37.0	3072	31.2	2.7	35.8	4728	12.7	15.1	0.245	62.82
CELLULAR TELEPHONES	ED031	13.0	7.2	46.6	9360	13.0	7.2	46.6	9360	13.2	15.5	0.068	62.88
LAMB AND MUTTON	FE013	13.0	7.2	64.7	4913	21.4	4.1	56.7	5701	13.1	13.5	0.130	63.01
COLA DRINKS	FN011	13.1	7.1	63.1	31113	38.7	2.0	52.7	57561	12.4	12.5	0.581	63.60
ROASTED COFFEE	FP011	13.5	6.9	50.7	38342	26.4	3.3	49.2	48339	13.4	13.8	0.202	63.80
BANANAS	FK021	13.5	6.9	54.3	33567	29.0	2.9	51.2	44415	12.8	12.8	0.146	63.94
FRANKFURTERS	FE011	13.8	6.7	68.8	8560	32.1	2.6	55.5	11786	13.2	13.4	0.159	64.10
TURKEY (EXCLUDING CANNED)	FF021	14.1	6.6	60.8	23067	25.9	3.3	53.4	28707	13.5	14.0	0.157	64.26
PAINTING ENTIRE MOTOR VEHICLE	TD011	14.4	6.4	70.2	3423	14.4	6.4	70.2	3424	14.3	17.1	0.164	64.42
PRESCRIPTION DRUGS	MA011	15.0	6.1	79.0	11295	15.1	6.1	78.8	11309	15.1	15.5	1.198	65.62
WASHERS	HK012	15.5	5.9	49.2	761	37.7	2.1	47.6	1872	14.8	16.0	0.070	65.69
FRESH WHOLE CHICKEN	FF011	16.6	5.5	62.2	49906	35.1	2.3	53.3	69368	15.4	15.7	0.510	66.20
CLUTCH REPAIR	TD031	16.8	5.4	73.1	6493	16.9	5.4	73.0	6498	16.5	18.9	1.353	67.55
CHEESE AND CHEESE PRODUCTS	FJ021	17.1	5.3	64.2	40825	31.9	2.6	55.1	55133	16.1	16.4	0.440	67.99
REFRIGERATOR	HK011	17.2	5.3	55.1	1023	36.4	2.2	46.6	1841	17.1	18.2	0.065	68.06
BACON AND RELATED PRODUCTS	FD011	18.4	4.9	64.1	37595	34.1	2.4	55.6	50288	17.1	17.4	0.267	68.33
HAM (EXCLUDING CANNED)	FD021	19.0	4.7	59.2	22409	35.7	2.3	51.8	31080	17.5	18.1	0.177	68.50
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	19.2	4.7	50.0	271	43.0	1.8	45.9	563	16.9	17.5	0.077	68.58
FRESH FISH	FG011	20.4	4.4	59.7	29038	36.3	2.2	52.9	41256	18.1	18.3	0.274	68.85
OTHER BEEF	FC041	21.0	4.3	61.0	22684	33.1	2.5	54.9	28919	19.2	19.4	0.070	68.92
TIRES	TC011	22.3	4.0	69.0	36158	29.7	2.8	61.2	44286	21.9	23.0	0.353	69.28
CIGARETTES	GA011	23.2	3.8	74.7	26864	33.6	2.4	61.9	47034	22.5	22.5	1.714	70.99
ALTERNATIVE AUTOMOTIVE FUELS	TB022	23.4	3.8	64.8	231	23.4	3.8	64.8	231	22.8	23.0	0.016	71.01
INTERCITY TRAIN FARE	TG022	24.1	3.6	66.7	5690	24.1	3.6	66.7	5690	23.9	24.9	0.096	71.10

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
BUTTER	FS011	24.3	3.6	62.0	22996	38.3	2.1	55.2	30958	22.1	22.3	0.126	71.23
UNCOOKED GROUND BEEF	FC011	25.0	3.5	65.4	36487	41.6	1.9	56.3	51433	22.8	23.0	0.394	71.62
APPLES	FK011	25.6	3.4	58.6	52991	38.6	2.0	54.0	69749	23.1	23.2	0.138	71.76
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	25.8	3.3	31.9	2964	34.7	2.3	29.2	4047	25.0	35.5	0.136	71.90
CHUCK ROAST	FC021	25.9	3.3	62.1	37553	48.3	1.5	53.9	60096	21.8	21.9	0.186	72.08
PORK ROASTS	FD041	27.3	3.1	57.6	23810	46.6	1.6	51.8	36661	23.0	23.3	0.162	72.25
INTERCITY BUS FARE	TG021	27.8	3.1	63.3	3880	27.9	3.1	63.2	3902	27.8	28.5	0.054	72.30
ROUND STEAK	FC031	28.0	3.0	62.1	64618	47.0	1.6	54.1	96095	24.2	24.4	0.389	72.69
MAIN STATION CHARGES	ED011	28.4	3.0	64.4	45245	28.4	3.0	64.4	45245	28.1	28.6	1.501	74.19
DELIVERY SERVICES	EC021	29.3	2.9	77.5	17568	29.4	2.9	77.5	17576	29.2	29.9	0.006	74.20
POTATOES	FL011	29.6	2.9	57.1	34762	40.7	1.9	53.4	45022	27.3	27.4	0.138	74.33
SHIP FARES	TG023	30.2	2.8	50.7	2681	29.8	2.8	49.6	3069	29.4	31.9	0.091	74.43
PORK CHOPS	FD031	30.4	2.8	58.0	24888	50.3	1.4	52.3	39053	25.5	25.6	0.172	74.60
SUBCOMPACT CARS	TA011	31.3	2.7	36.0	18587	31.3	2.7	36.0	18588	30.5	35.2	3.330	77.93
FRESH WHOLE MILK (UNFLAVORED)	FJ011	32.6	2.5	61.3	41928	37.3	2.1	58.5	47334	31.1	31.0	0.563	78.49
OTHER FRESH VEGETABLES	FL041	32.8	2.5	54.6	49876	43.5	1.8	51.9	65323	29.8	29.9	0.369	78.86
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	33.3	2.5	56.5	60378	39.9	2.0	54.0	78588	29.1	29.1	0.187	79.05
BOTTLED OR TANK GAS	HE021	37.9	2.1	63.1	27483	38.0	2.1	63.1	27704	37.0	37.3	0.121	79.17
ELECTRICITY	HF011	38.1	2.1	53.6	137450	38.1	2.1	53.6	137450	38.0	38.3	3.412	82.58
LETTUCE	FL021	40.8	1.9	53.1	44153	49.6	1.5	51.0	56227	36.5	36.6	0.084	82.66
RENTAL OF LODGING AWAY FROM HOME	HB021	41.7	1.9	53.1	126572	42.8	1.8	52.6	132172	40.5	41.2	3.377	86.04
INTERSTATE TELEPHONE SERVICES	ED021	41.9	1.8	38.2	42406	41.9	1.8	38.2	42406	40.5	40.9	1.504	87.55

Table 19: Frequency of Price Change by Category for 1998-2005 (cont.)

Category Name	ELI	Regular Price				Price				Carry Forward		weight	CDF
		Freq.	Dur.	Up	Obs.	Freq.	Dur.	Up	Obs.	no. Subs	w/ Subs		
VEHICLE LEASING	TA031	42.4	1.8	50.3	4301	42.4	1.8	50.3	4301	40.2	44.6	0.937	88.48
EGGS IN SHELL	FH011	47.6	1.5	54.8	39066	51.9	1.4	53.5	45251	43.9	43.9	0.144	88.63
OTHER FRESH FRUITS	FK041	49.9	1.4	56.4	67032	62.2	1.0	52.4	108262	38.1	38.2	0.305	88.93
TOMATOES	FL031	50.3	1.4	55.9	30218	59.8	1.1	52.4	42741	42.7	42.8	0.118	89.05
AUTOMOBILE RENTAL	TA041	56.1	1.2	51.5	8270	56.4	1.2	51.4	8389	54.8	55.8	0.195	89.24
AIRLINE FARE	TG011	59.8	1.1	58.7	23938	59.8	1.1	58.7	23938	59.5	59.7	1.325	90.57
AUTOMOTIVE DIESEL FUEL	TB021	67.1	0.9	59.1	18087	67.1	0.9	59.1	18105	66.1	66.1	0.016	90.59
FUEL OIL	HE011	68.0	0.9	59.4	18416	68.0	0.9	59.5	18474	66.9	66.7	0.339	90.92
UTILITY NATURAL GAS SERVICE	HF021	72.4	0.8	57.0	118620	72.4	0.8	57.0	118620	71.8	72.0	1.446	92.37
PREMIUM UNLEADED GASOLINE	TB013	86.9	0.5	53.5	58745	87.0	0.5	53.5	59197	85.4	85.4	1.689	94.06
MIDGRADE UNLEADED GASOLINE	TB012	87.6	0.5	53.5	57237	87.6	0.5	53.5	57466	86.3	86.3	1.689	95.75
REGULAR UNLEADED GASOLINE	TB011	88.6	0.5	53.0	59969	88.6	0.5	53.0	60119	87.2	87.2	1.689	97.44
USED CARS	TA021	100.0	0.0	66.3	106216	100.0	0.0	66.3	106216	100.0	99.9	2.562	100.00

"Regular prices" denote prices excluding sales. "Carry Forward" denotes our second procedure to account for regular price changes during sales and stockouts. "Freq." denotes the mean frequency of price change within the ELI. "Dur." denotes the median implied duration, which is defined as $-1/\ln(1-f)$ where f is the mean frequency of price change within the ELI. "Up" denotes the fraction of price changes that are price increases. "Obs." denotes the number of observations for the ELI. "Weight" denotes the expenditure weight of the ELI. "no. Subs" denotes price change excluding substitutions and "w/ Subs/" denotes price changes including substitutions. "CDF" denotes the cumulative distribution function of the frequency of regular price change.

Table 20: Frequency of Substitution and Price Change by ELI for 1998-2005

Category Name	ELI	Subs.			Price Change		weight	CDF
		Freq.	Pr.Ch. w/ Subs Freq. Reg.	Freq.	Freq. Reg.	Freq.		
FIRST CLASS MAIL	EC011	0.0	3.5	3.5	3.5	3.5	0.28	0.28
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	0.0	3.8	3.8	3.8	3.8	0.03	0.30
GARDENING OR LAWN CARE SERVICES	HP021	0.1	7.9	7.9	7.8	7.8	0.38	0.68
AUTOMOTIVE DIESEL FUEL	TB021	0.2	67.1	67.1	67.1	67.1	0.02	0.70
MIDGRADE UNLEADED GASOLINE	TB012	0.2	87.6	87.6	87.6	87.6	1.69	2.39
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	0.2	3.1	3.4	3.0	3.3	0.30	2.69
REGULAR UNLEADED GASOLINE	TB011	0.2	88.6	88.6	88.6	88.6	1.69	4.37
PREMIUM UNLEADED GASOLINE	TB013	0.2	86.9	87.0	86.9	87.0	1.69	6.06
AUTOMOBILE SERVICE CLUBS	TF032	0.2	4.5	7.7	4.3	7.6	0.05	6.11
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	0.2	4.0	4.2	3.8	4.0	0.04	6.15
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	0.3	5.5	5.5	5.4	5.4	0.02	6.17
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	0.4	3.6	3.6	3.5	3.5	0.20	6.37
BANANAS	FK021	0.4	13.7	29.0	13.5	29.0	0.15	6.51
POTATOES	FL011	0.4	29.7	40.8	29.6	40.7	0.14	6.65
RENTAL OF VIDEO TAPES AND DISCS	RA042	0.4	10.2	10.2	10.0	10.0	0.13	6.78
TAXI FARE	TG032	0.5	4.9	4.9	4.4	4.4	0.10	6.88
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	0.5	3.4	3.4	3.1	3.1	1.36	8.24
DOMESTIC SERVICES	HP011	0.5	4.7	4.7	4.3	4.3	0.45	8.69
CIGARETTES	GA011	0.5	23.3	33.6	23.2	33.6	1.71	10.41
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	0.5	9.4	11.8	9.2	11.5	0.07	10.47
LIMITED SERVICE MEALS AND SNACKS	FV021	0.5	6.5	7.4	6.1	7.0	2.30	12.78
INTRACITY MASS TRANSIT	TG031	0.5	2.8	2.8	2.3	2.3	0.33	13.11
AIRLINE FARE	TG011	0.5	60.0	60.0	59.8	59.8	1.33	14.44
PORK CHOPS	FD031	0.5	30.7	50.4	30.4	50.3	0.17	14.61
UTILITY NATURAL GAS SERVICE	HF021	0.5	72.6	72.6	72.4	72.4	1.45	16.05
PARKING FEES	TF031	0.6	3.4	3.4	2.9	2.9	0.23	16.28
ELECTRICITY	HF011	0.6	38.5	38.5	38.1	38.1	3.41	19.69
CLUB MEMBERSHIP DUES	RF011	0.6	9.1	13.0	8.6	12.6	0.92	20.61
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	0.6	4.9	6.3	4.4	5.8	0.40	21.01
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	0.6	3.1	3.1	2.8	2.8	0.15	21.16
EGGS IN SHELL	FH011	0.6	47.7	52.0	47.6	51.9	0.14	21.30
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	0.6	5.5	5.5	5.5	5.5	0.25	21.55
PEANUT BUTTER	FS031	0.7	10.3	26.1	10.1	26.0	0.05	21.61
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	0.7	10.9	22.7	10.6	22.6	0.47	22.07
WATER AND SEWERAGE SERVICE	HG011	0.7	11.3	11.3	10.7	10.7	0.94	23.01
OTHER FRESH VEGETABLES	FL041	0.7	33.0	43.5	32.8	43.5	0.37	23.38
WHISKEY AT HOME	FW021	0.7	10.9	19.4	10.8	19.3	0.15	23.54
LEGAL SERVICES	GD011	0.7	1.8	1.8	1.6	1.6	0.48	24.02
STATE VEHICLE REGISTRATION	TF011	0.7	3.3	3.3	2.6	2.6	0.29	24.31
INTERSTATE TELEPHONE SERVICES	ED021	0.7	42.3	42.3	41.9	41.9	1.50	25.81
SUGAR AND ARTIFICIAL SWEETENERS	FR011	0.8	10.2	22.7	9.9	22.5	0.10	25.91
BUTTER	FS011	0.8	24.7	38.5	24.3	38.3	0.13	26.04

Table 20: Frequency of Substitution and Price Change by ELI for 1998-2005

Category Name	ELI	Subs.			Price Change		weight	CDF
		Freq.	Pr.Ch. w/ Freq.	Subs Freq.	Freq.	Reg. Freq.		
APPLES	FK011	0.8	25.9	38.7	25.6	38.6	0.14	26.18
LOCAL AUTOMOBILE REGISTRATION	TF012	0.8	2.7	2.7	1.9	1.9	0.29	26.47
GARBAGE/TRASH COLLECTION	HG021	0.8	10.0	10.0	9.4	9.4	0.35	26.82
SALT AND OTHER SEASONINGS AND SPICES	FT041	0.8	7.8	16.4	7.4	16.1	0.09	26.91
APPLIANCE REPAIR	HP041	0.8	11.5	11.5	11.1	11.1	0.03	26.94
PROSTHODONTICS AND IMPLANTS	MC021	0.8	4.9	4.9	4.5	4.5	1.19	28.14
DAY CARE AND NURSERY SCHOOL	EB031	0.8	7.5	7.5	6.9	6.9	1.28	29.41
MAIN STATION CHARGES	ED011	0.9	28.9	28.9	28.4	28.4	1.50	30.92
FULL SERVICE MEALS AND SNACKS	FV011	0.9	5.6	5.7	5.0	5.1	4.15	35.06
LARD AND SHORTENING	FS032	0.9	12.2	24.3	11.9	24.1	0.11	35.17
FUNERAL EXPENSES	GD021	0.9	9.6	9.6	8.9	8.9	0.49	35.66
FUEL OIL	HE011	0.9	67.8	67.9	68.0	68.0	0.34	36.00
MOTOR OIL	TC022	0.9	12.1	15.7	11.7	15.4	0.20	36.20
OTHER INFORMATION SERVICES	EE031	0.9	2.4	2.6	2.1	2.2	0.03	36.22
CHUCK ROAST	FC021	0.9	26.4	48.4	25.9	48.3	0.19	36.41
LETTUCE	FL021	0.9	40.9	49.6	40.8	49.6	0.08	36.49
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	0.9	9.5	19.0	9.1	18.7	0.07	36.56
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	0.9	33.4	39.9	33.3	39.9	0.19	36.75
COLA DRINKS	FN011	1.0	13.6	38.9	13.1	38.7	0.58	37.33
TENANTS' INSURANCE	HD011	1.0	8.6	8.6	7.9	7.9	0.51	37.84
PRESCRIPTION DRUGS	MA011	1.0	15.4	15.5	15.0	15.1	1.20	39.04
ROUND STEAK	FC031	1.0	28.5	47.1	28.0	47.0	0.39	39.43
VETERINARIAN SERVICES	RB022	1.0	9.4	9.4	8.7	8.7	0.18	39.61
OLIVES, PICKLES, RELISHES	FT042	1.0	9.0	25.0	8.4	24.6	0.05	39.66
PHYSICAL MEDICINE	MC041	1.1	3.2	3.2	2.4	2.4	0.37	40.04
BOTTLED OR TANK GAS	HE021	1.1	38.1	38.2	37.9	38.0	0.12	40.16
CANNED FRUIT	FM011	1.1	10.9	26.4	10.5	26.2	0.24	40.40
BUTTER	FR031	1.1	9.8	23.3	9.3	23.1	0.11	40.51
INTERCITY BUS FARE	TG021	1.1	28.6	28.7	27.8	27.9	0.05	40.56
UNCOOKED GROUND BEEF	FC011	1.1	25.6	41.7	25.0	41.6	0.39	40.96
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	1.2	7.2	14.0	6.8	13.8	0.11	41.07
NURSING AND CONVALESCENT HOME CARE	MD021	1.2	6.5	6.5	5.7	5.7	0.07	41.14
SOUP	FT011	1.2	10.9	23.6	10.5	23.4	0.15	41.29
OTHER FRESH FRUITS	FK041	1.2	50.1	62.2	49.9	62.2	0.31	41.59
CHEESE AND CHEESE PRODUCTS	FJ021	1.2	17.7	32.2	17.1	31.9	0.44	42.03
FRESH WHOLE MILK (UNFLAVORED)	FJ011	1.2	32.6	37.2	32.6	37.3	0.56	42.60
TOMATOES	FL031	1.2	50.6	59.9	50.3	59.8	0.12	42.72
BEER, ALE, AND OTHER MALT BEVERAGES								
AWAY FROM HOME	FX011	1.2	5.8	6.0	5.0	5.2	0.50	43.21
WHITE BREAD	FB011	1.3	10.2	24.0	9.8	23.7	0.40	43.61
SPANISH/MEXICAN FOODS	FT062	1.3	9.5	25.3	8.9	25.0	0.38	43.99
SALAD DRESSING	FS021	1.3	10.6	28.1	10.1	27.9	0.11	44.11
GENERAL MEDICAL PRACTICE	MC011	1.3	4.0	4.0	3.4	3.4	2.06	46.17

Table 20: Frequency of Substitution and Price Change by ELI for 1998-2005

Category Name	ELI	Subs.			Pr.Ch. w/ Subs		Price Change		weight	CDF
		Freq.	Freq.	Reg. Freq.	Freq.	Freq.	Reg. Freq.	Freq.		
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	1.3	12.3	26.2	11.6	25.9	0.22	46.39		
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	1.3	5.8	6.0	5.4	5.6	0.15	46.54		
SAUCES AND GRAVIES	FT043	1.3	10.6	23.6	9.9	23.3	0.19	46.73		
CANDY AND CHEWING GUM	FR021	1.3	6.1	15.1	5.7	14.9	0.31	47.04		
FRESH WHOLE CHICKEN	FF011	1.3	17.2	35.4	16.6	35.1	0.51	47.55		
BACON AND RELATED PRODUCTS	FD011	1.3	18.9	34.4	18.4	34.1	0.27	47.82		
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	1.3	10.8	27.5	10.3	27.2	0.08	47.90		
FILM PROCESSING	RD022	1.4	10.6	11.6	9.7	10.7	0.12	48.02		
PAINT	HM011	1.4	7.4	16.7	6.5	16.1	0.06	48.08		
CIGARS	GA021	1.4	11.8	13.5	11.5	13.2	0.09	48.17		
DELIVERY SERVICES	EC021	1.4	30.0	30.1	29.3	29.4	0.01	48.18		
INTERCITY TRAIN FARE	TG022	1.4	25.1	25.1	24.1	24.1	0.10	48.28		
BOARD	FV051	1.4	6.3	6.4	5.4	5.5	0.24	48.52		
OTHER BEEF	FC041	1.4	21.4	33.3	21.0	33.1	0.07	48.59		
FRANKFURTERS	FE011	1.4	14.3	32.4	13.8	32.1	0.16	48.75		
PORK ROASTS	FD041	1.4	27.9	46.9	27.3	46.6	0.16	48.91		
DRIED AND PROCESSED FRUIT	FM031	1.4	10.0	18.9	9.6	18.6	0.06	48.98		
RICE	FA031	1.4	10.5	23.4	9.9	23.1	0.21	49.19		
ICE CREAM AND RELATED PRODUCTS	FJ031	1.4	13.4	33.2	12.7	32.9	0.25	49.44		
FLOUR	FA011	1.4	12.1	26.1	11.5	25.8	0.10	49.54		
FROZEN FRUITS	FM021	1.4	10.9	28.9	10.4	28.7	0.14	49.68		
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	1.5	3.5	3.6	2.9	2.9	0.91	50.59		
TEA	FP021	1.5	9.3	20.9	8.9	20.7	0.07	50.66		
ALTERNATIVE AUTOMOTIVE FUELS	TB022	1.5	23.6	23.6	23.4	23.4	0.02	50.68		
BABY FOOD	FT051	1.5	12.9	19.2	12.3	18.9	0.14	50.82		
FRESH FISH	FG011	1.5	20.9	36.5	20.4	36.3	0.27	51.10		
REUPHOLSTERY OF FURNITURE	HP042	1.5	9.6	9.6	8.4	8.4	0.05	51.14		
POTATO CHIPS AND OTHER SNACKS	FT031	1.6	8.3	26.3	7.6	26.0	0.38	51.52		
PET SERVICES	RB021	1.6	6.8	6.8	5.8	5.8	0.16	51.68		
CEREAL	FA021	1.6	12.4	26.3	11.8	26.1	0.43	52.12		
PREPARED SALADS	FT061	1.7	7.7	17.3	7.0	16.8	0.06	52.17		
ROASTED COFFEE	FP011	1.7	14.2	26.8	13.5	26.4	0.20	52.38		
CRACKERS	FB041	1.7	13.0	36.0	12.0	35.8	0.12	52.49		
MOVING, STORAGE, FREIGHT EXPRESS	HP031	1.7	11.4	11.6	10.5	10.7	0.15	52.64		
DEODORANT, ANTIPERSPIRANT	GB013	1.7	6.0	16.5	5.6	16.3	0.12	52.76		
HOSPITAL SERVICES	MD011	1.7	7.2	7.2	6.3	6.3	1.87	54.63		
FROZEN BAKERY PROD & FROZEN/REFRIG DOUGHS/BATTERS	FB043	1.8	13.0	28.5	12.3	28.2	0.11	54.73		
AR ITEMS	FV041	1.8	2.1	2.1	1.7	1.7	0.30	55.03		
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	1.9	8.0	16.0	7.2	15.6	0.20	55.23		
DOG FOOD	RB011	1.9	7.3	21.8	6.8	21.5	0.36	55.59		
COLORING	GB011	1.9	7.4	20.0	6.9	19.7	0.14	55.73		
RENTAL OF LODGING AWAY FROM HOME	HB021	1.9	42.5	43.5	41.7	42.8	3.38	59.10		
AND FIXED FEES	EB041	1.9	10.4	10.4	9.2	9.2	0.07	59.18		

Table 20: Frequency of Substitution and Price Change by ELI for 1998-2005

Category Name	ELI	Subs.			Price Change		weight	CDF
		Freq.	Pr.Ch. w/ Freq.	Subs Freq.	Freq.	Reg. Freq.		
MEN'S UNDERWEAR	AA021	2.0	5.7	26.0	5.1	25.8	0.13	59.31
COOKIES	FB032	2.0	10.6	32.5	9.6	32.1	0.21	59.52
TOPICALS AND DRESSINGS	MB021	2.0	7.4	12.4	6.7	11.9	0.07	59.58
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	2.0	10.9	25.5	10.1	25.0	0.17	59.75
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	2.0	12.7	32.0	11.8	31.6	0.30	60.05
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	2.1	12.5	29.7	11.7	29.4	0.44	60.48
LAMB AND MUTTON	FE013	2.1	13.7	21.9	13.0	21.4	0.13	60.61
ROPE	HM013	2.2	6.9	9.8	6.3	9.3	0.07	60.68
PHOTOGRAPHER'S FEES	RD021	2.2	9.6	10.8	8.2	9.5	0.09	60.77
CANNED FISH AND SEAFOOD	FG021	2.2	12.2	26.6	11.2	26.2	0.20	60.96
OPTOMETRISTS/OPTICIANS	MC031	2.2	7.4	12.7	5.5	11.2	0.39	61.35
INTERNAL AND RESPIRATORY OVER-THE-COUNTER DRUGS	MB011	2.2	8.7	16.2	7.9	15.5	0.36	61.71
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	2.2	7.0	13.6	6.3	13.1	0.16	61.87
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	2.3	7.1	15.1	6.1	14.4	0.11	61.98
LIPSTICK, GLOSS, ROUGE	GB021	2.4	4.8	10.6	3.9	9.9	0.51	62.49
FEES FOR LESSONS OR INSTRUCTIONS	RF031	2.4	4.9	5.2	3.3	3.6	0.31	62.81
CURTAINS AND DRAPES	HH021	2.4	4.3	22.5	2.7	21.8	0.08	62.88
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS	RF021	2.4	10.0	10.1	9.0	9.1	0.78	63.67
SOAPS AND DETERGENTS	HN011	2.4	10.4	22.2	9.4	21.7	0.32	63.98
DENTAL PREPARATIONS	GB012	2.5	7.1	16.2	6.1	15.5	0.12	64.10
AUTOMOBILE BATTERIES	TC021	2.5	10.4	12.5	8.7	11.0	0.19	64.29
COMMUNITY ANTENNA OR CABLE TV	RA021	2.6	14.4	14.8	12.4	12.8	1.26	65.55
SUPPORTIVE MEDICAL EQUIPMENT	MB023	2.6	7.1	9.6	6.1	8.7	0.06	65.61
TIRES	TC011	2.7	24.2	30.9	22.3	29.7	0.35	65.96
PRODUCTS	HN031	2.8	8.4	19.9	7.4	19.4	0.36	66.32
FILM	RD011	2.8	9.2	18.2	7.9	17.4	0.08	66.40
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	2.8	12.1	12.6	10.7	11.3	0.71	67.10
TOWELS, WASH CLOTHS, BATH MATS	HH031	2.8	5.5	37.3	3.6	36.9	0.06	67.17
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	2.9	7.5	16.0	6.3	15.3	0.05	67.22
MATERIALS FOR MAKING SLIPCOVERS, UPHOLSTERY, CURTAINS & DRAPERIES	RE021	2.9	3.8	13.8	2.4	12.8	0.09	67.31
REFERENCE BOOKS	EA013	2.9	5.3	9.9	2.4	7.4	0.06	67.37
WINE AT HOME	FW031	2.9	7.9	20.5	5.8	19.3	0.25	67.62
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021	3.0	7.6	7.6	6.2	6.2	0.48	68.11
DOGS	RB012	3.1	5.2	8.0	4.1	7.1	0.22	68.33
FULL COLLEGE TUITION AND FIXED FEES	EB011	3.1	7.5	7.5	5.8	5.8	1.58	69.91
GENERAL PURPOSE AND AUTO	HM014	3.2	3.3	5.6	2.1	4.6	0.04	69.96
INDOOR PLANTS	HL021	3.2	9.2	13.5	8.5	12.9	0.21	70.17

Table 20: Frequency of Substitution and Price Change by ELI for 1998-2005

Category Name	ELI	Subs.			Pr.Ch. w/ Subs		Price Change		weight	CDF
		Freq.	Freq.	Reg. Freq.	Freq.	Freq.	Reg. Freq.	Freq.		
HOUSEHOLD PAPER PRODUCTS	HN021	3.3	11.9	25.9	10.1	24.9	0.30	70.47		
CELLULAR TELEPHONES	ED031	3.4	15.4	15.4	13.0	13.0	0.07	70.54		
HAM (EXCLUDING CANNED)	FD021	3.4	20.3	36.3	19.0	35.7	0.18	70.71		
PORTABLE SANDING/POLISHING TOOLS	HM012	3.4	5.5	16.8	4.3	16.1	0.04	70.76		
ADMISSION TO SPORTING EVENTS	RF022	3.4	6.4	7.2	5.8	6.6	0.31	71.07		
STRING INSTRUMENTS	RE031	3.5	7.4	10.5	5.8	9.2	0.08	71.14		
VENETIAN BLINDS	HH022	3.7	8.4	23.3	6.0	21.9	0.07	71.22		
TURKEY (EXCLUDING CANNED)	FF021	3.8	15.2	26.6	14.1	25.9	0.16	71.37		
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	3.8	10.2	21.6	8.2	20.5	0.06	71.43		
AUTOMOBILE RENTAL	TA041	3.8	57.0	57.3	56.1	56.4	0.19	71.63		
BEDSPREADS	HH032	4.1	8.5	35.7	5.0	34.7	0.08	71.70		
CRIB AND MATTRESS	HJ031	4.1	5.4	11.6	3.2	9.8	0.06	71.77		
BOYS' UNDERWEAR	AB013	4.2	6.7	20.5	5.0	19.6	0.04	71.81		
HOUSING AT SCHOOL, EXCLUDING BOARD	HB011	4.2	6.2	6.2	4.7	4.7	0.33	72.14		
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN INSECTICIDES	HM022	4.3	5.9	9.8	5.0	9.0	0.22	72.36		
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	4.4	4.3	20.8	1.7	19.4	0.13	72.49		
BLENDERS	HK022	4.5	5.8	22.1	3.6	21.0	0.06	72.55		
BEDROOM CASE GOODS	HJ012	4.5	9.3	20.5	6.8	18.9	0.24	72.79		
BOYS' SUITS AND VESTS	AB014	4.6	6.1	27.8	3.8	26.9	0.15	72.95		
WATCHES	AG011	4.7	5.0	20.8	3.1	19.8	0.09	73.04		
LIVING ROOM TABLES	HJ023	4.7	8.6	24.6	3.9	22.6	0.20	73.24		
DIAPERS AND DIAPER LINERS	AF012	4.7	10.2	21.9	7.6	20.4	0.22	73.46		
WASHERS	HK012	5.0	21.7	39.5	15.5	37.7	0.07	73.53		
ROOM SIZE RUGS	HH011	5.0	13.9	19.6	11.1	17.5	0.12	73.64		
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	5.1	23.2	44.2	19.2	43.0	0.08	73.72		
STATIONERY	GE011	5.1	5.5	8.5	4.0	7.2	0.17	73.89		
COMPUTER SOFTWARE	EE021	5.1	10.2	12.8	7.9	10.8	0.04	73.93		
MEN'S PANTS AND SHORTS	AA041	5.2	7.7	35.3	3.3	34.4	0.31	74.24		
CLUTCH REPAIR	TD031	5.3	19.4	19.5	16.8	16.9	1.35	75.59		
MEN'S SUITS AND FORMAL WEAR	AA011	5.4	8.1	33.9	4.5	33.1	0.16	75.76		
RECLINERS	HJ022	5.4	9.3	28.3	4.6	26.3	0.21	75.97		
HAIR DRYER	GB014	5.4	5.2	16.8	4.0	16.1	0.13	76.10		
PAINTING ENTIRE MOTOR VEHICLE	TD011	5.5	17.4	17.4	14.4	14.4	0.16	76.26		
CALCULATORS AND ADDING MACHINES	EE042	5.5	7.7	9.7	5.9	8.0	0.01	76.28		
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	5.5	7.2	28.0	3.2	26.4	0.36	76.64		
KITCHENWARE	HL042	5.5	4.9	13.9	3.0	12.6	0.07	76.70		
SLEEPING BAGS, COTS, AND OTHER SLEEPING EQUIPMENT	RC023	5.5	5.9	14.2	4.1	12.9	0.12	76.83		
STROLLER	GE013	5.6	8.5	18.3	7.0	17.5	0.05	76.88		
MATTRESSES AND SPRINGS	HJ011	5.6	9.2	25.0	5.2	23.0	0.18	77.06		
RECORD CABINET, CURIO CABINET, BOOKCASE AND TAPES	HJ033	5.6	8.1	19.7	5.4	18.1	0.11	77.17		
FLATWARE	RA061	5.6	8.0	13.5	6.0	11.9	0.20	77.37		
	HL032	5.7	6.8	24.7	3.0	23.3	0.03	77.40		

Table 20: Frequency of Substitution and Price Change by ELI for 1998-2005

Category Name	ELI	Subs.			Pr.Ch. w/ Subs			Price Change		weight	CDF
		Freq.	Freq.	Reg. Freq.	Freq.	Freq.	Reg. Freq.	Freq.			
GIRLS' UNDERWEAR	AD016	5.9	3.0	19.0	1.8	18.4	0.05	77.45			
JEWELRY	AG021	6.0	7.8	22.9	4.1	21.0	0.44	77.89			
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	6.0	7.0	36.1	3.7	35.4	0.05	77.94			
REFRIGERATOR	HK011	6.1	21.7	38.2	17.2	36.4	0.07	78.01			
SCUBA GEAR AND EQUIPMENT	RC022	6.2	3.7	18.2	1.9	16.9	0.01	78.02			
SOFAS OTHER THAN SOFA BEDS	HJ021	6.2	11.9	32.4	6.5	30.3	0.22	78.25			
CEILING AND WALL LIGHTS	HL011	6.2	7.3	18.6	5.1	17.2	0.04	78.29			
PLASTIC DINNERWARE	HL031	6.3	5.8	25.1	3.0	23.9	0.07	78.36			
EXERCISE EQUIPMENT	RC021	6.3	6.0	16.3	3.4	14.5	0.19	78.55			
MEN'S SHIRTS	AA031	6.4	7.2	35.4	4.0	34.5	0.29	78.84			
SHIP FARES	TG023	6.4	33.5	32.7	30.2	29.8	0.09	78.93			
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	6.5	6.3	17.4	2.5	14.8	0.20	79.13			
KITCHEN TABLE, CHAIR AND SETS	HJ024	6.6	13.3	29.1	7.5	26.4	0.22	79.35			
STILL CAMERA	RD012	6.6	13.9	21.4	10.5	19.1	0.06	79.41			
UTILITY PAIL	HN012	6.6	5.2	10.4	3.7	9.1	0.24	79.65			
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	6.8	6.8	8.1	3.9	5.4	0.15	79.80			
NONELECTRIC COOKINGWARE	HL041	6.9	5.5	19.5	2.8	18.0	0.04	79.84			
DISHCLOTHS AND DISHTOWELS	HH033	7.3	7.3	19.0	2.1	15.9	0.06	79.90			
PRERECORDED - VIDEO TAPES AND DISCS	RA041	7.4	11.0	14.5	7.8	11.8	0.10	80.00			
NEW MOTORCYCLES	TA012	7.6	10.9	11.7	6.4	7.5	3.30	83.30			
MICROWAVE OVENS	HK014	7.7	14.6	31.2	10.5	29.4	0.07	83.37			
LARGE EQUIPMENT, POWERED	HM021	7.7	9.4	20.6	5.6	18.4	0.21	83.58			
FLOOR CLEANING EQUIPMENT	HK021	7.9	14.5	29.0	7.6	25.6	0.05	83.63			
PAINTINGS AND PICTURES	HL012	8.0	5.2	17.3	1.9	15.4	0.24	83.87			
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	8.2	7.3	27.9	2.7	26.0	0.21	84.08			
MOTOR VEHICLE INSURANCE	TE011	8.4	15.6	15.6	8.2	8.2	3.37	87.45			
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	8.4	6.8	6.8	5.5	5.5	0.08	87.53			
BICYCLES AND ACCESSORIES	RC013	8.5	10.0	16.3	6.5	13.8	0.08	87.61			
UNPOWERED BOATS	RC012	8.8	15.1	19.8	11.1	16.6	0.09	87.69			
FAN	HK023	8.9	4.9	15.2	3.1	13.9	0.07	87.77			
DOLLS AND DOLL CLOTHING	RE011	9.0	5.3	10.6	2.9	8.7	0.36	88.13			
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	9.2	11.8	25.4	6.9	22.6	0.19	88.32			
OUTBOARD MOTORS GASOLINE POWERED	RC011	9.2	12.2	14.3	8.2	10.8	0.13	88.45			
LUGGAGE	GE012	9.4	11.6	28.7	3.1	25.7	0.12	88.57			
TELEPHONES	EE041	9.5	14.6	20.7	10.3	17.5	0.05	88.61			
TELEVISIONS	RA011	9.6	19.7	34.6	12.8	31.2	0.24	88.86			
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	9.9	8.7	27.0	3.1	24.4	0.14	88.99			
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	9.9	7.9	27.7	3.5	25.9	0.51	89.50			
SUBCOMPACT CARS	TA011	10.2	36.6	36.6	31.3	31.3	3.33	92.83			
OTHER VIDEO EQUIPMENT	RA031	10.3	17.0	30.7	9.9	27.0	0.08	92.91			
VIDEO GAME HARDWARE	RE012	10.5	8.5	14.5	6.8	13.2	0.15	93.06			
CHAISE LOUNGE	HJ032	11.0	4.6	20.4	2.7	19.2	0.07	93.13			

Table 20: Frequency of Substitution and Price Change by ELI for 1998-2005

Category Name	ELI	Subs.	Pr.Ch. w/ Subs		Price Change		weight	CDF
		Freq.	Freq.	Reg.	Freq.	Freq.		
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	11.1	12.5	28.9	4.6	24.8	0.14	93.27
MEN'S SWIMSUITS	AA023	11.7	9.2	32.9	2.5	30.5	0.12	93.38
MEN'S OUTERWEAR	AA013	11.7	7.1	29.0	4.0	28.1	0.11	93.50
GIRLS' PANTS AND SHORTS	AD014	12.0	8.8	37.0	4.4	35.5	0.10	93.60
BOYS' SHIRTS	AB012	12.1	9.3	33.4	3.9	31.3	0.09	93.69
WOMEN'S SKIRTS	AC032	12.4	7.9	32.2	3.8	31.0	0.53	94.22
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	13.0	18.1	19.4	8.3	10.3	0.12	94.34
VEHICLE LEASING	TA031	13.3	47.5	47.5	42.4	42.4	0.94	95.27
COLLEGE TEXTBOOKS	EA011	14.7	14.6	14.7	12.6	12.8	0.14	95.41
MEN'S SWEATERS AND VESTS	AA032	14.8	8.0	42.0	1.8	40.4	0.13	95.54
INFANTS' AND TODDLERS' OUTERWEAR	AF011	15.1	8.8	39.6	3.5	38.0	0.16	95.70
BOYS' OUTERWEAR	AB011	16.5	8.3	35.4	4.3	34.0	0.04	95.74
WOMEN'S SWIMSUITS	AC043	16.7	8.2	38.4	2.4	36.8	0.19	95.93
BOYS' SWIMSUITS	AB015	18.1	11.1	57.3	6.0	56.8	0.03	95.96
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	19.0	9.8	37.8	3.6	36.0	0.57	96.54
WOMEN'S OUTERWEAR	AC011	19.2	10.8	32.7	2.8	30.6	0.15	96.69
GIRLS' SWIMSUITS	AD015	21.8	12.8	58.9	2.9	58.2	0.03	96.72
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	22.3	18.7	45.6	5.4	42.7	0.11	96.83
GIRLS' SWEATERS	AD013	22.9	11.8	39.0	5.0	36.9	0.09	96.92
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	24.0	43.6	46.8	25.8	34.7	0.14	97.06
GIRLS' OUTERWEAR	AD011	24.8	11.7	56.2	0.0	55.0	0.03	97.09
WOMEN'S DRESSES	AC021	25.8	11.5	40.0	2.4	37.4	0.28	97.37
USED CARS	TA021	26.4	100.0	100.0	100.0	100.0	2.56	99.93
GIRLS' DRESSES	AD012	29.0	16.5	47.2	3.0	44.2	0.07	100.00

This table presents statistics for the monthly frequency of substitutions, as well as the monthly frequency of price change (including and excluding substitutions) at the ELI level. The frequency of substitutions is calculated by dividing the number of forced product substitutions by the product's lifetime. The product's lifetime does not include periods when the product is unavailable for long periods of time, such as periods when a product is seasonally unavailable. This measure is described in greater detail in the text. The frequency of price change including substitutions is calculated as the frequency of both price changes and forced item substitutions within an ELI for all periods when two consecutive prices are observed. The frequency of price change (not including substitutions) is the frequency of price changes for identical items only within an ELI for all periods when two consecutive prices are observed. Column 7 gives the expenditure weight of the ELI. Column 8 gives the CDF when the ELI's are sorted by frequency of substitutions.

Table 21: Sales Filters and Clearance Sales by ELI for 1998-2005

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear Sales filter		weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS	EA013	42.0	4.9	7.1	67.5	7.0	7.4	2.4	30.0	5.7	6.6	0.06	0.06
WOMEN'S DRESSES	AC021	35.4	24.0	6.1	93.6	41.5	37.4	2.4	16.8	27.6	33.9	0.28	0.34
GIRLS' DRESSES	AD012	31.6	29.9	6.5	93.2	49.9	44.2	3.0	17.5	34.4	40.1	0.07	0.41
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	29.6	32.5	10.3	87.3	54.6	42.7	5.4	20.4	34.2	38.4	0.11	0.51
WOMEN'S SWIMSUITS	AC043	29.5	19.1	2.7	93.6	40.1	36.8	2.4	15.5	24.3	32.3	0.19	0.70
WOMEN'S OUTERWEAR	AC011	28.2	24.0	9.0	90.8	49.0	30.6	2.8	22.8	21.6	27.1	0.15	0.86
GIRLS' SWEATERS	AD013	24.0	16.0	7.7	86.5	35.1	36.9	5.0	28.6	22.7	29.0	0.09	0.95
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	23.3	18.2	5.4	90.0	40.7	36.0	3.6	20.4	22.6	30.7	0.57	1.52
BOYS' OUTERWEAR	AB011	23.1	14.0	11.1	87.3	42.4	34.0	4.3	21.6	21.8	27.7	0.04	1.56
GIRLS' OUTERWEAR	AD011	22.8	28.6	5.7	100.0	59.9	55.0	0.0	18.0	45.1	50.5	0.03	1.59
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	20.2	6.1	11.1	83.1	14.2	14.8	2.5	43.6	6.4	7.3	0.20	1.79
MEN'S SWEATERS AND VESTS	AA032	18.7	16.6	4.1	95.5	43.5	40.4	1.8	16.2	22.1	35.1	0.13	1.92
GIRLS' SWIMSUITS	AD015	16.8	26.9	6.3	94.9	60.1	58.2	2.9	17.1	46.3	51.8	0.03	1.95
CHAISE LOUNGE	HJ032	16.5	5.8	6.7	86.2	24.1	19.2	2.7	31.7	7.9	16.1	0.07	2.02
LARGE EQUIPMENT, POWERED	HM021	16.2	13.2	11.8	69.6	25.8	18.4	5.6	43.9	10.8	13.6	0.21	2.23
WOMEN'S SKIRTS	AC032	16.2	11.7	5.7	87.9	35.4	31.0	3.8	29.3	15.0	21.0	0.53	2.76
MEN'S OUTERWEAR	AA013	16.0	13.4	9.6	85.7	40.9	28.1	4.0	32.5	15.1	19.1	0.11	2.88
OTHER VIDEO EQUIPMENT	RA031	15.6	9.6	6.8	63.1	20.9	27.0	9.9	33.0	16.7	18.3	0.08	2.95
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	15.5	10.0	12.0	81.3	26.6	24.8	4.6	38.1	11.7	15.4	0.14	3.09
INFANTS' AND TODDLERS' OUTERWEAR	AF011	15.2	12.8	9.6	90.7	37.1	38.0	3.5	31.5	18.2	25.5	0.16	3.25
BOYS' SHIRTS	AB012	15.1	10.7	7.8	87.6	29.8	31.3	3.9	30.8	13.7	22.1	0.09	3.34
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	14.7	11.8	6.9	86.3	30.2	25.9	3.5	36.1	11.7	14.9	0.51	3.86
BOYS' SWIMSUITS	AB015	14.5	22.8	7.3	89.5	57.8	56.8	6.0	19.1	40.2	49.1	0.03	3.89
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	14.5	10.5	9.5	87.4	28.3	24.4	3.1	40.7	10.3	14.3	0.14	4.02
GIRLS' PANTS AND SHORTS	AD014	13.2	12.7	9.5	87.6	38.1	35.5	4.4	34.3	16.8	22.8	0.10	4.12
DISHCLOTHS AND DISHTOWELS	HH033	13.0	8.3	6.8	86.8	21.6	15.9	2.1	43.1	6.1	8.7	0.06	4.18
PAINTINGS AND PICTURES	HL012	12.8	7.9	6.3	87.6	20.4	15.4	1.9	42.4	5.4	8.0	0.24	4.42
LIVING ROOM TABLES	HJ023	12.4	13.6	14.8	82.6	40.6	22.6	3.9	48.8	11.4	12.4	0.20	4.62
LUGGAGE	GE012	12.3	14.6	7.6	88.1	44.4	25.7	3.1	41.3	12.5	16.3	0.12	4.73
EXERCISE EQUIPMENT	RC021	12.2	6.0	5.5	76.8	18.5	14.5	3.4	42.0	6.2	8.1	0.19	4.92
MEN'S SWIMSUITS	AA023	12.1	13.6	5.2	91.7	39.8	30.5	2.5	25.9	13.6	20.4	0.12	5.04
TELEVISIONS	RA011	11.7	12.2	8.3	59.1	27.3	31.2	12.8	34.9	19.9	21.3	0.24	5.28

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
GIRLS' UNDERWEAR	AD016	11.5	3.5	9.6	90.0	16.5	18.4	1.8	38.6	5.1	7.0	0.05	5.33
DOLLS AND DOLL CLOTHING	RE011	11.2	2.5	2.2	66.2	8.6	8.7	2.9	38.5	4.1	6.0	0.36	5.69
FAN	HK023	11.0	3.6	3.6	77.7	13.6	13.9	3.1	36.7	5.3	9.6	0.07	5.77
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	10.9	8.9	9.2	89.6	27.3	26.0	2.7	43.4	8.9	13.5	0.21	5.98
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	10.8	10.6	8.5	25.6	20.1	34.7	25.8	28.3	31.0	31.6	0.14	6.12
BICYCLES AND ACCESSORIES	RC013	10.4	4.8	3.7	52.5	14.6	13.8	6.5	43.3	8.5	10.0	0.08	6.19
MEN'S SUITS AND FORMAL WEAR	AA011	10.1	10.9	20.7	86.5	40.5	33.1	4.5	46.7	14.1	18.3	0.16	6.36
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	10.0	6.5	5.8	69.6	17.8	22.6	6.9	39.8	10.7	12.8	0.19	6.55
CALCULATORS AND ADDING MACHINES	EE042	9.4	1.9	0.0	26.3	3.5	8.0	5.9	35.3	6.7	6.7	0.01	6.56
OUTBOARD MOTORS GASOLINE POWERED	RC011	9.4	4.4	13.1	24.5	11.0	10.8	8.2	57.2	9.4	10.0	0.13	6.69
VENETIAN BLINDS	HH022	9.2	4.5	24.7	72.6	23.0	21.9	6.0	51.2	9.4	12.9	0.07	6.76
STILL CAMERA	RD012	9.1	8.6	4.5	45.0	18.1	19.1	10.5	30.8	13.3	15.1	0.06	6.83
CEILING AND WALL LIGHTS	HL011	8.7	6.4	5.7	70.6	23.1	17.2	5.1	40.8	7.9	10.4	0.04	6.87
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	8.6	11.0	16.1	89.5	47.5	35.4	3.7	40.0	14.4	18.8	0.05	6.92
MATTRESSES AND SPRINGS	HJ011	8.6	11.9	14.5	77.4	33.7	23.0	5.2	52.0	10.3	14.9	0.18	7.11
SLEEPING BAGS, COTS, AND OTHER SLEEPING EQUIPMENT	RC023	8.4	2.4	10.0	67.9	9.4	12.9	4.1	45.4	5.6	7.0	0.12	7.23
FLOOR CLEANING EQUIPMENT	HK021	8.3	11.1	6.8	70.2	28.8	25.6	7.6	39.6	12.9	14.9	0.05	7.28
NONELECTRIC COOKINGWARE	HL041	8.1	5.9	8.4	84.4	21.9	18.0	2.8	47.1	5.8	8.8	0.04	7.32
MEN'S PANTS AND SHORTS	AA041	7.9	11.0	15.0	90.3	42.9	34.4	3.3	42.5	13.3	15.8	0.31	7.63
MICROWAVE OVENS	HK014	7.6	10.8	6.0	64.3	28.5	29.4	10.5	42.4	15.8	17.3	0.07	7.70
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	7.5	8.8	6.2	88.1	31.3	26.4	3.2	43.5	8.8	11.7	0.36	8.06
GENERAL PURPOSE AND AUTO	HM014	7.2	0.3	0.0	53.6	1.9	4.6	2.1	55.0	2.5	3.1	0.04	8.10
BOYS' SUITS AND VESTS	AB014	6.9	4.8	10.4	86.0	26.5	26.9	3.8	44.1	8.0	11.5	0.15	8.26
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	6.9	2.8	8.5	91.0	20.2	19.4	1.7	44.1	4.1	7.8	0.13	8.39
BOYS' UNDERWEAR	AB013	6.7	2.6	16.0	74.6	15.6	19.6	5.0	49.8	7.0	7.5	0.04	8.43
MEN'S SHIRTS	AA031	6.7	7.7	12.6	88.4	36.9	34.5	4.0	40.3	11.0	18.1	0.29	8.72
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	6.4	2.3	5.0	76.4	15.8	12.6	3.0	48.3	4.2	6.0	0.07	8.79
KITCHEN TABLE, CHAIR AND SETS	HJ024	6.3	12.1	10.6	71.5	34.8	26.4	7.5	49.7	12.9	15.9	0.22	9.01
PLASTIC DINNERWARE	HL031	6.3	5.9	5.4	87.3	31.1	23.9	3.0	45.6	7.1	10.9	0.07	9.08

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear Sales filter		weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
HAIR DRYER	GB014	5.8	1.0	0.0	75.1	10.6	16.1	4.0	45.8	5.3	5.1	0.13	9.22
TELEPHONES	EE041	5.5	3.2	1.1	40.9	10.7	17.5	10.3	33.3	11.6	12.9	0.05	9.26
STRING INSTRUMENTS	RE031	5.3	2.9	2.2	36.8	10.5	9.2	5.8	51.3	6.5	7.0	0.08	9.34
SOFAS OTHER THAN SOFA BEDS	HJ021	4.8	12.9	11.3	78.6	39.2	30.3	6.5	48.8	13.3	20.3	0.22	9.56
SCUBA GEAR AND EQUIPMENT	RC022	4.7	4.8	0.0	88.7	11.6	16.9	1.9	45.5	3.6	3.1	0.01	9.57
BEDROOM CASE GOODS	HJ012	4.6	5.4	10.2	64.0	22.5	18.9	6.8	55.5	8.7	12.7	0.24	9.82
VIDEO GAME HARDWARE	RE012	4.6	1.9	0.0	48.6	7.8	13.2	6.8	21.8	7.6	10.5	0.15	9.96
WATCHES	AG011	4.5	4.4	8.7	84.6	22.9	19.8	3.1	48.4	5.2	8.3	0.09	10.06
PORTABLE SANDING/POLISHING TOOLS	HM012	4.5	3.2	3.6	73.5	13.6	16.1	4.3	45.7	5.5	6.1	0.04	10.10
WINE AT HOME	FW031	4.4	2.9	17.1	70.2	20.8	19.3	5.8	51.6	7.4	9.6	0.25	10.36
JEWELRY	AG021	4.4	4.6	8.6	80.4	28.5	21.0	4.1	46.1	6.4	10.5	0.44	10.79
BEDSPREADS	HH032	4.2	6.9	15.4	85.6	42.3	34.7	5.0	47.8	11.5	15.3	0.08	10.87
REFRIGERATOR	HK011	4.0	11.6	8.9	52.7	35.5	36.4	17.2	46.4	22.5	26.1	0.07	10.94
STROLLER	GE013	4.0	11.6	5.9	59.8	28.8	17.5	7.0	52.0	9.2	10.8	0.05	10.99
WASHERS	HK012	3.9	15.2	11.7	58.9	51.1	37.7	15.5	46.9	24.0	26.1	0.07	11.06
OPTOMETRISTS/OPTICIANS	MC031	3.9	1.3	10.7	50.9	7.8	11.2	5.5	60.0	6.0	8.5	0.39	11.44
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	3.7	12.0	14.3	55.4	41.6	43.0	19.2	45.9	26.4	25.0	0.08	11.52
CRIB AND MATTRESS	HJ031	3.5	3.1	8.7	67.3	10.7	9.8	3.2	48.4	3.8	4.7	0.06	11.58
STATIONERY	GE011	3.4	0.7	0.0	44.4	3.5	7.2	4.0	54.3	4.3	5.1	0.17	11.75
MATERIALS FOR MAKING SLIPCOVERS,UPHOLSTERY,CURTAINS & DRAPERIES	RE021	3.4	4.1	0.9	81.5	16.6	12.8	2.4	47.9	3.4	5.4	0.09	11.84
COMPUTER SOFTWARE	EE021	3.3	1.1	3.6	26.8	4.6	10.8	7.9	43.6	8.3	8.2	0.04	11.88
BLENDERS	HK022	3.2	4.1	5.7	82.7	25.5	21.0	3.6	47.2	5.6	8.9	0.06	11.94
ROOM SIZE RUGS	HH011	3.2	2.5	6.6	36.3	10.4	17.5	11.1	60.2	11.9	13.5	0.12	12.06
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	3.1	5.0	4.7	70.4	19.0	18.1	5.4	47.9	6.8	11.1	0.11	12.17
DIAPERS AND DIAPER LINERS	AF012	3.0	1.6	3.0	62.7	12.5	20.4	7.6	47.6	8.6	10.4	0.22	12.39
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	2.7	0.9	0.0	58.6	6.2	15.3	6.3	53.1	6.9	7.3	0.05	12.45
TOWELS, WASH CLOTHS, BATH MATS	HH031	2.6	3.9	17.6	90.2	38.0	36.9	3.6	48.6	7.7	11.6	0.06	12.51
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	2.6	1.5	18.7	60.2	12.1	20.5	8.2	55.5	9.0	11.2	0.06	12.57
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	2.6	2.6	0.0	19.4	6.4	10.3	8.3	67.9	8.6	9.3	0.12	12.68
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	2.6	1.0	1.4	27.5	3.2	5.4	3.9	53.7	4.1	3.9	0.15	12.83

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
NEW MOTORCYCLES	TA012	2.5	1.5	0.0	14.9	4.4	7.5	6.4	44.0	6.6	6.9	3.30	16.14
PRERECORDED - VIDEO TAPES AND DISCS	RA041	2.5	0.8	0.0	33.6	7.0	11.8	7.8	44.3	8.2	8.3	0.10	16.24
FLATWARE	HL032	2.5	8.6	8.0	87.1	39.0	23.3	3.0	49.2	6.8	11.7	0.03	16.27
LIPSTICK, GLOSS, ROUGE	GB021	2.4	0.4	11.1	60.5	4.5	9.9	3.9	58.2	4.2	5.1	0.51	16.78
FILM	RD011	2.2	1.5	2.1	54.5	12.2	17.4	7.9	49.6	8.6	9.7	0.08	16.86
PAINT	HM011	2.1	0.8	0.0	59.6	12.1	16.1	6.5	60.8	7.0	9.3	0.06	16.92
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN INSECTICIDES	HM022	2.1	0.5	0.0	44.3	5.5	9.0	5.0	48.5	5.2	5.7	0.22	17.14
HOUSEHOLD PAPER PRODUCTS	HN021	2.0	1.1	30.6	59.3	13.3	24.9	10.1	53.8	11.0	14.3	0.30	17.44
MEN'S UNDERWEAR	AA021	2.0	1.0	5.0	80.1	16.8	25.8	5.1	49.7	6.1	6.7	0.13	17.56
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	1.9	1.1	10.3	5.0	2.1	11.3	10.7	66.3	10.9	10.7	0.71	18.27
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	1.8	0.9	13.6	54.0	8.3	15.6	7.2	59.7	7.6	8.6	0.20	18.48
COLORING	GB011	1.8	0.5	30.8	65.1	10.1	19.7	6.9	53.2	7.4	10.2	0.14	18.61
UNPOWERED BOATS	RC012	1.7	6.4	4.2	33.4	14.8	16.6	11.1	54.7	11.8	9.4	0.09	18.70
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	1.6	0.9	3.4	50.0	7.3	11.9	6.0	56.0	6.2	6.1	0.20	18.90
AUTOMOBILE BATTERIES	TC021	1.3	0.4	8.7	20.7	3.1	11.0	8.7	60.4	8.9	8.5	0.19	19.09
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	1.3	0.3	24.1	52.0	6.3	13.1	6.3	59.7	6.5	7.4	0.16	19.24
INTERNAL AND RESPIRATORY OVER-THE- COUNTER DRUGS	MB011	1.2	0.4	12.1	49.4	6.7	15.5	7.9	56.5	8.1	9.0	0.36	19.60
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	1.2	0.9	10.5	61.8	11.5	19.4	7.4	55.5	7.8	10.2	0.36	19.96
TURKEY (EXCLUDING CANNED)	FF021	1.2	1.1	7.9	45.6	13.1	25.9	14.1	53.0	14.6	12.2	0.16	20.12
TOPICALS AND DRESSINGS	MB021	1.2	0.3	14.3	43.3	3.8	11.9	6.7	57.7	6.9	7.3	0.07	20.18
DENTAL PREPARATIONS	GB012	1.1	1.0	8.3	60.7	9.4	15.5	6.1	55.8	6.4	9.2	0.12	20.30
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	1.1	1.1	24.1	60.4	19.8	29.4	11.7	53.3	12.4	15.5	0.44	20.74
TIRES	TC011	1.0	2.3	11.9	24.8	14.0	29.7	22.3	60.3	22.9	24.1	0.35	21.09
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	1.0	0.4	14.1	50.6	10.3	13.8	6.8	57.1	7.0	8.4	0.11	21.20
SOAPS AND DETERGENTS	HN011	0.8	1.0	5.6	56.4	11.8	21.7	9.4	54.1	9.8	11.3	0.32	21.52
PREPARED SALADS	FT061	0.8	0.3	9.1	58.2	7.7	16.8	7.0	59.0	7.2	7.9	0.06	21.57
DOGS	RB012	0.8	2.1	7.1	41.5	5.5	7.1	4.1	63.4	4.3	4.8	0.22	21.80
DOG FOOD	RB011	0.8	0.3	10.0	68.3	11.5	21.5	6.8	53.8	7.1	10.2	0.36	22.15

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
SAUCES AND GRAVIES	FT043	0.7	0.6	12.5	57.7	14.2	23.3	9.9	54.1	10.2	12.1	0.19	22.35
HAM (EXCLUDING CANNED)	FD021	0.7	0.9	11.5	46.6	18.6	35.7	19.0	51.5	19.6	17.3	0.18	22.52
CANNED FISH AND SEAFOOD	FG021	0.7	0.7	12.9	57.1	16.6	26.2	11.2	52.9	11.6	13.4	0.20	22.72
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	0.7	0.8	22.8	62.6	21.1	31.6	11.8	52.7	12.4	15.6	0.30	23.02
BABY FOOD	FT051	0.7	0.6	16.0	34.7	8.9	18.9	12.3	59.4	12.5	12.8	0.14	23.16
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	0.7	0.5	14.3	57.5	8.2	14.4	6.1	58.9	6.3	8.1	0.11	23.27
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	0.7	0.3	2.3	24.1	2.7	5.8	4.4	65.6	4.5	4.4	0.40	23.67
FLOUR	FA011	0.7	0.4	12.9	55.6	13.9	25.8	11.5	55.1	11.8	12.8	0.10	23.77
RICE	FA031	0.6	0.5	17.5	57.1	13.7	23.1	9.9	54.0	10.1	11.8	0.21	23.98
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	0.6	0.6	15.6	59.5	14.3	25.0	10.1	54.7	10.5	12.3	0.17	24.14
FROZEN BAKERY PROD & FROZEN/REFRIG DOUGHS/BATTERS	FB043	0.6	1.1	12.7	56.2	16.0	28.2	12.3	54.8	12.8	15.6	0.11	24.25
WHISKEY AT HOME	FW021	0.6	0.7	7.7	44.1	15.6	19.3	10.8	58.7	11.0	10.2	0.15	24.40
RECLINERS	HJ022	0.6	10.1	8.0	82.5	37.9	26.3	4.6	49.3	8.2	14.1	0.21	24.61
CRACKERS	FB041	0.6	0.8	27.2	66.3	23.3	35.8	12.0	53.0	12.7	15.7	0.12	24.73
SPANISH/MEXICAN FOODS	FT062	0.6	0.6	18.0	64.3	15.6	25.0	8.9	54.0	9.2	12.4	0.38	25.11
CEREAL	FA021	0.6	0.6	22.8	54.7	13.6	26.1	11.8	56.8	12.1	15.6	0.43	25.55
CANDY AND CHEWING GUM	FR021	0.6	0.3	15.3	61.4	8.6	14.9	5.7	55.5	5.9	7.6	0.31	25.86
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	0.6	1.4	15.2	55.4	16.2	25.9	11.6	55.5	12.0	14.6	0.22	26.08
ROASTED COFFEE	FP011	0.6	0.6	7.9	48.9	13.6	26.4	13.5	48.8	13.8	15.5	0.20	26.28
TEA	FP021	0.6	0.7	8.7	57.0	13.0	20.7	8.9	54.5	9.1	11.1	0.07	26.35
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	0.6	0.7	13.4	62.1	19.9	27.2	10.3	54.1	10.7	13.7	0.08	26.43
INDOOR PLANTS	HL021	0.6	0.4	0.0	34.3	6.1	12.9	8.5	53.2	8.6	8.2	0.21	26.64
ROPE	HM013	0.5	0.2	0.0	31.7	2.5	9.3	6.3	59.8	6.4	5.7	0.07	26.71
COOKIES	FB032	0.5	0.9	19.7	70.2	20.4	32.1	9.6	53.2	10.1	13.1	0.21	26.92
FRANKFURTERS	FE011	0.5	0.5	26.8	57.0	17.6	32.1	13.8	55.2	14.2	16.8	0.16	27.08
PHOTOGRAPHER'S FEES	RD021	0.5	2.6	5.7	13.8	6.5	9.5	8.2	72.4	8.2	9.1	0.09	27.17
ICE CREAM AND RELATED PRODUCTS	FJ031	0.5	0.8	22.0	61.6	20.9	32.9	12.7	54.3	13.1	17.4	0.25	27.41
SALAD DRESSING	FS021	0.5	0.4	24.8	63.8	17.1	27.9	10.1	53.9	10.4	13.7	0.11	27.53
OTHER BEEF	FC041	0.5	0.5	14.4	36.8	14.1	33.1	21.0	54.4	21.2	17.3	0.07	27.60
COLLEGE TEXTBOOKS	EA011	0.5	0.6	10.3	1.5	1.2	12.8	12.6	78.1	12.6	11.4	0.14	27.74

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
POTATO CHIPS AND OTHER SNACKS	FT031	0.5	0.9	18.2	70.6	20.2	26.0	7.6	53.2	8.0	11.5	0.38	28.12
CURTAINS AND DRAPES	HH021	0.5	4.5	4.3	87.4	32.9	21.8	2.7	49.0	4.1	9.9	0.08	28.19
WHITE BREAD	FB011	0.5	0.4	15.4	58.8	13.9	23.7	9.8	57.9	10.0	11.6	0.40	28.59
DEODORANT, ANTIPERSPIRANT	GB013	0.5	0.2	0.0	65.6	7.8	16.3	5.6	53.7	5.7	7.8	0.12	28.71
UNCOOKED GROUND BEEF	FC011	0.5	1.0	15.2	39.8	19.1	41.6	25.0	56.1	25.5	20.8	0.39	29.11
OTHER INFORMATION SERVICES	EE031	0.4	0.7	0.0	7.1	1.9	2.2	2.1	65.5	2.1	2.0	0.03	29.13
DRIED AND PROCESSED FRUIT	FM031	0.4	0.4	14.2	48.1	8.6	18.6	9.6	56.6	9.8	10.8	0.06	29.20
FROZEN FRUITS	FM021	0.4	0.5	15.0	63.7	18.0	28.7	10.4	54.7	10.7	13.7	0.14	29.34
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	0.4	0.4	10.9	59.6	13.5	23.1	9.3	54.7	9.5	11.3	0.11	29.45
CIGARETTES	GA011	0.4	0.7	12.4	31.0	36.1	33.6	23.2	61.3	23.5	26.5	1.71	31.16
AUTOMOBILE SERVICE CLUBS	TF032	0.4	0.0	0.0	42.9	4.6	7.6	4.3	68.3	4.3	5.4	0.05	31.21
APPLES	FK011	0.4	0.5	13.9	33.7	15.2	38.6	25.6	53.9	25.9	19.5	0.14	31.35
FRESH WHOLE CHICKEN	FF011	0.4	0.5	14.2	52.7	17.8	35.1	16.6	53.2	16.9	14.2	0.51	31.86
ROUND STEAK	FC031	0.3	0.5	17.6	40.4	20.9	47.0	28.0	54.0	28.4	23.0	0.39	32.25
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	0.3	0.0	0.0	3.1	0.1	2.9	2.9	78.7	2.9	2.6	0.91	33.16
CHUCK ROAST	FC021	0.3	0.6	22.7	46.3	24.3	48.3	25.9	53.8	26.4	22.6	0.19	33.35
BANANAS	FK021	0.3	0.3	24.8	53.4	15.8	29.0	13.5	51.1	13.7	12.8	0.15	33.49
SOUP	FT011	0.3	0.5	17.7	55.1	14.2	23.4	10.5	55.0	10.7	13.6	0.15	33.64
LARD AND SHORTENING	FS032	0.3	0.3	17.7	50.7	14.0	24.1	11.9	56.0	12.0	13.1	0.11	33.75
FRESH WHOLE MILK (UNFLAVORED)	FJ011	0.3	0.9	17.9	12.7	8.0	37.3	32.6	58.4	32.7	28.5	0.56	34.31
BACON AND RELATED PRODUCTS	FD011	0.3	0.4	19.2	46.1	16.0	34.1	18.4	55.3	18.6	19.8	0.27	34.58
FRESH FISH	FG011	0.3	0.6	13.1	43.8	20.4	36.3	20.4	52.5	20.7	16.1	0.27	34.85
COMMUNITY ANTENNA OR CABLE TV	RA021	0.3	0.1	0.0	3.7	1.0	12.8	12.4	72.1	12.4	12.5	1.26	36.11
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	0.3	0.4	8.3	51.3	9.9	18.7	9.1	58.2	9.2	10.6	0.07	36.18
CIGARS	GA021	0.3	0.2	7.3	13.2	5.5	13.2	11.5	73.4	11.5	11.1	0.09	36.27
CANNED FRUIT	FM011	0.3	0.4	12.4	60.0	16.2	26.2	10.5	54.5	10.7	13.7	0.24	36.52
TOMATOES	FL031	0.3	0.6	17.7	15.9	18.7	59.8	50.3	52.2	50.6	36.3	0.12	36.63
MOTOR OIL	TC022	0.3	0.1	12.0	24.0	3.5	15.4	11.7	66.1	11.8	10.7	0.20	36.83
PORK ROASTS	FD041	0.2	0.6	16.3	41.5	23.3	46.6	27.3	51.7	27.6	22.0	0.16	36.99
COLA DRINKS	FN011	0.2	0.9	22.1	66.3	35.5	38.7	13.1	52.6	13.6	19.0	0.58	37.57
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	0.2	0.6	16.7	52.8	16.6	22.6	10.6	58.5	10.8	12.4	0.47	38.04

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	0.2	0.9	19.6	16.6	15.9	39.9	33.3	53.9	33.5	26.3	0.19	38.23
LAMB AND MUTTON	FE013	0.2	0.3	0.0	39.2	9.1	21.4	13.0	55.6	13.1	11.1	0.13	38.36
SALT AND OTHER SEASONINGS AND SPICES	FT041	0.2	0.1	16.7	53.7	9.0	16.1	7.4	54.5	7.5	8.4	0.09	38.45
CLUB MEMBERSHIP DUES	RF011	0.2	0.1	20.0	31.8	6.6	12.6	8.6	69.2	8.6	10.0	0.92	39.37
SUGAR AND ARTIFICIAL SWEETENERS	FR011	0.2	0.2	11.1	55.9	12.9	22.5	9.9	54.5	10.0	10.5	0.10	39.47
OTHER FRESH VEGETABLES	FL041	0.2	0.4	24.6	24.6	15.0	43.5	32.8	51.8	32.9	23.8	0.37	39.84
PEANUT BUTTER	FS031	0.2	0.2	18.5	60.9	16.2	26.0	10.1	52.5	10.3	12.3	0.05	39.89
LETTUCE	FL021	0.2	0.4	19.4	17.9	13.1	49.6	40.8	50.9	40.9	28.6	0.08	39.98
CHEESE AND CHEESE PRODUCTS	FJ021	0.2	0.3	12.4	46.4	17.6	31.9	17.1	54.8	17.2	18.5	0.44	40.42
LIMITED SERVICE MEALS AND SNACKS	FV021	0.2	0.1	0.0	12.5	1.2	7.0	6.1	74.2	6.1	6.0	2.30	42.72
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS	RF021	0.1	0.1	0.0	1.2	0.3	9.1	9.0	80.0	9.0	8.7	0.78	43.51
BUTTER	FS011	0.1	0.4	14.3	36.5	16.5	38.3	24.3	55.1	24.5	24.6	0.13	43.63
OTHER FRESH FRUITS	FK041	0.1	0.5	24.2	19.9	24.8	62.2	49.9	52.3	50.1	37.7	0.31	43.94
RENTAL OF LODGING AWAY FROM HOME	HB021	0.1	0.3	16.1	2.4	3.1	42.8	41.7	52.2	41.8	35.2	3.38	47.31
CLUTCH REPAIR	TD031	0.1	0.0	0.0	0.3	0.1	16.9	16.8	70.9	16.8	16.3	1.35	48.67
OLIVES, PICKLES, RELISHES	FT042	0.1	0.0	0.0	65.7	15.3	24.6	8.4	54.5	8.5	11.2	0.05	48.72
PORK CHOPS	FD031	0.1	0.3	16.7	39.5	23.6	50.3	30.4	52.2	30.5	22.8	0.17	48.89
EGGS IN SHELL	FH011	0.1	0.2	24.7	8.3	8.8	51.9	47.6	53.4	47.6	36.7	0.14	49.03
POTATOES	FL011	0.0	0.1	13.3	27.3	14.7	40.7	29.6	53.3	29.6	23.0	0.14	49.17
BOTTLED OR TANK GAS	HE021	0.0	0.0	10.0	0.3	0.7	38.0	37.9	62.7	37.9	33.7	0.12	49.29
PRESCRIPTION DRUGS	MA011	0.0	0.0	0.0	0.3	0.1	15.1	15.0	76.5	15.0	14.0	1.20	50.49
MIDGRADE UNLEADED GASOLINE	TB012	0.0	0.0	40.0	0.0	0.3	87.6	87.6	53.5	87.6	73.5	1.69	52.18
REGULAR UNLEADED GASOLINE	TB011	0.0	0.0	40.0	0.0	0.2	88.6	88.6	53.0	88.6	74.4	1.69	53.87
PREMIUM UNLEADED GASOLINE	TB013	0.0	0.0	44.4	0.1	0.5	87.0	86.9	53.4	86.9	72.6	1.69	55.56
UTILITY PAIL	HN012	0.0	0.1	0.0	59.2	3.9	9.1	3.7	47.8	3.7	5.1	0.24	55.80
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	0.0	0.0	0.0	0.0	0.1	5.5	5.5	65.5	5.5	4.2	0.08	55.87
FULL COLLEGE TUITION AND FIXED FEES	EB011	0.0	0.0	0.0	0.0	0.0	5.8	5.8	85.9	5.8	5.8	1.58	57.46
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021	0.0	0.0	0.0	0.0	0.0	6.2	6.2	85.5	6.2	6.2	0.48	57.94
DAY CARE AND NURSERY SCHOOL	EB031	0.0	0.0	0.0	0.0	0.0	6.9	6.9	86.4	6.9	6.7	1.28	59.22

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES	EB041	0.0	0.0	0.0	0.0	0.0	9.2	9.2	82.5	9.2	8.8	0.07	59.29
FIRST CLASS MAIL	EC011	0.0	0.0	0.0	0.0	0.0	3.5	3.5	93.3	3.5	3.5	0.28	59.57
DELIVERY SERVICES	EC021	0.0	0.0	0.0	0.1	0.0	29.4	29.3	76.7	29.3	26.6	0.01	59.57
MAIN STATION CHARGES	ED011	0.0	0.0	0.0	0.0	0.0	28.4	28.4	63.9	28.4	27.6	1.50	61.07
INTERSTATE TELEPHONE SERVICES	ED021	0.0	0.0	0.0	0.0	0.0	41.9	41.9	38.1	41.9	34.8	1.50	62.58
CELLULAR TELEPHONES	ED031	0.0	0.0	0.0	0.0	0.0	13.0	13.0	44.6	13.0	11.7	0.07	62.65
FULL SERVICE MEALS AND SNACKS	FV011	0.0	0.0	0.0	1.7	0.1	5.1	5.0	81.4	5.0	4.8	4.15	66.79
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SIMILAR ITEMS	FV041	0.0	0.0	0.0	0.0	0.0	1.7	1.7	82.2	1.7	1.7	0.30	67.09
BOARD	FV051	0.0	0.0	0.0	2.0	0.4	5.5	5.4	78.8	5.4	5.5	0.24	67.34
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	0.0	0.0	0.0	4.1	0.2	5.2	5.0	74.5	5.0	4.5	0.50	67.83
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	0.0	0.0	0.0	2.4	0.1	3.1	3.1	80.5	3.1	2.9	1.36	69.20
LEGAL SERVICES	GD011	0.0	0.0	0.0	0.0	0.0	1.6	1.6	96.2	1.6	1.6	0.48	69.68
FUNERAL EXPENSES	GD021	0.0	0.0	0.0	0.0	0.0	8.9	8.9	82.8	8.9	8.9	0.49	70.17
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	0.0	0.0	0.0	9.8	0.7	3.3	3.0	75.1	3.0	2.9	0.30	70.47
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	0.0	0.0	0.0	0.0	0.0	3.8	3.8	80.0	3.8	3.8	0.03	70.50
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	0.0	0.0	0.0	4.9	0.8	4.0	3.8	61.6	3.8	3.3	0.04	70.54
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	0.0	0.0	0.0	0.0	0.0	5.4	5.4	58.2	5.4	4.7	0.02	70.56
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	0.0	0.0	0.0	0.0	0.0	3.5	3.5	75.8	3.5	3.0	0.20	70.75
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	0.0	0.0	0.0	0.0	0.0	5.5	5.5	88.6	5.5	5.5	0.25	71.00
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	0.0	0.0	0.0	0.0	0.0	2.8	2.8	88.6	2.8	2.8	0.15	71.15
HOUSING AT SCHOOL, EXCLUDING BOARD	HB011	0.0	0.0	0.0	0.0	0.0	4.7	4.7	91.7	4.7	4.7	0.33	71.48
TENANTS' INSURANCE	HD011	0.0	0.0	0.0	0.0	0.0	7.9	7.9	76.8	7.9	7.8	0.51	71.99
FUEL OIL	HE011	0.0	0.0	0.0	0.0	0.2	68.0	68.0	59.3	68.0	60.4	0.34	72.33
ELECTRICITY	HF011	0.0	0.0	0.0	0.0	0.0	38.1	38.1	53.1	38.1	36.8	3.41	75.75
UTILITY NATURAL GAS SERVICE	HF021	0.0	0.0	0.0	0.0	0.0	72.4	72.4	57.0	72.4	70.6	1.45	77.19
WATER AND SEWERAGE SERVICE	HG011	0.0	0.0	0.0	0.0	0.0	10.7	10.7	72.4	10.7	10.4	0.94	78.13

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
GARBAGE/TRASH COLLECTION	HG021	0.0	0.0	0.0	0.0	0.0	9.4	9.4	75.2	9.4	9.0	0.35	78.48
DOMESTIC SERVICES	HP011	0.0	0.0	0.0	0.0	0.0	4.3	4.3	78.3	4.3	4.1	0.45	78.93
GARDENING OR LAWN CARE SERVICES	HP021	0.0	0.0	0.0	0.0	0.0	7.8	7.8	76.6	7.8	7.8	0.38	79.31
MOVING, STORAGE, FREIGHT EXPRESS	HP031	0.0	0.0	0.0	1.9	0.3	10.7	10.5	70.3	10.5	10.0	0.15	79.46
APPLIANCE REPAIR	HP041	0.0	0.0	0.0	0.0	0.0	11.1	11.1	80.4	11.1	11.1	0.03	79.49
REUPHOLSTERY OF FURNITURE	HP042	0.0	0.0	0.0	0.0	0.0	8.4	8.4	78.5	8.4	7.5	0.05	79.54
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	0.0	0.0	0.0	20.3	2.3	11.5	9.2	65.6	9.2	10.6	0.07	79.60
SUPPORTIVE MEDICAL EQUIPMENT	MB023	0.0	0.0	0.0	29.8	2.7	8.7	6.1	66.2	6.1	6.0	0.06	79.67
GENERAL MEDICAL PRACTICE	MC011	0.0	0.0	0.0	0.0	0.0	3.4	3.4	67.7	3.4	3.0	2.06	81.73
PHYSICAL MEDICINE	MC041	0.0	0.0	0.0	0.0	0.0	2.4	2.4	85.7	2.4	2.3	0.37	82.10
HOSPITAL SERVICES	MD011	0.0	0.0	0.0	0.0	0.0	6.3	6.3	85.5	6.3	6.2	1.87	83.97
NURSING AND CONVALESCENT HOME CARE	MD021	0.0	0.0	0.0	0.0	0.0	5.7	5.7	89.4	5.7	5.6	0.07	84.04
RENTAL OF VIDEO TAPES AND DISCS	RA042	0.0	0.0	0.0	0.0	0.6	10.0	10.0	58.6	10.0	7.8	0.13	84.17
PET SERVICES	RB021	0.0	0.0	0.0	0.0	0.0	5.8	5.8	74.1	5.8	5.8	0.16	84.33
VETERINARIAN SERVICES	RB022	0.0	0.0	0.0	0.0	0.0	8.7	8.7	89.1	8.7	8.5	0.18	84.51
FILM PROCESSING	RD022	0.0	0.0	0.0	9.0	1.4	10.7	9.7	53.3	9.7	8.3	0.12	84.63
ADMISSION TO SPORTING EVENTS	RF022	0.0	0.0	0.0	12.6	1.5	6.6	5.8	78.1	5.8	6.4	0.31	84.94
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	0.0	0.0	0.0	4.2	0.3	5.6	5.4	65.5	5.4	4.1	0.15	85.09
SUBCOMPACT CARS	TA011	0.0	0.0	0.0	0.0	0.0	31.3	31.3	36.0	31.3	29.2	3.33	88.42
USED CARS	TA021	0.0	0.0	0.0	0.0	0.0	100.0	100.0	66.3	100.0	100.0	2.56	90.98
VEHICLE LEASING	TA031	0.0	0.0	0.0	0.0	0.0	42.4	42.4	49.4	42.4	41.8	0.94	91.92
AUTOMOTIVE DIESEL FUEL	TB021	0.0	0.0	0.0	0.0	0.1	67.1	67.1	59.1	67.1	57.1	0.02	91.94
ALTERNATIVE AUTOMOTIVE FUELS	TB022	0.0	0.0	0.0	0.0	0.0	23.4	23.4	64.8	23.4	23.4	0.02	91.95
PAINTING ENTIRE MOTOR VEHICLE	TD011	0.0	0.0	0.0	0.0	0.0	14.4	14.4	67.0	14.4	14.0	0.16	92.12
MOTOR VEHICLE INSURANCE	TE011	0.0	0.0	0.0	0.0	0.0	8.2	8.2	63.6	8.2	8.1	3.37	95.49
STATE VEHICLE REGISTRATION	TF011	0.0	0.0	0.0	0.0	0.0	2.6	2.6	77.7	2.6	2.4	0.29	95.78
LOCAL AUTOMOBILE REGISTRATION	TF012	0.0	0.0	0.0	0.0	0.0	1.9	1.9	92.3	1.9	1.9	0.29	96.07
PARKING FEES	TF031	0.0	0.0	0.0	0.0	0.0	2.9	2.9	78.5	2.9	2.6	0.23	96.30
AIRLINE FARE	TG011	0.0	0.0	0.0	0.0	0.0	59.8	59.8	58.7	59.8	53.7	1.33	97.62
INTERCITY BUS FARE	TG021	0.0	0.0	0.0	0.4	0.4	27.9	27.8	63.0	27.8	23.7	0.05	97.68
INTERCITY TRAIN FARE	TG022	0.0	0.0	0.0	0.0	0.0	24.1	24.1	66.7	24.1	19.6	0.10	97.77
INTRACITY MASS TRANSIT	TG031	0.0	0.0	0.0	0.0	0.0	2.3	2.3	82.8	2.3	2.3	0.33	98.11

Table 21: Frequency of Clearance Sales by Category for 1998-2005 (continued)

Category Name	ELI	Clearance Sales			Sales		Price Changes			Reg+Clear	Sales filter	weight	CDF
		Frac.P.Ch	Frac.Obs	Frac.Up	Frac.P.Ch	Frac.Obs.	Freq.	Freq.Reg.	Frac.Up	Freq.	5B		
TAXI FARE	TG032	0.0	0.0	0.0	0.0	0.0	4.4	4.4	86.1	4.4	4.4	0.10	98.21
AUTOMOBILE RENTAL	TA041	0.0	0.1	11.1	0.6	0.9	56.4	56.1	51.3	56.1	50.3	0.19	98.40
PROSTHODONTICS AND IMPLANTS	MC021	0.0	0.0	0.0	0.0	0.0	4.5	4.5	92.0	4.5	4.4	1.19	99.60
FEES FOR LESSONS OR INSTRUCTIONS	RF031	0.0	0.5	0.0	8.8	1.2	3.6	3.3	92.1	3.3	3.3	0.31	99.91
SHIP FARES	TG023	0.0	3.9	3.8	0.0	11.3	29.8	30.2	49.4	29.5	28.2	0.09	100.00

The first panel presents statistics on frequencies of clearance sales in percent per month. In this panel, "Frac. P. Ch" denotes the fraction of all price changes associated with clearance sales, "Frac. Obs" gives the fraction of all price observations that are associated with clearance sales and "Frac. Up" gives the fraction of price changes during clearance sales that are price increases. The second panel presents statistics on the frequency of all sales. "Frac. P. Ch." denotes the fraction of all price changes associated with sales. "Frac. Obs" gives the fraction of all price observations that are associated with sales. The third panel gives the frequency of price change with and without sales. "Freq" gives the frequency of all price changes. "Freq. Reg" gives the frequency of regular price changes. "Frac. Up" gives the fraction of price changes that are price increases. "Reg+Clear Freq" gives the frequency of price change excluding all sales except for clearance sales. "Sales filter 5B" gives the frequency of price change when sale filter B (excluding only V-shaped price paths) is applied with a window of five months. "Weight" denotes the expenditure weight of the ELI. "CDF" denotes the cumulative distribution function of the weights.

Table 22: Absolute Size of Price Changes by Category for 1998-2005

Category Name	ELI	Absolute Size		Abs. Size Up		Abs. Size Down	
		no sales	w/sales	no sales	w/sales	no sales	w/sales
GIRLS' OUTERWEAR	AD011	-	33.3	-	23.2	-	35.6
USED CARS	TA021	1.9	1.9	2.4	2.4	0.8	0.8
MAIN STATION CHARGES	ED011	2.2	2.2	2.3	2.3	1.9	1.9
DELIVERY SERVICES	EC021	3.1	3.1	3.2	3.2	2.8	2.8
SUBCOMPACT CARS	TA011	3.3	3.3	2.6	2.6	3.6	3.6
INTERSTATE TELEPHONE SERVICES	ED021	3.9	3.9	3.7	3.7	4.0	4.0
CLUTCH REPAIR	TD031	3.9	3.9	3.5	3.5	5.0	5.0
OUTBOARD MOTORS GASOLINE POWERED	RC011	4.0	5.5	3.8	4.5	4.4	6.9
BOYS' SWIMSUITS	AB015	4.1	27.6	4.1	19.6	0.0	29.5
APPLIANCE REPAIR	HP041	4.1	4.1	4.2	4.2	3.8	3.8
WATER AND SEWERAGE SERVICE	HG011	4.1	4.1	4.2	4.2	4.1	4.1
TIRES	TC011	4.5	6.8	4.0	5.7	5.4	8.3
REFRIGERATOR	HK011	4.7	7.6	4.0	7.4	5.5	7.8
UNPOWERED BOATS	RC012	4.8	6.7	4.0	5.5	6.1	8.2
PAINTING ENTIRE MOTOR VEHICLE	TD011	4.9	4.9	4.6	4.6	5.5	5.5
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	4.9	5.8	5.1	5.6	4.3	6.3
GARBAGE/TRASH COLLECTION	HG021	5.0	5.0	5.0	5.0	4.9	4.9
WOMEN'S SWIMSUITS	AC043	5.0	30.6	3.5	22.4	8.8	32.1
COMMUNITY ANTENNA OR CABLE TV	RA021	5.1	5.8	5.2	5.6	4.6	6.6
MOTOR VEHICLE INSURANCE	TE011	5.1	5.1	4.7	4.7	5.7	5.7
RENTAL OF VIDEO TAPES AND DISCS	RA042	5.2	5.2	5.4	5.4	5.0	4.9
REUPHOLSTERY OF FURNITURE	HP042	5.5	5.5	5.8	5.8	3.9	3.9
ROOM SIZE RUGS	HH011	5.7	10.9	5.4	8.9	6.4	14.0
CELLULAR TELEPHONES	ED031	5.7	5.7	4.9	4.9	6.3	6.3
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	5.8	5.8	5.7	5.7	6.4	6.4
FIRST CLASS MAIL	EC011	5.8	5.8	5.9	5.9	3.9	3.9
CRIB AND MATTRESS	HJ031	5.9	13.9	5.3	11.1	7.1	16.7
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	5.9	8.5	5.2	8.3	6.6	8.7
GIRLS' SWIMSUITS	AD015	5.9	30.0	0.0	23.6	5.9	31.3
GARDENING OR LAWN CARE SERVICES	HP021	6.0	6.0	6.0	6.0	5.6	5.6
NURSING AND CONVALESCENT HOME CARE	MD021	6.0	6.0	6.0	6.0	6.1	6.1
TENANTS' INSURANCE	HD011	6.0	6.0	5.5	5.5	8.0	8.0
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	6.0	21.3	5.6	18.4	6.9	24.7
AUTOMOTIVE DIESEL FUEL	TB021	6.0	6.0	6.4	6.4	5.5	5.5
VEHICLE LEASING	TA031	6.1	6.1	5.9	5.9	6.2	6.2
PREMIUM UNLEADED GASOLINE	TB013	6.1	6.1	6.5	6.5	5.6	5.6
PAINT	HM011	6.1	12.7	6.0	10.5	7.8	16.5
UTILITY NATURAL GAS SERVICE	HF021	6.2	6.2	6.5	6.5	5.8	5.8
COLLEGE TEXTBOOKS	EA011	6.3	6.3	6.1	6.1	7.1	7.0
ELECTRICITY	HF011	6.3	6.3	6.2	6.2	6.4	6.4
DAY CARE AND NURSERY SCHOOL	EB031	6.3	6.3	6.2	6.2	7.5	7.5
BOARD	FV051	6.4	6.7	6.5	6.6	5.9	7.1
MIDGRADE UNLEADED GASOLINE	TB012	6.4	6.4	6.8	6.8	5.9	5.9
LIPSTICK, GLOSS, ROUGE	GB021	6.5	26.6	5.8	22.1	9.6	33.0
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021	6.5	6.5	6.4	6.4	7.2	7.2
MEN'S SUITS AND FORMAL WEAR	AA011	6.6	25.5	5.8	23.7	9.4	27.0
PHOTOGRAPHER'S FEES	RD021	6.6	7.7	6.9	7.7	5.3	7.6

Table 22: Absolute Size of Price Changes by Category for 1998-2005 (cont.)

Category Name	ELI	Absolute Size		Abs. Size Up		Abs. Size Down	
		no sales	w/sales	no sales	w/sales	no sales	w/sales
TELEVISIONS	RA011	6.6	9.7	4.8	8.1	7.6	10.6
FILM PROCESSING	RD022	6.7	8.3	5.8	7.7	7.7	8.9
AUTOMOBILE SERVICE CLUBS	TF032	6.7	12.8	5.8	10.1	14.0	18.8
INTERCITY BUS FARE	TG021	6.7	7.0	6.2	6.3	7.7	8.1
GIRLS' DRESSES	AD012	6.7	31.0	0.8	20.9	18.5	33.1
REGULAR UNLEADED GASOLINE	TB011	6.8	6.8	7.3	7.3	6.2	6.2
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	6.8	29.9	8.3	23.0	5.3	31.7
WHISKEY AT HOME	FW021	6.9	10.0	6.7	9.5	7.1	10.8
PRESCRIPTION DRUGS	MA011	6.9	7.0	6.2	6.3	9.2	9.5
WASHERS	HK012	6.9	8.2	4.4	8.1	9.2	8.4
VETERINARIAN SERVICES	RB022	6.9	6.9	6.7	6.7	9.1	9.1
FRESH WHOLE MILK (UNFLAVORED)	FJ011	6.9	12.2	6.5	11.1	7.6	13.8
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	6.9	11.4	6.8	10.7	7.3	12.5
FULL SERVICE MEALS AND SNACKS	FV011	7.1	7.3	6.5	6.6	10.7	11.1
SUPPORTIVE MEDICAL EQUIPMENT	MB023	7.1	11.8	6.5	10.2	9.7	15.4
FUNERAL EXPENSES	GD021	7.2	7.2	6.6	6.6	10.1	10.1
BICYCLES AND ACCESSORIES	RC013	7.2	11.1	7.1	10.6	7.3	11.4
SOFAS OTHER THAN SOFA BEDS	HJ021	7.2	16.7	7.0	15.6	7.5	17.8
MOVING, STORAGE, FREIGHT EXPRESS	HP031	7.3	7.8	6.7	7.0	8.8	9.9
CIGARETTES	GA011	7.3	10.0	7.2	9.5	7.5	10.9
DIAPERS AND DIAPER LINERS	AF012	7.3	17.1	7.4	16.4	7.2	17.8
AUTOMOBILE BATTERIES	TC021	7.4	10.2	6.8	8.8	8.6	12.4
LIMITED SERVICE MEALS AND SNACKS	FV021	7.4	10.7	6.9	8.9	9.5	16.2
OPTOMETRISTS/OPTICIANS	MC031	7.5	18.3	7.0	16.3	9.2	21.5
ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS	EA013	7.6	12.2	4.4	11.3	9.1	12.6
PORTABLE SANDING/POLISHING TOOLS	HM012	7.6	14.7	8.8	14.3	6.5	15.1
MATTRESSES AND SPRINGS	HJ011	7.8	16.1	7.9	15.8	7.1	16.5
STILL CAMERA	RD012	7.8	10.5	6.0	7.8	8.7	11.8
INTERNAL AND RESPIRATORY OVER-THE-COUNTER DRUGS	MB011	7.9	18.1	6.9	16.1	10.2	20.7
MICROWAVE OVENS	HK014	8.0	10.7	4.5	9.9	10.5	11.3
FAN	HK023	8.0	18.1	8.0	15.8	8.0	19.5
BEDROOM CASE GOODS	HJ012	8.0	14.8	8.2	13.1	7.5	17.1
FUEL OIL	HE011	8.0	8.0	8.4	8.5	7.4	7.4
SOAPS AND DETERGENTS	HN011	8.1	20.8	7.8	19.6	8.6	22.4
RECLINERS	HJ022	8.1	16.4	7.6	15.5	9.8	17.2
GENERAL PURPOSE AND AUTO	HM014	8.2	25.0	6.6	18.5	12.2	33.0
MATERIALS FOR MAKING SLIPCOVERS, UPHOLSTERY, CURTAINS & DRAPERIES	RE021	8.3	30.4	8.1	29.8	8.9	31.0
DOGS	RB012	8.3	16.4	7.3	14.7	11.3	19.6
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	8.3	8.3	8.2	8.2	8.9	8.9
SLEEPING BAGS, COTS, AND OTHER SLEEPING EQUIPMENT	RC023	8.4	19.4	6.2	14.5	11.8	23.8
STRING INSTRUMENTS	RE031	8.4	13.9	7.6	11.5	10.0	16.5
TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES	EB041	8.5	8.5	8.1	8.1	10.5	10.5
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	8.5	26.6	8.0	24.3	9.7	29.6

Table 22: Absolute Size of Price Changes by Category for 1998-2005 (cont.)

Category Name	ELI	Absolute Size		Abs. Size Up		Abs. Size Down	
		no sales	w/sales	no sales	w/sales	no sales	w/sales
HAIR DRYER	GB014	8.5	20.1	9.1	19.8	7.7	20.3
KITCHEN TABLE, CHAIR AND SETS	HJ024	8.5	17.2	6.6	16.7	12.2	17.7
FULL COLLEGE TUITION AND FIXED FEES	EB011	8.6	8.6	5.4	5.4	27.9	27.9
BOTTLED OR TANK GAS	HE021	8.6	8.7	8.6	8.6	8.7	8.8
JEWELRY	AG021	8.6	41.9	9.1	40.7	7.9	43.0
NONELECTRIC COOKINGWARE	HL041	8.7	32.3	8.7	29.8	8.6	34.6
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	8.7	24.5	6.2	21.3	12.7	27.0
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	8.7	19.3	6.5	17.6	12.3	21.0
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	8.7	12.7	7.6	9.9	12.0	19.6
FLOOR CLEANING EQUIPMENT	HK021	8.7	13.5	6.6	13.3	9.6	13.7
CIGARS	GA021	8.8	10.7	8.2	9.5	11.1	14.0
WINE AT HOME	FW031	8.9	17.1	8.3	15.8	10.2	18.5
FILM	RD011	9.0	19.4	9.4	19.1	8.4	19.7
PEANUT BUTTER	FS031	9.0	20.9	8.0	20.0	10.4	21.9
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	9.0	9.0	10.4	10.4	6.8	6.8
MOTOR OIL	TC022	9.1	13.8	8.8	12.4	9.9	16.6
BOYS' UNDERWEAR	AB013	9.2	24.7	8.5	23.2	10.5	26.3
STROLLER	GE013	9.2	11.4	9.2	9.7	8.9	13.4
TOPICALS AND DRESSINGS	MB021	9.2	18.0	7.6	15.3	13.1	21.8
DEODORANT, ANTIPERSPIRANT	GB013	9.3	23.2	7.3	21.8	13.0	24.9
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	9.3	11.3	7.3	9.1	10.2	12.1
CURTAINS AND DRAPES	HH021	9.4	24.2	7.9	23.2	18.8	25.2
BLENDERS	HK022	9.4	18.4	7.5	16.9	12.1	19.8
DOMESTIC SERVICES	HP011	9.4	9.4	9.5	9.5	8.9	8.9
HOUSEHOLD PAPER PRODUCTS	HN021	9.5	26.3	9.0	24.9	10.6	27.9
WATCHES	AG011	9.6	25.1	7.2	23.8	14.0	26.3
LARD AND SHORTENING	FS032	9.6	20.1	9.0	18.7	10.8	21.9
ROASTED COFFEE	FP011	9.6	18.4	9.9	18.5	9.3	18.3
COLORING	GB011	9.6	22.3	8.3	21.0	12.3	23.8
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	9.7	12.6	7.9	11.1	10.8	13.6
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	9.7	10.6	9.3	9.8	11.6	14.0
OTHER VIDEO EQUIPMENT	RA031	9.8	12.3	6.7	10.4	11.2	13.2
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	9.8	9.8	10.6	10.5	8.0	8.4
WOMEN'S OUTERWEAR	AC011	9.8	27.8	10.1	21.3	9.5	29.8
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	9.8	9.8	9.8	9.8	9.8	9.8
CEREAL	FA021	9.9	25.7	8.3	23.2	13.3	29.0
VENETIAN BLINDS	HH022	9.9	28.4	10.1	24.8	9.0	32.2
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS	RF021	9.9	10.2	9.0	9.1	14.2	14.9
ALTERNATIVE AUTOMOTIVE FUELS	TB022	9.9	9.9	10.1	10.1	9.6	9.6
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	9.9	29.3	8.9	25.8	11.5	31.3
HOUSING AT SCHOOL, EXCLUDING BOARD	HB011	10.0	10.0	8.6	8.6	25.3	25.3
DENTAL PREPARATIONS	GB012	10.0	23.8	8.6	21.7	13.0	26.5
SUGAR AND ARTIFICIAL SWEETENERS	FR011	10.0	19.4	9.1	18.3	11.8	20.8

Table 22: Absolute Size of Price Changes by Category for 1998-2005 (cont.)

Category Name	ELI	Absolute Size		Abs. Size Up		Abs. Size Down	
		no sales	w/sales	no sales	w/sales	no sales	w/sales
PROSTHODONTICS AND IMPLANTS	MC021	10.1	10.1	9.4	9.4	18.3	18.3
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	10.1	18.9	9.3	15.7	12.5	25.5
EXERCISE EQUIPMENT	RC021	10.1	22.1	8.7	20.9	12.6	23.1
PET SERVICES	RB021	10.1	10.1	9.1	9.1	13.7	13.7
TAXI FARE	TG032	10.2	10.2	11.0	11.0	4.4	4.4
DOG FOOD	RB011	10.2	31.6	8.9	30.5	13.2	32.9
UNCOOKED GROUND BEEF	FC011	10.4	18.5	10.0	17.5	10.9	19.9
TOWELS, WASH CLOTHS, BATH MATS	HH031	10.6	25.8	10.9	25.2	10.0	26.3
BOYS' SHIRTS	AB012	10.6	36.3	10.6	30.8	10.5	38.7
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	10.7	17.1	10.0	14.7	12.0	20.3
HOSPITAL SERVICES	MD011	10.8	10.8	10.4	10.4	13.3	13.3
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN INSECTICIDES	HM022	10.8	24.2	9.3	19.5	13.6	29.0
BOYS' SUITS AND VESTS	AB014	10.9	26.7	9.8	24.9	12.8	28.1
ROPE	HM013	10.9	12.4	10.6	11.9	11.6	13.2
CLUB MEMBERSHIP DUES	RF011	10.9	15.2	8.8	12.3	19.6	21.7
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	10.9	32.1	8.9	32.4	14.0	31.9
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	11.0	11.9	10.4	11.0	12.8	14.5
CHEESE AND CHEESE PRODUCTS	FJ021	11.1	23.5	10.1	22.0	12.7	25.3
BEDSPREADS	HH032	11.1	26.5	11.3	25.4	10.9	27.5
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	11.1	29.3	9.3	26.8	15.2	31.1
TEA	FP021	11.1	22.1	9.8	20.4	13.7	24.1
OLIVES, PICKLES, RELISHES	FT042	11.1	25.1	9.9	23.6	13.7	27.1
ROUND STEAK	FC031	11.2	23.2	10.9	22.1	11.7	24.5
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	11.2	29.0	10.6	26.5	12.4	31.5
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	11.3	24.0	10.2	22.6	13.3	25.7
CEILING AND WALL LIGHTS	HL011	11.3	22.0	11.2	16.7	11.5	25.7
DOLLS AND DOLL CLOTHING	RE011	11.3	28.5	12.5	23.7	9.0	31.7
PORK CHOPS	FD031	11.4	24.3	11.3	23.5	11.4	25.2
INFANTS' AND TODDLERS' OUTERWEAR	AF011	11.4	32.5	9.7	29.5	16.5	33.9
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	11.4	15.0	10.5	12.6	15.1	22.4
DRIED AND PROCESSED FRUIT	FM031	11.5	23.1	10.5	21.3	13.3	25.5
MEN'S PANTS AND SHORTS	AA041	11.5	24.4	10.2	22.6	13.3	25.8
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	11.6	20.5	9.8	18.3	15.7	23.6
BACON AND RELATED PRODUCTS	FD011	11.7	23.5	10.8	22.1	13.3	25.2
LUGGAGE	GE012	11.8	30.8	15.2	31.1	7.7	30.5
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	11.8	22.6	10.1	19.8	17.4	26.9
CHUCK ROAST	FC021	11.8	27.6	11.6	26.4	12.1	29.1
GIRLS' PANTS AND SHORTS	AD014	11.9	30.0	10.0	25.1	14.6	32.6
FRANKFURTERS	FE011	11.9	30.0	10.9	27.7	14.1	32.8
PAINTINGS AND PICTURES	HL012	12.0	29.0	10.3	25.0	15.3	32.0
CHAISE LOUNGE	HJ032	12.0	22.0	5.9	14.6	27.2	25.6

Table 22: Absolute Size of Price Changes by Category for 1998-2005 (cont.)

Category Name	ELI	Absolute Size		Abs. Size Up		Abs. Size Down	
		no sales	w/sales	no sales	w/sales	no sales	w/sales
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	12.0	30.8	12.3	28.8	11.6	32.3
BUTTER	FS011	12.1	22.7	11.5	21.4	13.1	24.4
BABY FOOD	FT051	12.1	30.6	10.3	26.6	15.9	36.4
INTRACITY MASS TRANSIT	TG031	12.2	12.2	12.6	12.6	9.7	9.7
WHITE BREAD	FB011	12.2	25.9	10.5	23.4	17.1	29.3
UTILITY PAIL	HN012	12.3	25.0	14.8	25.5	8.9	24.5
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	12.3	27.1	10.9	25.3	15.0	29.3
MEN'S SWIMSUITS	AA023	12.5	34.6	9.8	34.0	15.5	34.8
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	12.5	29.5	9.7	28.0	22.2	30.7
SALAD DRESSING	FS021	12.5	27.9	10.9	26.4	15.6	29.6
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	12.5	30.4	12.2	28.0	13.4	33.7
SHIP FARES	TG023	12.5	12.4	10.2	10.3	14.9	14.5
FLOUR	FA011	12.6	30.0	11.7	28.1	14.2	32.4
RICE	FA031	12.6	26.4	11.0	25.0	15.3	28.0
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	12.6	12.7	12.3	12.3	14.2	14.4
FEES FOR LESSONS OR INSTRUCTIONS	RF031	12.6	14.0	12.4	13.0	18.7	26.0
PREPARED SALADS	FT061	13.1	22.9	11.0	20.7	21.0	26.0
ICE CREAM AND RELATED PRODUCTS	FJ031	13.2	27.7	11.0	25.8	18.0	29.9
FLATWARE	HL032	13.2	30.2	17.2	29.5	1.1	30.8
MEN'S SHIRTS	AA031	13.2	30.2	11.7	28.7	15.5	31.1
LARGE EQUIPMENT, POWERED	HM021	13.2	14.2	12.2	12.9	14.7	15.3
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	13.2	25.6	11.1	23.3	17.7	28.7
AIRLINE FARE	TG011	13.2	13.2	11.3	11.3	16.1	16.1
LEGAL SERVICES	GD011	13.3	13.3	13.6	13.6	6.7	6.7
OTHER BEEF	FC041	13.4	20.5	12.9	19.5	14.0	21.7
MEN'S OUTERWEAR	AA013	13.4	28.1	7.3	24.5	22.0	29.8
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	13.4	29.1	11.3	26.2	15.9	31.1
PRERECORDED - VIDEO TAPES AND DISCS	RA041	13.5	19.6	11.5	17.4	15.3	21.5
TELEPHONES	EE041	13.7	22.2	12.0	22.1	14.6	22.3
CANDY AND CHEWING GUM	FR021	13.9	31.4	12.1	29.0	17.6	34.5
EGGS IN SHELL	FH011	14.0	18.4	13.2	17.4	14.9	19.6
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	14.0	29.3	12.5	28.1	16.5	30.8
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	14.1	24.9	12.2	22.3	20.1	28.8
CANNED FISH AND SEAFOOD	FG021	14.2	25.7	13.1	24.6	15.9	27.0
LAMB AND MUTTON	FE013	14.2	21.5	13.9	20.7	14.7	22.4
HAM (EXCLUDING CANNED)	FD021	14.4	26.4	14.1	25.7	14.8	27.2
PORK ROASTS	FD041	14.4	26.7	14.4	26.0	14.4	27.4
FROZEN BAKERY PROD & FROZEN/REFRIG DOUGHS/BATTERS	FB043	14.5	26.7	12.2	24.7	19.1	29.2
DISHCLOTHS AND DISHTOWELS	HH033	14.6	34.5	9.3	30.3	40.7	37.9
GENERAL MEDICAL PRACTICE	MC011	14.7	14.7	13.9	13.9	16.3	16.3
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	14.8	16.5	13.6	14.6	16.7	19.7
FRESH WHOLE CHICKEN	FF011	14.8	30.1	14.3	28.9	15.6	31.5
SPANISH/MEXICAN FOODS	FT062	14.8	33.6	12.5	31.7	19.4	35.8
SAUCES AND GRAVIES	FT043	14.9	28.8	12.8	26.9	18.7	31.0
CALCULATORS AND ADDING MACHINES	EE042	14.9	19.9	14.9	14.7	15.0	23.0
STATE VEHICLE REGISTRATION	TF011	15.2	15.2	16.5	16.5	10.0	10.0

Table 22: Absolute Size of Price Changes by Category for 1998-2005 (cont.)

Category Name	ELI	Absolute Size		Abs. Size Up		Abs. Size Down	
		no sales	w/sales	no sales	w/sales	no sales	w/sales
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	15.5	36.3	16.5	29.3	14.1	38.1
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	15.5	28.0	12.3	24.8	25.5	32.8
STATIONERY	GE011	15.6	33.7	13.3	28.8	20.7	39.7
FRESH FISH	FG011	15.7	22.9	15.0	21.9	16.8	23.9
MEN'S UNDERWEAR	AA021	15.8	28.1	14.1	27.0	18.7	29.3
POTATO CHIPS AND OTHER SNACKS	FT031	15.9	33.4	13.6	31.8	20.5	35.1
NEW MOTORCYCLES	TA012	16.0	15.1	16.7	16.2	15.3	14.3
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SIMILAR ITEMS	FV041	16.0	16.0	15.1	15.1	20.3	20.3
LIVING ROOM TABLES	HJ023	16.1	13.1	14.0	12.5	22.6	13.6
WOMEN'S SKIRTS	AC032	16.4	32.8	17.1	26.7	15.5	35.4
COLA DRINKS	FN011	16.5	37.2	14.7	36.4	19.6	38.2
VIDEO GAME HARDWARE	RE012	16.6	28.4	4.7	18.0	19.0	31.5
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	17.1	39.7	15.1	37.7	20.8	42.1
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	17.1	28.0	15.4	26.0	18.4	29.3
TURKEY (EXCLUDING CANNED)	FF021	17.2	26.1	16.9	25.1	17.5	27.2
LOCAL AUTOMOBILE REGISTRATION	TF012	17.3	17.3	17.7	17.7	12.2	12.2
PHYSICAL MEDICINE	MC041	17.4	17.4	15.7	15.7	27.3	27.3
FROZEN FRUITS	FM021	17.5	34.2	15.1	32.3	22.6	36.4
AUTOMOBILE RENTAL	TA041	17.5	17.8	17.3	17.6	17.8	18.0
GIRLS' SWEATERS	AD013	17.5	35.9	13.4	28.4	23.4	38.9
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	17.6	38.0	15.3	35.5	22.2	41.2
CANNED FRUIT	FM011	17.6	36.4	15.1	34.2	22.5	39.2
SALT AND OTHER SEASONINGS AND SPICES	FT041	17.6	26.5	15.1	24.7	22.1	28.6
PLASTIC DINNERWARE	HL031	18.0	32.1	15.1	31.0	23.6	33.1
COMPUTER SOFTWARE	EE021	18.2	22.7	14.0	17.2	21.9	27.2
WOMEN'S DRESSES	AC021	18.4	38.7	22.6	28.2	11.7	40.8
CRACKERS	FB041	18.6	30.1	16.5	29.1	22.4	31.2
INTERCITY TRAIN FARE	TG022	18.8	18.8	14.9	14.9	26.5	26.5
SOUP	FT011	19.0	36.7	16.2	34.2	24.1	39.8
OTHER INFORMATION SERVICES	EE031	19.3	19.4	15.0	14.4	46.8	44.5
COOKIES	FB032	19.7	30.5	16.8	29.2	25.2	31.9
SCUBA GEAR AND EQUIPMENT	RC022	20.2	35.6	11.8	33.4	28.6	37.4
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	20.3	30.7	15.6	27.9	31.3	34.3
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	20.4	38.2	17.5	36.7	25.1	39.9
POTATOES	FL011	20.6	29.8	20.1	28.7	21.2	31.2
APPLES	FK011	20.8	29.1	19.5	27.6	22.6	30.9
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	20.9	20.9	17.6	17.6	31.2	31.2
INDOOR PLANTS	HL021	20.9	28.6	20.1	25.4	22.2	32.3
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	21.1	22.2	19.3	20.0	24.7	26.5
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	21.4	21.4	18.9	18.9	26.1	26.1
GIRLS' UNDERWEAR	AD016	21.4	34.7	13.7	33.5	29.9	35.5
RENTAL OF LODGING AWAY FROM HOME	HB021	21.6	21.9	20.9	21.2	22.4	22.7
PARKING FEES	TF031	21.7	21.7	20.0	20.0	29.3	29.3
ADMISSION TO SPORTING EVENTS	RF022	21.8	28.9	18.3	28.0	32.0	32.0

Table 22: Absolute Size of Price Changes by Category for 1998-2005 (cont.)

Category Name	ELI	Absolute Size		Abs. Size Up		Abs. Size Down	
		no sales	w/sales	no sales	w/sales	no sales	w/sales
MEN'S SWEATERS AND VESTS	AA032	23.7	37.6	27.5	30.3	18.5	39.0
TOMATOES	FL031	24.2	31.4	23.6	30.2	24.9	32.8
LETTUCE	FL021	25.2	30.7	24.5	29.4	26.1	32.1
BANANAS	FK021	25.5	40.8	23.7	40.0	27.5	41.6
OTHER FRESH VEGETABLES	FL041	26.2	32.8	25.3	31.5	27.2	34.1
OTHER FRESH FRUITS	FK041	28.5	37.4	27.5	35.7	29.7	39.4
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	32.8	37.2	30.6	35.3	35.7	39.5
BOYS' OUTERWEAR	AB011	69.9	29.9	119.1	30.5	20.6	29.8

"Absolute Size" denotes the average absolute size of price changes. "Abs. Size Up" and "Abs. Size Down" denote the average absolute size of price increases and decreases, respectively. "no sales" denotes that price changes associated with sales are not included. "w/sales" denotes that price change associated with sale are included.

Table 23: Frequency of Price Change and Substitution by Category in the PPI

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Services for the printing trade	939	0.3	2.8	3.1
All other footwear	439	0.4	2.9	3.3
Leather/leather-like goods, n.e.c.	445	0.5	2.9	3.4
Electric lamps	1245	1.0	4.4	5.3
Personal aid equipment	1561	1.0	1.8	2.8
Miscellaneous millwork products	823	1.3	3.0	4.2
Canned specialties	284	1.5	2.6	4.1
Embroideries and lace goods	347	1.5	3.5	5.0
Nuclear steam supply systems	1078	1.7	2.3	4.0
Pens, pencils, and marking devices	1595	1.7	2.6	4.3
Hollowware	1263	1.8	2.6	4.3
Bolts, nuts, screws, rivets, and washers	1081	2.0	2.7	4.6
Jewelry and jewelry products	1594	2.0	2.3	4.2
Textile housefurnishings	382	2.1	2.4	4.4
Narrow fabrics	344	2.1	2.4	4.5
Printing trades machinery and equipment	1165	2.2	2.8	4.9
Fabricated steel plate	1076	2.2	2.7	4.9
Metal forming machine tools	1138	2.3	2.6	4.8
Apparel	381	2.3	2.9	5.1
Scales and balances	1146	2.3	2.5	4.8
Integrating and measuring instruments	1172	2.4	3.1	5.4
Gaskets, packing, and sealing devices	1398	2.4	1.4	3.7
Brooms and brushes	1597	2.4	2.2	4.6
Textile machinery and equipment	1162	2.5	2.3	4.7
Needles, pins, and fasteners	1532	2.5	1.8	4.2
Oil field and gas field machinery	1191	2.6	2.6	5.1
Office and store machines and equipment	1193	2.6	3.0	5.5
Cutlery, razors and razor blades	1267	2.7	2.5	5.1
Confectionery end products	255	2.7	1.7	4.3
Communication and related equipment	1176	2.7	2.9	5.5
Toys, games, and children's vehicles	1511	2.7	3.1	5.8
Blankbooks, binders, and bookbinding work	938	2.7	3.0	5.7
Furniture and fixtures n.e.c.	1224	2.7	2.5	5.1
Fabricated products, n.e.c.	383	2.8	2.9	5.6
Cutting tools and accessories	1135	2.8	2.2	4.9
Cosmetics and other toilet preparations	675	2.8	2.1	4.8
Women's footwear	432	2.9	3.1	5.9
Computer terminals and parts	1153	2.9	3.7	6.5
Abrasive products	1136	3.1	2.4	5.4
Tableware, kitchenware and other pottery	1261	3.1	2.5	5.5
Nonwovens and felt goods	345	3.1	2.6	5.6
Electronic components and accessories	1178	3.1	3.2	6.2
Gloves	442	3.1	2.2	5.2
Steel power boilers	1077	3.1	2.4	5.4
Elevators, escalators, and other lifts	1142	3.2	2.6	5.7
Cut stone and stone products	1395	3.2	2.3	5.4
Consumer, institut., & comm. prod., nec.	728	3.2	2.9	6.0
Miscellaneous products, n.e.c.	159A	3.2	3.2	6.3

Table 23: Frequency of Price Change and Substitution by Category in the PPI (cont.)

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Lighting fixtures	1083	3.2	3.1	6.3
Miscellaneous rubber products	713	3.2	2.4	5.5
Parts for construction machinery	112G	3.3	2.6	5.8
Other special industry machinery	1166	3.3	2.7	5.9
Book publishing	933	3.3	2.5	5.7
Fluid meters and counting devices	1184	3.3	2.5	5.7
Tools, dies, jigs, fixtures & ind. molds	1139	3.3	3.5	6.7
Coated fabrics, not rubberized	346	3.3	2.9	6.2
Metal household furniture	1211	3.3	1.8	5.0
Household furniture, n.e.c.	1216	3.4	3.0	6.3
Railroad cars and car parts	1442	3.4	2.5	5.8
Industrial process furnaces and ovens	1134	3.4	2.2	5.5
Metal tanks	1072	3.4	2.5	5.8
Boxes	842	3.4	2.2	5.5
Household flatware	1264	3.4	2.4	5.8
Speakers and commercial sound equipment	1257	3.5	4.9	8.2
Measuring & controlling devices, n.e.c.	1189	3.5	3.4	6.7
Process control instruments	1182	3.5	2.3	5.7
Metal cutting machine tools	1137	3.5	2.4	5.9
Commercial printing	937	3.6	3.1	6.5
Ophthalmic goods	1564	3.6	3.1	6.6
Jams, jellies, and preserves	281	3.6	2.3	5.9
Medicinal and botanical chemicals	631	3.7	2.5	6.1
Electric housewares and fans	1244	3.7	3.7	7.2
Optical instruments and lenses	1186	3.7	1.9	5.5
Metal office furniture and store fixtures	1222	3.8	2.2	5.9
Switchgear, switchboard, etc. equipment	1175	3.8	2.2	5.9
Luggage and small leather goods	441	3.8	3.2	6.9
Photographic equipment	1541	3.8	2.8	6.5
Buttons, button blanks, and parts	1531	3.8	2.3	6.0
Computer peripheral equipment and parts	1154	3.8	3.1	6.8
Other miscellaneous metal products	1089	3.8	2.5	6.3
Miscellaneous general purpose equipment	1149	3.8	2.5	6.3
Recorded cd/tape/record producing	159C	3.9	4.8	8.5
Meat sauces	286	3.9	2.3	6.2
Newspapers	931	3.9	2.7	6.5
Wood office furniture and store fixtures	1221	3.9	1.7	5.5
Packing and packaging machinery	1167	4.0	1.8	5.7
Bakery products	211	4.1	2.6	6.5
Other finished glassware	1313	4.1	2.3	6.3
Fans and blowers, except portable	1147	4.1	2.4	6.4
Clay refractories	1352	4.1	1.7	5.8
Metalworking machinery n. e. c.	113A	4.2	1.5	5.6
Other agricultural chemicals	653	4.2	2.8	6.9
Allied and miscellaneous paint products	623	4.2	2.6	6.7
Industrial material handling equipment	1144	4.2	2.4	6.5
Photographic supplies	1542	4.2	2.6	6.7
Service industry machinery and parts	1168	4.2	3.0	7.1

Table 23: Frequency of Price Change and Substitution by Category in the PPI (cont.)

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Concrete pipe	1332	4.2	3.0	7.1
Precast concrete products	1334	4.3	2.6	6.7
Fluid power equipment	1143	4.3	1.4	5.6
Men's footwear	431	4.3	2.5	6.7
Woodworking machinery and equipment	1163	4.4	1.5	5.8
Household glassware	1262	4.4	1.9	6.2
Other finishing of textiles	393	4.4	2.1	6.5
Periodicals	932	4.4	3.6	7.9
Sheet metal products	1073	4.5	2.3	6.6
Other miscellaneous processed foods	289	4.5	2.6	7.0
Aircraft parts and auxiliary equipment, nec	1425	4.6	2.4	6.9
Upholstered household furniture	1213	4.6	2.4	6.9
Hard surface floor coverings	1232	4.6	2.4	7.0
Steam, gas, & hydraulic turbines & parts	1196	4.7	2.3	6.9
Threads	327	4.7	1.8	6.4
Hand and edge tools	1042	4.7	1.3	5.9
Food products machinery	1161	4.7	2.4	7.0
Conversion burners	1063	4.7	1.5	6.1
Household vacuum cleaners, parts, & attach.	1243	4.7	2.3	6.9
Sporting and athletic goods	1512	4.7	2.9	7.5
Refractories, non clay	1353	4.8	1.6	6.3
Welding machines and equipment	1133	4.8	2.7	7.3
Household durables, n.e.c.	1269	4.8	2.6	7.3
Mining machinery and equipment	1192	4.9	2.5	7.3
Commercial laundry & dry cleaning equip.	1169	4.9	2.5	7.3
Preparations, veterinary	634	4.9	2.1	6.9
Hardwood plywood and related products	832	4.9	2.3	7.1
General millwork	821	4.9	2.6	7.4
Construction sand, gravel, and crushed stone	1321	4.9	1.6	6.4
Wiring devices	1171	5.0	2.1	7.0
Pumps, compressors, and equipment	1141	5.0	2.9	7.8
Environmental controls	1181	5.0	2.5	7.5
Knit fabrics, finished in knitting mills	348	5.1	2.3	7.2
Machine shop products	1195	5.1	2.7	7.6
Plastic parts and components for mfg.	726	5.1	3.3	8.2
Surgical appliances and supplies	1563	5.1	2.7	7.6
Industrial safety equipment	1571	5.1	2.4	7.4
Engineering and scientific instruments	1185	5.1	3.2	8.1
Wood household furniture	1212	5.1	2.3	7.3
Knits	338	5.2	2.9	8.0
Lawn and garden equip., ex. garden tractors	1266	5.2	2.6	7.6
Brass fittings	1054	5.2	1.5	6.6
Laminated plastic sheets, rods, and tubes	723	5.3	3.0	8.1
Major appliances	1241	5.4	2.6	7.8
Frozen specialties	285	5.4	3.2	8.5
Other asphalt roofing	1362	5.4	2.9	8.2
Mechanical power transmission equipment	1145	5.5	2.2	7.5
Prepared paint	621	5.5	2.4	7.7

Table 23: Frequency of Price Change and Substitution by Category in the PPI (cont.)

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Miscellaneous electrical mach and equip	1179	5.5	2.5	7.9
Truck and bus bodies	1413	5.6	2.9	8.3
Motors, generators, motor generator sets	1173	5.6	2.8	8.2
Internal combustion engines	1194	5.7	2.5	8.0
Motor vehicle parts	1412	5.7	2.8	8.3
Foundry and forge shop products	1015	5.7	2.4	8.0
Nonmetallic minerals and products, n.e.c.	1399	5.7	1.7	7.4
Other beverage materials	264	5.7	2.6	8.2
Iron ore	1011	5.8	1.5	7.2
Steam and hot water equipment	1061	5.8	1.9	7.6
Pressure sensitive products	916	5.9	2.6	8.3
Cigars	1522	5.9	2.5	8.2
Soap and synthetic detergents	671	5.9	2.7	8.4
Bedding	1214	5.9	3.1	8.8
Athletic footwear	437	5.9	2.2	8.0
Transportation equipment, n.e.c.	1491	6.0	2.5	8.3
Domestic heating stoves	1064	6.0	2.3	8.2
Musical instruments	1593	6.1	2.5	8.4
Paper industries machinery	1164	6.1	2.7	8.6
Pharmaceutical preparations	638	6.1	2.9	8.8
Transformers and power regulators	1174	6.3	2.0	8.2
Hardwood plywood veneer	834	6.3	2.3	8.5
Small arms and ammunition	1513	6.4	2.0	8.3
Public building furniture	1223	6.4	2.6	8.8
Truck trailers	1414	6.5	1.5	7.9
Barrels, drums, and pails	1032	6.5	3.9	10.2
Alcoholic beverages	261	6.6	2.0	8.4
Television receivers	1252	6.6	3.2	9.5
Aircraft engines and engine parts	1423	6.6	2.8	9.2
Hardware, n.e.c.	1041	6.7	2.6	9.1
Other sawmill & planing mill products	849	6.7	2.4	8.9
Agricultural machinery and equipment	1114	6.8	2.4	9.1
Wood pallets and skids	841	6.8	3.5	10.1
Tires, tubes, tread, & repair materials	712	6.9	2.4	9.2
Aircraft	1421	6.9	2.5	9.2
Structural clay products, n.e.c.	1345	6.9	2.6	9.4
Heat exchanges and condensers	1075	7.0	2.5	9.3
Other plastic products	729	7.2	3.4	10.3
Biological products	637	7.2	2.6	9.6
Pickles and pickle products	282	7.3	2.3	9.4
Specialty cleaning, polish. & san. prods.	672	7.3	2.5	9.5
Converted paper and paperboard products	915	7.3	2.5	9.7
Power driven hand tools	1132	7.4	1.8	9.0
Canned vegetables and juices	244	7.4	2.4	9.7
Caskets	1591	7.5	1.6	8.9
Power cranes, excavators and equipment	112B	7.5	1.6	8.9
Fabricated ferrous wire products	1088	7.5	2.2	9.5
Ships	1431	7.5	3.3	10.5

Table 23: Frequency of Price Change and Substitution by Category in the PPI (cont.)

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Mixers, pavers, spreaders etc.	112C	7.5	1.9	9.3
Metal doors, sash, and trim	1071	7.6	1.4	8.9
Finished lubricants	576	7.7	2.2	9.8
Slaughter ducks	143	7.8	1.0	8.8
Anthracite	511	8.0	2.5	10.3
Brick and structural clay tile	1342	8.0	2.3	10.1
Porch and lawn furniture	1215	8.0	1.8	9.7
Prefabricated metal buildings	1079	8.0	1.4	9.3
Other tobacco products	1523	8.1	2.7	10.6
Yarns	326	8.3	2.4	10.5
Off-highway equipment, excluding parts	112D	8.3	1.9	10.1
Tractors and attachments, excluding parts	112A	8.3	1.8	9.9
Textile fibers, yarns and fabrics, n.e.c.	391	8.4	2.4	10.6
Dental equipment and supplies	1565	8.4	2.4	10.6
Unprocessed filament yarns	315	8.4	3.2	11.4
Air conditioning and refrigeration equip	1148	8.4	2.6	10.9
Medical instruments and equipment	1562	8.5	1.8	10.1
Travel trailers and campers	1416	8.6	1.6	10.0
Concrete block and brick	1331	8.7	1.4	10.0
Packaged beverage materials	263	8.7	2.6	11.1
Prefabricated wood buildings & components	861	8.9	2.5	11.2
Nonferrous forage shop products	1027	9.1	3.0	11.8
Nonferrous foundry shop products	1028	9.2	2.1	11.0
Warm air furnaces	1062	9.3	1.8	10.9
Metal sanitary ware	1056	9.5	2.3	11.6
Stemmed and redried tobacco	1524	9.6	2.5	11.9
Manifold business forms	935	9.7	2.6	12.1
Metal cans and can components	1031	9.8	2.6	12.1
Prestressed concrete products	1335	10.2	2.9	12.8
Mirrors	1265	10.3	2.8	12.8
Flat glass	1311	10.4	2.6	12.7
Struct., arch., pre-eng. metal products	1074	10.5	2.4	12.6
Computer storage devices	1152	10.6	4.3	14.4
Other fabrics	339	10.8	2.8	13.3
Soft surface floor coverings	1231	10.8	2.1	12.6
Boats	1432	11.0	2.5	13.2
Book printing	934	11.0	1.9	12.7
Ready-mixed concrete	1333	11.3	1.5	12.6
Hardboard, particleboard & fiberboard prods.	922	11.3	2.3	13.3
Locomotives and parts	1441	11.5	2.4	13.6
Confectionery materials	254	11.9	2.4	14.0
Canned fruits and juices	241	12.0	2.3	14.0
Vitreous china fixtures	1052	12.1	1.6	13.5
Paving mixtures and blocks	1394	12.3	2.3	14.3
Corn oil	279	12.9	3.0	15.5
Mixed fertilizers	651	12.9	3.0	15.5
Other home electronic equipment	1258	13.2	5.8	18.2
Water heaters, domestic	1066	13.3	2.3	15.2

Table 23: Frequency of Price Change and Substitution by Category in the PPI (cont.)

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Paper	913	13.3	2.7	15.7
Building board, const. paper & felt stock	923	13.7	3.3	16.6
Basic inorganic chemicals	613	13.9	2.2	15.9
Misc. chemical prod. and preparations	679	14.9	2.2	16.8
Ice cream and frozen desserts	234	14.9	3.1	17.6
Construction machinery and equipment sold	1121	15.2	14.2	27.2
Plastic construction products	721	16.1	2.7	18.4
Cigarettes	1521	16.5	1.3	17.5
Thermosetting resins	663	16.8	3.1	19.4
Finished and unfinished leather	427	17.1	2.8	19.3
Unsupp. plastic film/sheet/other shapes	722	17.6	2.3	19.5
Mobile homes, nonresidential	1556	18.2	4.1	21.6
Treated wood and contract wood preserving	871	18.4	2.7	20.6
Cement	1322	18.4	1.3	19.4
Mobile homes, residential, double wide	1553	18.7	2.7	20.9
Plastic packaging	725	19.2	3.3	21.8
Mobile homes, residential, single wide	1552	19.2	2.8	21.5
Paint materials	622	19.7	2.7	21.9
Prefabricated structural members	822	20.6	1.9	22.1
Prep. asphalt & tar roofing & siding prod.	1361	21.4	2.6	23.4
Hardwood lumber	812	21.9	2.5	23.8
Frozen fruits, juices and ades	242	22.2	2.4	24.1
Broadwovens	342	22.4	2.7	24.5
Turbine generator sets and parts	1197	23.6	2.9	25.8
Paperboard	914	23.8	2.9	26.1
Commercial power, 40 kw demand	542	24.0	2.2	25.7
Electric lamps/bulbs and parts	1177	24.2	2.4	26.0
Bituminous coal and Lignite	512	24.7	2.6	26.6
Milled rice	213	25.0	2.8	27.0
Crude rubber	711	25.1	2.7	27.1
Blast and electric furnace products	1016	25.6	3.1	27.9
Residential electric power	541	25.6	2.2	27.3
Soft drinks	262	26.3	2.5	28.2
Nonferrous wire and cable	1026	26.9	3.3	29.4
Motor vehicles	1411	27.3	3.0	29.4
Logs, bolts, timber and pulpwood	851	27.6	2.8	29.6
Industrial power, 500 kw demand	543	28.6	2.1	30.1
Broadwovens	337	28.8	2.4	30.5
Electronic computers	1151	29.9	3.4	32.2
Frozen vegetables	245	30.5	2.2	32.0
Basic organic chemicals	614	30.7	2.8	32.7
Raw cane sugar	252	30.9	2.6	32.7
Insulation materials	1392	34.1	1.8	35.3
Steel mill products	1017	34.8	2.3	36.4
Flour and flour base mixes and doughs	212	37.7	3.1	39.6
Unprocessed and packaged fish	223	38.6	2.0	39.8
Other cereals	214	39.2	2.6	40.7
Condensed and evaporated milk	235	41.7	2.4	43.1

Table 23: Frequency of Price Change and Substitution by Category in the PPI (cont.)

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Refined sugar	253	42.2	2.5	43.7
Nonferrous mill shapes	1025	42.7	2.6	44.2
Nonferrous metal ores	1021	43.0	2.2	44.3
Wastepaper	912	43.1	1.7	44.0
Tree nuts	119	46.0	5.6	49.0
Thermoplastic resins	662	46.5	3.7	48.5
Commercial natural gas	552	46.6	2.1	47.7
Natural and processed cheese	233	47.4	2.4	48.7
Woodpulp	911	48.4	1.9	49.4
Residential natural gas	551	48.7	2.3	49.9
Processed poultry	222	49.7	2.7	51.0
Shortening and cooking oil	278	51.4	2.4	52.6
Meats	221	51.6	2.6	52.9
Miscellaneous feedstuffs	294	52.4	2.3	53.5
Domestic apparel wool	152	54.6	1.1	55.1
Softwood plywood veneer	833	55.2	2.7	56.4
Fertilizer materials	652	56.0	2.7	57.1
Secondary nonferrous metals	1024	59.4	2.6	60.5
Hides and skins, incl. cattle	419	59.9	2.6	61.0
Processed eggs	283	60.7	2.5	61.7
Fluid milk products	231	61.7	3.2	62.9
Industrial natural gas	553	61.7	2.3	62.6
Softwood lumber	811	61.9	2.4	62.8
Gypsum products	1371	64.9	2.8	65.9
Nonferrous scrap	1023	65.0	1.8	65.6
Iron and steel scrap	1012	66.9	2.0	67.6
Softwood plywood	831	68.2	2.3	68.9
Formula feeds	293	69.9	2.4	70.6
Animal fats and oils	271	71.9	2.0	72.4
Natural gas to electric utilities	554	75.6	3.4	76.4
Louisiana rough rice	123	76.2	3.3	77.0
Fats and oils, inedible	641	77.2	2.3	77.7
Vegetable cake and meal feeds	292	78.7	2.4	79.2
Lubricating oil materials	575	80.2	4.1	81.0
Other grains	122	84.1	1.3	84.3
Fresh and dried vegetables	113	87.5	2.2	87.8
Fresh fruits	111	88.7	3.3	89.1
Hay	181	92.7	1.0	92.8
Residual fuels	574	93.7	2.9	93.9
Primary nonferrous metals	1022	94.2	2.2	94.3
Oilseeds	183	94.6	1.5	94.7
Milk, manufacturing grade	162	94.8	1.0	94.8
Milk eligible for fluid use	161	94.8	1.0	94.8
Butter	232	95.3	2.3	95.4
Turkeys	142	96.0	1.1	96.1
Eggs	171	96.0	1.0	96.1
Lambs	133	96.1	2.0	96.2
Leaf tobacco	192	96.9	1.4	96.9

Table 23: Frequency of Price Change and Substitution by Category in the PPI (cont.)

Category Name	Product Code	Freq. Ch.	Freq. Sub	Ch.+Sub
Petroleum and coal products, n.e.c.	581	97.0	3.2	97.1
Cattle	131	98.3	1.3	98.3
Wheat	121	98.7	1.1	98.7
Crude petroleum (domestic production)	561	98.9	2.9	98.9
Hogs	132	99.3	1.7	99.3
Light fuel oils	573	99.5	2.7	99.5
Gasoline	571	99.5	3.7	99.5
Natural gas	531	99.6	3.1	99.6
Liquefied petroleum gas	532	99.7	3.1	99.7
Kerosene and jet fuels	572	100.0	2.8	100.0
Chickens	141	100.0	1.7	100.0
Raw cotton	151	100.0	1.0	100.0

Freq. Ch. Denotes the frequency of price change for identical products. Freq. Sub denotes the frequency of product substitution as a fraction of all price quotes. Ch. + Sub denotes the frequency of price change including price changes associated with product substitutions. All statistics are calculated by first calculating the mean frequency of price change within cell codes and then calculating the median frequency of price change within 4-digit product codes.

Table 24: Frequency of Permanent and Temporary Price Changes by ELI

	ELI	Frequency of Price Change			Probability of:				
		Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
MEN'S SUITS AND FORMAL WEAR	AA011	0.330	0.282	0.080	0.171	0.088	0.057	0.048	0.123
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	0.354	0.307	0.074	0.187	0.090	0.063	0.046	0.142
MEN'S OUTERWEAR	AA013	0.280	0.238	0.059	0.143	0.055	0.038	0.043	0.099
MEN'S UNDERWEAR	AA021	0.258	0.218	0.052	0.124	0.090	0.079	0.014	0.109
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	0.194	0.168	0.040	0.098	0.058	0.045	0.016	0.082
MEN'S SWIMSUITS	AA023	0.296	0.253	0.060	0.145	0.062	0.045	0.023	0.122
MEN'S SHIRTS	AA031	0.345	0.305	0.065	0.182	0.092	0.068	0.045	0.137
MEN'S SWEATERS AND VESTS	AA032	0.406	0.376	0.052	0.223	0.049	0.026	0.047	0.175
MEN'S PANTS AND SHORTS	AA041	0.343	0.289	0.082	0.167	0.102	0.074	0.044	0.123
BOYS' OUTERWEAR	AB011	0.340	0.297	0.065	0.157	0.049	0.026	0.026	0.131
BOYS' SHIRTS	AB012	0.310	0.272	0.054	0.144	0.054	0.039	0.031	0.113
BOYS' UNDERWEAR	AB013	0.194	0.163	0.041	0.096	0.061	0.051	0.021	0.075
BOYS' SUITS AND VESTS	AB014	0.269	0.228	0.061	0.130	0.078	0.058	0.019	0.112
BOYS' SWIMSUITS	AB015	0.567	0.514	0.082	0.274	0.077	0.048	0.087	0.188
WOMEN'S OUTERWEAR	AC011	0.302	0.264	0.058	0.139	0.039	0.019	0.028	0.111
WOMEN'S DRESSES	AC021	0.373	0.345	0.045	0.157	0.036	0.019	0.021	0.135
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	0.360	0.327	0.051	0.159	0.042	0.025	0.032	0.127
WOMEN'S SKIRTS	AC032	0.309	0.271	0.059	0.140	0.063	0.043	0.025	0.114
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	0.421	0.380	0.068	0.185	0.049	0.021	0.031	0.154
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	0.258	0.227	0.048	0.127	0.072	0.055	0.025	0.102
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	0.146	0.123	0.031	0.066	0.036	0.028	0.014	0.052
WOMEN'S SWIMSUITS	AC043	0.365	0.314	0.066	0.165	0.036	0.020	0.022	0.143
GIRLS' OUTERWEAR	AD011	0.554	0.513	0.057	0.249	0.041	0.026	0.062	0.187
GIRLS' DRESSES	AD012	0.447	0.410	0.063	0.189	0.047	0.021	0.047	0.142
GIRLS' SWEATERS	AD013	0.372	0.343	0.041	0.159	0.046	0.034	0.039	0.120
GIRLS' PANTS AND SHORTS	AD014	0.356	0.311	0.065	0.167	0.078	0.058	0.036	0.131
GIRLS' SWIMSUITS	AD015	0.589	0.519	0.101	0.310	0.070	0.039	0.085	0.225
GIRLS' UNDERWEAR	AD016	0.184	0.164	0.027	0.092	0.055	0.047	0.014	0.078
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	0.263	0.214	0.063	0.119	0.078	0.063	0.024	0.096
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	0.243	0.203	0.059	0.111	0.056	0.038	0.025	0.086
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	0.245	0.210	0.051	0.116	0.065	0.049	0.027	0.090
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	0.258	0.213	0.057	0.116	0.061	0.048	0.019	0.097

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

	ELI	Frequency of Price Change			Probability of:				
		Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
INFANTS' AND TODDLERS' OUTERWEAR	AF011	0.380	0.341	0.058	0.183	0.072	0.053	0.038	0.146
DIAPERS AND DIAPER LINERS	AF012	0.204	0.155	0.066	0.085	0.059	0.042	0.017	0.069
WATCHES	AG011	0.197	0.153	0.057	0.090	0.060	0.046	0.029	0.061
JEWELRY	AG021	0.209	0.169	0.057	0.099	0.058	0.041	0.035	0.064
COLLEGE TEXTBOOKS	EA011	0.127	0.062	0.071	0.053	0.014	0.007	0.040	0.013
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	0.056	0.027	0.031	0.013	0.010	0.008	0.004	0.010
ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS	EA013	0.074	0.061	0.024	0.031	0.018	0.007	0.009	0.022
FULL COLLEGE TUITION AND FIXED FEES	EB011	0.058	0.048	0.012	0.040	0.002	0.000	0.038	0.002
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021	0.064	0.048	0.015	0.174	0.000	0.000	0.174	0.000
DAY CARE AND NURSERY SCHOOL	EB031	0.069	0.012	0.060	0.009	0.004	0.001	0.007	0.002
TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES	EB041	0.091	0.025	0.073	0.015	0.009	0.003	0.011	0.003
FIRST CLASS MAIL	EC011	0.035	0.000	0.035	0.000	0.000	0.000	0.000	0.000
DELIVERY SERVICES	EC021	0.294	0.193	0.141	0.122	0.054	0.013	0.098	0.024
MAIN STATION CHARGES	ED011	0.283	0.168	0.178	0.101	0.066	0.003	0.057	0.044
INTERSTATE TELEPHONE SERVICES	ED021	0.413	0.300	0.152	0.231	0.060	0.022	0.051	0.179
CELLULAR TELEPHONES	ED031	0.125	0.100	0.035	0.083	0.016	0.005	0.027	0.055
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	0.347	0.291	0.079	0.131	0.040	0.017	0.028	0.104
COMPUTER SOFTWARE	EE021	0.108	0.064	0.053	0.034	0.020	0.012	0.008	0.025
OTHER INFORMATION SERVICES	EE031	0.022	0.006	0.017	0.004	0.002	0.001	0.001	0.002
TELEPHONES	EE041	0.174	0.118	0.066	0.055	0.031	0.021	0.011	0.044
CALCULATORS AND ADDING MACHINES	EE042	0.081	0.050	0.033	0.027	0.010	0.008	0.003	0.024
FLOUR	FA011	0.258	0.196	0.084	0.110	0.081	0.059	0.029	0.081
CEREAL	FA021	0.261	0.196	0.089	0.109	0.081	0.058	0.043	0.066
RICE	FA031	0.230	0.172	0.075	0.097	0.071	0.055	0.029	0.069
WHITE BREAD	FB011	0.237	0.179	0.076	0.099	0.075	0.058	0.028	0.071
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	0.156	0.109	0.056	0.058	0.045	0.036	0.019	0.039
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	0.131	0.088	0.050	0.046	0.036	0.030	0.016	0.031
COOKIES	FB032	0.321	0.255	0.089	0.143	0.104	0.082	0.051	0.092
CRACKERS	FB041	0.357	0.287	0.099	0.163	0.117	0.088	0.053	0.110
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	0.144	0.100	0.052	0.056	0.043	0.034	0.020	0.036
FROZEN BAKERY PROD & FROZEN/REFRIG DOUGHS/BATTERS	FB043	0.282	0.213	0.094	0.120	0.088	0.063	0.041	0.079

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

	Frequency of Price Change				Probability of:				
	ELI	Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	0.205	0.157	0.063	0.085	0.064	0.049	0.028	0.056
UNCOOKED GROUND BEEF	FC011	0.416	0.344	0.118	0.207	0.131	0.084	0.068	0.138
CHUCK ROAST	FC021	0.483	0.420	0.115	0.261	0.154	0.102	0.074	0.187
ROUND STEAK	FC031	0.470	0.405	0.120	0.250	0.148	0.093	0.076	0.175
OTHER BEEF	FC041	0.331	0.265	0.101	0.161	0.102	0.066	0.055	0.106
BACON AND RELATED PRODUCTS	FD011	0.340	0.268	0.113	0.161	0.105	0.064	0.062	0.099
HAM (EXCLUDING CANNED)	FD021	0.356	0.299	0.093	0.186	0.110	0.073	0.052	0.134
PORK CHOPS	FD031	0.502	0.439	0.119	0.275	0.161	0.105	0.080	0.195
PORK ROASTS	FD041	0.466	0.402	0.115	0.252	0.147	0.096	0.080	0.172
FRANKFURTERS	FE011	0.321	0.256	0.095	0.148	0.105	0.075	0.050	0.098
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	0.250	0.194	0.076	0.109	0.081	0.061	0.037	0.072
LAMB AND MUTTON	FE013	0.214	0.159	0.075	0.092	0.066	0.045	0.027	0.065
FRESH WHOLE CHICKEN	FF011	0.351	0.295	0.085	0.174	0.118	0.089	0.041	0.133
TURKEY (EXCLUDING CANNED)	FF021	0.259	0.209	0.071	0.124	0.082	0.062	0.036	0.088
FRESH FISH	FG011	0.362	0.297	0.099	0.181	0.117	0.083	0.058	0.123
CANNED FISH AND SEAFOOD	FG021	0.261	0.197	0.088	0.115	0.081	0.057	0.037	0.078
EGGS IN SHELL	FH011	0.519	0.453	0.122	0.326	0.117	0.061	0.145	0.181
FRESH WHOLE MILK (UNFLAVORED)	FJ011	0.373	0.290	0.137	0.185	0.093	0.038	0.096	0.090
CHEESE AND CHEESE PRODUCTS	FJ021	0.319	0.247	0.106	0.147	0.097	0.063	0.058	0.090
ICE CREAM AND RELATED PRODUCTS	FJ031	0.329	0.259	0.101	0.148	0.106	0.076	0.062	0.086
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	0.259	0.197	0.084	0.113	0.082	0.059	0.045	0.068
APPLES	FK011	0.385	0.313	0.113	0.190	0.122	0.081	0.059	0.131
BANANAS	FK021	0.290	0.244	0.067	0.139	0.104	0.083	0.052	0.087
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	0.397	0.335	0.118	0.221	0.115	0.059	0.097	0.124
OTHER FRESH FRUITS	FK041	0.618	0.558	0.134	0.379	0.170	0.096	0.161	0.218
POTATOES	FL011	0.407	0.333	0.125	0.206	0.125	0.074	0.076	0.130
LETTUCE	FL021	0.496	0.430	0.121	0.266	0.156	0.101	0.123	0.144
TOMATOES	FL031	0.598	0.527	0.143	0.345	0.167	0.094	0.152	0.193
OTHER FRESH VEGETABLES	FL041	0.434	0.368	0.114	0.230	0.131	0.083	0.092	0.137
CANNED FRUIT	FM011	0.262	0.200	0.085	0.115	0.084	0.062	0.043	0.072
FROZEN FRUITS	FM021	0.287	0.224	0.086	0.129	0.095	0.071	0.044	0.086
DRIED AND PROCESSED FRUIT	FM031	0.186	0.128	0.074	0.071	0.055	0.039	0.024	0.048
COLA DRINKS	FN011	0.387	0.319	0.108	0.190	0.123	0.083	0.071	0.119
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	0.272	0.206	0.090	0.118	0.086	0.063	0.039	0.079

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

	Frequency of Price Change				Probability of:				
	ELI	Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	0.294	0.229	0.091	0.131	0.093	0.067	0.049	0.082
ROASTED COFFEE	FP011	0.264	0.196	0.096	0.112	0.078	0.050	0.029	0.082
TEA	FP021	0.206	0.144	0.081	0.080	0.061	0.042	0.022	0.058
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	0.137	0.083	0.064	0.046	0.034	0.024	0.016	0.030
SUGAR AND ARTIFICIAL SWEETENERS	FR011	0.225	0.168	0.076	0.100	0.072	0.053	0.024	0.075
CANDY AND CHEWING GUM	FR021	0.149	0.108	0.049	0.060	0.047	0.038	0.021	0.039
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	0.231	0.175	0.074	0.100	0.075	0.057	0.030	0.069
BUTTER	FS011	0.383	0.311	0.121	0.193	0.115	0.065	0.084	0.109
SALAD DRESSING	FS021	0.278	0.217	0.086	0.123	0.091	0.067	0.044	0.079
PEANUT BUTTER	FS031	0.260	0.202	0.080	0.117	0.084	0.062	0.034	0.083
LARD AND SHORTENING	FS032	0.241	0.173	0.090	0.100	0.072	0.049	0.030	0.070
SOUP	FT011	0.234	0.174	0.080	0.099	0.072	0.052	0.040	0.059
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	0.316	0.255	0.086	0.144	0.103	0.078	0.057	0.088
POTATO CHIPS AND OTHER SNACKS	FT031	0.260	0.207	0.068	0.117	0.087	0.071	0.044	0.073
SALT AND OTHER SEASONINGS AND SPICES	FT041	0.161	0.111	0.063	0.062	0.049	0.035	0.017	0.045
OLIVES, PICKLES, RELISHES	FT042	0.247	0.193	0.071	0.113	0.082	0.065	0.034	0.079
SAUCES AND GRAVIES	FT043	0.232	0.174	0.077	0.098	0.071	0.052	0.033	0.065
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	0.187	0.130	0.074	0.075	0.053	0.036	0.020	0.055
BABY FOOD	FT051	0.189	0.120	0.085	0.065	0.049	0.032	0.027	0.038
PREPARED SALADS	FT061	0.168	0.121	0.056	0.061	0.052	0.042	0.014	0.048
SPANISH/MEXICAN FOODS	FT062	0.250	0.194	0.075	0.109	0.084	0.064	0.039	0.070
FULL SERVICE MEALS AND SNACKS	FV011	0.051	0.009	0.042	0.004	0.003	0.002	0.003	0.001
LIMITED SERVICE MEALS AND SNACKS	FV021	0.070	0.024	0.049	0.013	0.010	0.006	0.007	0.006
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	0.029	0.010	0.020	0.007	0.003	0.002	0.004	0.003
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SIMILAR ITEMS	FV041	0.017	0.002	0.015	0.001	0.000	0.000	0.001	0.000
BOARD	FV051	0.055	0.016	0.043	0.010	0.004	0.000	0.007	0.003
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	0.226	0.164	0.083	0.095	0.066	0.045	0.034	0.061
WHISKEY AT HOME	FW021	0.193	0.130	0.082	0.077	0.056	0.036	0.024	0.053
WINE AT HOME	FW031	0.193	0.145	0.062	0.083	0.058	0.044	0.023	0.060
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	0.052	0.020	0.035	0.011	0.007	0.005	0.005	0.006
CIGARETTES	GA011	0.335	0.226	0.161	0.137	0.087	0.035	0.073	0.064

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

	ELI	Frequency of Price Change			Probability of:				
		Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
CIGARS	GA021	0.132	0.057	0.085	0.031	0.022	0.012	0.015	0.016
COLORING	GB011	0.196	0.141	0.070	0.073	0.059	0.044	0.016	0.056
DENTAL PREPARATIONS	GB012	0.155	0.108	0.054	0.059	0.046	0.039	0.018	0.041
DEODORANT, ANTIPERSPIRANT	GB013	0.162	0.126	0.045	0.068	0.054	0.045	0.021	0.047
HAIR DRYER	GB014	0.158	0.132	0.029	0.070	0.055	0.051	0.004	0.066
LIPSTICK, GLOSS, ROUGE	GB021	0.099	0.069	0.033	0.039	0.028	0.024	0.006	0.033
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	0.031	0.007	0.025	0.004	0.003	0.002	0.003	0.001
LEGAL SERVICES	GD011	0.016	0.001	0.015	0.003	0.001	0.000	0.003	0.000
FUNERAL EXPENSES	GD021	0.088	0.024	0.073	0.010	0.009	0.000	0.007	0.004
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	0.033	0.011	0.024	0.005	0.004	0.003	0.002	0.003
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	0.038	0.011	0.030	0.006	0.004	0.000	0.002	0.004
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	0.040	0.016	0.026	0.006	0.006	0.005	0.003	0.004
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	0.054	0.020	0.038	0.011	0.007	0.002	0.004	0.007
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	0.035	0.012	0.024	0.006	0.005	0.003	0.002	0.004
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	0.051	0.016	0.041	0.023	0.006	0.000	0.014	0.009
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	0.028	0.003	0.027	0.005	0.002	0.000	0.005	0.000
STATIONERY	GE011	0.072	0.042	0.034	0.023	0.015	0.011	0.006	0.016
LUGGAGE	GE012	0.257	0.201	0.076	0.109	0.062	0.043	0.048	0.060
STROLLER	GE013	0.170	0.115	0.055	0.055	0.042	0.042	0.030	0.024
HOUSING AT SCHOOL, EXCLUDING BOARD RENTAL OF LODGING AWAY FROM HOME	HB011	0.048	0.039	0.008	0.046	0.000	0.000	0.042	0.003
TENANTS' INSURANCE	HD011	0.079	0.015	0.068	0.008	0.005	0.001	0.003	0.004
FUEL OIL	HE011	0.680	0.624	0.139	0.490	0.106	0.023	0.383	0.107
BOTTLED OR TANK GAS	HE021	0.378	0.305	0.132	0.216	0.074	0.016	0.158	0.059
ELECTRICITY	HF011	0.378	0.267	0.150	0.218	0.044	0.005	0.116	0.102
UTILITY NATURAL GAS SERVICE	HF021	0.723	0.660	0.110	0.590	0.053	0.006	0.349	0.240
WATER AND SEWERAGE SERVICE	HG011	0.107	0.027	0.089	0.013	0.010	0.001	0.008	0.006
GARBAGE/TRASH COLLECTION	HG021	0.089	0.031	0.063	0.022	0.008	0.003	0.016	0.006
ROOM SIZE RUGS	HH011	0.174	0.100	0.092	0.054	0.035	0.017	0.018	0.036
CURTAINS AND DRAPES	HH021	0.218	0.176	0.055	0.104	0.066	0.053	0.039	0.065
VENETIAN BLINDS	HH022	0.219	0.170	0.065	0.099	0.062	0.045	0.038	0.061
TOWELS, WASH CLOTHS, BATH MATS	HH031	0.368	0.308	0.083	0.181	0.126	0.103	0.044	0.138

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

	ELI	Frequency of Price Change			Probability of:				
		Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
BEDSPREADS	HH032	0.347	0.281	0.090	0.164	0.107	0.083	0.050	0.113
DISHCLOTHS AND DISHTOWELS	HH033	0.159	0.106	0.059	0.061	0.042	0.036	0.021	0.040
MATTRESSES AND SPRINGS	HJ011	0.230	0.189	0.066	0.116	0.056	0.032	0.039	0.078
BEDROOM CASE GOODS	HJ012	0.189	0.141	0.065	0.081	0.045	0.029	0.025	0.056
SOFAS OTHER THAN SOFA BEDS	HJ021	0.303	0.251	0.083	0.155	0.071	0.040	0.055	0.101
RECLINERS	HJ022	0.263	0.216	0.066	0.129	0.073	0.053	0.035	0.094
LIVING ROOM TABLES	HJ023	0.226	0.166	0.084	0.105	0.061	0.037	0.033	0.072
KITCHEN TABLE, CHAIR AND SETS	HJ024	0.266	0.213	0.074	0.128	0.067	0.045	0.040	0.088
CRIB AND MATTRESS	HJ031	0.098	0.062	0.037	0.035	0.024	0.023	0.004	0.031
CHAISE LOUNGE	HJ032	0.189	0.161	0.048	0.089	0.028	0.009	0.017	0.072
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	0.181	0.142	0.055	0.078	0.044	0.030	0.022	0.056
REFRIGERATOR	HK011	0.364	0.286	0.126	0.163	0.096	0.047	0.063	0.100
WASHERS	HK012	0.377	0.304	0.119	0.185	0.101	0.054	0.080	0.106
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	0.429	0.363	0.107	0.213	0.109	0.068	0.070	0.143
MICROWAVE OVENS	HK014	0.292	0.219	0.097	0.120	0.073	0.048	0.026	0.095
FLOOR CLEANING EQUIPMENT	HK021	0.256	0.214	0.066	0.117	0.068	0.044	0.029	0.088
BLENDERS	HK022	0.209	0.162	0.056	0.086	0.066	0.058	0.024	0.062
FAN	HK023	0.135	0.109	0.031	0.072	0.027	0.022	0.015	0.057
CEILING AND WALL LIGHTS	HL011	0.173	0.137	0.042	0.064	0.036	0.030	0.012	0.052
PAINTINGS AND PICTURES	HL012	0.153	0.120	0.040	0.062	0.037	0.031	0.014	0.048
INDOOR PLANTS	HL021	0.127	0.095	0.039	0.055	0.038	0.032	0.025	0.030
PLASTIC DINNERWARE	HL031	0.239	0.193	0.063	0.110	0.073	0.055	0.037	0.073
FLATWARE	HL032	0.233	0.186	0.078	0.111	0.075	0.044	0.027	0.084
NONELECTRIC COOKINGWARE	HL041	0.177	0.141	0.047	0.071	0.052	0.042	0.022	0.049
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	0.126	0.093	0.038	0.048	0.037	0.032	0.013	0.034
PAINT	HM011	0.161	0.110	0.064	0.059	0.046	0.033	0.018	0.042
PORTABLE SANDING/POLISHING TOOLS	HM012	0.161	0.121	0.047	0.066	0.047	0.040	0.008	0.058
ROPE	HM013	0.092	0.051	0.047	0.028	0.020	0.015	0.007	0.021
GENERAL PURPOSE AND AUTO LARGE EQUIPMENT, POWERED	HM014	0.046	0.030	0.021	0.014	0.011	0.007	0.002	0.011
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN INSECTICIDES	HM021	0.185	0.134	0.068	0.068	0.039	0.022	0.022	0.047
SOAPS AND DETERGENTS	HM022	0.087	0.050	0.040	0.028	0.018	0.015	0.007	0.022
UTILITY PAIL	HN011	0.217	0.155	0.079	0.085	0.066	0.048	0.025	0.060
HOUSEHOLD PAPER PRODUCTS	HN012	0.089	0.069	0.023	0.036	0.025	0.022	0.010	0.026
	HN021	0.249	0.188	0.079	0.104	0.075	0.057	0.037	0.067

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

	ELI	Frequency of Price Change			Probability of:				
		Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	0.194	0.149	0.060	0.083	0.059	0.045	0.027	0.056
DOMESTIC SERVICES	HP011	0.043	0.011	0.034	0.005	0.005	0.003	0.005	0.000
GARDENING OR LAWN CARE SERVICES	HP021	0.079	0.021	0.066	0.016	0.010	0.001	0.012	0.004
MOVING, STORAGE, FREIGHT EXPRESS	HP031	0.107	0.050	0.069	0.031	0.016	0.004	0.018	0.013
APPLIANCE REPAIR	HP041	0.113	0.043	0.079	0.026	0.009	0.000	0.021	0.006
REUPHOLSTERY OF FURNITURE	HP042	0.084	0.030	0.062	0.019	0.012	0.004	0.010	0.010
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	0.112	0.047	0.077	0.039	0.016	0.004	0.015	0.024
PRESCRIPTION DRUGS	MA011	0.151	0.056	0.107	0.030	0.020	0.007	0.016	0.013
INTERNAL AND RESPIRATORY OVER-THE-COUNTER DRUGS	MB011	0.156	0.105	0.062	0.057	0.042	0.030	0.011	0.046
TOPICALS AND DRESSINGS	MB021	0.119	0.073	0.052	0.038	0.030	0.023	0.010	0.028
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	0.153	0.101	0.057	0.053	0.042	0.037	0.003	0.050
SUPPORTIVE MEDICAL EQUIPMENT	MB023	0.087	0.053	0.039	0.029	0.020	0.015	0.009	0.020
GENERAL MEDICAL PRACTICE	MC011	0.033	0.014	0.022	0.007	0.004	0.002	0.003	0.003
PROSTHODONTICS AND IMPLANTS	MC021	0.045	0.008	0.037	0.003	0.001	0.001	0.002	0.001
OPTOMETRISTS/OPTICIANS	MC031	0.111	0.071	0.050	0.042	0.022	0.012	0.018	0.024
PHYSICAL MEDICINE	MC041	0.024	0.007	0.018	0.002	0.001	0.001	0.001	0.001
HOSPITAL SERVICES	MD011	0.062	0.012	0.054	0.009	0.003	0.000	0.007	0.002
NURSING AND CONVALESCENT HOME CARE	MD021	0.057	0.007	0.051	0.003	0.002	0.001	0.002	0.001
TELEVISIONS	RA011	0.311	0.253	0.083	0.136	0.065	0.040	0.023	0.113
COMMUNITY ANTENNA OR CABLE TV	RA021	0.128	0.046	0.094	0.023	0.014	0.001	0.012	0.010
OTHER VIDEO EQUIPMENT	RA031	0.269	0.217	0.069	0.113	0.056	0.038	0.013	0.100
PRERECORDED - VIDEO TAPES AND DISCS	RA041	0.117	0.069	0.054	0.037	0.022	0.016	0.008	0.028
RENTAL OF VIDEO TAPES AND DISCS	RA042	0.100	0.043	0.062	0.022	0.016	0.010	0.010	0.012
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	0.226	0.184	0.054	0.098	0.053	0.041	0.016	0.081
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	0.118	0.079	0.044	0.043	0.031	0.025	0.007	0.036
DOG FOOD	RB011	0.215	0.168	0.066	0.098	0.070	0.052	0.029	0.068
DOGS	RB012	0.071	0.040	0.033	0.021	0.016	0.013	0.006	0.016
PET SERVICES	RB021	0.058	0.013	0.049	0.005	0.005	0.001	0.004	0.001
VETERINARIAN SERVICES	RB022	0.087	0.024	0.070	0.010	0.008	0.001	0.008	0.002
OUTBOARD MOTORS GASOLINE POWERED	RC011	0.108	0.051	0.069	0.033	0.015	0.004	0.016	0.018
UNPOWERED BOATS	RC012	0.166	0.100	0.066	0.050	0.034	0.034	0.016	0.034
BICYCLES AND ACCESSORIES	RC013	0.138	0.089	0.061	0.041	0.028	0.015	0.004	0.037
EXERCISE EQUIPMENT	RC021	0.144	0.106	0.046	0.057	0.035	0.027	0.012	0.045

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

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STILL CAMERA	RD012	0.191	0.140	0.069	0.075	0.038	0.020	0.020	0.056
PHOTOGRAPHER'S FEES	RD021	0.095	0.038	0.068	0.018	0.011	0.001	0.013	0.005
FILM PROCESSING	RD022	0.106	0.056	0.061	0.029	0.021	0.011	0.007	0.021
DOLLS AND DOLL CLOTHING	RE011	0.086	0.056	0.032	0.027	0.015	0.012	0.004	0.022
VIDEO GAME HARDWARE	RE012	0.132	0.066	0.070	0.029	0.018	0.013	0.004	0.024
MATERIALS FOR MAKING SLIPCOVERS,UPHOLSTERY,CURTAINS & DRAPERIES	RE021	0.127	0.099	0.035	0.053	0.038	0.031	0.008	0.045
STRING INSTRUMENTS	RE031	0.092	0.044	0.054	0.021	0.014	0.009	0.006	0.016
CLUB MEMBERSHIP DUES	RF011	0.126	0.059	0.076	0.040	0.021	0.012	0.015	0.025
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS	RF021	0.091	0.029	0.069	0.020	0.011	0.004	0.013	0.007
ADMISSION TO SPORTING EVENTS	RF022	0.058	0.036	0.031	0.063	0.016	0.008	0.040	0.023
FEES FOR LESSONS OR INSTRUCTIONS	RF031	0.036	0.006	0.031	0.010	0.001	0.001	0.008	0.002
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	0.056	0.034	0.025	0.019	0.014	0.012	0.013	0.005
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	0.058	0.027	0.034	0.016	0.011	0.008	0.006	0.010
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	0.102	0.045	0.063	0.025	0.013	0.007	0.012	0.013
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	0.054	0.030	0.026	0.016	0.009	0.007	0.006	0.010
SUBCOMPACT CARS	TA011	0.313	0.224	0.134	0.131	0.056	0.011	0.034	0.097
NEW MOTORCYCLES	TA012	0.075	0.044	0.038	0.032	0.011	0.004	0.010	0.022
USED CARS	TA021	1.000	1.000	0.000	0.850	0.000	0.000	0.483	0.367
VEHICLE LEASING	TA031	0.424	0.352	0.127	0.238	0.059	0.003	0.112	0.126
AUTOMOBILE RENTAL	TA041	0.561	0.500	0.121	0.371	0.093	0.032	0.202	0.170
REGULAR UNLEADED GASOLINE	TB011	0.886	0.866	0.101	0.717	0.123	0.042	0.481	0.236
MIDGRADE UNLEADED GASOLINE	TB012	0.876	0.853	0.106	0.703	0.124	0.041	0.471	0.232
PREMIUM UNLEADED GASOLINE	TB013	0.870	0.846	0.109	0.695	0.126	0.041	0.461	0.233
AUTOMOTIVE DIESEL FUEL	TB021	0.671	0.615	0.152	0.467	0.127	0.031	0.337	0.130
ALTERNATIVE AUTOMOTIVE FUELS	TB022	0.237	0.127	0.127	0.075	0.022	0.004	0.057	0.018
TIRES	TC011	0.296	0.203	0.137	0.122	0.069	0.024	0.054	0.068
AUTOMOBILE BATTERIES	TC021	0.110	0.063	0.056	0.033	0.022	0.013	0.013	0.020
MOTOR OIL	TC022	0.154	0.087	0.081	0.048	0.036	0.023	0.017	0.032
PAINTING ENTIRE MOTOR VEHICLE	TD011	0.144	0.073	0.085	0.037	0.018	0.004	0.022	0.016
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	0.111	0.057	0.062	0.028	0.012	0.004	0.017	0.011

Table 24: Frequency of Permanent and Temporary Price Changes by ELI (cont.)

	ELI	Frequency of Price Change			Probability of:				
		Overall	Temp.	Regular	Temp. Price	Y.Temp.- Today.Reg	Return to Old Price	Above Reg	Below Reg
CLUTCH REPAIR	TD031	0.168	0.089	0.098	0.045	0.024	0.005	0.027	0.017
PARKING FEES	TF031	0.029	0.008	0.022	0.004	0.003	0.002	0.003	0.001
AUTOMOBILE SERVICE CLUBS	TF032	0.076	0.038	0.043	0.022	0.016	0.010	0.007	0.015
AIRLINE FARE	TG011	0.598	0.533	0.137	0.409	0.106	0.033	0.236	0.173
INTERCITY BUS FARE	TG021	0.279	0.185	0.135	0.113	0.072	0.032	0.079	0.034
INTERCITY TRAIN FARE	TG022	0.241	0.132	0.131	0.075	0.045	0.024	0.039	0.036
SHIP FARES	TG023	0.298	0.217	0.129	0.136	0.058	0.009	0.070	0.066
INTRACITY MASS TRANSIT	TG031	0.023	0.002	0.022	0.000	0.000	0.000	0.000	0.000
TAXI FARE	TG032	0.044	0.011	0.034	0.005	0.003	0.002	0.003	0.001

Here we present three frequencies of price change. "Overall" is the fraction of periods when the price is different from the price in the previous period. The rest of the variables in the table are based on the notion of regular price derived from the algorithm described in appendix B. "Temp" is the fraction of periods in which the price changes and either the past or current posted price is not equal to the past or current regular price. "Regular" is the fraction of periods in which the regular price changes. "Temp.Price" is the fraction of periods with temporary prices, i.e., in which the posted price is not equal to the regular price. "Y.Temp - Today.Reg" is the fraction of periods in which the previous month's price was temporary, and the current month's price is regular. "Return to Old Price" is the fraction of periods in which the previous month's price was temporary, and the current month's price is equal to the previous regular price. "Above Reg" is the fraction of periods in which the posted price is above the regular price. "Below Reg" is the fraction of periods in which the posted price is below the regular.

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
MEN'S SUITS AND FORMAL WEAR	AA011	0.015	0.021	0.011	0.034	0.702	0.093	0.009	0.067	0.047
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	0.014	0.021	0.011	0.032	0.672	0.108	0.008	0.069	0.065
MEN'S OUTERWEAR	AA013	0.017	0.017	0.009	0.025	0.727	0.105	0.007	0.038	0.054
MEN'S UNDERWEAR	AA021	0.005	0.008	0.002	0.012	0.771	0.094	0.001	0.082	0.027
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	0.006	0.008	0.002	0.008	0.823	0.070	0.003	0.050	0.029
MEN'S SWIMSUITS	AA023	0.009	0.011	0.003	0.015	0.707	0.133	0.001	0.050	0.071
MEN'S SHIRTS	AA031	0.016	0.020	0.008	0.026	0.676	0.116	0.008	0.072	0.058
MEN'S SWEATERS AND VESTS	AA032	0.027	0.009	0.012	0.013	0.579	0.186	0.004	0.040	0.132
MEN'S PANTS AND SHORTS	AA041	0.011	0.028	0.005	0.033	0.694	0.107	0.006	0.074	0.043
BOYS' OUTERWEAR	AB011	0.007	0.013	0.007	0.016	0.670	0.157	0.000	0.036	0.095
BOYS' SHIRTS	AB012	0.013	0.010	0.008	0.020	0.701	0.135	0.002	0.045	0.067
BOYS' UNDERWEAR	AB013	0.007	0.013	0.001	0.017	0.823	0.065	0.004	0.048	0.024
BOYS' SUITS AND VESTS	AB014	0.004	0.011	0.003	0.014	0.757	0.099	0.003	0.067	0.042
BOYS' SWIMSUITS	AB015	0.024	0.024	0.038	0.048	0.457	0.221	0.000	0.053	0.135
WOMEN'S OUTERWEAR	AC011	0.011	0.009	0.008	0.021	0.702	0.139	0.004	0.030	0.077
WOMEN'S DRESSES	AC021	0.008	0.006	0.007	0.024	0.626	0.194	0.002	0.030	0.103
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	0.014	0.009	0.009	0.022	0.637	0.182	0.003	0.033	0.091
WOMEN'S SKIRTS	AC032	0.010	0.010	0.005	0.023	0.704	0.134	0.002	0.053	0.059
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	0.007	0.010	0.014	0.030	0.587	0.198	0.002	0.039	0.113
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	0.008	0.012	0.005	0.019	0.760	0.095	0.003	0.060	0.039
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	0.007	0.004	0.003	0.011	0.868	0.055	0.002	0.032	0.018
WOMEN'S SWIMSUITS	AC043	0.014	0.004	0.003	0.008	0.654	0.173	0.000	0.031	0.112
GIRLS' OUTERWEAR	AD011	0.031	0.010	0.021	0.036	0.420	0.295	0.005	0.031	0.150
GIRLS' DRESSES	AD012	0.023	0.014	0.011	0.028	0.548	0.235	0.005	0.033	0.103
GIRLS' SWEATERS	AD013	0.018	0.007	0.014	0.030	0.627	0.185	0.006	0.039	0.075
GIRLS' PANTS AND SHORTS	AD014	0.008	0.019	0.009	0.031	0.668	0.134	0.006	0.059	0.067
GIRLS' SWIMSUITS	AD015	0.047	0.016	0.023	0.054	0.426	0.209	0.000	0.054	0.171
GIRLS' UNDERWEAR	AD016	0.004	0.008	0.003	0.011	0.821	0.075	0.002	0.047	0.029
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	0.006	0.015	0.003	0.020	0.770	0.090	0.003	0.063	0.030
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	0.007	0.012	0.005	0.022	0.775	0.093	0.002	0.044	0.040
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	0.010	0.013	0.003	0.023	0.767	0.094	0.003	0.051	0.035

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
WOMEN'S DRESS AND CASUAL SHOES AND										
BOOTS	AE031	0.005	0.011	0.004	0.020	0.765	0.099	0.002	0.050	0.044
INFANTS' AND TODDLERS' OUTERWEAR	AF011	0.013	0.013	0.011	0.028	0.633	0.156	0.006	0.059	0.081
DIAPERS AND DIAPER LINERS	AF012	0.004	0.009	0.004	0.016	0.836	0.062	0.002	0.050	0.016
WATCHES	AG011	0.006	0.021	0.002	0.025	0.832	0.053	0.003	0.039	0.019
JEWELRY	AG021	0.011	0.019	0.005	0.025	0.819	0.058	0.004	0.039	0.021
COLLEGE TEXTBOOKS	EA011	0.031	0.008	0.001	0.031	0.906	0.011	0.001	0.006	0.006
ELEMENTARY AND HIGH SCHOOL BOOKS										
AND SUPPLIES	EA012	0.000	0.004	0.000	0.010	0.969	0.008	0.000	0.006	0.004
ENCYCLOPEDIAS AND OTHER SETS OF										
REFERENCE BOOKS	EA013	0.000	0.009	0.000	0.011	0.936	0.022	0.000	0.009	0.013
FULL COLLEGE TUITION AND FIXED FEES	EB011	0.037	0.002	0.000	0.038	0.917	0.005	0.000	0.000	0.002
ELEMENTARY AND HIGH SCHOOL TUITION										
AND FIXED FEES	EB021	0.174	0.000	0.000	0.036	0.784	0.006	0.000	0.000	0.000
DAY CARE AND NURSERY SCHOOL	EB031	0.004	0.003	0.000	0.005	0.984	0.002	0.000	0.001	0.001
TECHNICAL AND BUSINESS SCHOOL TUITION										
AND FIXED FEES	EB041	0.004	0.007	0.000	0.011	0.971	0.004	0.000	0.002	0.001
FIRST CLASS MAIL	EC011	0.000	0.000	0.000	0.000	1.000	0.000	0.000	0.000	0.000
DELIVERY SERVICES	EC021	0.051	0.043	0.004	0.056	0.804	0.017	0.005	0.011	0.008
MAIN STATION CHARGES	ED011	0.017	0.037	0.003	0.042	0.824	0.032	0.003	0.029	0.012
INTERSTATE TELEPHONE SERVICES	ED021	0.022	0.019	0.011	0.024	0.692	0.054	0.008	0.042	0.129
CELLULAR TELEPHONES	ED031	0.016	0.004	0.007	0.007	0.897	0.013	0.006	0.012	0.037
PERSONAL COMPUTERS AND PERIPHERAL										
EQUIPMENT	EE011	0.009	0.011	0.007	0.045	0.685	0.139	0.006	0.029	0.068
COMPUTER SOFTWARE	EE021	0.004	0.004	0.000	0.010	0.928	0.028	0.001	0.016	0.008
OTHER INFORMATION SERVICES	EE031	0.001	0.000	0.000	0.003	0.992	0.001	0.000	0.001	0.001
TELEPHONES	EE041	0.001	0.008	0.001	0.019	0.870	0.056	0.001	0.023	0.020
CALCULATORS AND ADDING MACHINES	EE042	0.001	0.001	0.001	0.008	0.940	0.025	0.001	0.009	0.014
FLOUR	FA011	0.005	0.020	0.003	0.027	0.794	0.069	0.003	0.060	0.018
CEREAL	FA021	0.007	0.032	0.004	0.040	0.796	0.055	0.004	0.049	0.013
RICE	FA031	0.005	0.021	0.003	0.027	0.818	0.057	0.003	0.050	0.016
WHITE BREAD	FB011	0.005	0.020	0.003	0.027	0.814	0.060	0.003	0.055	0.013
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	0.003	0.015	0.001	0.020	0.886	0.036	0.002	0.030	0.007
CAKES AND CUPCAKES (EXCLUDING										
FROZEN)	FB031	0.003	0.012	0.001	0.017	0.908	0.029	0.001	0.025	0.005
COOKIES	FB032	0.010	0.037	0.005	0.044	0.736	0.076	0.005	0.068	0.019
CRACKERS	FB041	0.010	0.038	0.005	0.045	0.701	0.091	0.006	0.078	0.026
SWEETROLLS, COFFEE CAKE AND										
DOUGHNUTS (EXCLUDING FROZEN)	FB042	0.004	0.016	0.001	0.020	0.893	0.031	0.001	0.027	0.008

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
FROZEN BAKERY PROD & FROZEN/REFRIG										
DOUGHS/BATTERS	FB043	0.006	0.031	0.004	0.037	0.777	0.065	0.004	0.057	0.018
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	0.006	0.020	0.003	0.030	0.834	0.051	0.002	0.044	0.010
UNCOOKED GROUND BEEF	FC011	0.019	0.040	0.010	0.047	0.645	0.101	0.010	0.091	0.037
CHUCK ROAST	FC021	0.021	0.039	0.014	0.046	0.567	0.126	0.014	0.116	0.057
ROUND STEAK	FC031	0.023	0.040	0.013	0.049	0.582	0.119	0.013	0.107	0.054
OTHER BEEF	FC041	0.016	0.033	0.006	0.039	0.721	0.079	0.007	0.069	0.031
BACON AND RELATED PRODUCTS	FD011	0.016	0.039	0.007	0.045	0.721	0.073	0.007	0.066	0.026
HAM (EXCLUDING CANNED)	FD021	0.015	0.028	0.009	0.037	0.681	0.095	0.008	0.082	0.044
PORK CHOPS	FD031	0.023	0.043	0.014	0.050	0.548	0.128	0.014	0.118	0.063
PORK ROASTS	FD041	0.024	0.043	0.013	0.050	0.583	0.115	0.013	0.104	0.055
FRANKFURTERS	FE011	0.009	0.035	0.006	0.041	0.735	0.076	0.006	0.070	0.022
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)										
LAMB AND MUTTON	FE013	0.006	0.019	0.002	0.022	0.831	0.055	0.004	0.047	0.014
FRESH WHOLE CHICKEN	FF011	0.009	0.025	0.007	0.031	0.693	0.102	0.007	0.093	0.034
TURKEY (EXCLUDING CANNED)	FF021	0.011	0.021	0.004	0.029	0.775	0.071	0.003	0.061	0.023
FRESH FISH	FG011	0.016	0.035	0.007	0.042	0.685	0.092	0.007	0.082	0.033
CANNED FISH AND SEAFOOD	FG021	0.007	0.026	0.004	0.032	0.790	0.063	0.004	0.055	0.019
EGGS IN SHELL	FH011	0.070	0.049	0.027	0.059	0.538	0.077	0.026	0.068	0.086
FRESH WHOLE MILK (UNFLAVORED)	FJ011	0.038	0.049	0.009	0.060	0.699	0.056	0.010	0.044	0.035
CHEESE AND CHEESE PRODUCTS	FJ021	0.014	0.037	0.006	0.043	0.742	0.068	0.007	0.060	0.023
ICE CREAM AND RELATED PRODUCTS	FJ031	0.011	0.045	0.006	0.052	0.731	0.070	0.006	0.061	0.019
POWDERED/EVAPORATED/CONDENSED										
MILK	FJ041	0.009	0.033	0.003	0.039	0.792	0.056	0.004	0.049	0.015
APPLES	FK011	0.015	0.036	0.008	0.044	0.670	0.096	0.007	0.086	0.038
BANANAS	FK021	0.009	0.039	0.004	0.043	0.747	0.071	0.005	0.064	0.018
ORANGES, MANDARINS (TANGERINES) AND										
TANGELOS	FK031	0.038	0.048	0.011	0.057	0.645	0.077	0.011	0.067	0.046
OTHER FRESH FRUITS	FK041	0.065	0.068	0.028	0.084	0.423	0.113	0.025	0.102	0.091
POTATOES	FL011	0.023	0.044	0.009	0.050	0.654	0.089	0.009	0.081	0.040
LETTUCE	FL021	0.036	0.069	0.017	0.077	0.557	0.100	0.016	0.087	0.041
TOMATOES	FL031	0.058	0.070	0.024	0.083	0.459	0.113	0.024	0.097	0.072
OTHER FRESH VEGETABLES	FL041	0.027	0.052	0.013	0.061	0.620	0.089	0.013	0.079	0.045
CANNED FRUIT	FM011	0.008	0.032	0.003	0.036	0.790	0.059	0.004	0.053	0.015
FROZEN FRUITS	FM021	0.008	0.031	0.004	0.037	0.765	0.070	0.004	0.063	0.018
DRIED AND PROCESSED FRUIT	FM031	0.004	0.018	0.001	0.022	0.864	0.043	0.001	0.037	0.009
COLA DRINKS	FN011	0.018	0.044	0.009	0.052	0.670	0.089	0.009	0.079	0.031

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
TEA	FP021	0.003	0.017	0.002	0.022	0.849	0.049	0.001	0.043	0.013
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	0.003	0.012	0.001	0.017	0.911	0.026	0.001	0.022	0.007
SUGAR AND ARTIFICIAL SWEETENERS	FR011	0.004	0.017	0.003	0.021	0.821	0.059	0.003	0.055	0.018
CANDY AND CHEWING GUM	FR021	0.003	0.017	0.001	0.021	0.885	0.034	0.001	0.030	0.007
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	0.005	0.023	0.002	0.028	0.815	0.058	0.003	0.052	0.015
BUTTER	FS011	0.032	0.045	0.007	0.050	0.677	0.079	0.008	0.070	0.031
SALAD DRESSING	FS021	0.007	0.033	0.004	0.038	0.774	0.064	0.004	0.058	0.016
PEANUT BUTTER	FS031	0.007	0.024	0.003	0.028	0.788	0.067	0.004	0.060	0.018
LARD AND SHORTENING	FS032	0.006	0.020	0.003	0.025	0.818	0.057	0.003	0.052	0.015
SOUP	FT011	0.006	0.030	0.003	0.036	0.817	0.048	0.003	0.042	0.014
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	0.011	0.040	0.005	0.048	0.735	0.073	0.006	0.063	0.019
POTATO CHIPS AND OTHER SNACKS	FT031	0.008	0.033	0.003	0.039	0.783	0.061	0.004	0.054	0.016
SALT AND OTHER SEASONINGS AND SPICES	FT041	0.002	0.014	0.001	0.016	0.883	0.040	0.001	0.035	0.009
OLIVES, PICKLES, RELISHES	FT042	0.005	0.027	0.003	0.031	0.795	0.060	0.004	0.056	0.019
SAUCES AND GRAVIES	FT043	0.006	0.024	0.003	0.031	0.816	0.055	0.003	0.047	0.016
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	0.004	0.015	0.002	0.020	0.860	0.045	0.002	0.038	0.014
BABY FOOD	FT051	0.005	0.021	0.001	0.029	0.872	0.034	0.001	0.028	0.009
PREPARED SALADS	FT061	0.002	0.010	0.001	0.016	0.876	0.046	0.000	0.041	0.006
SPANISH/MEXICAN FOODS	FT062	0.006	0.031	0.002	0.035	0.795	0.060	0.003	0.053	0.015
FULL SERVICE MEALS AND SNACKS	FV011	0.001	0.002	0.000	0.005	0.990	0.001	0.000	0.001	0.000
LIMITED SERVICE MEALS AND SNACKS	FV021	0.001	0.006	0.000	0.008	0.974	0.005	0.000	0.004	0.002
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	0.003	0.001	0.000	0.005	0.986	0.002	0.000	0.001	0.002
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SI MILAR ITEMS	FV041	0.000	0.000	0.000	0.001	0.997	0.001	0.000	0.000	0.000
BOARD	FV051	0.003	0.003	0.000	0.007	0.980	0.003	0.000	0.001	0.002
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	0.006	0.023	0.005	0.030	0.829	0.046	0.005	0.043	0.014
WHISKEY AT HOME	FW021	0.006	0.016	0.001	0.018	0.861	0.044	0.001	0.040	0.012
WINE AT HOME	FW031	0.005	0.016	0.002	0.022	0.844	0.051	0.001	0.042	0.017
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	0.001	0.004	0.000	0.007	0.978	0.005	0.000	0.003	0.002
CIGARETTES	GA011	0.020	0.047	0.006	0.052	0.764	0.047	0.007	0.041	0.016
CIGARS	GA021	0.003	0.011	0.000	0.017	0.938	0.014	0.001	0.011	0.004
COLORING	GB011	0.001	0.014	0.001	0.018	0.856	0.054	0.003	0.045	0.008

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
DENTAL PREPARATIONS	GB012	0.002	0.016	0.000	0.018	0.886	0.037	0.003	0.030	0.009
DEODORANT, ANTIPERSPIRANT	GB013	0.003	0.016	0.003	0.022	0.868	0.042	0.002	0.039	0.006
HAIR DRYER	GB014	0.000	0.004	0.000	0.004	0.857	0.070	0.000	0.051	0.015
LIPSTICK, GLOSS, ROUGE	GB021	0.001	0.004	0.000	0.007	0.926	0.028	0.000	0.024	0.009
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	0.001	0.002	0.000	0.003	0.991	0.002	0.000	0.001	0.000
LEGAL SERVICES	GD011	0.002	0.001	0.000	0.001	0.996	0.000	0.000	0.000	0.000
FUNERAL EXPENSES	GD021	0.001	0.006	0.000	0.010	0.976	0.004	0.000	0.003	0.000
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	0.000	0.002	0.000	0.002	0.989	0.003	0.000	0.002	0.001
SHOE REPAIR AND OTHER SHOE SERVICES WOMEN'S AND GIRLS' CLOTHING	GD041	0.000	0.002	0.000	0.004	0.987	0.004	0.000	0.002	0.002
ALTERATIONS AND REPAIRS	GD042	0.000	0.003	0.000	0.005	0.984	0.005	0.000	0.003	0.000
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	0.001	0.003	0.000	0.004	0.977	0.009	0.001	0.004	0.003
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	0.000	0.002	0.000	0.003	0.987	0.004	0.001	0.003	0.001
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	0.009	0.006	0.000	0.005	0.970	0.002	0.001	0.001	0.007
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	0.003	0.002	0.000	0.003	0.991	0.000	0.000	0.000	0.000
STATIONERY	GE011	0.002	0.004	0.000	0.007	0.952	0.018	0.000	0.010	0.005
LUGGAGE	GE012	0.014	0.032	0.003	0.043	0.776	0.073	0.004	0.030	0.026
STROLLER	GE013	0.000	0.024	0.006	0.030	0.885	0.030	0.000	0.018	0.006
HOUSING AT SCHOOL, EXCLUDING BOARD RENTAL OF LODGING AWAY FROM HOME	HB011	0.042	0.000	0.000	0.034	0.918	0.002	0.000	0.000	0.003
TENANTS' INSURANCE	HB021	0.056	0.048	0.014	0.060	0.651	0.062	0.015	0.047	0.048
FUEL OIL	HD011	0.000	0.003	0.000	0.006	0.982	0.004	0.000	0.002	0.002
BOTTLED OR TANK GAS	HE011	0.306	0.066	0.011	0.084	0.370	0.056	0.019	0.041	0.047
ELECTRICITY	HE021	0.105	0.047	0.005	0.059	0.689	0.035	0.008	0.027	0.024
UTILITY NATURAL GAS SERVICE	HF011	0.084	0.020	0.012	0.027	0.723	0.032	0.013	0.024	0.066
WATER AND SEWERAGE SERVICE	HF021	0.295	0.031	0.023	0.038	0.337	0.035	0.033	0.022	0.185
GARBAGE/TRASH COLLECTION	HG011	0.002	0.005	0.000	0.008	0.972	0.006	0.000	0.005	0.001
ROOM SIZE RUGS	HG021	0.010	0.005	0.000	0.007	0.967	0.004	0.001	0.002	0.002
CURTAINS AND DRAPES	HH011	0.004	0.012	0.002	0.023	0.892	0.032	0.002	0.023	0.011
VENETIAN BLINDS	HH021	0.007	0.028	0.004	0.028	0.816	0.052	0.008	0.038	0.019
TOWELS, WASH CLOTHS, BATH MATS	HH022	0.013	0.021	0.005	0.025	0.820	0.057	0.003	0.041	0.017
BEDSPREADS	HH031	0.006	0.031	0.006	0.036	0.675	0.108	0.006	0.094	0.038
DISHCLOTHS AND DISHTOWELS	HH032	0.010	0.032	0.008	0.040	0.701	0.095	0.006	0.075	0.032
	HH033	0.009	0.008	0.004	0.013	0.886	0.040	0.000	0.034	0.006

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
MATTRESSES AND SPRINGS	HJ011	0.015	0.015	0.008	0.029	0.800	0.055	0.007	0.041	0.030
BEDROOM CASE GOODS	HJ012	0.010	0.011	0.004	0.023	0.852	0.045	0.001	0.034	0.020
SOFAS OTHER THAN SOFA BEDS	HJ021	0.018	0.025	0.012	0.036	0.737	0.072	0.013	0.046	0.041
RECLINERS	HJ022	0.009	0.016	0.009	0.029	0.773	0.070	0.006	0.057	0.032
LIVING ROOM TABLES	HJ023	0.007	0.023	0.003	0.024	0.825	0.045	0.005	0.038	0.028
KITCHEN TABLE, CHAIR AND SETS	HJ024	0.008	0.020	0.012	0.038	0.773	0.062	0.008	0.047	0.033
CRIB AND MATTRESS	HJ031	0.001	0.002	0.000	0.005	0.930	0.030	0.000	0.022	0.010
CHAISE LOUNGE	HJ032	0.007	0.004	0.007	0.011	0.824	0.076	0.004	0.024	0.043
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	0.006	0.009	0.007	0.017	0.853	0.051	0.006	0.035	0.015
REFRIGERATOR	HK011	0.018	0.038	0.007	0.053	0.701	0.083	0.006	0.058	0.036
WASHERS	HK012	0.028	0.047	0.004	0.056	0.678	0.081	0.006	0.054	0.046
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	0.020	0.030	0.020	0.050	0.630	0.107	0.014	0.079	0.050
MICROWAVE OVENS	HK014	0.006	0.014	0.005	0.027	0.763	0.090	0.003	0.059	0.033
FLOOR CLEANING EQUIPMENT	HK021	0.009	0.014	0.006	0.027	0.771	0.084	0.005	0.054	0.029
BLENDERS	HK022	0.004	0.017	0.003	0.022	0.829	0.062	0.000	0.049	0.012
FAN	HK023	0.008	0.004	0.002	0.012	0.864	0.052	0.004	0.022	0.031
CEILING AND WALL LIGHTS	HL011	0.002	0.008	0.002	0.020	0.853	0.062	0.000	0.028	0.024
PAINTINGS AND PICTURES	HL012	0.003	0.007	0.004	0.017	0.871	0.050	0.001	0.030	0.016
INDOOR PLANTS	HL021	0.005	0.018	0.002	0.024	0.895	0.026	0.001	0.020	0.009
PLASTIC DINNERWARE	HL031	0.007	0.026	0.004	0.031	0.794	0.065	0.004	0.047	0.023
FLATWARE	HL032	0.006	0.019	0.002	0.027	0.798	0.063	0.003	0.056	0.025
NONELECTRIC COOKINGWARE	HL041	0.002	0.017	0.003	0.024	0.852	0.053	0.002	0.035	0.013
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	0.003	0.010	0.001	0.013	0.901	0.038	0.000	0.027	0.007
PAINT	HM011	0.004	0.011	0.002	0.020	0.885	0.035	0.002	0.035	0.004
PORTABLE SANDING/POLISHING TOOLS	HM012	0.002	0.006	0.000	0.009	0.871	0.054	0.001	0.041	0.017
ROPE	HM013	0.001	0.006	0.000	0.009	0.945	0.018	0.000	0.014	0.007
GENERAL PURPOSE AND AUTO	HM014	0.001	0.001	0.000	0.003	0.967	0.016	0.000	0.010	0.001
LARGE EQUIPMENT, POWERED	HM021	0.004	0.014	0.004	0.026	0.853	0.052	0.002	0.026	0.019
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN INSECTICIDES	HM022	0.004	0.003	0.000	0.006	0.942	0.024	0.000	0.015	0.006
SOAPS AND DETERGENTS	HN011	0.004	0.019	0.002	0.023	0.838	0.055	0.003	0.047	0.010
UTILITY PAIL	HN012	0.004	0.003	0.003	0.012	0.924	0.028	0.000	0.022	0.004
HOUSEHOLD PAPER PRODUCTS	HN021	0.006	0.028	0.003	0.037	0.801	0.058	0.003	0.046	0.017
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	0.009	0.016	0.002	0.025	0.844	0.048	0.002	0.043	0.010
DOMESTIC SERVICES	HP011	0.000	0.005	0.000	0.006	0.989	0.000	0.000	0.000	0.000

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
GARDENING OR LAWN CARE SERVICES	HP021	0.006	0.007	0.000	0.008	0.974	0.002	0.000	0.003	0.001
MOVING, STORAGE, FREIGHT EXPRESS	HP031	0.008	0.009	0.002	0.016	0.944	0.009	0.001	0.007	0.005
APPLIANCE REPAIR	HP041	0.015	0.006	0.000	0.017	0.947	0.009	0.002	0.004	0.000
REUPHOLSTERY OF FURNITURE	HP042	0.002	0.007	0.000	0.010	0.966	0.005	0.000	0.005	0.005
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	0.011	0.001	0.003	0.005	0.940	0.016	0.003	0.015	0.007
PRESCRIPTION DRUGS	MA011	0.004	0.011	0.001	0.020	0.938	0.012	0.001	0.008	0.005
INTERNAL AND RESPIRATORY OVER-THE-COUNTER DRUGS	MB011	0.002	0.008	0.001	0.013	0.888	0.042	0.002	0.034	0.010
TOPICALS AND DRESSINGS	MB021	0.002	0.007	0.001	0.013	0.923	0.026	0.000	0.023	0.004
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	0.000	0.002	0.001	0.005	0.893	0.050	0.003	0.040	0.007
SUPPORTIVE MEDICAL EQUIPMENT	MB023	0.003	0.005	0.000	0.012	0.941	0.018	0.000	0.015	0.005
GENERAL MEDICAL PRACTICE	MC011	0.001	0.002	0.000	0.004	0.985	0.004	0.000	0.002	0.001
PROSTHODONTICS AND IMPLANTS	MC021	0.001	0.001	0.000	0.005	0.991	0.001	0.000	0.001	0.000
OPTOMETRISTS/OPTICIANS	MC031	0.008	0.009	0.002	0.015	0.923	0.019	0.002	0.013	0.009
PHYSICAL MEDICINE	MC041	0.000	0.001	0.000	0.004	0.992	0.001	0.000	0.001	0.001
HOSPITAL SERVICES	MD011	0.005	0.003	0.000	0.006	0.983	0.002	0.000	0.001	0.001
NURSING AND CONVALESCENT HOME CARE	MD021	0.000	0.002	0.000	0.004	0.993	0.001	0.000	0.001	0.000
TELEVISIONS	RA011	0.008	0.009	0.007	0.022	0.731	0.111	0.004	0.056	0.053
COMMUNITY ANTENNA OR CABLE TV	RA021	0.003	0.009	0.001	0.018	0.950	0.010	0.001	0.005	0.004
OTHER VIDEO EQUIPMENT	RA031	0.003	0.007	0.002	0.015	0.765	0.108	0.003	0.048	0.048
PRERECORDED - VIDEO TAPES AND DISCS	RA041	0.003	0.004	0.001	0.012	0.921	0.030	0.000	0.018	0.010
RENTAL OF VIDEO TAPES AND DISCS	RA042	0.000	0.009	0.001	0.014	0.955	0.009	0.001	0.007	0.005
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	0.005	0.007	0.005	0.015	0.802	0.085	0.003	0.046	0.032
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	0.001	0.005	0.001	0.012	0.913	0.032	0.001	0.026	0.010
DOG FOOD	RB011	0.006	0.020	0.003	0.024	0.823	0.055	0.004	0.050	0.015
DOGS	RB012	0.001	0.004	0.001	0.008	0.956	0.015	0.001	0.012	0.003
PET SERVICES	RB021	0.000	0.004	0.000	0.006	0.987	0.001	0.000	0.001	0.000
VETERINARIAN SERVICES	RB022	0.002	0.006	0.000	0.012	0.975	0.002	0.000	0.002	0.000
OUTBOARD MOTORS GASOLINE POWERED	RC011	0.009	0.005	0.001	0.014	0.935	0.017	0.000	0.009	0.008
UNPOWERED BOATS	RC012	0.005	0.011	0.000	0.021	0.892	0.037	0.000	0.024	0.011
BICYCLES AND ACCESSORIES	RC013	0.002	0.002	0.000	0.013	0.899	0.047	0.000	0.026	0.011
EXERCISE EQUIPMENT	RC021	0.003	0.006	0.003	0.014	0.882	0.046	0.001	0.028	0.016
SCUBA GEAR AND EQUIPMENT	RC022	0.000	0.008	0.000	0.008	0.845	0.070	0.000	0.062	0.008

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
SLEEPING BAGS, COTS, AND OTHER										
SLEEPING EQUIPMENT	RC023	0.003	0.005	0.000	0.008	0.894	0.045	0.000	0.030	0.014
FILM	RD011	0.003	0.011	0.001	0.013	0.876	0.045	0.002	0.034	0.015
STILL CAMERA	RD012	0.004	0.010	0.005	0.020	0.846	0.059	0.002	0.028	0.025
PHOTOGRAPHER'S FEES	RD021	0.004	0.008	0.001	0.016	0.960	0.006	0.000	0.004	0.001
FILM PROCESSING	RD022	0.000	0.007	0.001	0.012	0.940	0.019	0.001	0.015	0.006
DOLLS AND DOLL CLOTHING	RE011	0.002	0.002	0.001	0.008	0.937	0.028	0.000	0.013	0.009
VIDEO GAME HARDWARE	RE012	0.002	0.002	0.000	0.009	0.923	0.039	0.000	0.015	0.009
MATERIALS FOR MAKING SLIPCOVERS,UPHOLSTERY,CURTAINS & DRAPERIES										
STRING INSTRUMENTS	RE031	0.000	0.005	0.000	0.009	0.952	0.018	0.001	0.009	0.006
CLUB MEMBERSHIP DUES	RF011	0.006	0.008	0.001	0.011	0.934	0.015	0.001	0.014	0.010
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS										
ADMISSION TO SPORTING EVENTS	RF022	0.030	0.010	0.000	0.008	0.924	0.005	0.002	0.007	0.014
FEES FOR LESSONS OR INSTRUCTIONS	RF031	0.007	0.000	0.000	0.001	0.987	0.002	0.000	0.001	0.001
SINGLE COPY NEWSPAPERS AND MAGAZINES										
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	0.001	0.005	0.000	0.006	0.970	0.008	0.000	0.006	0.003
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	0.004	0.007	0.001	0.015	0.949	0.011	0.000	0.007	0.007
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	0.003	0.003	0.000	0.006	0.967	0.011	0.000	0.007	0.003
SUBCOMPACT CARS	TA011	0.010	0.017	0.007	0.032	0.757	0.080	0.005	0.039	0.053
NEW MOTORCYCLES	TA012	0.006	0.002	0.002	0.008	0.943	0.017	0.000	0.009	0.013
USED CARS	TA021	0.454	0.000	0.029	0.089	0.000	0.061	0.047	0.000	0.320
VEHICLE LEASING	TA031	0.066	0.027	0.019	0.063	0.626	0.073	0.017	0.032	0.077
AUTOMOBILE RENTAL	TA041	0.109	0.050	0.042	0.070	0.491	0.067	0.044	0.043	0.083
REGULAR UNLEADED GASOLINE	TB011	0.384	0.070	0.027	0.073	0.132	0.078	0.044	0.053	0.139
MIDGRADE UNLEADED GASOLINE	TB012	0.373	0.070	0.028	0.074	0.144	0.079	0.044	0.054	0.134
PREMIUM UNLEADED GASOLINE	TB013	0.362	0.071	0.027	0.074	0.151	0.080	0.044	0.054	0.135
AUTOMOTIVE DIESEL FUEL	TB021	0.247	0.079	0.011	0.089	0.379	0.065	0.020	0.048	0.062
ALTERNATIVE AUTOMOTIVE FUELS	TB022	0.039	0.013	0.004	0.044	0.864	0.018	0.000	0.009	0.009
TIRES	TC011	0.018	0.030	0.006	0.042	0.787	0.049	0.006	0.039	0.023
AUTOMOBILE BATTERIES	TC021	0.004	0.008	0.001	0.015	0.933	0.019	0.001	0.014	0.006
MOTOR OIL	TC022	0.003	0.012	0.002	0.017	0.908	0.027	0.002	0.024	0.006

Table 25: Transition Probabilities from "Regular" to "Temporary" prices by ELI (cont.)

	ELI	Transition Probabilities								
		P>Preg to P>Preg	P>Preg to P=Preg	P>Preg to P<Preg	P=Preg to P>Preg	P=Preg to P=Preg	P=Preg to P<Preg	P<Preg to P>Preg	P<Preg to P=Preg	P<Preg to P<Preg
PAINTING ENTIRE MOTOR VEHICLE	TD011	0.010	0.010	0.001	0.029	0.918	0.016	0.001	0.008	0.007
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	0.008	0.007	0.001	0.022	0.938	0.012	0.001	0.005	0.005
CLUTCH REPAIR	TD031	0.010	0.016	0.002	0.037	0.901	0.017	0.002	0.008	0.008
MOTOR VEHICLE INSURANCE	TE011	0.002	0.002	0.001	0.010	0.966	0.009	0.000	0.003	0.006
STATE VEHICLE REGISTRATION	TF011	0.000	0.001	0.000	0.002	0.994	0.001	0.000	0.001	0.000
LOCAL AUTOMOBILE REGISTRATION	TF012	0.000	0.000	0.000	0.001	0.997	0.000	0.000	0.000	0.001
PARKING FEES	TF031	0.001	0.002	0.000	0.003	0.992	0.001	0.000	0.001	0.000
AUTOMOBILE SERVICE CLUBS	TF032	0.003	0.004	0.000	0.005	0.960	0.013	0.000	0.012	0.004
AIRLINE FARE	TG011	0.146	0.057	0.033	0.072	0.462	0.057	0.032	0.048	0.093
INTERCITY BUS FARE	TG021	0.017	0.057	0.005	0.058	0.807	0.022	0.010	0.015	0.009
INTERCITY TRAIN FARE	TG022	0.012	0.024	0.002	0.033	0.863	0.029	0.003	0.021	0.013
SHIP FARES	TG023	0.036	0.029	0.005	0.044	0.767	0.053	0.007	0.028	0.030
INTRACITY MASS TRANSIT	TG031	0.000	0.000	0.000	0.002	0.998	0.000	0.000	0.000	0.000
TAXI FARE	TG032	0.001	0.002	0.000	0.006	0.988	0.001	0.000	0.001	0.000

The variables in this table are transition probabilities. Think of the price as being in one of 3 states: equal to regular, above regular, below regular. The 9 columns report the 3 x 3 transition probability from each of these states into another from one month to the next. The notion of regular price used in this table is derived from the algorithm described in appendix B.

Table 26: The Distribution of the Size of Price Changes

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
MEN'S SUITS AND FORMAL WEAR	AA011	0.254	0.092	0.223	0.357	0.223	0.056	0.187	0.311
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	0.334	0.154	0.288	0.405	0.296	0.131	0.260	0.367
MEN'S OUTERWEAR	AA013	0.278	0.154	0.259	0.357	0.249	0.105	0.182	0.333
MEN'S UNDERWEAR	AA021	0.278	0.201	0.288	0.289	0.229	0.087	0.288	0.288
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	0.293	0.151	0.275	0.357	0.233	0.097	0.217	0.288
MEN'S SWIMSUITS	AA023	0.347	0.223	0.288	0.415	0.304	0.108	0.288	0.416
MEN'S SHIRTS	AA031	0.301	0.154	0.269	0.391	0.269	0.118	0.223	0.356
MEN'S SWEATERS AND VESTS	AA032	0.375	0.223	0.319	0.474	0.425	0.142	0.318	0.693
MEN'S PANTS AND SHORTS	AA041	0.244	0.105	0.203	0.316	0.237	0.105	0.182	0.288
BOYS' OUTERWEAR	AB011	0.298	0.154	0.288	0.357	0.299	0.053	0.278	0.357
BOYS' SHIRTS	AB012	0.369	0.183	0.288	0.431	0.260	0.087	0.183	0.311
BOYS' UNDERWEAR	AB013	0.248	0.134	0.224	0.289	0.150	0.022	0.119	0.228
BOYS' SUITS AND VESTS	AB014	0.265	0.128	0.262	0.357	0.230	0.088	0.184	0.327
BOYS' SWIMSUITS	AB015	0.275	0.148	0.234	0.357	0.312	0.154	0.252	0.511
WOMEN'S OUTERWEAR	AC011	0.278	0.140	0.228	0.357	0.252	0.087	0.223	0.357
WOMEN'S DRESSES	AC021	0.385	0.223	0.347	0.511	0.451	0.223	0.357	0.647
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	0.362	0.223	0.336	0.469	0.317	0.128	0.288	0.410
WOMEN'S SKIRTS	AC032	0.328	0.182	0.288	0.405	0.310	0.134	0.263	0.406
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	0.297	0.165	0.288	0.375	0.332	0.161	0.324	0.482
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	0.292	0.159	0.288	0.357	0.228	0.069	0.237	0.288
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	0.306	0.135	0.288	0.362	0.211	0.067	0.156	0.288
WOMEN'S SWIMSUITS	AC043	0.305	0.183	0.288	0.389	0.307	0.125	0.288	0.406
GIRLS' OUTERWEAR	AD011	0.333	0.163	0.304	0.369	0.449	0.288	0.357	0.671
GIRLS' DRESSES	AD012	0.310	0.155	0.303	0.389	0.355	0.150	0.288	0.554
GIRLS' SWEATERS	AD013	0.359	0.182	0.309	0.447	0.302	0.143	0.286	0.358
GIRLS' PANTS AND SHORTS	AD014	0.299	0.143	0.263	0.358	0.256	0.111	0.222	0.337
GIRLS' SWIMSUITS	AD015	0.308	0.163	0.268	0.405	0.256	0.105	0.163	0.223
GIRLS' UNDERWEAR	AD016	0.345	0.223	0.289	0.406	0.298	0.106	0.288	0.336
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	0.245	0.128	0.223	0.310	0.217	0.095	0.182	0.288
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	0.279	0.140	0.223	0.357	0.300	0.134	0.223	0.406
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	0.290	0.134	0.223	0.368	0.220	0.087	0.167	0.288
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	0.291	0.154	0.252	0.366	0.250	0.095	0.223	0.338
INFANTS' AND TODDLERS' OUTERWEAR	AF011	0.323	0.182	0.289	0.404	0.279	0.118	0.224	0.357
DIAPERS AND DIAPER LINERS	AF012	0.169	0.061	0.125	0.241	0.105	0.035	0.066	0.140
WATCHES	AG011	0.249	0.134	0.288	0.288	0.222	0.095	0.288	0.288
JEWELRY	AG021	0.417	0.163	0.357	0.693	0.355	0.095	0.226	0.693
COLLEGE TEXTBOOKS	EA011	0.063	0.025	0.042	0.069	0.057	0.027	0.041	0.065
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	0.214	0.029	0.106	0.125	0.091	0.037	0.103	0.123

Table 26: The Distribution of the Size of Price Changes (cont.)

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS	EA013	0.122	0.019	0.085	0.176	0.116	0.053	0.126	0.172
FULL COLLEGE TUITION AND FIXED FEES	EB011	0.088	0.010	0.040	0.078	0.091	0.009	0.102	0.118
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021	0.066	0.036	0.046	0.065	0.087	0.054	0.063	0.128
DAY CARE AND NURSERY SCHOOL	EB031	0.061	0.026	0.045	0.069	0.056	0.029	0.047	0.069
TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES	EB041	0.083	0.026	0.050	0.094	0.075	0.030	0.051	0.089
FIRST CLASS MAIL	EC011	0.057	0.030	0.031	0.085	0.057	0.030	0.031	0.085
DELIVERY SERVICES	EC021	0.031	0.005	0.011	0.033	0.042	0.006	0.027	0.055
MAIN STATION CHARGES	ED011	0.022	0.001	0.005	0.019	0.020	0.002	0.008	0.025
INTERSTATE TELEPHONE SERVICES	ED021	0.040	0.012	0.024	0.042	0.057	0.013	0.028	0.052
CELLULAR TELEPHONES	ED031	0.056	0.013	0.038	0.076	0.079	0.001	0.038	0.100
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	0.115	0.036	0.081	0.151	0.139	0.051	0.105	0.188
COMPUTER SOFTWARE	EE021	0.219	0.056	0.132	0.288	0.185	0.034	0.105	0.223
OTHER INFORMATION SERVICES	EE031	0.824	0.000	0.085	0.129	0.581	0.000	0.085	0.096
TELEPHONES	EE041	0.239	0.076	0.154	0.288	0.177	0.054	0.137	0.223
CALCULATORS AND ADDING MACHINES	EE042	0.191	0.052	0.163	0.269	0.173	0.049	0.105	0.247
FLOUR	FA011	0.302	0.080	0.202	0.450	0.186	0.052	0.096	0.230
CEREAL	FA021	0.257	0.056	0.183	0.389	0.129	0.029	0.056	0.140
RICE	FA031	0.267	0.075	0.154	0.339	0.180	0.051	0.096	0.200
WHITE BREAD	FB011	0.262	0.091	0.209	0.361	0.178	0.049	0.094	0.238
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	0.264	0.081	0.182	0.360	0.176	0.049	0.096	0.204
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	0.227	0.072	0.154	0.325	0.145	0.035	0.081	0.167
COOKIES	FB032	0.305	0.124	0.263	0.419	0.248	0.065	0.184	0.402
CRACKERS	FB041	0.302	0.118	0.246	0.419	0.262	0.071	0.188	0.407
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	0.286	0.095	0.184	0.409	0.196	0.045	0.105	0.224
FROZEN BAKERY PROD & FROZEN/REFRIG DOUGHS/BATTERS	FB043	0.266	0.069	0.181	0.409	0.196	0.044	0.088	0.252
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	0.314	0.112	0.224	0.407	0.223	0.049	0.118	0.288
UNCOOKED GROUND BEEF	FC011	0.186	0.065	0.128	0.253	0.131	0.054	0.096	0.163
CHUCK ROAST	FC021	0.276	0.095	0.224	0.407	0.181	0.065	0.123	0.246
ROUND STEAK	FC031	0.233	0.077	0.178	0.333	0.161	0.061	0.116	0.216
OTHER BEEF	FC041	0.205	0.077	0.155	0.280	0.160	0.065	0.126	0.224
BACON AND RELATED PRODUCTS	FD011	0.236	0.075	0.179	0.339	0.163	0.056	0.106	0.214
HAM (EXCLUDING CANNED)	FD021	0.265	0.096	0.202	0.382	0.194	0.062	0.134	0.270
PORK CHOPS	FD031	0.243	0.077	0.190	0.358	0.175	0.054	0.118	0.249
PORK ROASTS	FD041	0.271	0.102	0.210	0.371	0.206	0.078	0.144	0.267
FRANKFURTERS	FE011	0.299	0.091	0.225	0.410	0.180	0.045	0.096	0.224

Table 26: The Distribution of the Size of Price Changes (cont.)

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	0.272	0.091	0.183	0.361	0.179	0.049	0.096	0.213
LAMB AND MUTTON	FE013	0.212	0.088	0.159	0.290	0.162	0.069	0.119	0.225
FRESH WHOLE CHICKEN	FF011	0.304	0.108	0.243	0.411	0.203	0.072	0.128	0.265
TURKEY (EXCLUDING CANNED)	FF021	0.264	0.106	0.195	0.351	0.196	0.076	0.144	0.265
FRESH FISH	FG011	0.230	0.118	0.183	0.289	0.187	0.095	0.154	0.226
CANNED FISH AND SEAFOOD	FG021	0.259	0.081	0.166	0.339	0.192	0.057	0.112	0.226
EGGS IN SHELL	FH011	0.189	0.072	0.126	0.225	0.170	0.069	0.112	0.209
FRESH WHOLE MILK (UNFLAVORED)	FJ011	0.124	0.032	0.059	0.126	0.106	0.036	0.067	0.118
CHEESE AND CHEESE PRODUCTS	FJ021	0.235	0.069	0.155	0.338	0.175	0.049	0.101	0.224
ICE CREAM AND RELATED PRODUCTS	FJ031	0.278	0.096	0.226	0.407	0.180	0.044	0.106	0.254
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	0.389	0.085	0.184	0.462	0.284	0.056	0.106	0.278
APPLES	FK011	0.297	0.121	0.228	0.382	0.230	0.096	0.163	0.265
BANANAS	FK021	0.420	0.172	0.361	0.571	0.300	0.116	0.186	0.400
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	0.378	0.129	0.255	0.514	0.390	0.135	0.277	0.528
OTHER FRESH FRUITS	FK041	0.377	0.163	0.289	0.512	0.352	0.159	0.283	0.433
POTATOES	FL011	0.302	0.119	0.224	0.405	0.232	0.114	0.164	0.289
LETTUCE	FL021	0.315	0.135	0.255	0.409	0.253	0.118	0.195	0.332
TOMATOES	FL031	0.317	0.140	0.254	0.409	0.292	0.140	0.226	0.407
OTHER FRESH VEGETABLES	FL041	0.334	0.143	0.265	0.414	0.287	0.126	0.226	0.382
CANNED FRUIT	FM011	0.373	0.102	0.205	0.481	0.264	0.065	0.117	0.265
FROZEN FRUITS	FM021	0.344	0.104	0.230	0.490	0.262	0.061	0.128	0.368
DRIED AND PROCESSED FRUIT	FM031	0.233	0.066	0.134	0.305	0.139	0.049	0.087	0.157
COLA DRINKS	FN011	0.377	0.112	0.244	0.493	0.309	0.081	0.178	0.405
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	0.398	0.106	0.251	0.516	0.308	0.068	0.140	0.405
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	0.293	0.092	0.223	0.416	0.211	0.051	0.110	0.291
ROASTED COFFEE	FP011	0.183	0.059	0.124	0.252	0.126	0.041	0.081	0.152
TEA	FP021	0.219	0.073	0.160	0.319	0.159	0.045	0.096	0.224
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	0.254	0.069	0.147	0.325	0.199	0.052	0.106	0.224
SUGAR AND ARTIFICIAL SWEETENERS	FR011	0.199	0.061	0.124	0.255	0.130	0.043	0.076	0.144
CANDY AND CHEWING GUM	FR021	0.326	0.084	0.203	0.503	0.219	0.045	0.097	0.269
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	0.242	0.077	0.163	0.338	0.167	0.048	0.091	0.190
BUTTER	FS011	0.229	0.071	0.152	0.301	0.182	0.060	0.119	0.233
SALAD DRESSING	FS021	0.279	0.090	0.224	0.407	0.179	0.044	0.096	0.256
PEANUT BUTTER	FS031	0.215	0.065	0.140	0.283	0.136	0.037	0.068	0.139
LARD AND SHORTENING	FS032	0.200	0.062	0.134	0.289	0.128	0.041	0.078	0.155
SOUP	FT011	0.372	0.087	0.223	0.516	0.269	0.057	0.111	0.307
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	0.383	0.106	0.260	0.524	0.291	0.044	0.118	0.449
POTATO CHIPS AND OTHER SNACKS	FT031	0.335	0.130	0.290	0.459	0.260	0.065	0.184	0.409
SALT AND OTHER SEASONINGS AND SPICES	FT041	0.264	0.085	0.188	0.359	0.185	0.052	0.106	0.242

Table 26: The Distribution of the Size of Price Changes (cont.)

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
OLIVES, PICKLES, RELISHES	FT042	0.250	0.075	0.184	0.389	0.154	0.043	0.096	0.195
SAUCES AND GRAVIES	FT043	0.292	0.090	0.184	0.405	0.211	0.054	0.106	0.265
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	0.204	0.065	0.128	0.283	0.155	0.044	0.081	0.190
BABY FOOD	FT051	0.309	0.039	0.090	0.240	0.193	0.030	0.056	0.117
PREPARED SALADS	FT061	0.226	0.084	0.163	0.328	0.156	0.049	0.096	0.224
SPANISH/MEXICAN FOODS	FT062	0.341	0.087	0.203	0.463	0.225	0.043	0.096	0.265
FULL SERVICE MEALS AND SNACKS	FV011	0.070	0.026	0.057	0.088	0.063	0.025	0.052	0.082
LIMITED SERVICE MEALS AND SNACKS	FV021	0.112	0.031	0.062	0.127	0.085	0.029	0.056	0.096
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	0.137	0.030	0.071	0.129	0.127	0.028	0.077	0.146
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SIMILAR ITEMS BOARD	FV041	0.161	0.077	0.118	0.223	0.158	0.080	0.121	0.223
	FV051	0.065	0.024	0.049	0.090	0.065	0.029	0.051	0.093
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	0.113	0.045	0.080	0.154	0.088	0.038	0.066	0.110
WHISKEY AT HOME	FW021	0.099	0.043	0.075	0.123	0.075	0.033	0.054	0.095
WINE AT HOME	FW031	0.180	0.087	0.134	0.201	0.151	0.065	0.118	0.182
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	0.137	0.058	0.087	0.154	0.109	0.057	0.085	0.130
CIGARETTES	GA011	0.102	0.026	0.065	0.159	0.085	0.023	0.049	0.125
CIGARS	GA021	0.107	0.039	0.063	0.130	0.086	0.037	0.056	0.105
COLORING	GB011	0.221	0.080	0.180	0.289	0.118	0.029	0.077	0.153
DENTAL PREPARATIONS	GB012	0.238	0.077	0.168	0.360	0.120	0.037	0.076	0.149
DEODORANT, ANTIPERSPIRANT	GB013	0.229	0.082	0.179	0.288	0.139	0.034	0.083	0.206
HAIR DRYER	GB014	0.195	0.074	0.140	0.288	0.075	0.024	0.057	0.119
LIPSTICK, GLOSS, ROUGE	GB021	0.270	0.058	0.234	0.398	0.124	0.025	0.049	0.124
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	0.127	0.071	0.105	0.163	0.127	0.069	0.105	0.167
LEGAL SERVICES	GD011	0.133	0.057	0.118	0.182	0.136	0.057	0.116	0.201
FUNERAL EXPENSES	GD021	0.070	0.008	0.027	0.067	0.051	0.009	0.031	0.062
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	0.148	0.042	0.079	0.182	0.108	0.038	0.069	0.128
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	0.098	0.039	0.105	0.138	0.097	0.039	0.093	0.129
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	0.164	0.069	0.118	0.182	0.136	0.070	0.107	0.154
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	0.211	0.001	0.023	0.154	0.084	0.002	0.068	0.146
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	0.209	0.057	0.110	0.201	0.175	0.057	0.109	0.201
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	0.082	0.028	0.063	0.113	0.105	0.030	0.069	0.145
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	0.056	0.013	0.046	0.083	0.053	0.011	0.051	0.083
STATIONERY	GE011	0.335	0.081	0.224	0.407	0.239	0.040	0.103	0.264

Table 26: The Distribution of the Size of Price Changes (cont.)

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
LUGGAGE	GE012	0.307	0.143	0.223	0.406	0.263	0.105	0.223	0.338
STROLLER	GE013	0.112	0.054	0.104	0.158	0.085	0.051	0.054	0.140
HOUSING AT SCHOOL, EXCLUDING BOARD	HB011	0.068	0.035	0.049	0.065	0.045	0.037	0.039	0.043
RENTAL OF LODGING AWAY FROM HOME	HB021	0.219	0.083	0.157	0.292	0.233	0.076	0.158	0.320
TENANTS' INSURANCE	HD011	0.060	0.014	0.031	0.080	0.061	0.015	0.034	0.083
FUEL OIL	HE011	0.098	0.033	0.058	0.101	0.145	0.047	0.095	0.182
BOTTLED OR TANK GAS	HE021	0.111	0.033	0.061	0.105	0.119	0.042	0.082	0.150
ELECTRICITY	HF011	0.063	0.006	0.026	0.076	0.093	0.009	0.043	0.125
UTILITY NATURAL GAS SERVICE	HF021	0.062	0.011	0.037	0.081	0.104	0.019	0.066	0.151
WATER AND SEWERAGE SERVICE	HG011	0.040	0.006	0.023	0.042	0.041	0.008	0.024	0.050
GARBAGE/TRASH COLLECTION	HG021	0.052	0.007	0.025	0.059	0.063	0.014	0.035	0.067
ROOM SIZE RUGS	HH011	0.107	0.008	0.065	0.150	0.069	0.002	0.034	0.095
CURTAINS AND DRAPES	HH021	0.238	0.105	0.223	0.288	0.202	0.046	0.223	0.301
VENETIAN BLINDS	HH022	0.278	0.099	0.223	0.386	0.243	0.036	0.107	0.391
TOWELS, WASH CLOTHS, BATH MATS	HH031	0.257	0.143	0.224	0.289	0.237	0.134	0.224	0.289
BEDSPREADS	HH032	0.264	0.134	0.223	0.337	0.235	0.118	0.218	0.288
DISHCLOTHS AND DISHTOWELS	HH033	0.333	0.203	0.289	0.511	0.318	0.155	0.288	0.511
MATTRESSES AND SPRINGS	HJ011	0.199	0.051	0.105	0.209	0.130	0.049	0.094	0.147
BEDROOM CASE GOODS	HJ012	0.145	0.048	0.100	0.223	0.120	0.021	0.074	0.184
SOFAS OTHER THAN SOFA BEDS	HJ021	0.173	0.063	0.111	0.230	0.159	0.055	0.105	0.182
RECLINERS	HJ022	0.162	0.051	0.105	0.223	0.138	0.040	0.069	0.186
LIVING ROOM TABLES	HJ023	0.131	0.051	0.103	0.182	0.150	0.051	0.109	0.178
KITCHEN TABLE, CHAIR AND SETS	HJ024	0.181	0.065	0.122	0.223	0.184	0.049	0.105	0.213
CRIB AND MATTRESS	HJ031	0.132	0.085	0.105	0.163	0.119	0.034	0.087	0.124
CHAISE LOUNGE	HJ032	0.205	0.088	0.143	0.288	0.189	0.062	0.106	0.223
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	0.189	0.057	0.135	0.275	0.129	0.024	0.082	0.175
REFRIGERATOR	HK011	0.076	0.036	0.064	0.102	0.071	0.024	0.055	0.102
WASHERS	HK012	0.081	0.029	0.062	0.117	0.068	0.018	0.050	0.098
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	0.085	0.049	0.069	0.120	0.078	0.030	0.068	0.099
MICROWAVE OVENS	HK014	0.107	0.052	0.095	0.143	0.101	0.046	0.088	0.134
FLOOR CLEANING EQUIPMENT	HK021	0.133	0.059	0.105	0.196	0.131	0.054	0.105	0.182
BLENDERS	HK022	0.183	0.105	0.154	0.223	0.145	0.088	0.135	0.182
FAN	HK023	0.211	0.077	0.143	0.260	0.201	0.051	0.098	0.162
CEILING AND WALL LIGHTS	HL011	0.217	0.105	0.190	0.288	0.190	0.096	0.184	0.223
PAINTINGS AND PICTURES	HL012	0.290	0.152	0.224	0.373	0.243	0.117	0.223	0.288
INDOOR PLANTS	HL021	0.278	0.118	0.223	0.358	0.197	0.073	0.151	0.251
PLASTIC DINNERWARE	HL031	0.316	0.182	0.288	0.405	0.273	0.105	0.263	0.366
FLATWARE	HL032	0.296	0.154	0.223	0.357	0.251	0.105	0.223	0.292
NONELECTRIC COOKINGWARE	HL041	0.316	0.144	0.286	0.406	0.271	0.071	0.223	0.361
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	0.287	0.114	0.224	0.400	0.234	0.056	0.155	0.346

Table 26: The Distribution of the Size of Price Changes (cont.)

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
PAINT	HM011	0.120	0.051	0.113	0.171	0.089	0.045	0.054	0.118
PORTABLE SANDING/POLISHING TOOLS	HM012	0.179	0.067	0.140	0.182	0.138	0.062	0.129	0.181
ROPE	HM013	0.119	0.059	0.119	0.162	0.103	0.044	0.096	0.146
GENERAL PURPOSE AND AUTO	HM014	0.250	0.059	0.168	0.365	0.118	0.046	0.059	0.148
LARGE EQUIPMENT, POWERED	HM021	0.140	0.045	0.105	0.182	0.102	0.034	0.079	0.137
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN									
INSECTICIDES	HM022	0.231	0.057	0.151	0.289	0.128	0.003	0.068	0.163
SOAPS AND DETERGENTS	HN011	0.207	0.065	0.143	0.292	0.143	0.036	0.081	0.183
UTILITY PAIL	HN012	0.237	0.069	0.106	0.223	0.081	0.028	0.075	0.112
HOUSEHOLD PAPER PRODUCTS	HN021	0.276	0.077	0.183	0.353	0.164	0.041	0.082	0.184
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	0.262	0.072	0.186	0.407	0.154	0.039	0.087	0.224
DOMESTIC SERVICES	HP011	0.093	0.069	0.087	0.105	0.092	0.067	0.077	0.105
GARDENING OR LAWN CARE SERVICES	HP021	0.060	0.024	0.049	0.087	0.061	0.033	0.050	0.087
MOVING, STORAGE, FREIGHT EXPRESS	HP031	0.078	0.025	0.050	0.095	0.079	0.029	0.054	0.104
APPLIANCE REPAIR	HP041	0.039	0.009	0.029	0.048	0.035	0.007	0.021	0.047
REUPHOLSTERY OF FURNITURE	HP042	0.053	0.002	0.026	0.073	0.058	0.002	0.022	0.080
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	0.099	0.033	0.068	0.140	0.077	0.019	0.059	0.102
PRESCRIPTION DRUGS	MA011	0.067	0.020	0.042	0.074	0.053	0.024	0.042	0.066
INTERNAL AND RESPIRATORY OVER-THE-COUNTER									
DRUGS	MB011	0.178	0.047	0.118	0.265	0.089	0.026	0.057	0.106
TOPICALS AND DRESSINGS	MB021	0.173	0.047	0.116	0.244	0.096	0.029	0.059	0.128
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	0.205	0.057	0.163	0.346	0.098	0.027	0.058	0.096
SUPPORTIVE MEDICAL EQUIPMENT	MB023	0.111	0.037	0.053	0.223	0.059	0.019	0.049	0.093
GENERAL MEDICAL PRACTICE	MC011	0.145	0.045	0.101	0.196	0.120	0.035	0.080	0.167
PROSTHODONTICS AND IMPLANTS	MC021	0.113	0.041	0.067	0.111	0.085	0.039	0.065	0.105
OPTOMETRISTS/OPTICIANS	MC031	0.180	0.036	0.135	0.288	0.124	0.024	0.062	0.160
PHYSICAL MEDICINE	MC041	0.174	0.055	0.105	0.223	0.120	0.044	0.095	0.147
HOSPITAL SERVICES	MD011	0.111	0.037	0.072	0.110	0.109	0.046	0.076	0.116
NURSING AND CONVALESCENT HOME CARE	MD021	0.060	0.030	0.044	0.069	0.062	0.030	0.045	0.069
TELEVISIONS	RA011	0.102	0.047	0.068	0.118	0.099	0.040	0.069	0.118
COMMUNITY ANTENNA OR CABLE TV	RA021	0.102	0.008	0.039	0.071	0.052	0.010	0.041	0.065
OTHER VIDEO EQUIPMENT	RA031	0.125	0.051	0.087	0.154	0.122	0.051	0.105	0.154
PRERECORDED - VIDEO TAPES AND DISCS	RA041	0.184	0.065	0.134	0.268	0.162	0.057	0.118	0.242
RENTAL OF VIDEO TAPES AND DISCS	RA042	0.051	0.001	0.002	0.057	0.054	0.001	0.002	0.071
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	0.125	0.051	0.080	0.166	0.117	0.050	0.074	0.154
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	0.292	0.068	0.182	0.368	0.186	0.021	0.075	0.235
DOG FOOD	RB011	0.336	0.074	0.154	0.320	0.241	0.041	0.071	0.228
DOGS	RB012	0.160	0.051	0.105	0.229	0.074	0.007	0.057	0.092

Table 26: The Distribution of the Size of Price Changes (cont.)

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
PET SERVICES	RB021	0.097	0.002	0.048	0.105	0.066	0.004	0.053	0.105
VETERINARIAN SERVICES	RB022	0.090	0.020	0.047	0.090	0.067	0.025	0.049	0.091
OUTBOARD MOTORS GASOLINE POWERED	RC011	0.054	0.017	0.037	0.066	0.059	0.017	0.046	0.075
UNPOWERED BOATS	RC012	0.063	0.014	0.044	0.105	0.054	0.014	0.042	0.105
BICYCLES AND ACCESSORIES	RC013	0.109	0.039	0.098	0.134	0.092	0.034	0.077	0.118
EXERCISE EQUIPMENT	RC021	0.227	0.091	0.223	0.288	0.184	0.021	0.134	0.251
SCUBA GEAR AND EQUIPMENT	RC022	0.356	0.154	0.286	0.694	0.367	0.118	0.286	0.696
SLEEPING BAGS, COTS, AND OTHER SLEEPING EQUIPMENT	RC023	0.187	0.074	0.152	0.259	0.127	0.035	0.083	0.208
FILM	RD011	0.191	0.065	0.136	0.272	0.142	0.049	0.105	0.184
STILL CAMERA	RD012	0.103	0.045	0.080	0.140	0.114	0.041	0.087	0.154
PHOTOGRAPHER'S FEES	RD021	0.075	0.002	0.041	0.113	0.086	0.002	0.050	0.136
FILM PROCESSING	RD022	0.080	0.000	0.002	0.118	0.063	0.000	0.002	0.088
DOLLS AND DOLL CLOTHING	RE011	0.278	0.105	0.223	0.401	0.243	0.054	0.144	0.337
VIDEO GAME HARDWARE	RE012	0.270	0.105	0.223	0.406	0.253	0.034	0.182	0.406
MATERIALS FOR MAKING SLIPCOVERS,UPHOLSTERY,CURTAINS & DRAPERIES	RE021	0.307	0.106	0.224	0.361	0.205	0.025	0.106	0.288
STRING INSTRUMENTS	RE031	0.136	0.038	0.087	0.184	0.110	0.034	0.069	0.154
CLUB MEMBERSHIP DUES	RF011	0.152	0.033	0.069	0.167	0.104	0.030	0.059	0.118
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS	RF021	0.100	0.036	0.058	0.118	0.086	0.041	0.057	0.095
ADMISSION TO SPORTING EVENTS	RF022	0.245	0.028	0.074	0.296	0.146	0.028	0.054	0.139
FEES FOR LESSONS OR INSTRUCTIONS	RF031	0.140	0.056	0.080	0.125	0.121	0.056	0.080	0.118
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	0.221	0.106	0.183	0.290	0.173	0.061	0.131	0.225
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	0.185	0.035	0.083	0.247	0.122	0.030	0.065	0.118
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	0.118	0.017	0.049	0.149	0.113	0.016	0.033	0.143
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	0.159	0.025	0.101	0.223	0.134	0.003	0.073	0.168
SUBCOMPACT CARS	TA011	0.039	0.011	0.024	0.042	0.040	0.010	0.025	0.045
NEW MOTORCYCLES	TA012	0.151	0.018	0.036	0.072	0.038	0.016	0.025	0.043
USED CARS	TA021	0.011	0.003	0.007	0.012				
VEHICLE LEASING	TA031	0.092	0.012	0.034	0.077	0.067	0.016	0.045	0.092
AUTOMOBILE RENTAL	TA041	0.178	0.054	0.118	0.243	0.146	0.044	0.095	0.201
REGULAR UNLEADED GASOLINE	TB011	0.104	0.026	0.051	0.092	0.143	0.041	0.095	0.176
MIDGRADE UNLEADED GASOLINE	TB012	0.089	0.024	0.048	0.087	0.118	0.038	0.086	0.159
PREMIUM UNLEADED GASOLINE	TB013	0.085	0.023	0.045	0.082	0.118	0.035	0.079	0.151
AUTOMOTIVE DIESEL FUEL	TB021	0.081	0.025	0.047	0.080	0.107	0.042	0.078	0.134
ALTERNATIVE AUTOMOTIVE FUELS	TB022	0.099	0.025	0.075	0.154	0.109	0.033	0.075	0.154
TIRES	TC011	0.066	0.018	0.043	0.092	0.056	0.017	0.036	0.072
AUTOMOBILE BATTERIES	TC021	0.098	0.016	0.053	0.120	0.075	0.013	0.049	0.099
MOTOR OIL	TC022	0.138	0.051	0.083	0.175	0.094	0.045	0.069	0.106

Table 26: The Distribution of the Size of Price Changes (cont.)

	ELI	Size of Price Changes				Size of Regular Price Changes			
		Mean	25th	50th	75th	Mean	25th	50th	75th
PAINTING ENTIRE MOTOR VEHICLE	TD011	0.047	0.002	0.024	0.058	0.048	0.004	0.026	0.062
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	0.056	0.002	0.023	0.065	0.056	0.002	0.026	0.071
CLUTCH REPAIR	TD031	0.038	0.003	0.016	0.047	0.039	0.003	0.016	0.044
MOTOR VEHICLE INSURANCE	TE011	0.049	0.014	0.027	0.058	0.049	0.015	0.028	0.062
STATE VEHICLE REGISTRATION	TF011	0.149	0.030	0.068	0.214	0.165	0.033	0.077	0.246
LOCAL AUTOMOBILE REGISTRATION	TF012	0.184	0.035	0.112	0.223	0.192	0.013	0.122	0.223
PARKING FEES	TF031	0.333	0.069	0.154	0.288	0.207	0.067	0.148	0.245
AUTOMOBILE SERVICE CLUBS	TF032	0.167	0.037	0.095	0.176	0.085	0.024	0.043	0.102
AIRLINE FARE	TG011	0.132	0.014	0.057	0.186	0.125	0.017	0.052	0.169
INTERCITY BUS FARE	TG021	0.078	0.027	0.054	0.090	0.054	0.023	0.041	0.065
INTERCITY TRAIN FARE	TG022	0.188	0.031	0.160	0.246	0.124	0.020	0.044	0.186
SHIP FARES	TG023	0.123	0.020	0.069	0.180	0.129	0.024	0.069	0.188
INTRACITY MASS TRANSIT	TG031	0.120	0.048	0.092	0.154	0.121	0.048	0.083	0.154
TAXI FARE	TG032	0.099	0.024	0.065	0.134	0.101	0.032	0.105	0.137

The variables in this table are moments and quantiles of the distribution of the (absolute value) of the size of all price changes and of regular price changes: mean, 25th, 50th, 75th percentiles. The notion of regular price used in this table is derived from the algorithm described in appendix B.

Table 27: Distribution of the Size of Markups and Markdowns

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
MEN'S SUITS AND FORMAL WEAR	AA011	0.302	0.165	0.288	0.375	0.212	0.052	0.127	0.308
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	0.397	0.194	0.315	0.511	0.272	0.105	0.223	0.405
MEN'S OUTERWEAR	AA013	0.337	0.163	0.288	0.406	0.242	0.095	0.182	0.357
MEN'S UNDERWEAR	AA021	0.313	0.268	0.288	0.357	0.192	0.075	0.167	0.288
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	0.353	0.223	0.288	0.413	0.234	0.105	0.224	0.294
MEN'S SWIMSUITS	AA023	0.415	0.252	0.357	0.552	0.271	0.118	0.288	0.384
MEN'S SHIRTS	AA031	0.360	0.182	0.288	0.458	0.265	0.105	0.201	0.349
MEN'S SWEATERS AND VESTS	AA032	0.462	0.286	0.383	0.660	0.414	0.118	0.202	0.539
MEN'S PANTS AND SHORTS	AA041	0.312	0.142	0.270	0.405	0.218	0.090	0.170	0.307
BOYS' OUTERWEAR	AB011	0.347	0.237	0.337	0.406	0.472	0.213	0.288	0.399
BOYS' SHIRTS	AB012	0.450	0.263	0.357	0.574	0.324	0.154	0.224	0.401
BOYS' UNDERWEAR	AB013	0.284	0.185	0.288	0.337	0.202	0.134	0.224	0.272
BOYS' SUITS AND VESTS	AB014	0.327	0.183	0.288	0.383	0.230	0.134	0.201	0.357
BOYS' SWIMSUITS	AB015	0.343	0.183	0.288	0.510	0.215	0.069	0.229	0.357
WOMEN'S OUTERWEAR	AC011	0.348	0.163	0.293	0.452	0.242	0.087	0.179	0.357
WOMEN'S DRESSES	AC021	0.517	0.288	0.406	0.693	0.225	0.089	0.223	0.290
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	0.447	0.288	0.372	0.566	0.243	0.080	0.222	0.321
WOMEN'S SKIRTS	AC032	0.426	0.243	0.357	0.526	0.264	0.120	0.193	0.325
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	0.395	0.223	0.357	0.511	0.229	0.074	0.223	0.300
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	0.346	0.224	0.289	0.406	0.211	0.090	0.204	0.288
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	0.362	0.169	0.288	0.411	0.226	0.095	0.206	0.288
WOMEN'S SWIMSUITS	AC043	0.425	0.288	0.357	0.575	0.395	0.183	0.332	0.677
GIRLS' OUTERWEAR	AD011	0.374	0.182	0.357	0.506	0.283	0.080	0.223	0.328
GIRLS' DRESSES	AD012	0.395	0.244	0.356	0.511	0.285	0.069	0.168	0.357
GIRLS' SWEATERS	AD013	0.416	0.252	0.357	0.512	0.366	0.154	0.288	0.380
GIRLS' PANTS AND SHORTS	AD014	0.403	0.211	0.336	0.511	0.216	0.095	0.178	0.288
GIRLS' SWIMSUITS	AD015	0.452	0.223	0.357	0.568	0.253	0.090	0.214	0.406
GIRLS' UNDERWEAR	AD016	0.411	0.288	0.354	0.506	0.248	0.087	0.223	0.289
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	0.317	0.172	0.252	0.379	0.202	0.118	0.182	0.234
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	0.299	0.143	0.242	0.357	0.241	0.105	0.175	0.288
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	0.363	0.159	0.288	0.470	0.213	0.098	0.149	0.288
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	0.356	0.182	0.288	0.432	0.242	0.074	0.182	0.329
INFANTS' AND TODDLERS' OUTERWEAR	AF011	0.390	0.224	0.357	0.511	0.252	0.105	0.185	0.356
DIAPERS AND DIAPER LINERS	AF012	0.203	0.087	0.181	0.288	0.112	0.044	0.074	0.154
WATCHES	AG011	0.271	0.163	0.288	0.356	0.233	0.106	0.288	0.288
JEWELRY	AG021	0.453	0.208	0.366	0.693	0.397	0.105	0.337	0.693
COLLEGE TEXTBOOKS	EA011	0.102	0.020	0.064	0.131	0.101	0.040	0.077	0.137
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	0.333	0.062	0.108	0.981	0.171	0.080	0.123	0.251

Table 27: Distribution of the Size of Markups and Markdowns (cont.)

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS	EA013	0.198	0.055	0.126	0.262	0.051	0.011	0.036	0.072
FULL COLLEGE TUITION AND FIXED FEES	EB011	0.209	0.022	0.049	0.105	0.149	0.058	0.111	0.203
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021	0.238	0.024	0.064	0.551	0.167	0.064	0.119	0.209
DAY CARE AND NURSERY SCHOOL	EB031	0.146	0.001	0.009	0.060	0.082	0.039	0.059	0.110
TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES	EB041	0.078	0.006	0.019	0.033	0.111	0.048	0.079	0.132
FIRST CLASS MAIL	EC011								
DELIVERY SERVICES	EC021	0.044	0.005	0.010	0.041	0.043	0.007	0.026	0.054
MAIN STATION CHARGES	ED011	0.028	0.001	0.003	0.012	0.027	0.003	0.011	0.030
INTERSTATE TELEPHONE SERVICES	ED021	0.093	0.024	0.054	0.117	0.054	0.012	0.027	0.054
CELLULAR TELEPHONES	ED031	0.096	0.037	0.076	0.132	0.063	0.019	0.043	0.091
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	0.143	0.054	0.105	0.178	0.072	0.012	0.046	0.089
COMPUTER SOFTWARE	EE021	0.299	0.106	0.232	0.406	0.158	0.025	0.116	0.224
OTHER INFORMATION SERVICES	EE031	3.388	0.273	2.303	7.596	0.040	0.000	0.002	0.044
TELEPHONES	EE041	0.323	0.105	0.182	0.337	0.155	0.020	0.105	0.205
CALCULATORS AND ADDING MACHINES	EE042	0.250	0.106	0.179	0.289	0.107	0.000	0.000	0.220
FLOUR	FA011	0.333	0.112	0.265	0.499	0.320	0.061	0.182	0.432
CEREAL	FA021	0.279	0.097	0.224	0.407	0.281	0.056	0.197	0.410
RICE	FA031	0.259	0.091	0.174	0.328	0.354	0.076	0.186	0.496
WHITE BREAD	FB011	0.296	0.147	0.259	0.397	0.256	0.061	0.183	0.378
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	0.290	0.134	0.226	0.389	0.299	0.065	0.183	0.410
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	0.255	0.106	0.189	0.330	0.243	0.056	0.142	0.360
COOKIES	FB032	0.307	0.128	0.234	0.410	0.334	0.141	0.304	0.462
CRACKERS	FB041	0.292	0.128	0.226	0.407	0.340	0.126	0.315	0.474
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	0.303	0.140	0.238	0.408	0.334	0.080	0.269	0.481
FROZEN BAKERY PROD & FROZEN/REFRIG									
DOUGHS/BATTERS	FB043	0.250	0.094	0.183	0.337	0.338	0.086	0.265	0.514
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	0.310	0.154	0.232	0.407	0.344	0.080	0.224	0.419
UNCOOKED GROUND BEEF	FC011	0.223	0.096	0.177	0.302	0.155	0.055	0.101	0.183
CHUCK ROAST	FC021	0.325	0.137	0.289	0.463	0.198	0.066	0.132	0.264
ROUND STEAK	FC031	0.282	0.118	0.225	0.406	0.170	0.059	0.118	0.224
OTHER BEEF	FC041	0.246	0.106	0.195	0.338	0.181	0.069	0.126	0.232
BACON AND RELATED PRODUCTS	FD011	0.262	0.106	0.221	0.371	0.229	0.069	0.155	0.335
HAM (EXCLUDING CANNED)	FD021	0.307	0.126	0.253	0.433	0.223	0.073	0.151	0.289
PORK CHOPS	FD031	0.288	0.112	0.248	0.407	0.185	0.057	0.118	0.258
PORK ROASTS	FD041	0.310	0.134	0.261	0.425	0.235	0.081	0.161	0.289
FRANKFURTERS	FE011	0.349	0.134	0.270	0.472	0.265	0.069	0.184	0.360

Table 27: Distribution of the Size of Markups and Markdowns (cont.)

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	0.275	0.115	0.202	0.345	0.309	0.074	0.183	0.410
LAMB AND MUTTON	FE013	0.248	0.106	0.213	0.357	0.179	0.071	0.125	0.224
FRESH WHOLE CHICKEN	FF011	0.348	0.162	0.293	0.478	0.242	0.081	0.157	0.307
TURKEY (EXCLUDING CANNED)	FF021	0.284	0.126	0.226	0.371	0.273	0.096	0.183	0.351
FRESH FISH	FG011	0.261	0.134	0.223	0.337	0.217	0.097	0.162	0.276
CANNED FISH AND SEAFOOD	FG021	0.255	0.101	0.183	0.338	0.308	0.080	0.183	0.412
EGGS IN SHELL	FH011	0.235	0.088	0.168	0.297	0.203	0.076	0.143	0.258
FRESH WHOLE MILK (UNFLAVORED)	FJ011	0.157	0.039	0.088	0.195	0.118	0.033	0.065	0.127
CHEESE AND CHEESE PRODUCTS	FJ021	0.252	0.096	0.183	0.338	0.241	0.064	0.155	0.374
ICE CREAM AND RELATED PRODUCTS	FJ031	0.308	0.140	0.264	0.419	0.272	0.087	0.226	0.408
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	0.325	0.105	0.191	0.382	0.512	0.088	0.267	0.693
APPLES	FK011	0.336	0.144	0.265	0.414	0.279	0.106	0.184	0.320
BANANAS	FK021	0.441	0.186	0.371	0.623	0.425	0.167	0.371	0.545
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	0.447	0.144	0.313	0.642	0.423	0.144	0.289	0.565
OTHER FRESH FRUITS	FK041	0.421	0.183	0.331	0.571	0.388	0.179	0.289	0.514
POTATOES	FL011	0.359	0.143	0.267	0.478	0.274	0.119	0.211	0.360
LETTUCE	FL021	0.328	0.144	0.265	0.410	0.328	0.144	0.265	0.409
TOMATOES	FL031	0.351	0.151	0.283	0.464	0.324	0.144	0.265	0.410
OTHER FRESH VEGETABLES	FL041	0.364	0.157	0.289	0.478	0.338	0.144	0.265	0.416
CANNED FRUIT	FM011	0.327	0.117	0.223	0.393	0.525	0.108	0.365	0.810
FROZEN FRUITS	FM021	0.328	0.110	0.226	0.419	0.410	0.106	0.315	0.574
DRIED AND PROCESSED FRUIT	FM031	0.239	0.097	0.166	0.320	0.315	0.067	0.166	0.462
COLA DRINKS	FN011	0.372	0.144	0.265	0.463	0.413	0.104	0.253	0.592
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	0.390	0.134	0.265	0.502	0.502	0.106	0.325	0.859
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	0.298	0.110	0.224	0.411	0.329	0.091	0.252	0.462
ROASTED COFFEE	FP011	0.206	0.076	0.152	0.288	0.186	0.051	0.124	0.252
TEA	FP021	0.230	0.096	0.183	0.326	0.252	0.073	0.184	0.410
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	0.294	0.096	0.198	0.369	0.265	0.059	0.155	0.404
SUGAR AND ARTIFICIAL SWEETENERS	FR011	0.200	0.083	0.144	0.259	0.254	0.054	0.126	0.356
CANDY AND CHEWING GUM	FR021	0.320	0.106	0.224	0.421	0.434	0.096	0.410	0.545
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	0.238	0.106	0.182	0.331	0.299	0.075	0.226	0.431
BUTTER	FS011	0.252	0.092	0.183	0.339	0.248	0.080	0.183	0.343
SALAD DRESSING	FS021	0.299	0.119	0.252	0.410	0.295	0.084	0.239	0.419
PEANUT BUTTER	FS031	0.234	0.084	0.149	0.283	0.264	0.060	0.183	0.410
LARD AND SHORTENING	FS032	0.227	0.087	0.165	0.332	0.215	0.065	0.143	0.301
SOUP	FT011	0.333	0.106	0.223	0.414	0.471	0.098	0.307	0.703
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	0.367	0.118	0.233	0.511	0.435	0.115	0.360	0.585
POTATO CHIPS AND OTHER SNACKS	FT031	0.335	0.149	0.283	0.449	0.370	0.141	0.335	0.514
SALT AND OTHER SEASONINGS AND SPICES	FT041	0.292	0.119	0.224	0.399	0.320	0.081	0.264	0.498

Table 27: Distribution of the Size of Markups and Markdowns (cont.)

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
OLIVES, PICKLES, RELISHES	FT042	0.250	0.101	0.214	0.365	0.286	0.069	0.235	0.419
SAUCES AND GRAVIES	FT043	0.292	0.112	0.210	0.399	0.353	0.088	0.205	0.462
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	0.236	0.094	0.184	0.328	0.224	0.056	0.131	0.338
BABY FOOD	FT051	0.254	0.058	0.119	0.236	0.454	0.039	0.095	0.635
PREPARED SALADS	FT061	0.249	0.106	0.195	0.338	0.264	0.069	0.181	0.408
SPANISH/MEXICAN FOODS	FT062	0.293	0.101	0.196	0.397	0.486	0.105	0.339	0.693
FULL SERVICE MEALS AND SNACKS	FV011	0.136	0.057	0.095	0.171	0.081	0.026	0.061	0.108
LIMITED SERVICE MEALS AND SNACKS	FV021	0.230	0.069	0.183	0.223	0.100	0.025	0.065	0.110
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	0.152	0.041	0.062	0.255	0.129	0.029	0.069	0.105
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SIMILAR ITEMS BOARD	FV041	0.285	0.167	0.223	0.405	0.154	0.047	0.074	0.143
	FV051	0.058	0.009	0.041	0.084	0.073	0.023	0.049	0.084
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	0.136	0.068	0.115	0.185	0.081	0.036	0.061	0.110
WHISKEY AT HOME	FW021	0.111	0.052	0.093	0.154	0.104	0.035	0.062	0.106
WINE AT HOME	FW031	0.159	0.103	0.136	0.201	0.235	0.069	0.134	0.224
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	0.172	0.080	0.149	0.226	0.154	0.054	0.074	0.134
CIGARETTES	GA011	0.114	0.033	0.087	0.164	0.114	0.029	0.075	0.170
CIGARS	GA021	0.158	0.057	0.114	0.198	0.114	0.036	0.061	0.112
COLORING	GB011	0.258	0.122	0.224	0.336	0.282	0.085	0.201	0.379
DENTAL PREPARATIONS	GB012	0.287	0.126	0.224	0.408	0.243	0.054	0.160	0.449
DEODORANT, ANTIPERSPIRANT	GB013	0.235	0.094	0.179	0.288	0.214	0.064	0.166	0.325
HAIR DRYER	GB014	0.200	0.081	0.142	0.257	0.057	0.057	0.057	0.057
LIPSTICK, GLOSS, ROUGE	GB021	0.433	0.243	0.358	0.512	0.140	0.024	0.084	0.164
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	0.187	0.118	0.134	0.223	0.076	0.034	0.069	0.098
LEGAL SERVICES	GD011					0.136	0.053	0.105	0.154
FUNERAL EXPENSES	GD021	0.218	0.001	0.005	0.091	0.079	0.013	0.031	0.094
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	0.248	0.082	0.178	0.319	0.155	0.049	0.077	0.211
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	0.143	0.143	0.143	0.143	0.068	0.002	0.068	0.134
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	0.244	0.082	0.139	0.305	0.120	0.000	0.082	0.203
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	0.044	0.000	0.002	0.029	0.806	0.001	0.223	0.405
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	0.323	0.060	0.131	0.275	0.108	0.057	0.110	0.129
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	0.248	0.023	0.177	0.266	0.156	0.067	0.140	0.229
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061					0.029	0.019	0.039	0.040
STATIONERY	GE011	0.427	0.183	0.289	0.553	0.255	0.069	0.140	0.371

Table 27: Distribution of the Size of Markups and Markdowns (cont.)

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
LUGGAGE	GE012	0.295	0.173	0.223	0.406	0.295	0.091	0.223	0.511
STROLLER	GE013	0.131	0.054	0.111	0.165	0.099	0.051	0.089	0.140
HOUSING AT SCHOOL, EXCLUDING BOARD	HB011	0.174	0.009	0.035	0.145	0.124	0.049	0.095	0.167
RENTAL OF LODGING AWAY FROM HOME	HB021	0.260	0.099	0.188	0.351	0.284	0.097	0.203	0.386
TENANTS' INSURANCE	HD011	0.093	0.019	0.058	0.121	0.051	0.010	0.028	0.073
FUEL OIL	HE011	0.147	0.035	0.065	0.116	0.220	0.081	0.159	0.276
BOTTLED OR TANK GAS	HE021	0.168	0.034	0.068	0.118	0.174	0.062	0.125	0.222
ELECTRICITY	HF011	0.091	0.014	0.052	0.129	0.087	0.018	0.060	0.125
UTILITY NATURAL GAS SERVICE	HF021	0.127	0.027	0.079	0.180	0.187	0.050	0.136	0.283
WATER AND SEWERAGE SERVICE	HG011	0.063	0.002	0.028	0.068	0.055	0.006	0.027	0.072
GARBAGE/TRASH COLLECTION	HG021	0.055	0.001	0.012	0.080	0.032	0.005	0.014	0.035
ROOM SIZE RUGS	HH011	0.169	0.041	0.134	0.223	0.084	0.007	0.049	0.096
CURTAINS AND DRAPES	HH021	0.244	0.105	0.182	0.310	0.258	0.155	0.223	0.288
VENETIAN BLINDS	HH022	0.324	0.147	0.245	0.391	0.336	0.118	0.288	0.471
TOWELS, WASH CLOTHS, BATH MATS	HH031	0.300	0.177	0.286	0.358	0.228	0.143	0.224	0.288
BEDSPREADS	HH032	0.280	0.140	0.223	0.357	0.263	0.134	0.223	0.337
DISHCLOTHS AND DISHTOWELS	HH033	0.318	0.222	0.289	0.357	0.359	0.223	0.229	0.511
MATTRESSES AND SPRINGS	HJ011	0.209	0.053	0.109	0.223	0.157	0.043	0.099	0.213
BEDROOM CASE GOODS	HJ012	0.196	0.067	0.163	0.247	0.159	0.049	0.101	0.231
SOFAS OTHER THAN SOFA BEDS	HJ021	0.176	0.069	0.133	0.255	0.153	0.047	0.106	0.231
RECLINERS	HJ022	0.170	0.069	0.109	0.223	0.150	0.043	0.115	0.214
LIVING ROOM TABLES	HJ023	0.196	0.059	0.105	0.224	0.107	0.019	0.065	0.192
KITCHEN TABLE, CHAIR AND SETS	HJ024	0.201	0.090	0.146	0.288	0.164	0.045	0.108	0.172
CRIB AND MATTRESS	HJ031	0.187	0.105	0.163	0.288	0.259	0.073	0.197	0.511
CHAISE LOUNGE	HJ032	0.260	0.105	0.194	0.300	0.162	0.031	0.096	0.222
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	0.218	0.086	0.169	0.288	0.147	0.021	0.094	0.250
REFRIGERATOR	HK011	0.082	0.041	0.069	0.112	0.084	0.043	0.076	0.110
WASHERS	HK012	0.103	0.046	0.069	0.120	0.091	0.050	0.082	0.131
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	0.087	0.049	0.063	0.125	0.094	0.049	0.076	0.129
MICROWAVE OVENS	HK014	0.129	0.069	0.105	0.158	0.106	0.037	0.095	0.155
FLOOR CLEANING EQUIPMENT	HK021	0.135	0.065	0.101	0.182	0.181	0.065	0.140	0.251
BLENDERS	HK022	0.197	0.105	0.154	0.247	0.179	0.105	0.154	0.223
FAN	HK023	0.225	0.091	0.154	0.295	0.106	0.013	0.081	0.179
CEILING AND WALL LIGHTS	HL011	0.302	0.105	0.201	0.439	0.183	0.034	0.223	0.251
PAINTINGS AND PICTURES	HL012	0.388	0.183	0.288	0.511	0.257	0.105	0.223	0.337
INDOOR PLANTS	HL021	0.355	0.154	0.252	0.406	0.228	0.096	0.182	0.289
PLASTIC DINNERWARE	HL031	0.342	0.185	0.288	0.423	0.324	0.183	0.288	0.405
FLATWARE	HL032	0.358	0.188	0.288	0.511	0.244	0.133	0.182	0.292
NONELECTRIC COOKINGWARE	HL041	0.346	0.188	0.288	0.460	0.311	0.143	0.231	0.431
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	0.326	0.164	0.275	0.407	0.314	0.223	0.309	0.360

Table 27: Distribution of the Size of Markups and Markdowns (cont.)

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
PAINT	HM011	0.189	0.114	0.146	0.208	0.107	0.001	0.078	0.143
PORTABLE SANDING/POLISHING TOOLS	HM012	0.198	0.080	0.143	0.187	0.109	0.058	0.094	0.143
ROPE	HM013	0.141	0.089	0.134	0.182	0.115	0.067	0.131	0.144
GENERAL PURPOSE AND AUTO	HM014	0.355	0.119	0.372	0.470	0.222	0.074	0.260	0.338
LARGE EQUIPMENT, POWERED	HM021	0.167	0.074	0.142	0.212	0.134	0.036	0.085	0.134
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN									
INSECTICIDES	HM022	0.322	0.134	0.252	0.405	0.210	0.068	0.106	0.279
SOAPS AND DETERGENTS	HN011	0.218	0.088	0.174	0.298	0.235	0.061	0.119	0.379
UTILITY PAIL	HN012	0.241	0.087	0.137	0.356	0.299	0.030	0.069	0.126
HOUSEHOLD PAPER PRODUCTS	HN021	0.257	0.096	0.209	0.351	0.342	0.075	0.183	0.410
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	0.294	0.106	0.223	0.409	0.291	0.078	0.222	0.417
DOMESTIC SERVICES	HP011					0.095	0.087	0.095	0.121
GARDENING OR LAWN CARE SERVICES	HP021	0.092	0.035	0.132	0.134	0.097	0.051	0.095	0.118
MOVING, STORAGE, FREIGHT EXPRESS	HP031	0.107	0.010	0.060	0.108	0.073	0.021	0.049	0.085
APPLIANCE REPAIR	HP041	0.050	0.017	0.020	0.058	0.091	0.033	0.062	0.144
REUPHOLSTERY OF FURNITURE	HP042	0.069	0.023	0.068	0.115	0.033	0.012	0.026	0.057
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	0.111	0.060	0.064	0.140	0.100	0.002	0.078	0.187
PRESCRIPTION DRUGS	MA011	0.127	0.018	0.051	0.113	0.084	0.018	0.042	0.091
INTERNAL AND RESPIRATORY OVER-THE-COUNTER									
DRUGS	MB011	0.232	0.100	0.183	0.338	0.123	0.021	0.053	0.174
TOPICALS AND DRESSINGS	MB021	0.243	0.106	0.195	0.333	0.129	0.029	0.075	0.183
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	0.269	0.118	0.268	0.357	0.037	0.000	0.023	0.081
SUPPORTIVE MEDICAL EQUIPMENT	MB023	0.172	0.051	0.130	0.223	0.106	0.049	0.061	0.097
GENERAL MEDICAL PRACTICE	MC011	0.204	0.050	0.157	0.223	0.175	0.032	0.117	0.223
PROSTHODONTICS AND IMPLANTS	MC021	0.239	0.065	0.154	0.234	0.186	0.043	0.068	0.147
OPTOMETRISTS/OPTICIANS	MC031	0.242	0.109	0.238	0.330	0.181	0.038	0.135	0.310
PHYSICAL MEDICINE	MC041	0.201	0.099	0.160	0.223	0.323	0.150	0.237	0.540
HOSPITAL SERVICES	MD011	0.128	0.006	0.028	0.105	0.130	0.043	0.077	0.124
NURSING AND CONVALESCENT HOME CARE	MD021	0.131	0.015	0.074	0.223	0.074	0.036	0.041	0.111
TELEVISIONS	RA011	0.129	0.051	0.089	0.155	0.067	0.024	0.051	0.087
COMMUNITY ANTENNA OR CABLE TV	RA021	0.812	0.005	0.037	0.143	0.078	0.017	0.050	0.094
OTHER VIDEO EQUIPMENT	RA031	0.154	0.057	0.105	0.183	0.090	0.011	0.051	0.105
PRERECORDED - VIDEO TAPES AND DISCS	RA041	0.224	0.080	0.201	0.288	0.147	0.058	0.140	0.223
RENTAL OF VIDEO TAPES AND DISCS	RA042	0.064	0.001	0.007	0.059	0.048	0.001	0.001	0.004
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	0.147	0.051	0.105	0.193	0.074	0.014	0.051	0.105
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	0.378	0.143	0.265	0.527	0.116	0.022	0.067	0.201
DOG FOOD	RB011	0.256	0.101	0.166	0.270	0.565	0.077	0.223	0.788
DOGS	RB012	0.298	0.121	0.221	0.343	0.117	0.030	0.105	0.182

Table 27: Distribution of the Size of Markups and Markdowns (cont.)

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
PET SERVICES	RB021	0.000	0.000	0.000	0.000	0.207	0.000	0.002	0.114
VETERINARIAN SERVICES	RB022	0.110	0.012	0.031	0.039	0.140	0.016	0.048	0.087
OUTBOARD MOTORS GASOLINE POWERED	RC011	0.094	0.027	0.052	0.092	0.042	0.016	0.036	0.055
UNPOWERED BOATS	RC012	0.079	0.004	0.046	0.105	0.073	0.020	0.049	0.096
BICYCLES AND ACCESSORIES	RC013	0.154	0.090	0.118	0.206	0.122	0.062	0.129	0.188
EXERCISE EQUIPMENT	RC021	0.273	0.134	0.223	0.357	0.189	0.065	0.154	0.288
SCUBA GEAR AND EQUIPMENT	RC022	0.351	0.154	0.288	0.694	0.286	0.286	0.286	0.286
SLEEPING BAGS, COTS, AND OTHER SLEEPING EQUIPMENT	RC023	0.275	0.105	0.214	0.319	0.114	0.041	0.095	0.182
FILM	RD011	0.229	0.087	0.183	0.319	0.168	0.050	0.118	0.223
STILL CAMERA	RD012	0.125	0.065	0.105	0.154	0.067	0.001	0.048	0.097
PHOTOGRAPHER'S FEES	RD021	0.095	0.001	0.046	0.166	0.055	0.002	0.043	0.063
FILM PROCESSING	RD022	0.136	0.000	0.060	0.233	0.080	0.000	0.004	0.143
DOLLS AND DOLL CLOTHING	RE011	0.343	0.182	0.286	0.465	0.220	0.083	0.154	0.223
VIDEO GAME HARDWARE	RE012	0.321	0.182	0.288	0.406	0.320	0.183	0.342	0.342
MATERIALS FOR MAKING SLIPCOVERS,UPHOLSTERY,CURTAINS & DRAPERIES	RE021	0.347	0.148	0.288	0.500	0.389	0.070	0.193	0.339
STRING INSTRUMENTS	RE031	0.184	0.056	0.134	0.262	0.115	0.005	0.054	0.119
CLUB MEMBERSHIP DUES	RF011	0.233	0.060	0.134	0.337	0.124	0.017	0.046	0.136
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER RECURRING EVENTS	RF021	0.170	0.065	0.139	0.280	0.130	0.039	0.055	0.182
ADMISSION TO SPORTING EVENTS	RF022	0.260	0.030	0.089	0.511	0.209	0.080	0.154	0.222
FEES FOR LESSONS OR INSTRUCTIONS	RF031	0.293	0.065	0.077	0.223	0.078	0.041	0.056	0.082
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	0.252	0.106	0.184	0.390	0.234	0.121	0.183	0.311
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	0.319	0.083	0.245	0.487	0.163	0.033	0.082	0.223
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	0.225	0.077	0.184	0.332	0.121	0.019	0.074	0.213
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	0.235	0.082	0.175	0.288	0.134	0.027	0.080	0.223
SUBCOMPACT CARS	TA011	0.047	0.017	0.032	0.054	0.035	0.006	0.019	0.042
NEW MOTORCYCLES	TA012	0.144	0.022	0.049	0.086	0.073	0.027	0.036	0.120
USED CARS	TA021	0.023	0.006	0.015	0.032	0.047	0.008	0.019	0.040
VEHICLE LEASING	TA031	0.078	0.020	0.050	0.105	0.304	0.018	0.043	0.098
AUTOMOBILE RENTAL	TA041	0.203	0.061	0.141	0.282	0.206	0.067	0.144	0.295
REGULAR UNLEADED GASOLINE	TB011	0.124	0.032	0.069	0.129	0.199	0.068	0.141	0.235
MIDGRADE UNLEADED GASOLINE	TB012	0.099	0.029	0.062	0.119	0.178	0.062	0.129	0.216
PREMIUM UNLEADED GASOLINE	TB013	0.107	0.028	0.059	0.112	0.166	0.058	0.121	0.202
AUTOMOTIVE DIESEL FUEL	TB021	0.107	0.026	0.054	0.099	0.164	0.057	0.115	0.205
ALTERNATIVE AUTOMOTIVE FUELS	TB022	0.079	0.013	0.105	0.134	0.145	0.024	0.128	0.190
TIRES	TC011	0.095	0.037	0.070	0.122	0.060	0.017	0.038	0.080
AUTOMOBILE BATTERIES	TC021	0.142	0.033	0.083	0.183	0.076	0.011	0.037	0.095
MOTOR OIL	TC022	0.181	0.074	0.148	0.243	0.142	0.045	0.074	0.145

Table 27: Distribution of the Size of Markups and Markdowns (cont.)

	ELI	Size of Markdown				Size of Markup			
		Mean	25th	50th	75th	Mean	25th	50th	75th
PAINTING ENTIRE MOTOR VEHICLE	TD011	0.071	0.002	0.033	0.098	0.046	0.005	0.028	0.050
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	0.076	0.002	0.024	0.099	0.068	0.015	0.035	0.080
CLUTCH REPAIR	TD031	0.055	0.002	0.023	0.080	0.041	0.008	0.022	0.055
MOTOR VEHICLE INSURANCE	TE011	0.055	0.014	0.044	0.070	0.060	0.012	0.025	0.046
STATE VEHICLE REGISTRATION	TF011	0.085	0.033	0.037	0.043	0.124	0.022	0.065	0.208
LOCAL AUTOMOBILE REGISTRATION	TF012	0.046	0.046	0.046	0.046	0.092	0.092	0.092	0.092
PARKING FEES	TF031	1.325	0.118	0.303	0.693	0.214	0.065	0.154	0.288
AUTOMOBILE SERVICE CLUBS	TF032	0.255	0.128	0.162	0.258	0.255	0.078	0.170	0.245
AIRLINE FARE	TG011	0.208	0.055	0.146	0.303	0.148	0.027	0.083	0.216
INTERCITY BUS FARE	TG021	0.106	0.025	0.049	0.093	0.071	0.029	0.062	0.098
INTERCITY TRAIN FARE	TG022	0.279	0.176	0.223	0.389	0.268	0.067	0.220	0.444
SHIP FARES	TG023	0.173	0.046	0.119	0.235	0.155	0.034	0.108	0.227
INTRACITY MASS TRANSIT	TG031					0.133	0.092	0.097	0.182
TAXI FARE	TG032	0.039	0.024	0.036	0.055	0.130	0.007	0.041	0.184

The variables in this table are moments and quantiles of the distribution of deviations of the temporary price from the regular price (markdown refers to episodes when the price is below the regular, markups to episodes when the price is above the regular). The notion of regular price used in this table is derived from the algorithm described in appendix B.

Table 28: Fraction of Time spent at the Mode, by ELI

	ELI	At Mode	Above Mode	Below Mode	Change in Mode
MEN'S SUITS AND FORMAL WEAR	AA011	0.692	0.136	0.171	0.531
MEN'S SPORT COATS AND TAILORED JACKETS	AA012	0.685	0.110	0.206	0.342
MEN'S OUTERWEAR	AA013	0.756	0.116	0.129	0.298
MEN'S UNDERWEAR	AA021	0.789	0.050	0.161	0.419
MEN'S PLASTIC RAINCOATS AND RAIN SETS	AA022	0.829	0.049	0.122	0.341
MEN'S SWIMSUITS	AA023	0.743	0.070	0.187	0.214
MEN'S SHIRTS	AA031	0.708	0.109	0.183	0.446
MEN'S SWEATERS AND VESTS	AA032	0.665	0.137	0.197	1.000
MEN'S PANTS AND SHORTS	AA041	0.698	0.129	0.173	0.466
BOYS' OUTERWEAR	AB011	0.644	0.115	0.241	0.750
BOYS' SHIRTS	AB012	0.750	0.085	0.165	0.385
BOYS' UNDERWEAR	AB013	0.830	0.035	0.134	0.444
BOYS' SUITS AND VESTS	AB014	0.725	0.069	0.206	0.458
BOYS' SWIMSUITS	AB015	0.750	0.000	0.250	
WOMEN'S OUTERWEAR	AC011	0.808	0.088	0.104	0.484
WOMEN'S DRESSES	AC021	0.819	0.051	0.129	0.250
WOMEN'S SWEATERS, AND SWEATER VESTS	AC031	0.728	0.102	0.170	0.474
WOMEN'S SKIRTS	AC032	0.750	0.074	0.176	0.303
WOMEN'S SUITS AND SUIT COMPONENTS	AC033	0.759	0.144	0.098	0.000
WOMEN'S BRAS, BRA SETS, GIRDLES AND CORSELETS	AC041	0.784	0.071	0.145	0.380
WOMEN'S PANTYHOSE AND STOCKINGS	AC042	0.879	0.034	0.087	0.327
WOMEN'S SWIMSUITS	AC043	0.700	0.069	0.232	0.545
GIRLS' OUTERWEAR	AD011	1.000	0.000	0.000	
GIRLS' DRESSES	AD012	0.757	0.188	0.056	
GIRLS' SWEATERS	AD013	0.732	0.061	0.207	0.750
GIRLS' PANTS AND SHORTS	AD014	0.686	0.133	0.181	0.465
GIRLS' SWIMSUITS	AD015	0.333	0.667	0.000	
GIRLS' UNDERWEAR	AD016	0.848	0.036	0.115	0.180
MEN'S DRESS AND CASUAL SHOES AND BOOTS	AE011	0.759	0.089	0.152	0.402
BOYS' DRESS AND CASUAL SHOES AND BOOTS	AE021	0.778	0.086	0.136	0.333
GIRLS' DRESS AND CASUAL SHOES AND BOOTS	AE022	0.785	0.076	0.139	0.308
WOMEN'S DRESS AND CASUAL SHOES AND BOOTS	AE031	0.773	0.083	0.144	0.387
INFANTS' AND TODDLERS' OUTERWEAR	AF011	0.712	0.086	0.202	0.531
DIAPERS AND DIAPER LINERS	AF012	0.779	0.084	0.136	0.566
WATCHES	AG011	0.797	0.105	0.098	0.345
JEWELRY	AG021	0.782	0.105	0.113	0.398
COLLEGE TEXTBOOKS	EA011	0.734	0.159	0.107	0.750
ELEMENTARY AND HIGH SCHOOL BOOKS AND SUPPLIES	EA012	0.816	0.093	0.091	0.409
ENCYCLOPEDIAS AND OTHER SETS OF REFERENCE BOOKS	EA013	0.938	0.031	0.031	0.200
FULL COLLEGE TUITION AND FIXED FEES	EB011	0.556	0.444	0.000	
ELEMENTARY AND HIGH SCHOOL TUITION AND FIXED FEES	EB021				
DAY CARE AND NURSERY SCHOOL	EB031	0.784	0.164	0.052	0.673
TECHNICAL AND BUSINESS SCHOOL TUITION AND FIXED FEES	EB041	0.732	0.178	0.090	0.666
FIRST CLASS MAIL	EC011	0.917	0.074	0.009	0.456
DELIVERY SERVICES	EC021	0.660	0.192	0.147	0.923
MAIN STATION CHARGES	ED011	0.534	0.307	0.160	0.838
INTERSTATE TELEPHONE SERVICES	ED021	0.496	0.342	0.161	0.779
CELLULAR TELEPHONES	ED031	0.861	0.094	0.045	0.555
PERSONAL COMPUTERS AND PERIPHERAL EQUIPMENT	EE011	0.663	0.146	0.191	0.625
COMPUTER SOFTWARE	EE021	0.828	0.074	0.098	0.488
OTHER INFORMATION SERVICES	EE031	0.932	0.015	0.052	0.252
TELEPHONES	EE041	0.804	0.097	0.099	0.690
CALCULATORS AND ADDING MACHINES	EE042	0.873	0.064	0.063	0.471

Table 28: Fraction of Time spent at the Mode, by ELI (cont.)

	ELI	At Mode	Above Mode	Below Mode	Change in Mode
FLOUR	FA011	0.715	0.119	0.166	0.658
CEREAL	FA021	0.690	0.151	0.159	0.687
RICE	FA031	0.745	0.108	0.146	0.608
WHITE BREAD	FB011	0.746	0.114	0.140	0.576
FRESH ROLLS, BISCUITS, AND MUFFINS	FB021	0.816	0.077	0.107	0.545
CAKES AND CUPCAKES (EXCLUDING FROZEN)	FB031	0.834	0.077	0.089	0.519
COOKIES	FB032	0.708	0.141	0.151	0.573
CRACKERS	FB041	0.667	0.154	0.179	0.653
SWEETROLLS, COFFEE CAKE AND DOUGHNUTS (EXCLUDING FROZEN)	FB042	0.822	0.086	0.092	0.468
FROZEN BAKERY PROD & FROZEN/REFRIG DOUGHS/BATTERS	FB043	0.695	0.136	0.169	0.692
PIES, TARTS, TURNOVERS (EXCLUDING FROZEN)	FB044	0.785	0.092	0.123	0.532
UNCOOKED GROUND BEEF	FC011	0.590	0.177	0.234	0.756
CHUCK ROAST	FC021	0.560	0.173	0.267	0.690
ROUND STEAK	FC031	0.547	0.188	0.265	0.680
OTHER BEEF	FC041	0.660	0.158	0.182	0.653
BACON AND RELATED PRODUCTS	FD011	0.620	0.186	0.194	0.667
HAM (EXCLUDING CANNED)	FD021	0.641	0.145	0.214	0.596
PORK CHOPS	FD031	0.533	0.188	0.279	0.673
PORK ROASTS	FD041	0.564	0.187	0.249	0.635
FRANKFURTERS	FE011	0.665	0.149	0.186	0.637
LUNCHMEATS (EXC BLGNA/LVWRST/SALMI)	FE012	0.729	0.126	0.145	0.529
LAMB AND MUTTON	FE013	0.749	0.098	0.153	0.493
FRESH WHOLE CHICKEN	FF011	0.665	0.130	0.205	0.519
TURKEY (EXCLUDING CANNED)	FF021	0.742	0.104	0.153	0.510
FRESH FISH	FG011	0.646	0.156	0.197	0.609
CANNED FISH AND SEAFOOD	FG021	0.706	0.140	0.154	0.614
EGGS IN SHELL	FH011	0.506	0.298	0.197	0.735
FRESH WHOLE MILK (UNFLAVORED)	FJ011	0.557	0.274	0.169	0.850
CHEESE AND CHEESE PRODUCTS	FJ021	0.642	0.183	0.175	0.697
ICE CREAM AND RELATED PRODUCTS	FJ031	0.648	0.181	0.172	0.703
POWDERED/EVAPORATED/CONDENSED MILK	FJ041	0.713	0.142	0.145	0.625
APPLES	FK011	0.610	0.178	0.211	0.637
BANANAS	FK021	0.744	0.120	0.136	0.398
ORANGES, MANDARINS (TANGERINES) AND TANGELOS	FK031	0.578	0.232	0.190	0.624
OTHER FRESH FRUITS	FK041	0.437	0.311	0.253	0.733
POTATOES	FL011	0.569	0.217	0.214	0.665
LETTUCE	FL021	0.551	0.267	0.182	0.580
TOMATOES	FL031	0.455	0.315	0.230	0.749
OTHER FRESH VEGETABLES	FL041	0.588	0.225	0.187	0.634
CANNED FRUIT	FM011	0.710	0.143	0.146	0.596
FROZEN FRUITS	FM021	0.700	0.140	0.159	0.594
DRIED AND PROCESSED FRUIT	FM031	0.771	0.104	0.126	0.606
COLA DRINKS	FN011	0.635	0.170	0.195	0.634
FROZEN NONCARBONATED JUICES AND DRINKS	FN021	0.707	0.142	0.151	0.613
NONFROZEN NONCARBONATED JUICES AND DRINKS	FN031	0.689	0.146	0.165	0.621
ROASTED COFFEE	FP011	0.708	0.125	0.167	0.624
TEA	FP021	0.745	0.115	0.139	0.636
POWDERS, CRYSTALS, TABLETS, MIXES, AND SYRUPS	FP022	0.797	0.098	0.105	0.528
SUGAR AND ARTIFICIAL SWEETENERS	FR011	0.745	0.104	0.152	0.536
CANDY AND CHEWING GUM	FR021	0.832	0.074	0.093	0.413
JELLY, JAM, PRESERVES, MARMALADE, FRUIT BUTTER	FR031	0.743	0.114	0.143	0.545
BUTTER	FS011	0.584	0.217	0.199	0.741
SALAD DRESSING	FS021	0.708	0.144	0.148	0.588

Table 28: Fraction of Time spent at the Mode, by ELI (cont.)

	ELI	At Mode	Above Mode	Below Mode	Change in Mode
PEANUT BUTTER	FS031	0.718	0.125	0.157	0.597
LARD AND SHORTENING	FS032	0.711	0.136	0.152	0.674
SOUP	FT011	0.729	0.135	0.135	0.587
MULTIPLE COURSES FROZEN/FREEZE DRIED FOODS	FT021	0.688	0.153	0.159	0.600
POTATO CHIPS AND OTHER SNACKS	FT031	0.756	0.114	0.130	0.516
SALT AND OTHER SEASONINGS AND SPICES	FT041	0.803	0.082	0.114	0.535
OLIVES, PICKLES, RELISHES	FT042	0.732	0.115	0.152	0.536
SAUCES AND GRAVIES	FT043	0.744	0.126	0.130	0.571
OTHER CONDIMENTS (EXCLUDING OLIVES, PICKLES, RELISHES)	FT044	0.757	0.110	0.134	0.596
BABY FOOD	FT051	0.741	0.121	0.137	0.703
PREPARED SALADS	FT061	0.799	0.070	0.130	0.497
SPANISH/MEXICAN FOODS	FT062	0.733	0.119	0.148	0.557
FULL SERVICE MEALS AND SNACKS	FV011	0.874	0.058	0.067	0.474
LIMITED SERVICE MEALS AND SNACKS	FV021	0.862	0.068	0.070	0.486
FOOD AT EMPLOYEE SITES AND SCHOOLS	FV031	0.919	0.052	0.029	0.235
CANDY/GUM/CRACKERS/PASTRIES/CHIPS/SIMILAR ITEMS BOARD	FV041	0.955	0.024	0.021	0.148
	FV051	0.825	0.102	0.073	0.502
BEER, ALE, AND OTHER MALT BEVERAGES AT HOME	FW011	0.742	0.107	0.152	0.650
WHISKEY AT HOME	FW021	0.745	0.118	0.137	0.638
WINE AT HOME	FW031	0.780	0.102	0.117	0.462
BEER, ALE, AND OTHER MALT BEVERAGES AWAY FROM HOME	FX011	0.889	0.057	0.053	0.339
CIGARETTES	GA011	0.563	0.234	0.203	0.860
CIGARS	GA021	0.772	0.120	0.108	0.712
COLORING	GB011	0.770	0.093	0.138	0.648
DENTAL PREPARATIONS	GB012	0.819	0.064	0.117	0.524
DEODORANT, ANTIPERSPIRANT	GB013	0.835	0.061	0.104	0.511
HAIR DRYER	GB014	0.858	0.023	0.119	0.500
LIPSTICK, GLOSS, ROUGE	GB021	0.872	0.045	0.083	0.398
BEAUTY PARLOR SERVICES FOR FEMALES	GC011	0.931	0.033	0.036	0.270
LEGAL SERVICES	GD011	0.963	0.030	0.007	0.254
FUNERAL EXPENSES	GD021	0.831	0.087	0.082	0.715
COIN-OPERATED APPAREL LAUNDRY AND DRY CLEANING	GD031	0.929	0.035	0.036	0.260
SHOE REPAIR AND OTHER SHOE SERVICES	GD041	0.934	0.045	0.021	0.313
WOMEN'S AND GIRLS' CLOTHING ALTERATIONS AND REPAIRS	GD042	0.937	0.026	0.037	0.281
REPLACEMENT OF SETTING FOR WOMEN'S RINGS	GD043	0.896	0.057	0.046	0.329
PERIODIC CHK ACT FEES, TRANS FEES, PERS CHKS	GD051	0.924	0.053	0.023	0.271
TAX RETURN PREPARATION AND OTHER ACCOUNTING FEES	GD052	0.889	0.059	0.052	0.377
CARE OF INVALIDS, ELDERLY AND CONVALESCENTS IN THE HOME	GD061	0.931	0.047	0.022	0.286
STATIONERY	GE011	0.886	0.040	0.074	0.545
LUGGAGE	GE012	0.731	0.081	0.188	0.364
STROLLER	GE013	0.827	0.098	0.075	1.000
HOUSING AT SCHOOL, EXCLUDING BOARD RENTAL OF LODGING AWAY FROM HOME	HB011				
	HB021	0.511	0.308	0.181	0.786
TENANTS' INSURANCE	HD011	0.783	0.114	0.103	0.665
FUEL OIL	HE011	0.349	0.462	0.189	0.923
BOTTLED OR TANK GAS	HE021	0.576	0.293	0.131	0.775
ELECTRICITY	HF011	0.539	0.290	0.171	0.820
UTILITY NATURAL GAS SERVICE	HF021	0.368	0.396	0.236	0.979
WATER AND SEWERAGE SERVICE	HG011	0.746	0.162	0.092	0.648

Table 28: Fraction of Time spent at the Mode, by ELI (cont.)

	ELI	At Mode	Above Mode	Below Mode	Change in Mode
GARBAGE/TRASH COLLECTION	HG021	0.816	0.116	0.068	0.580
ROOM SIZE RUGS	HH011	0.749	0.122	0.128	0.730
CURTAINS AND DRAPES	HH021	0.780	0.100	0.120	0.415
VENETIAN BLINDS	HH022	0.746	0.117	0.137	0.525
TOWELS, WASH CLOTHS, BATH MATS	HH031	0.680	0.116	0.204	0.483
BEDSPREADS	HH032	0.673	0.152	0.175	0.523
DISHCLOTHS AND DISHTOWELS	HH033	0.837	0.058	0.105	0.615
MATTRESSES AND SPRINGS	HJ011	0.756	0.121	0.123	0.386
BEDROOM CASE GOODS	HJ012	0.791	0.102	0.107	0.525
SOFAS OTHER THAN SOFA BEDS	HJ021	0.668	0.163	0.169	0.688
RECLINERS	HJ022	0.719	0.137	0.144	0.659
LIVING ROOM TABLES	HJ023	0.736	0.149	0.116	0.533
KITCHEN TABLE, CHAIR AND SETS	HJ024	0.742	0.093	0.165	0.639
CRIB AND MATTRESS	HJ031	0.878	0.045	0.077	0.240
CHAISE LOUNGE	HJ032	0.712	0.156	0.132	0.600
RECORD CABINET, CURIO CABINET, BOOKCASE	HJ033	0.773	0.107	0.120	0.434
REFRIGERATOR	HK011	0.596	0.251	0.153	0.739
WASHERS	HK012	0.585	0.229	0.187	0.833
STOVES AND OVENS EXCLUDING MICROWAVES	HK013	0.573	0.235	0.192	0.923
MICROWAVE OVENS	HK014	0.681	0.121	0.198	0.700
FLOOR CLEANING EQUIPMENT	HK021	0.753	0.101	0.146	0.412
BLENDERS	HK022	0.777	0.114	0.109	0.517
FAN	HK023	0.862	0.049	0.089	0.257
CEILING AND WALL LIGHTS	HL011	0.812	0.096	0.092	0.400
PAINTINGS AND PICTURES	HL012	0.861	0.052	0.087	0.326
INDOOR PLANTS	HL021	0.853	0.074	0.073	0.400
PLASTIC DINNERWARE	HL031	0.769	0.103	0.128	0.476
FLATWARE	HL032	0.734	0.107	0.159	0.733
NONELECTRIC COOKINGWARE	HL041	0.829	0.073	0.098	0.453
TABLEWARE AND NONELECTRIC KITCHENWARE	HL042	0.863	0.055	0.082	0.468
PAINT	HM011	0.796	0.080	0.124	0.526
PORTABLE SANDING/POLISHING TOOLS	HM012	0.832	0.067	0.101	0.339
ROPE	HM013	0.850	0.063	0.087	0.529
GENERAL PURPOSE AND AUTO	HM014	0.938	0.023	0.040	0.333
LARGE EQUIPMENT, POWERED	HM021	0.758	0.118	0.124	0.625
FERTILIZER, WEED/PEST KILLERS, LAWN/GARDEN					
INSECTICIDES	HM022	0.881	0.045	0.074	0.416
SOAPS AND DETERGENTS	HN011	0.737	0.116	0.147	0.580
UTILITY PAIL	HN012	0.923	0.022	0.055	0.389
HOUSEHOLD PAPER PRODUCTS	HN021	0.704	0.142	0.154	0.613
MISCELLANEOUS PAPER, PLASTIC, FOIL PRODUCTS	HN031	0.787	0.087	0.126	0.503
DOMESTIC SERVICES	HP011	0.921	0.047	0.032	0.259
GARDENING OR LAWN CARE SERVICES	HP021	0.840	0.112	0.048	0.613
MOVING, STORAGE, FREIGHT EXPRESS	HP031	0.790	0.117	0.093	0.592
APPLIANCE REPAIR	HP041	0.796	0.117	0.088	0.750
REUPHOLSTERY OF FURNITURE	HP042	0.859	0.074	0.067	0.657
INSIDE HOME MAINTENANCE AND REPAIR SERVICES	HP043	0.792	0.113	0.095	0.647
PRESCRIPTION DRUGS	MA011	0.728	0.128	0.144	0.822
INTERNAL AND RESPIRATORY OVER-THE-COUNTER DRUGS	MB011	0.785	0.095	0.120	0.641
TOPICALS AND DRESSINGS	MB021	0.819	0.080	0.101	0.638
MEDICAL EQUIPMENT FOR GENERAL USE	MB022	0.801	0.091	0.109	0.632
SUPPORTIVE MEDICAL EQUIPMENT	MB023	0.863	0.051	0.087	0.618
GENERAL MEDICAL PRACTICE	MC011	0.947	0.029	0.024	0.264
PROSTHODONTICS AND IMPLANTS	MC021	0.900	0.047	0.053	0.432

Table 28: Fraction of Time spent at the Mode, by ELI (cont.)

	ELI	At Mode	Above Mode	Below Mode	Change in Mode
OPTOMETRISTS/OPTICIANS	MC031	0.857	0.063	0.080	0.404
PHYSICAL MEDICINE	MC041	0.960	0.019	0.021	0.184
HOSPITAL SERVICES	MD011	0.854	0.082	0.064	0.603
NURSING AND CONVALESCENT HOME CARE	MD021	0.887	0.076	0.036	0.670
TELEVISIONS	RA011	0.657	0.154	0.189	0.609
COMMUNITY ANTENNA OR CABLE TV	RA021	0.774	0.093	0.132	0.917
OTHER VIDEO EQUIPMENT	RA031	0.757	0.088	0.155	0.438
PRERECORDED - VIDEO TAPES AND DISCS	RA041	0.827	0.064	0.109	0.667
RENTAL OF VIDEO TAPES AND DISCS	RA042	0.854	0.070	0.076	0.500
RADIO, PHONOGRAPHS AND TAPE RECORDERS/PLAYERS	RA051	0.803	0.060	0.137	0.341
PRERECORDED - RECORDS, COMPACT DISCS, AND TAPES	RA061	0.851	0.050	0.099	0.513
DOG FOOD	RB011	0.762	0.106	0.132	0.544
DOGS	RB012	0.883	0.050	0.066	0.480
PET SERVICES	RB021	0.880	0.079	0.041	0.367
VETERINARIAN SERVICES	RB022	0.846	0.070	0.084	0.579
OUTBOARD MOTORS GASOLINE POWERED	RC011	0.780	0.121	0.099	0.524
UNPOWERED BOATS	RC012	0.784	0.113	0.103	0.444
BICYCLES AND ACCESSORIES	RC013	0.706	0.127	0.167	0.750
EXERCISE EQUIPMENT	RC021	0.841	0.058	0.101	0.472
SCUBA GEAR AND EQUIPMENT	RC022	0.924	0.000	0.076	0.000
SLEEPING BAGS, COTS, AND OTHER SLEEPING EQUIPMENT	RC023	0.852	0.049	0.099	0.362
FILM	RD011	0.773	0.110	0.116	0.619
STILL CAMERA	RD012	0.760	0.108	0.132	0.500
PHOTOGRAPHER'S FEES	RD021	0.797	0.127	0.076	0.600
FILM PROCESSING	RD022	0.842	0.077	0.081	0.600
DOLLS AND DOLL CLOTHING	RE011	0.904	0.030	0.066	0.447
VIDEO GAME HARDWARE	RE012	0.738	0.129	0.133	0.667
MATERIALS FOR MAKING					
SLIPCOVERS,UPHOLSTERY,CURTAINS & DRAPERIES	RE021	0.869	0.038	0.093	0.348
STRING INSTRUMENTS	RE031	0.836	0.079	0.086	0.494
CLUB MEMBERSHIP DUES	RF011	0.803	0.105	0.093	0.659
ADMIS. TO MOVIES, THEATERS, CONCERTS AND OTHER					
RECURRING EVENTS	RF021	0.790	0.100	0.111	0.751
ADMISSION TO SPORTING EVENTS	RF022	0.931	0.016	0.053	0.556
FEES FOR LESSONS OR INSTRUCTIONS	RF031	0.882	0.085	0.033	0.469
SINGLE COPY NEWSPAPERS AND MAGAZINES	RG011	0.916	0.048	0.036	0.239
NEWSPAPER AND MAGAZINE SUBSCRIPTIONS	RG012	0.903	0.046	0.051	0.319
BOOKS PURCHASED THROUGH BOOK CLUBS	RG021	0.811	0.107	0.082	0.713
BOOKS NOT PURCHASED THROUGH BOOK CLUBS	RG022	0.913	0.036	0.050	0.414
SUBCOMPACT CARS	TA011	0.596	0.212	0.193	0.850
NEW MOTORCYCLES	TA012	0.852	0.091	0.056	0.875
USED CARS	TA021	0.250	0.250	0.500	
VEHICLE LEASING	TA031	0.519	0.274	0.208	0.833
AUTOMOBILE RENTAL	TA041	0.453	0.330	0.217	0.812
REGULAR UNLEADED GASOLINE	TB011	0.228	0.455	0.317	0.974
MIDGRADE UNLEADED GASOLINE	TB012	0.231	0.451	0.318	0.976
PREMIUM UNLEADED GASOLINE	TB013	0.235	0.448	0.317	0.974
AUTOMOTIVE DIESEL FUEL	TB021	0.335	0.434	0.231	0.928
ALTERNATIVE AUTOMOTIVE FUELS	TB022	0.595	0.204	0.201	1.000
TIRES	TC011	0.594	0.217	0.189	0.791
AUTOMOBILE BATTERIES	TC021	0.836	0.080	0.084	0.439
MOTOR OIL	TC022	0.764	0.116	0.120	0.583
PAINTING ENTIRE MOTOR VEHICLE	TD011	0.766	0.140	0.094	
SHOCK ABSORBERS AND MACPHERSON STRUTS	TD021	0.818	0.100	0.083	0.333

Table 28: Fraction of Time spent at the Mode, by ELI (cont.)

	ELI	At Mode	Above Mode	Below Mode	Change in Mode
CLUTCH REPAIR	TD031	0.746	0.147	0.107	0.625
MOTOR VEHICLE INSURANCE	TE011	0.812	0.116	0.071	0.727
STATE VEHICLE REGISTRATION	TF011	0.945	0.036	0.019	0.241
LOCAL AUTOMOBILE REGISTRATION	TF012	0.985	0.015	0.000	0.200
PARKING FEES	TF031	0.932	0.037	0.031	0.257
AUTOMOBILE SERVICE CLUBS	TF032	0.903	0.044	0.053	0.474
AIRLINE FARE	TG011	0.420	0.333	0.247	0.912
INTERCITY BUS FARE	TG021	0.634	0.215	0.151	0.642
INTERCITY TRAIN FARE	TG022	0.662	0.196	0.142	0.672
SHIP FARES	TG023	0.571	0.251	0.178	0.903
INTRACITY MASS TRANSIT	TG031	0.942	0.025	0.033	0.138
TAXI FARE	TG032	0.903	0.049	0.048	0.355

These statistics characterize the degree of stickiness in the store's annual mode (the price quoted most often during the year). "At Mode" is the fraction of months in the year in which the price is equal to the annual mode. "Above Mode" is the fraction of months in the year in which the price is above the annual mode. "Below Mode" is the fraction of months in the year in which the price is below the annual mode. "Change in Mode" is the fraction of years in which the modal price changes from one year to another.

Table 29: Hazard Functions for Regular Prices by Major Group

	Proc. Food	Unproc. Food	Household Furnishings	Apparel	Transport. Goods	Recreation Goods	Other Goods	Utilities	Vehicle Fuel	Services (ex.Travel)	Travel
1	0.207	0.461	0.169	0.126	0.311	0.149	0.204	0.571	0.884	0.164	0.539
2	0.156	0.339	0.106	0.066	0.244	0.102	0.171	0.433	0.774	0.141	0.447
3	0.131	0.272	0.109	0.069	0.216	0.068	0.171	0.564	0.643	0.273	0.407
4	0.117	0.234	0.081	0.059	0.207	0.057	0.172	0.578	0.575	0.141	0.392
5	0.106	0.201	0.078	0.078	0.192	0.065	0.160	0.456	0.483	0.112	0.348
6	0.106	0.177	0.070	0.053	0.171	0.058	0.155	0.751	0.424	0.182	0.335
7	0.104	0.163	0.075	0.045	0.173	0.049	0.162	0.348	0.409	0.114	0.310
8	0.097	0.158	0.078	0.052	0.171	0.045	0.105	0.686	0.368	0.108	0.376
9	0.096	0.155	0.050	0.056	0.156	0.066	0.155	0.427	0.322	0.141	0.272
10	0.095	0.138	0.066	0.046	0.136	0.050	0.143	0.286	0.256	0.147	0.206
11	0.099	0.137	0.088	0.039	0.132	0.080	0.162	0.489	0.222	0.218	0.237
12	0.112	0.112	0.095	0.056	0.122	0.083	0.190	0.984	0.381	0.592	0.369
13	0.098	0.107	0.080	0.046	0.106	0.090	0.147	0.661	0.250	0.247	0.290
14	0.087	0.113	0.027	0.013	0.111	0.048	0.146	0.485	0.222	0.131	0.289
15	0.098	0.099	0.046	0.029	0.093	0.040	0.122	0.617	0.429	0.173	0.374
16	0.089	0.108	0.067	0.017	0.106	0.060	0.121	0.414	0.000	0.128	0.151
17	0.086	0.104	0.032	0.020	0.091	0.045	0.096	0.249	0.250	0.242	0.175
18	0.082	0.086	0.037	0.022	0.110	0.033	0.153	0.582	0.333	0.343	0.189

The sample period is 1998-2005. These numbers correspond to the light solid lines in figure 20.

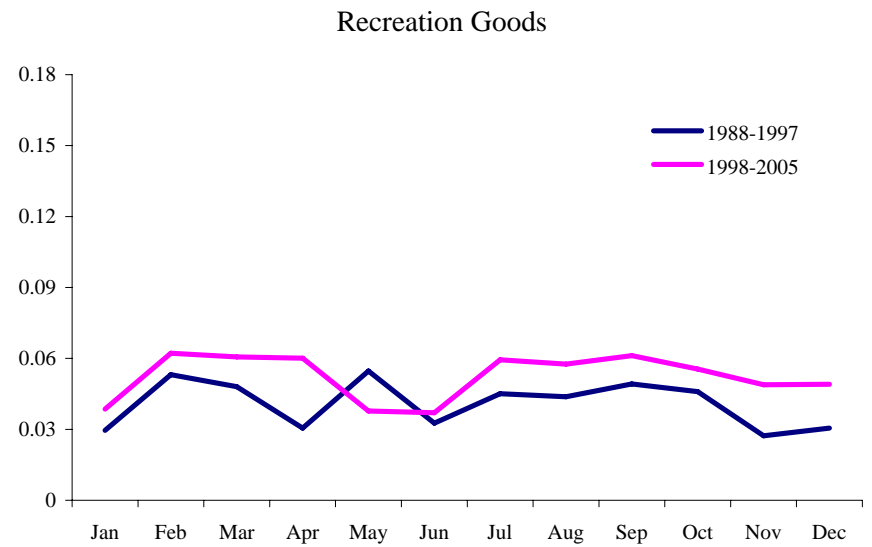
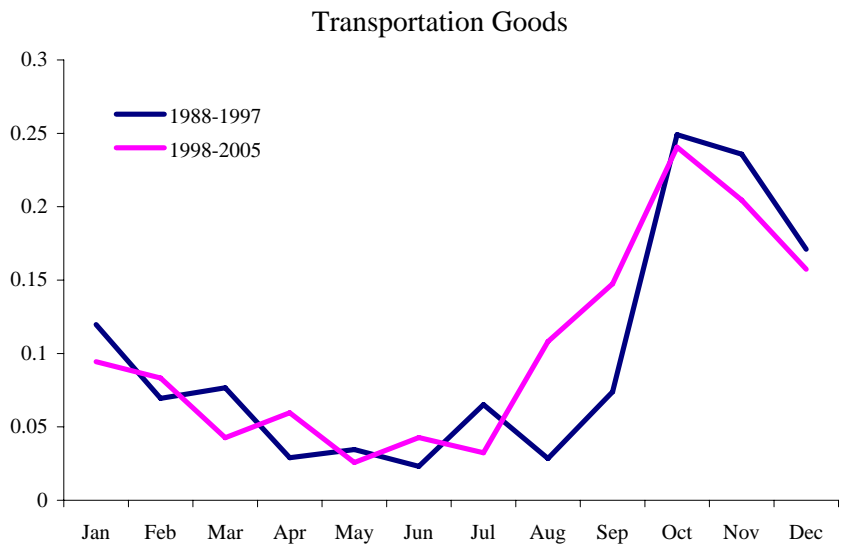
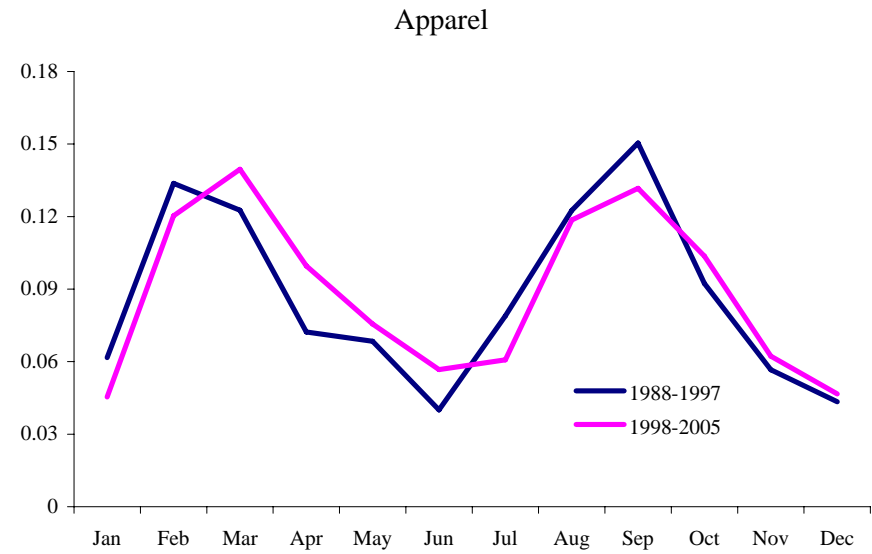
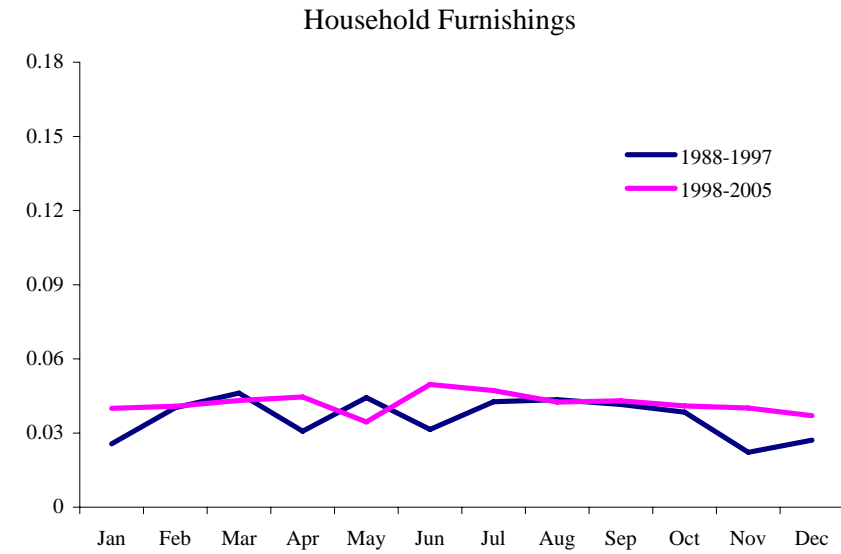


Figure 1: Seasonality in Product Substitution

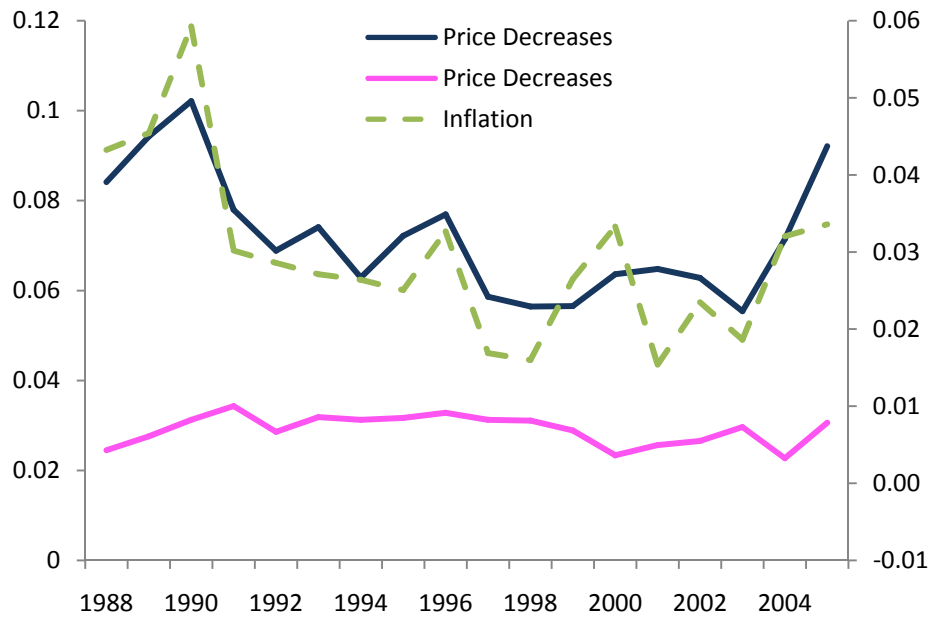


Figure 2: Median Frequency of Regular Price Increases and Decreases and Inflation

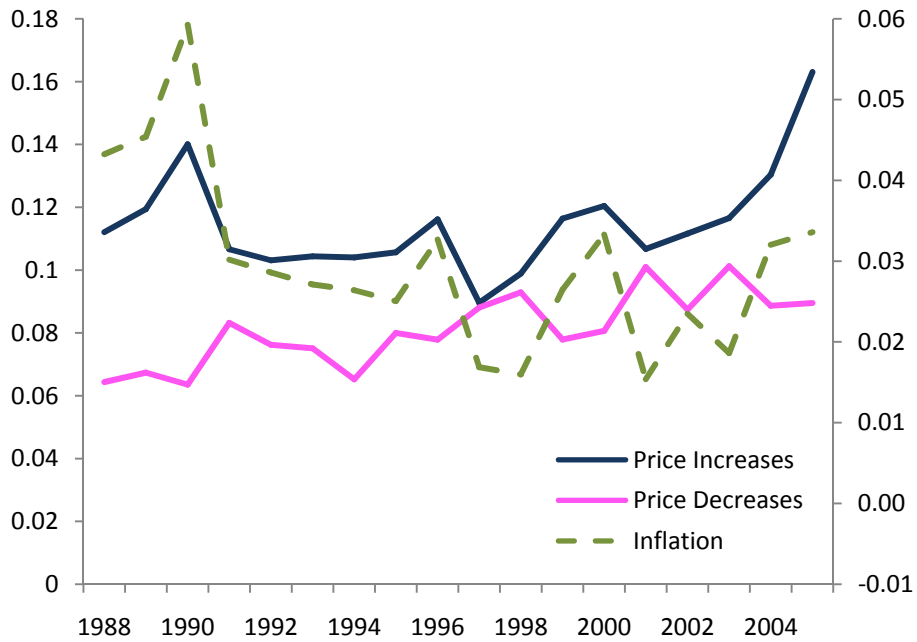


Figure 3: Mean Frequency of Regular Price Increases and Decreases and Inflation

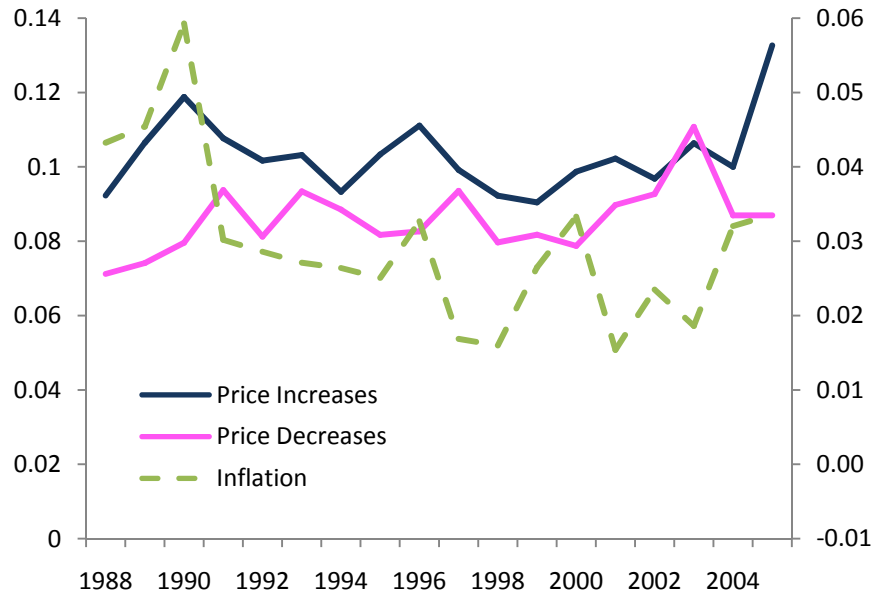


Figure 4: Median Frequency of Price Increases and Decreases (Incl. Sales) and Inflation

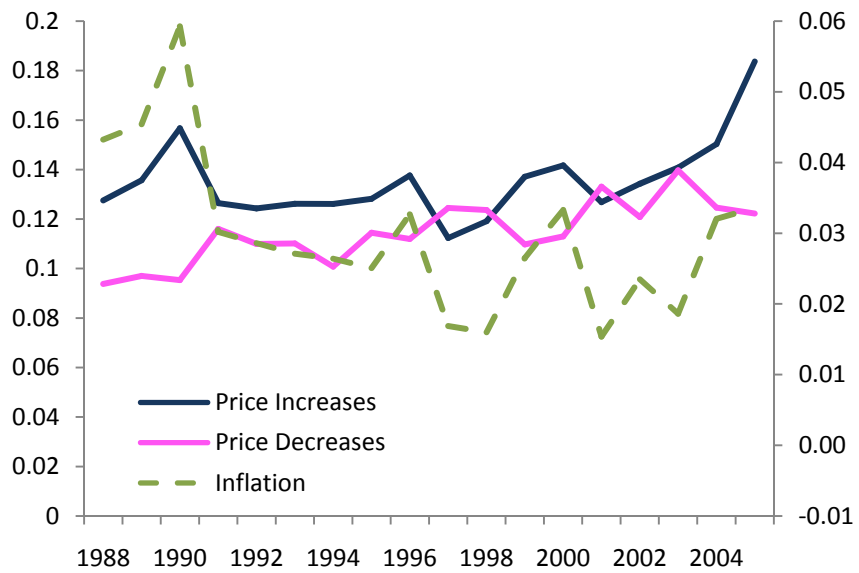


Figure 5: Mean Frequency of Price Increases and Decreases (Incl. Sales) and Inflation

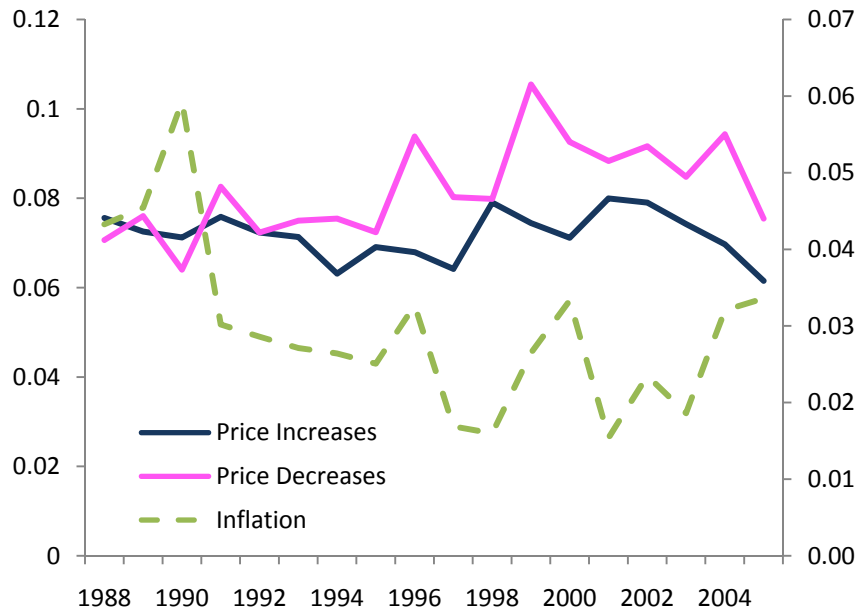


Figure 6: Median Log Size of Regular Price Increases and Decreases

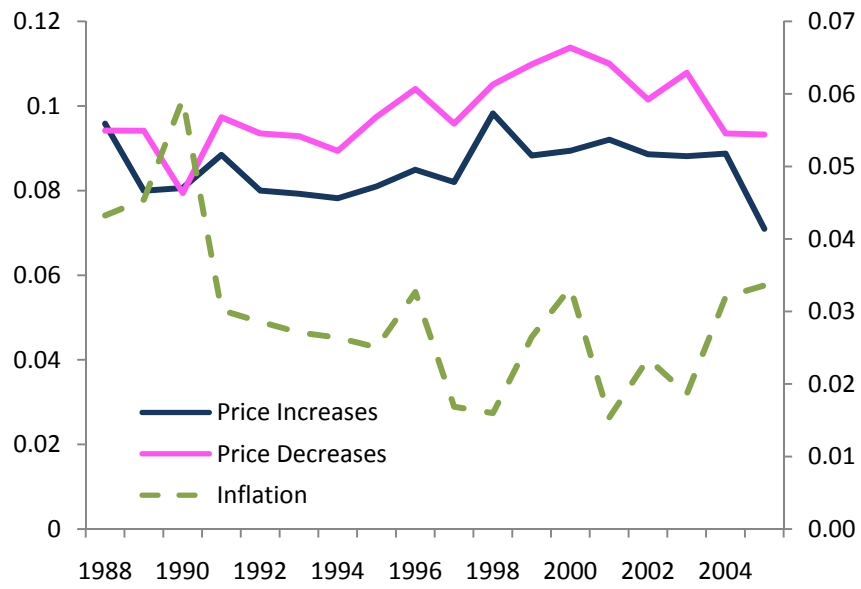


Figure 7: Mean Log Size of Regular Price Increases and Decreases

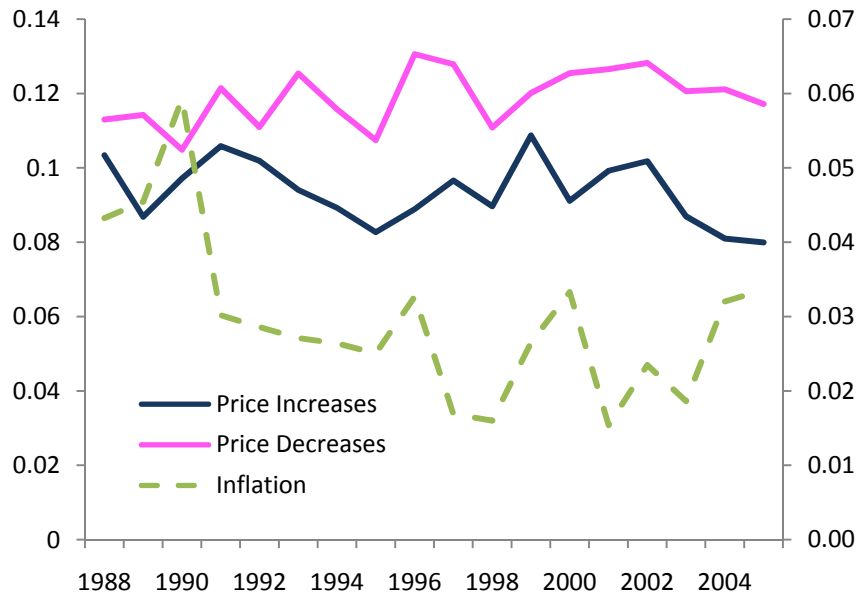


Figure 8: Median Log Size of Price Changes (Incl. Sales) and Inflation

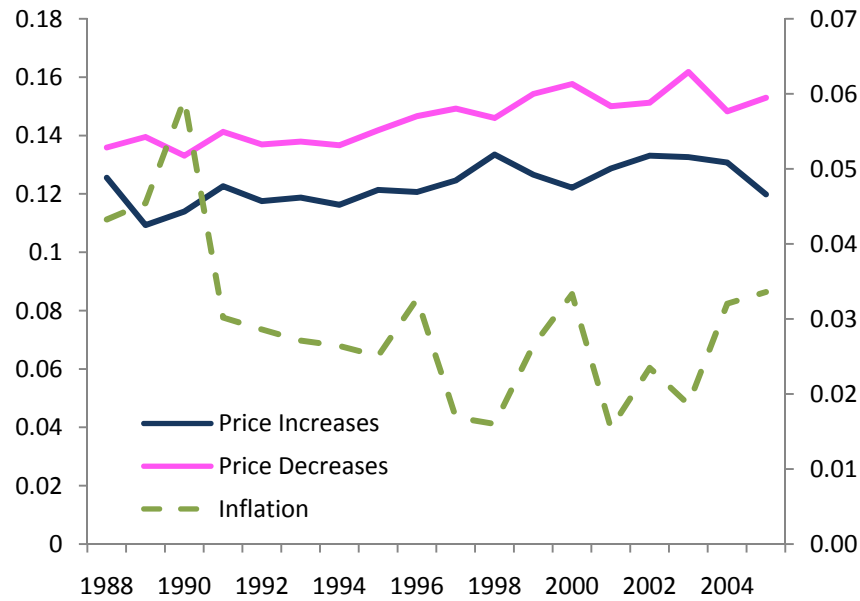


Figure 9: Mean Log Size of Price Increases and Decreases (Incl. Sales) and Inflation

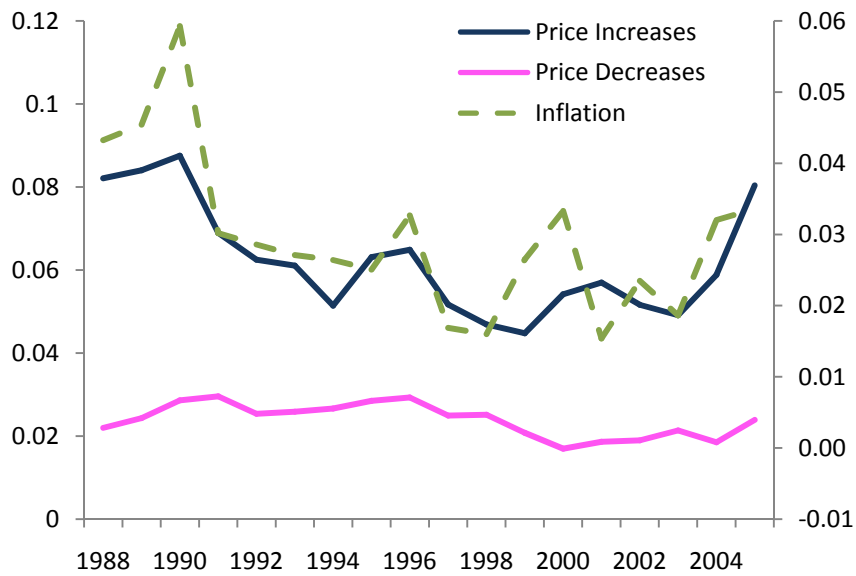


Figure 10: Median Frequency of Regular Price Increases and Decreases Excluding Gasoline, Travel and Used Cars

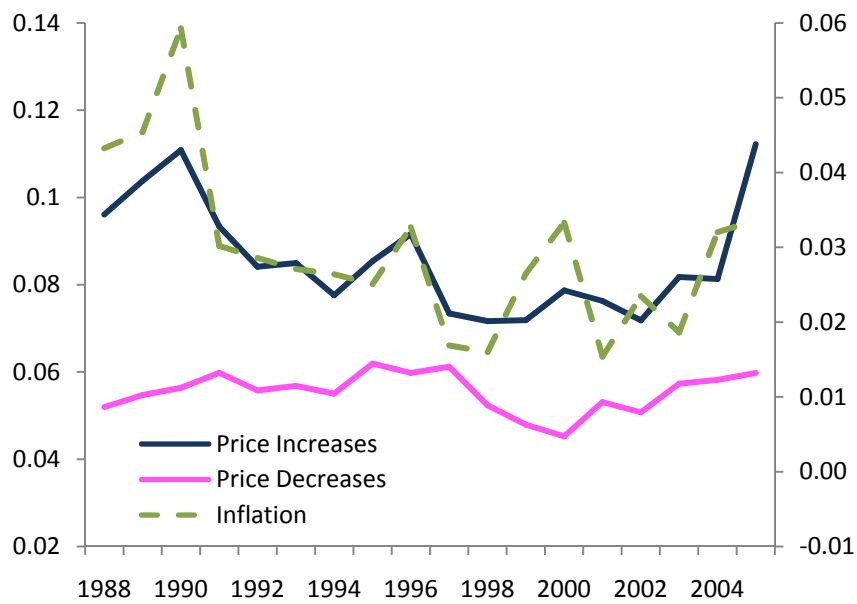


Figure 11: Mean Frequency of Regular Price Increases and Decreases Excluding Gasoline, Travel and Used Cars

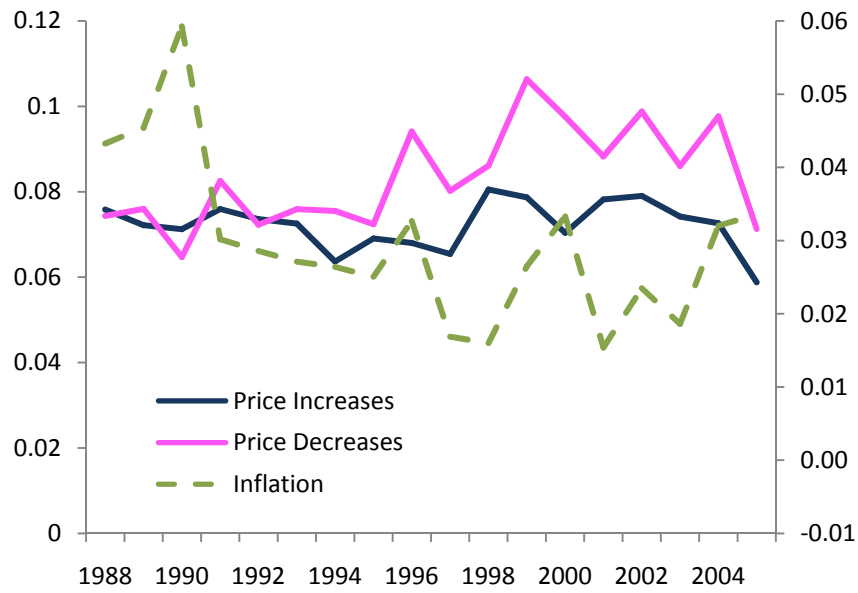


Figure 12: Median Log Size of Regular Price Increases and Decreases Excluding Gasoline, Travel and Used Cars

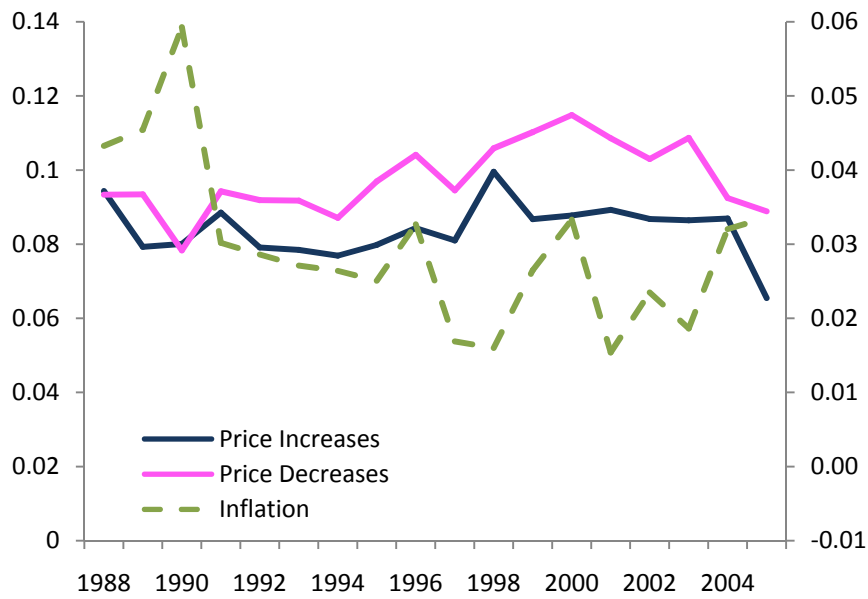


Figure 13: Mean Log Size of Regular Price Increases and Decreases Excluding Gasoline, Travel and Used Cars

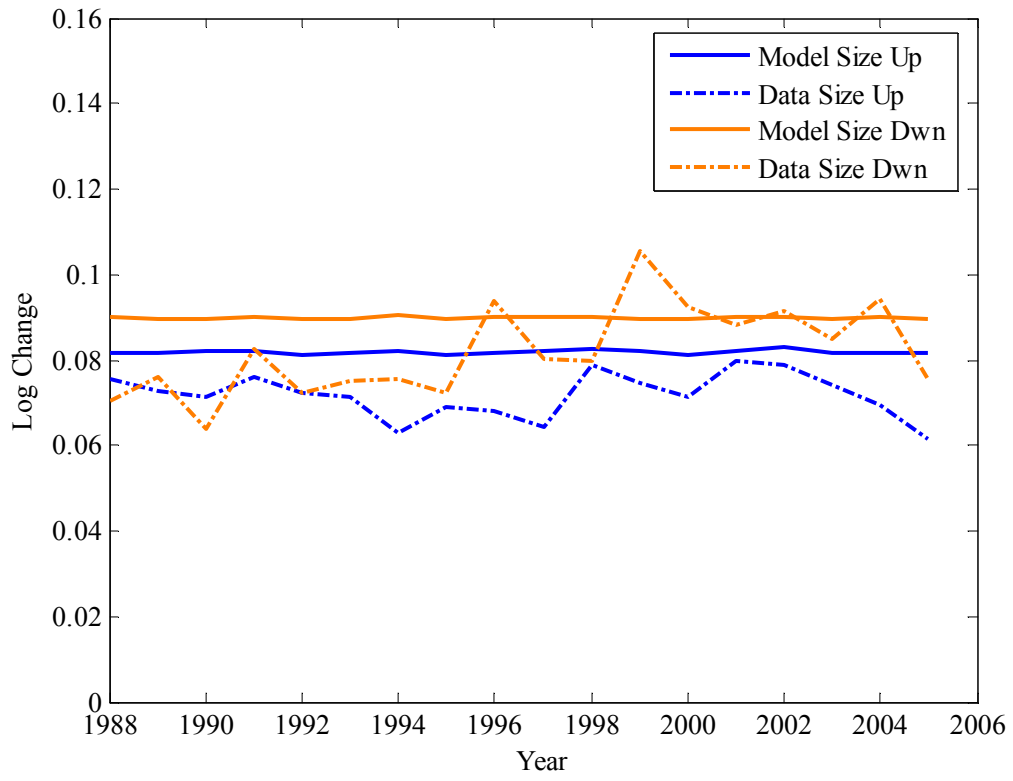


Figure 14: Log Absolute Size of Regular Price Increases and Decreases and Inflation in the Menu Cost Model

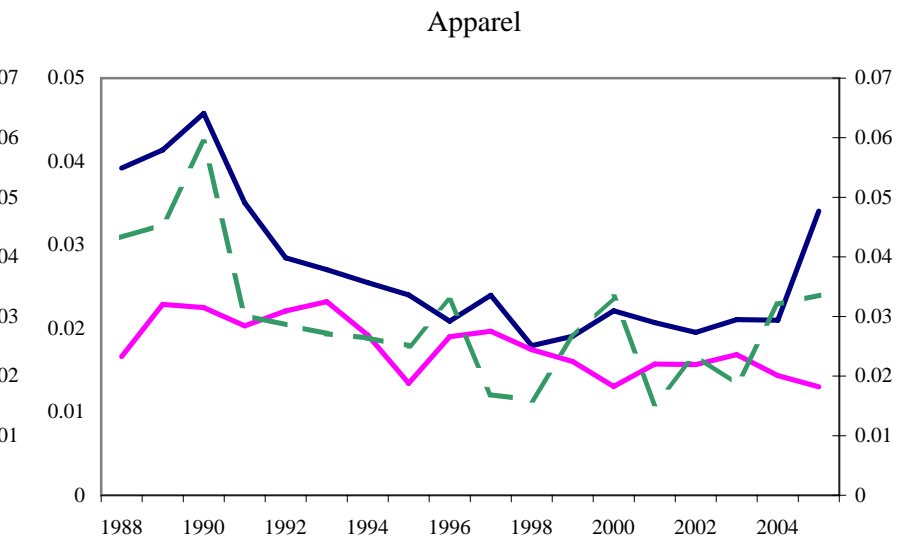
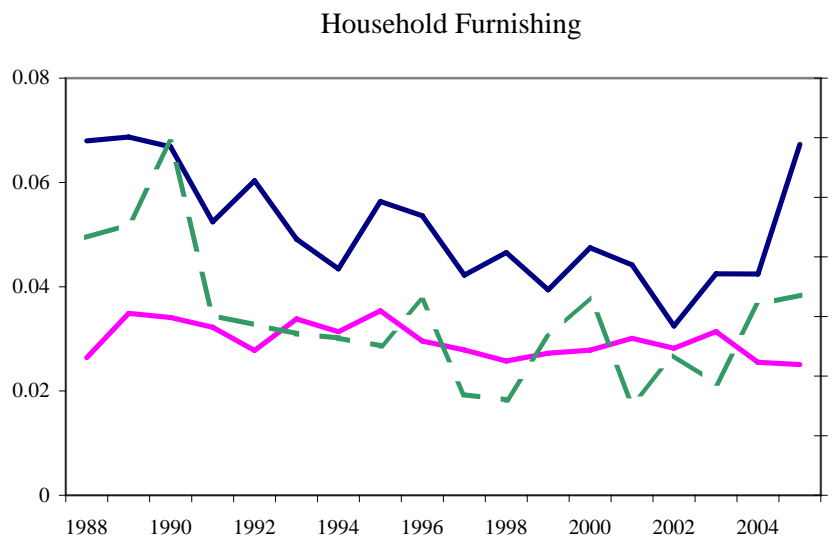
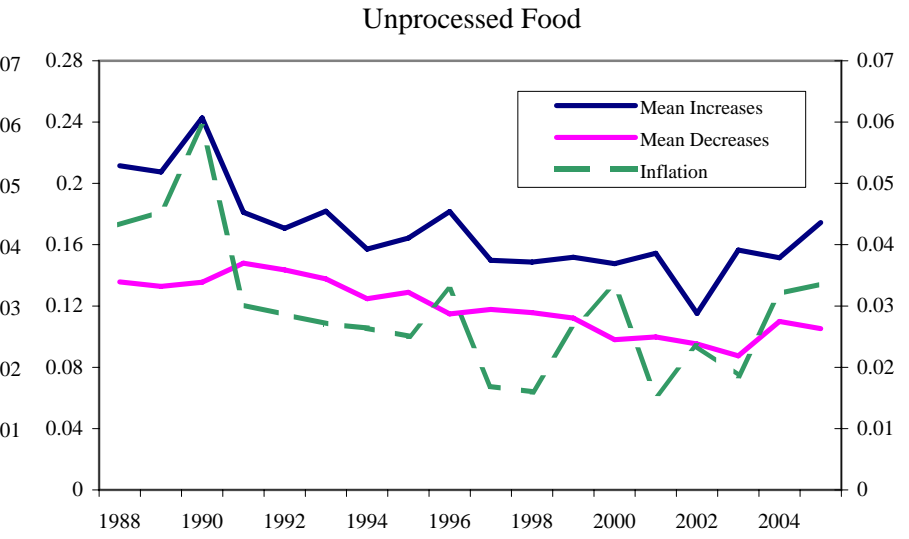
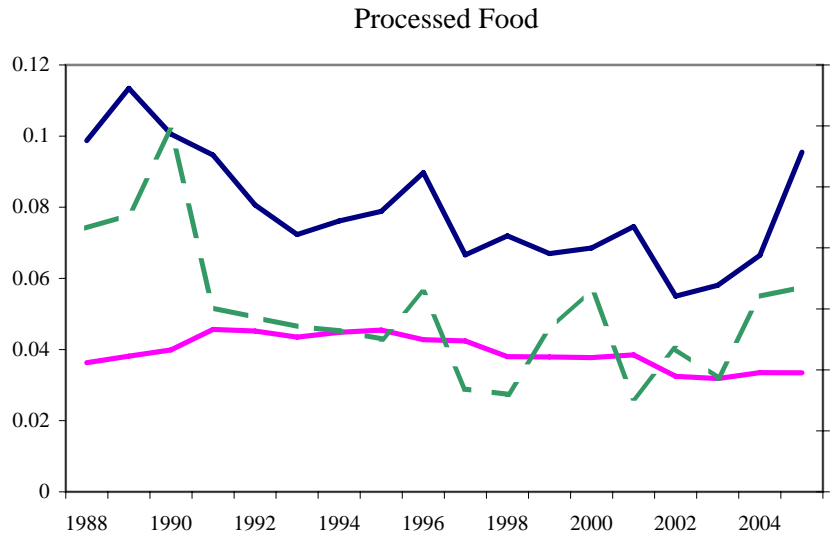
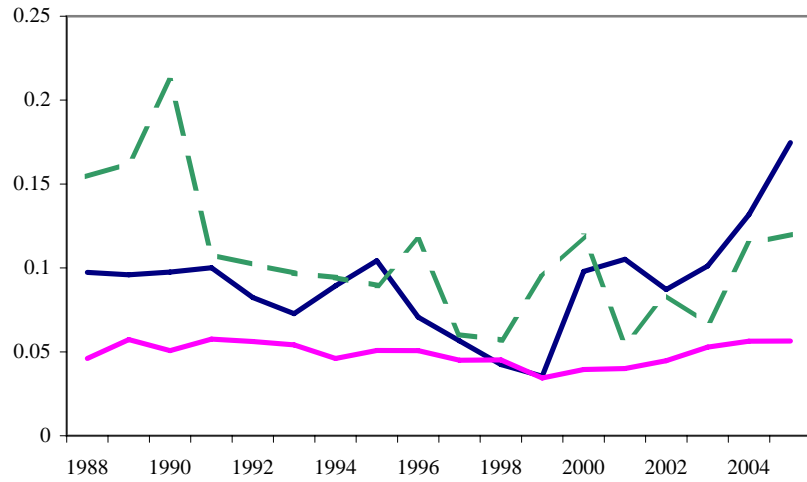
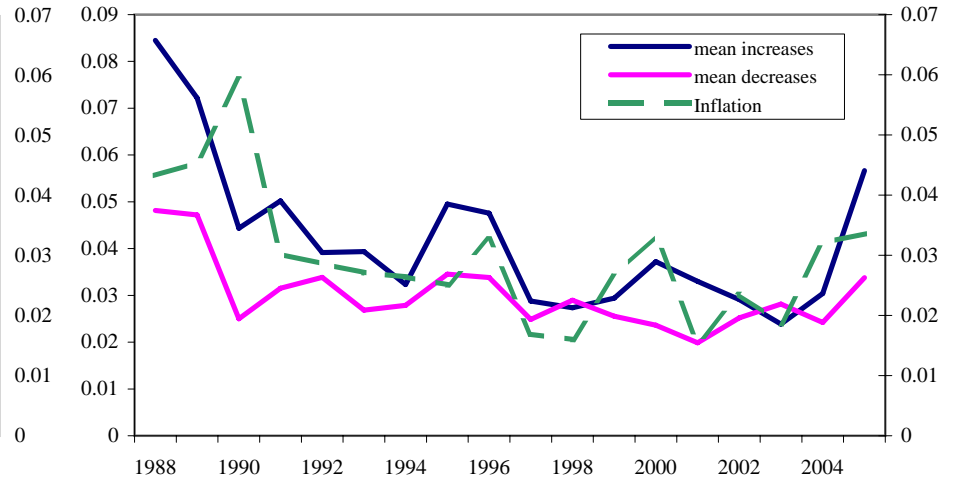


Figure 15: Mean Frequency of Price Increases and Decreases and Inflation Excl. Sales

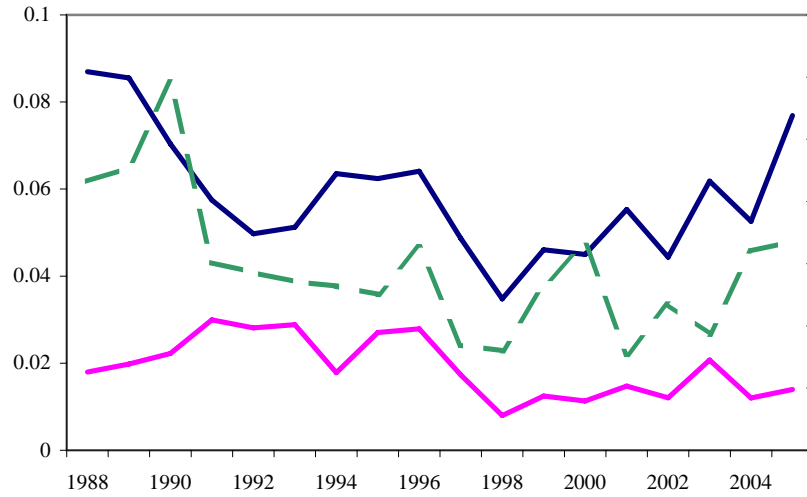
Transportation Goods



Recreation Goods



Services



Utilities

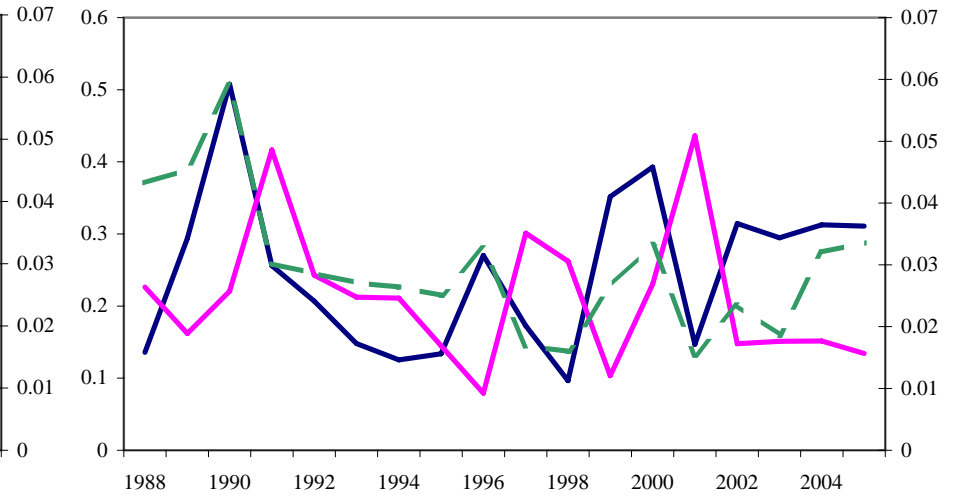


Figure 15: Mean Frequency of Price Increases and Decreases and Inflation Excl. Sales (cont.)

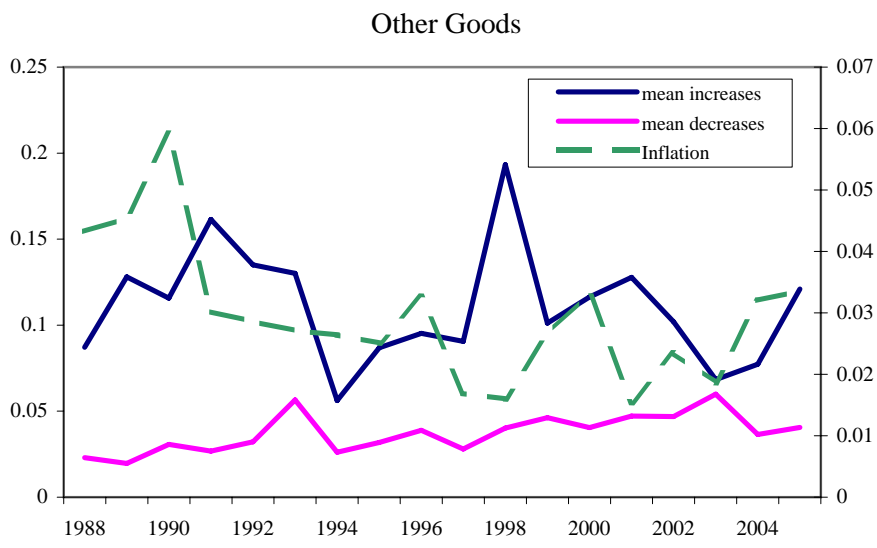
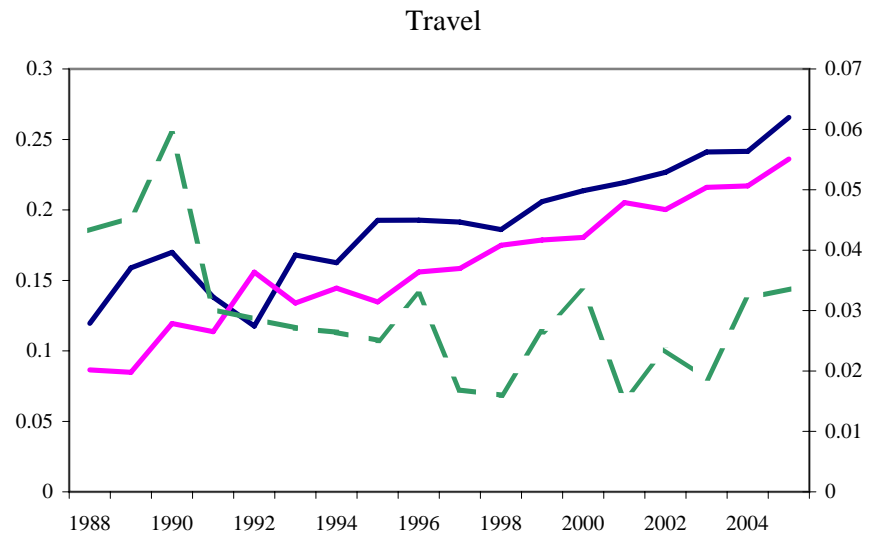
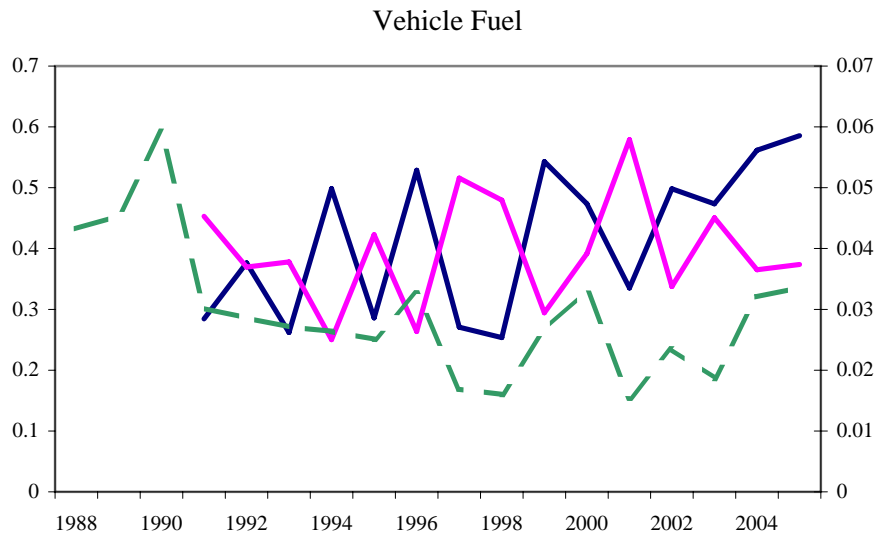


Figure 15: Mean Frequency of Price Increases and Decreases and Inflation Excl. Sales (cont.)

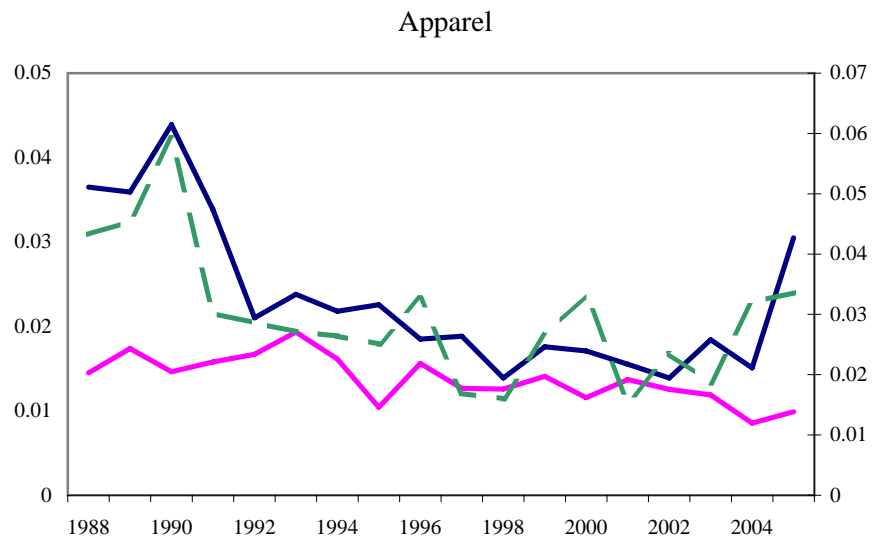
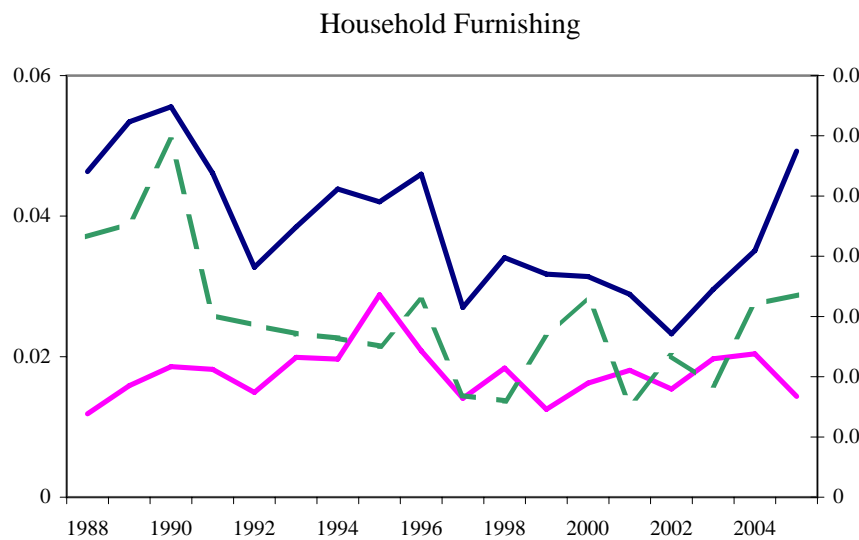
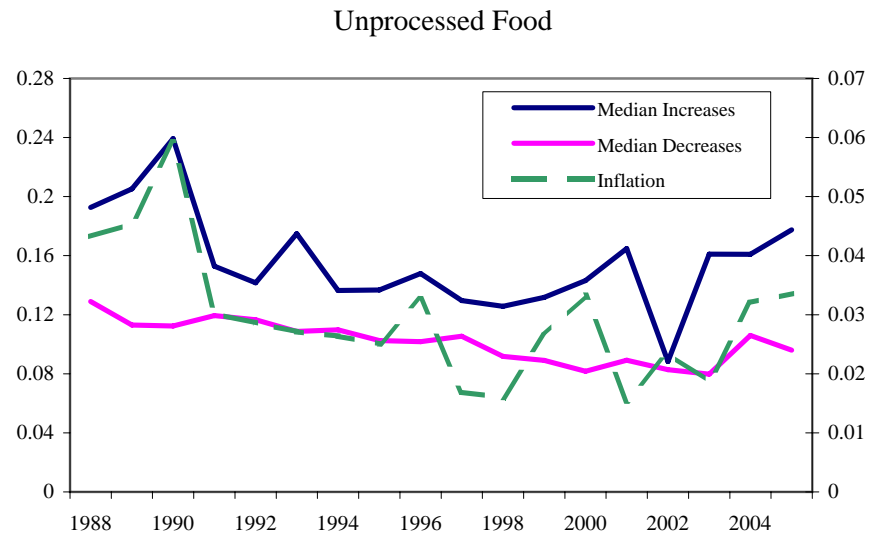
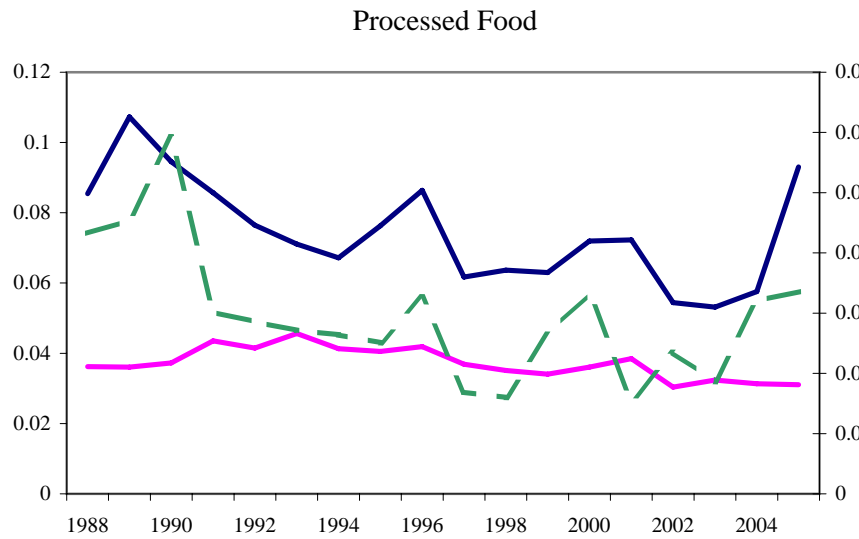


Figure 16: Median Frequency of Price Increases and Decreases and Inflation Excl. Sales

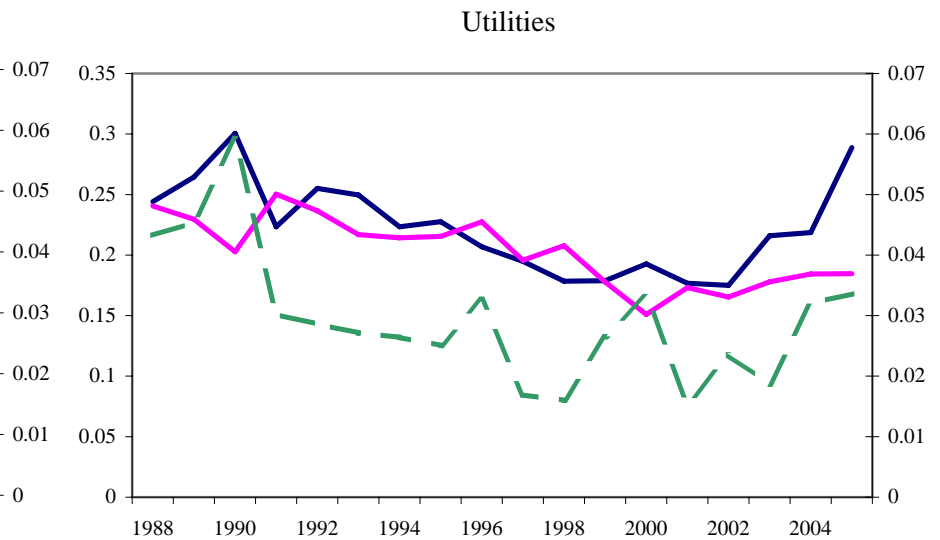
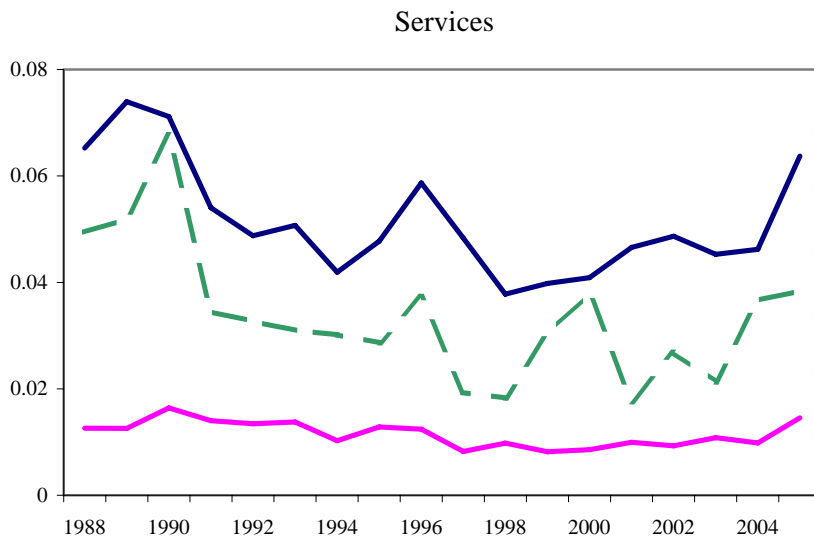
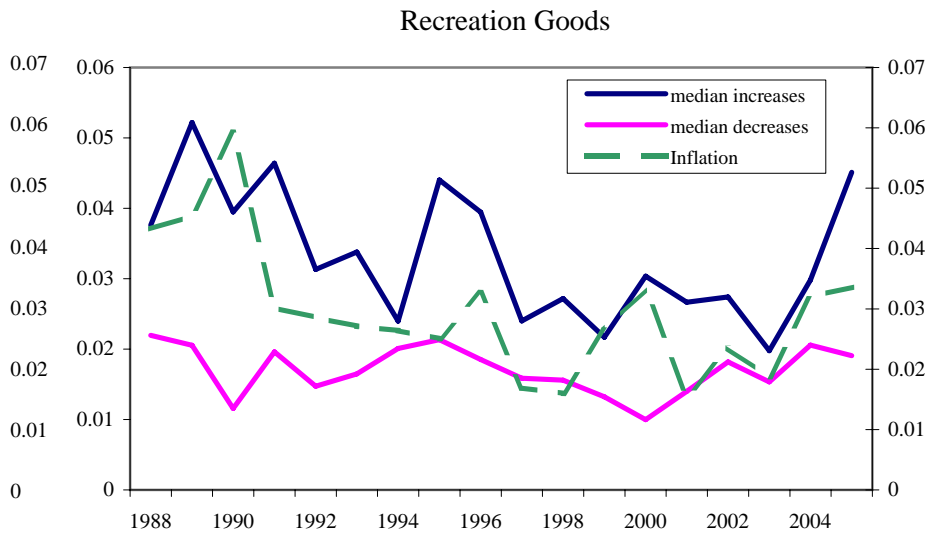
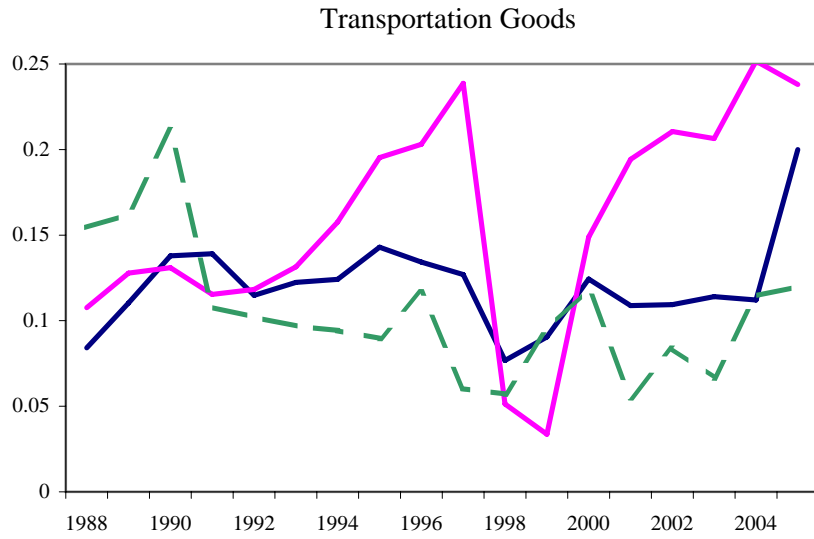
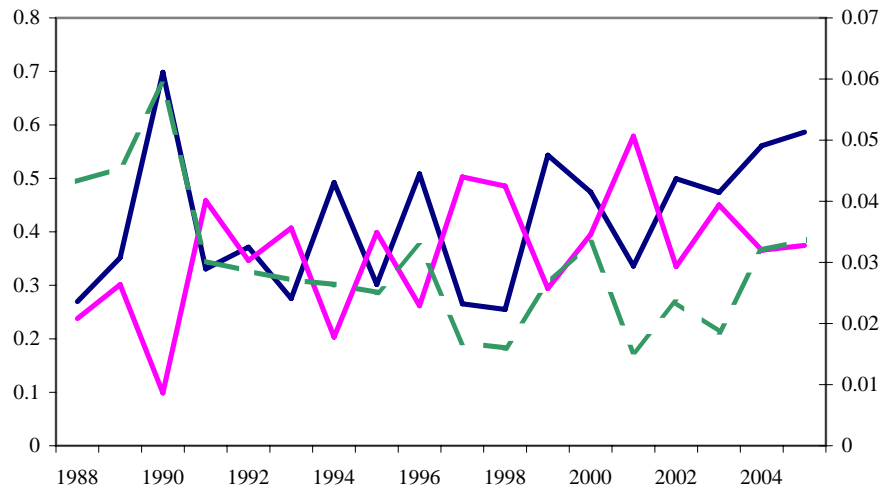
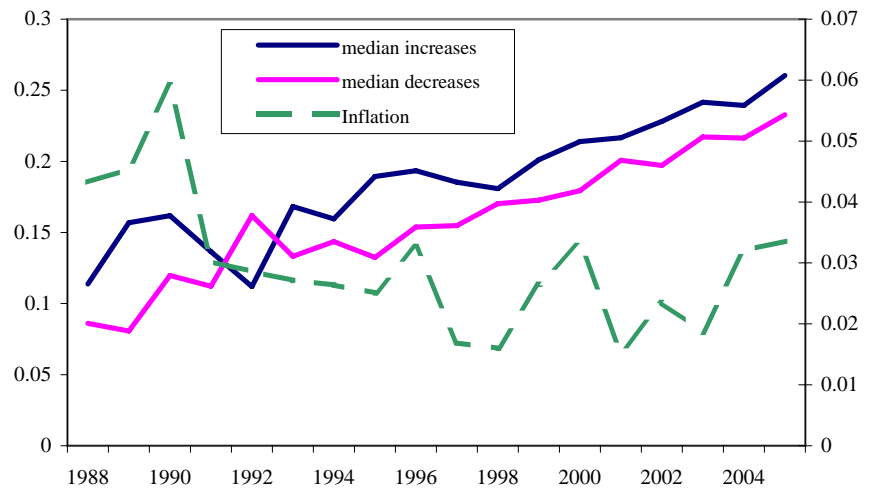


Figure 16: Median Frequency of Price Increases and Decreases and Inflation Excl. Sales (cont.)

Vehicle Fuel



Travel



Other Goods

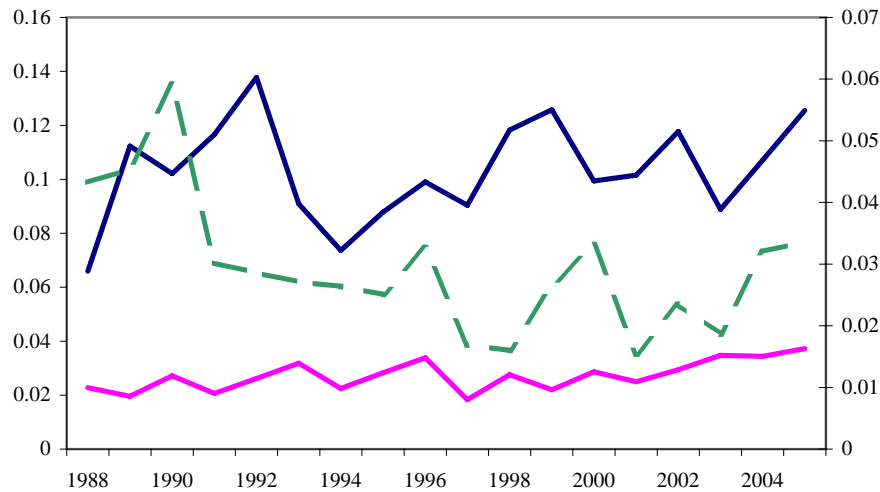


Figure 16: Median Frequency of Price Increases and Decreases and Inflation Excl. Sales (cont.)

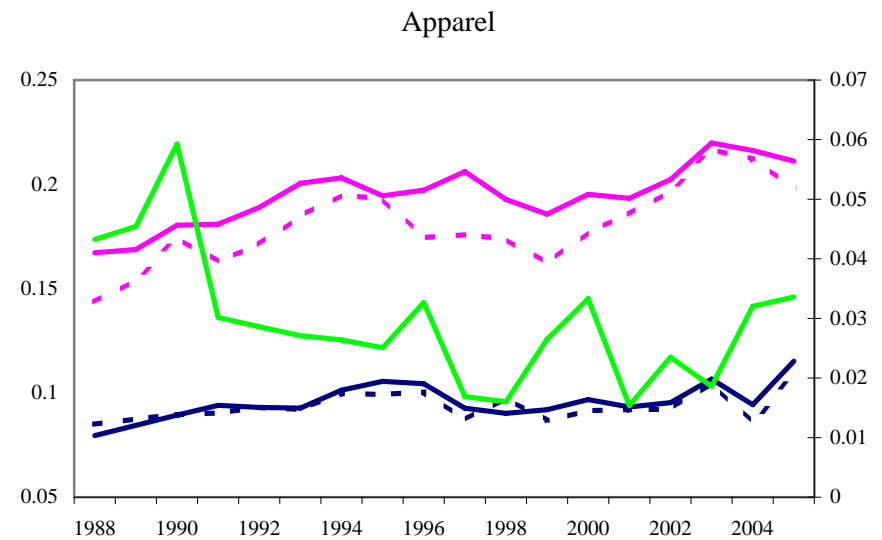
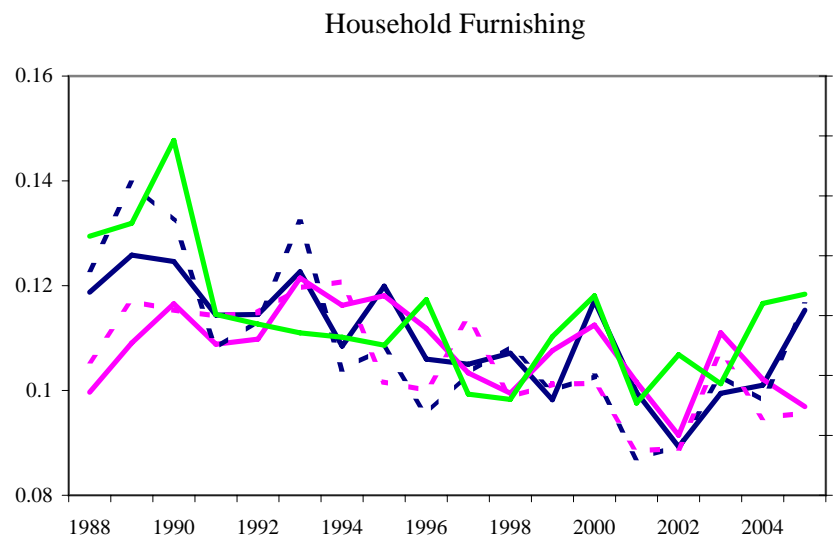
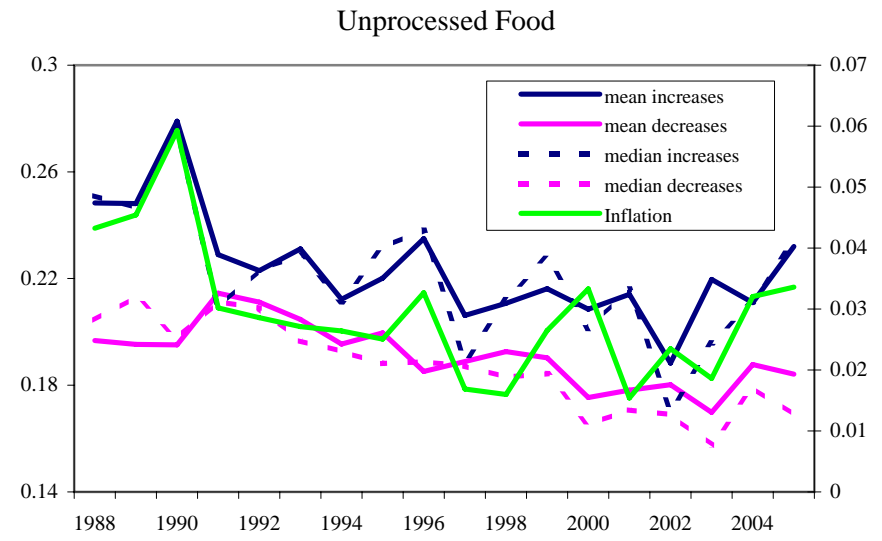
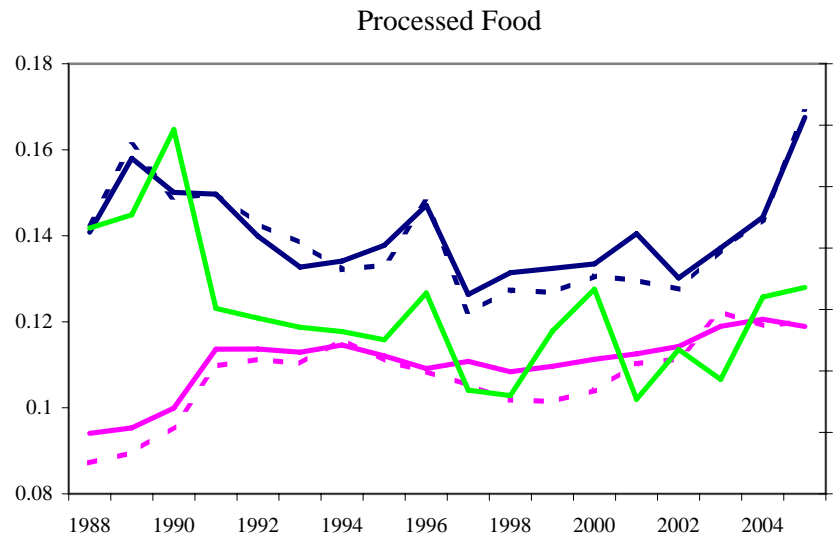


Figure 17: Frequency of Price Increases and Decreases and Inflation Incl. Sales

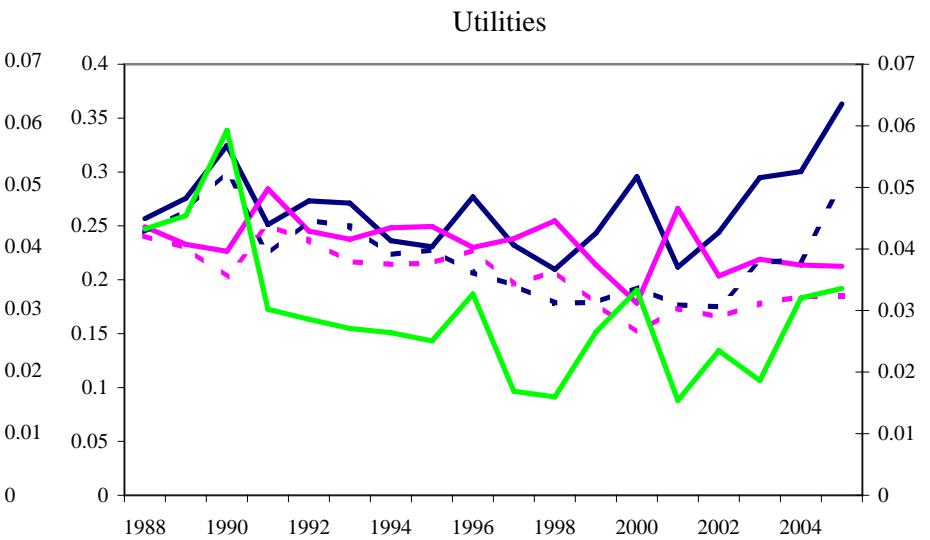
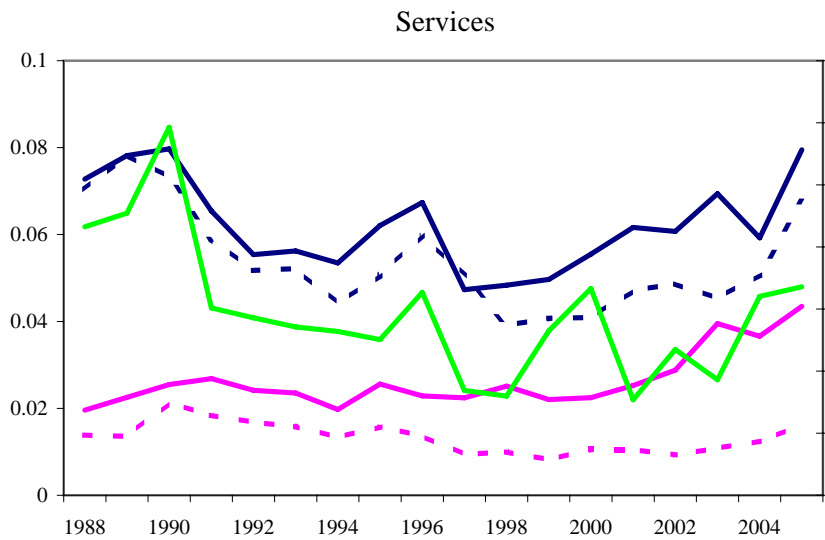
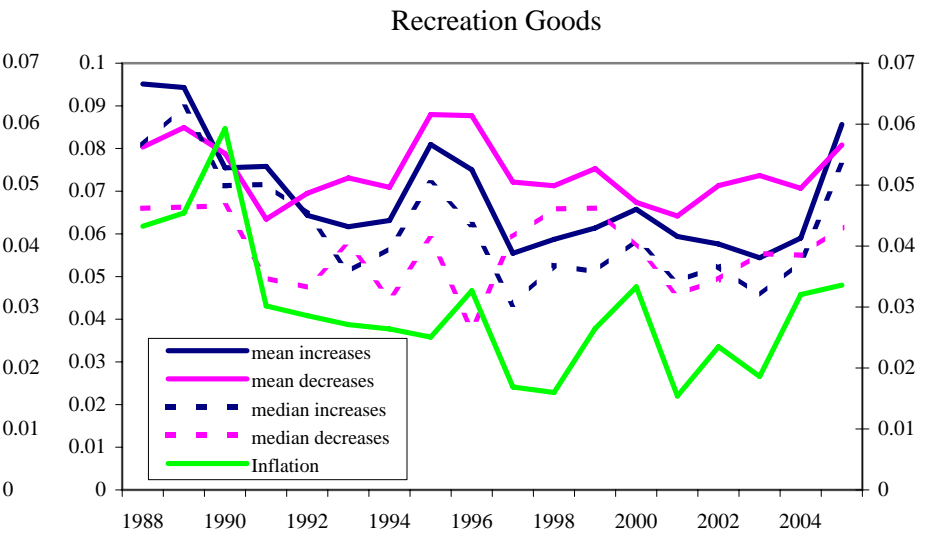
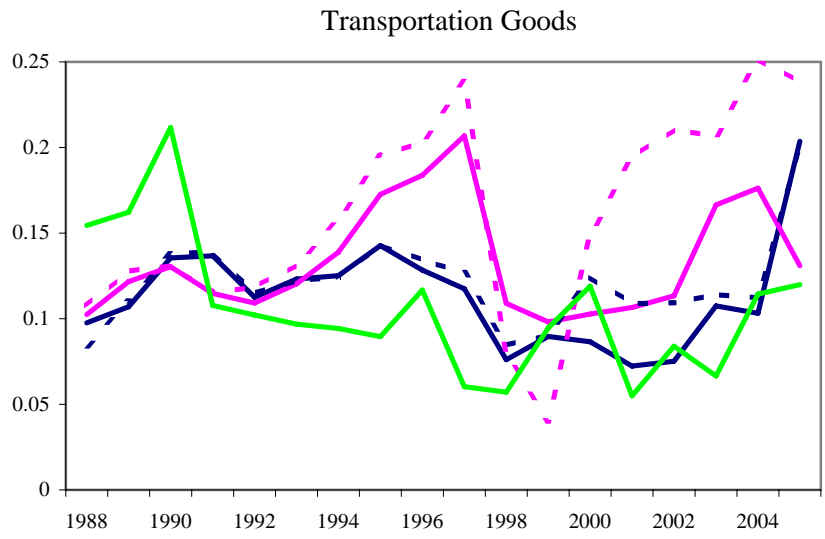


Figure 17: Frequency of Price Increases and Decreases and Inflation Incl. Sales (cont.)

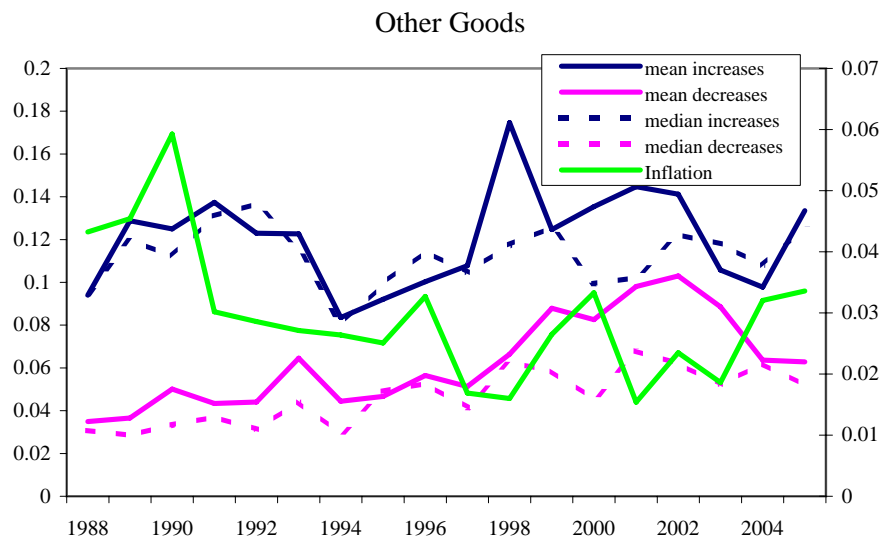
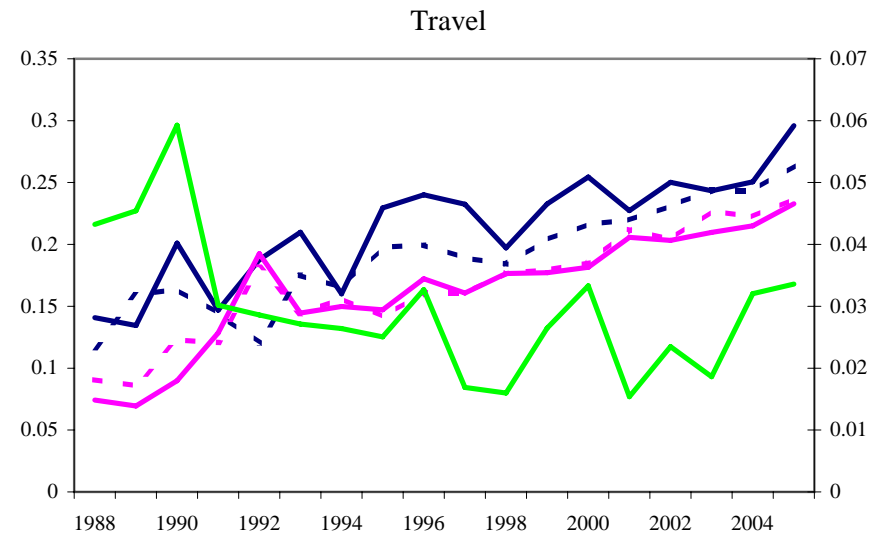
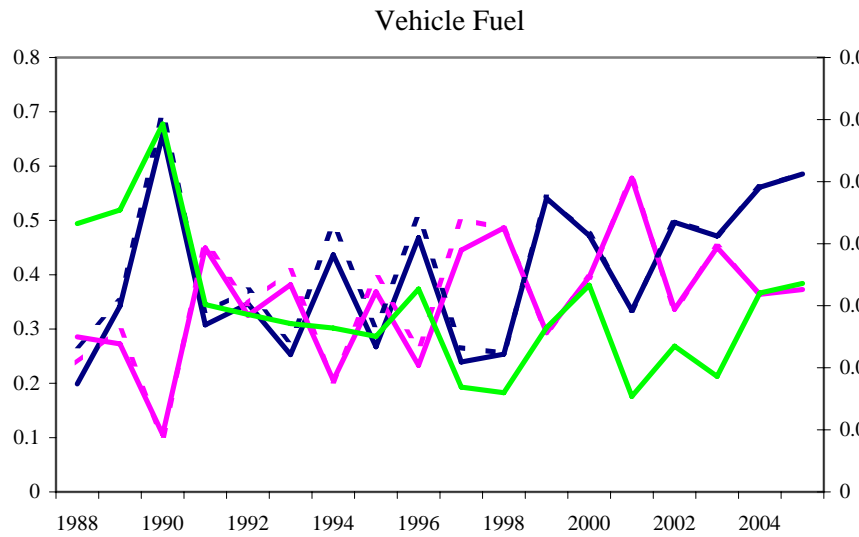
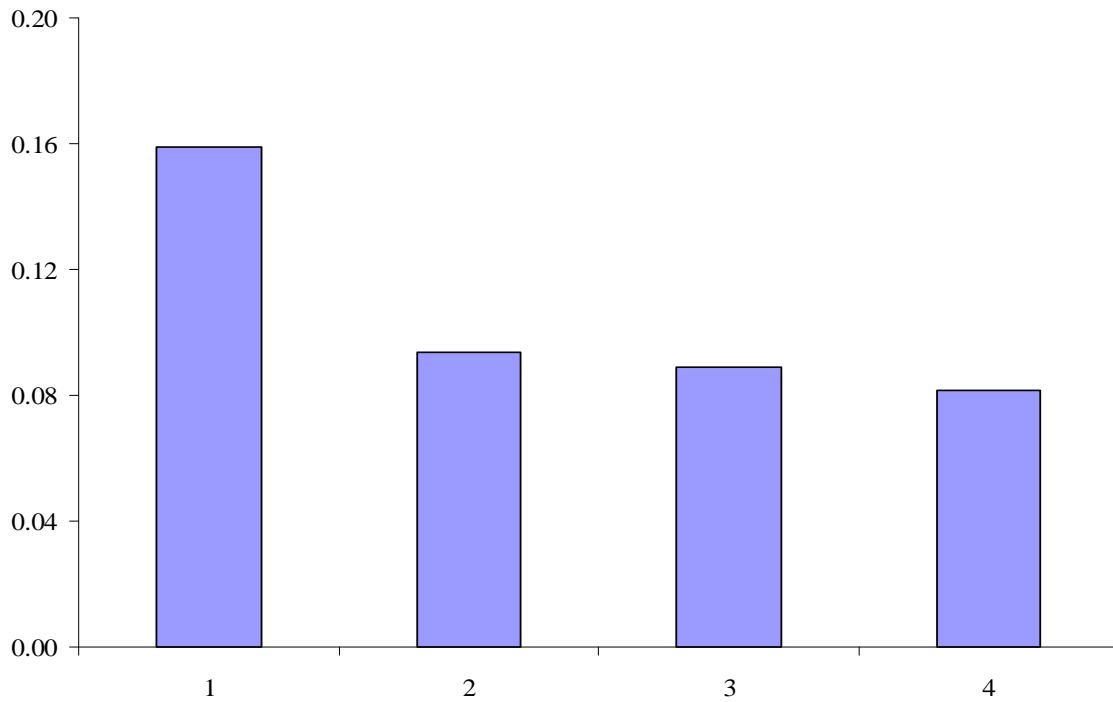


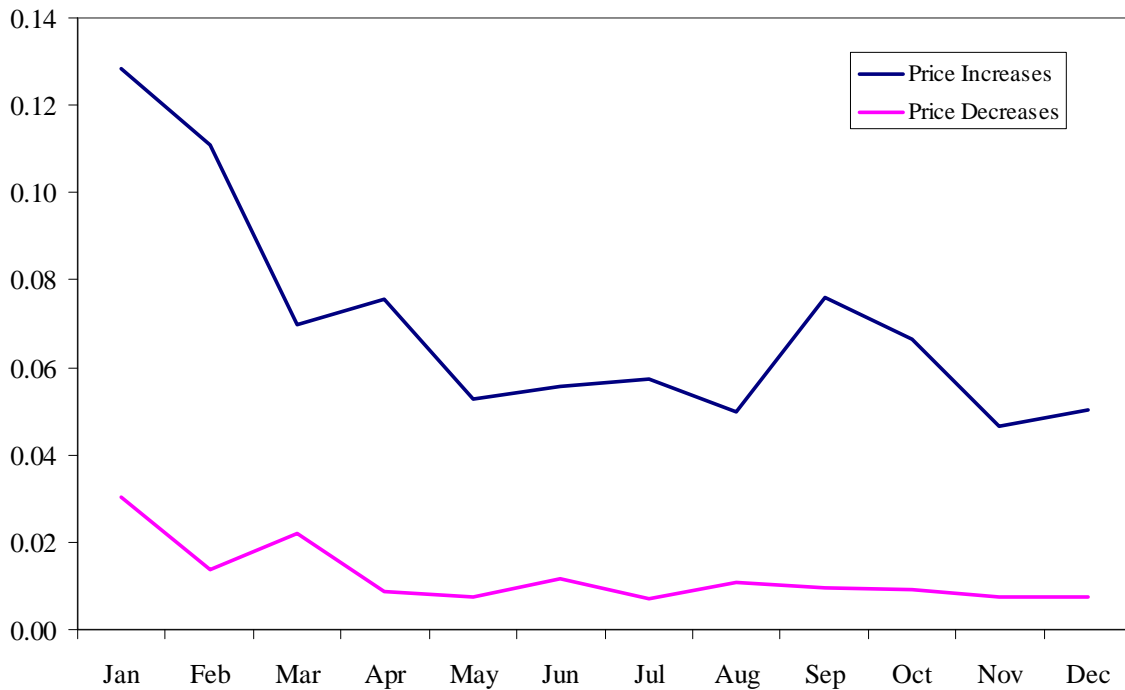
Figure 17: Frequency of Price Increases and Decreases and Inflation Incl. Sales (cont.)

Figure 18: Frequency of Regular Price Change by Quarter for Finished Producer Goods



The figure plots the weighted median frequency of regular price change by quarter.

Figure 19: Frequency of Regular Price Increases and Decreases by Month for Finished Producer Goods



The figure plots the weighted median frequency of price increase and decrease by month.

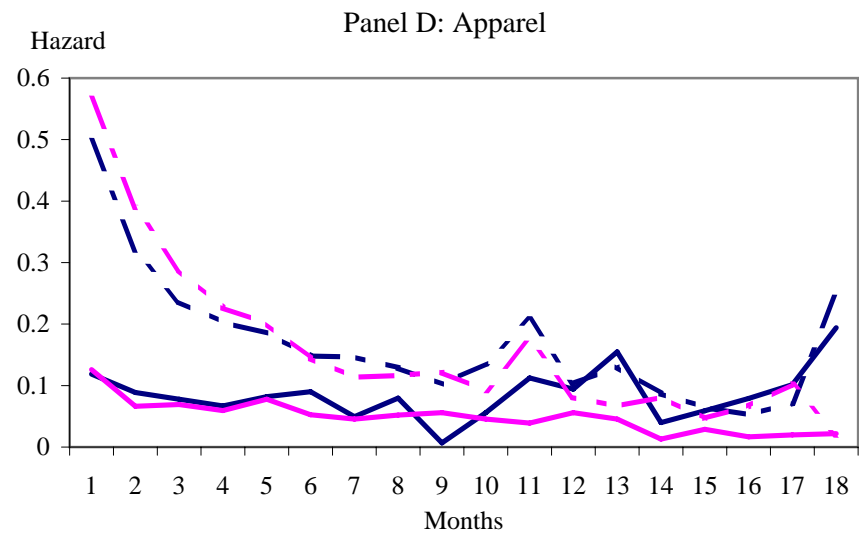
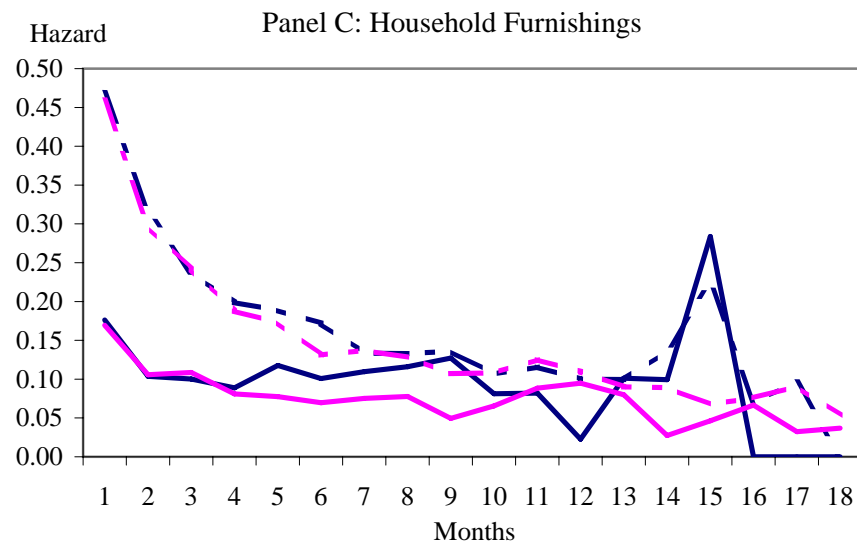
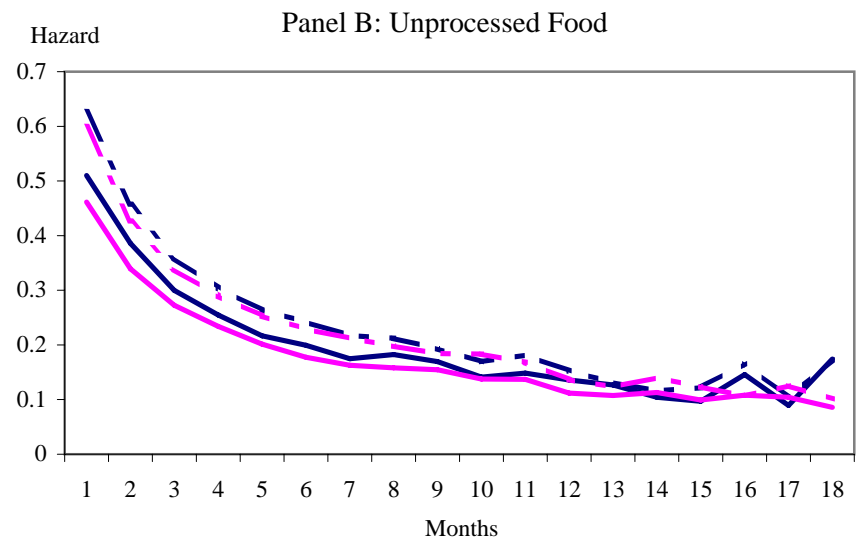
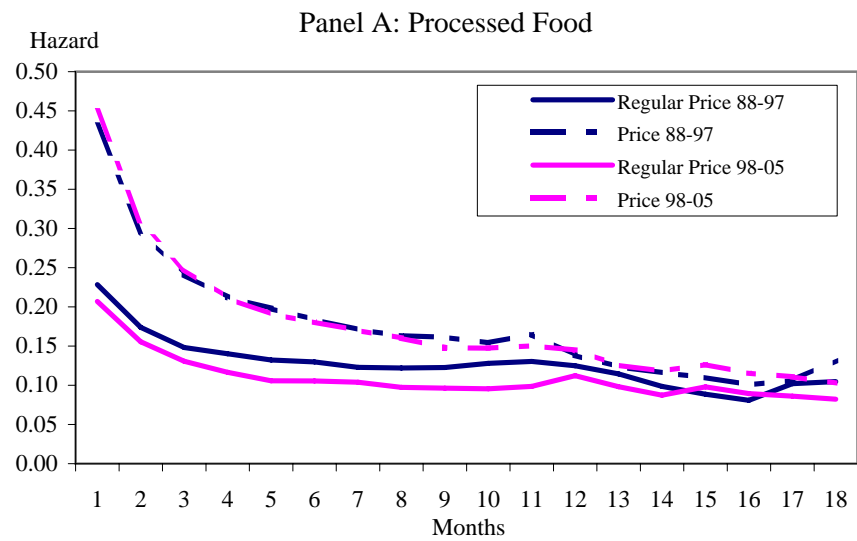
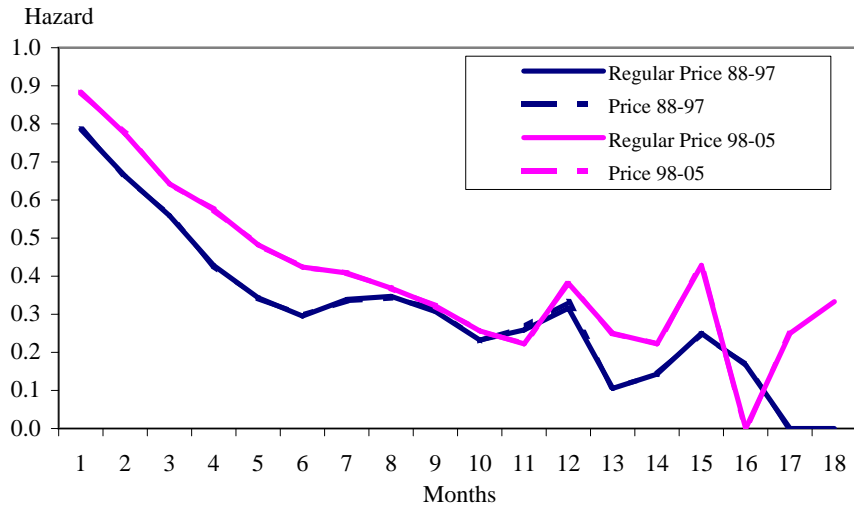
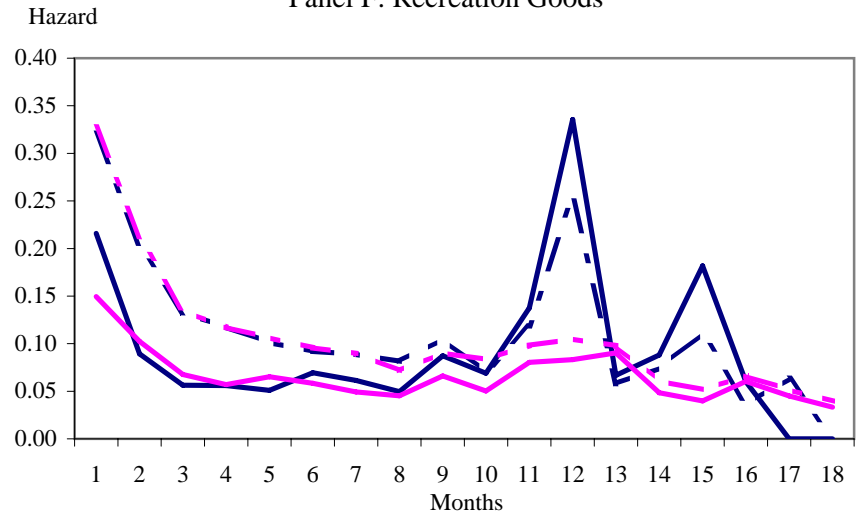


Figure 20: Hazard Functions by Major Group for Consumer Prices

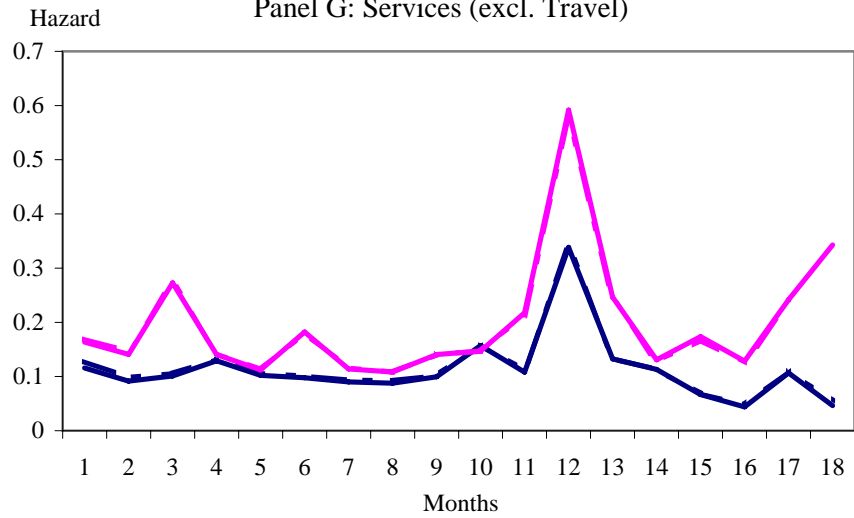
Panel E: Vehicle Fuel



Panel F: Recreation Goods



Panel G: Services (excl. Travel)



Panel H: Travel

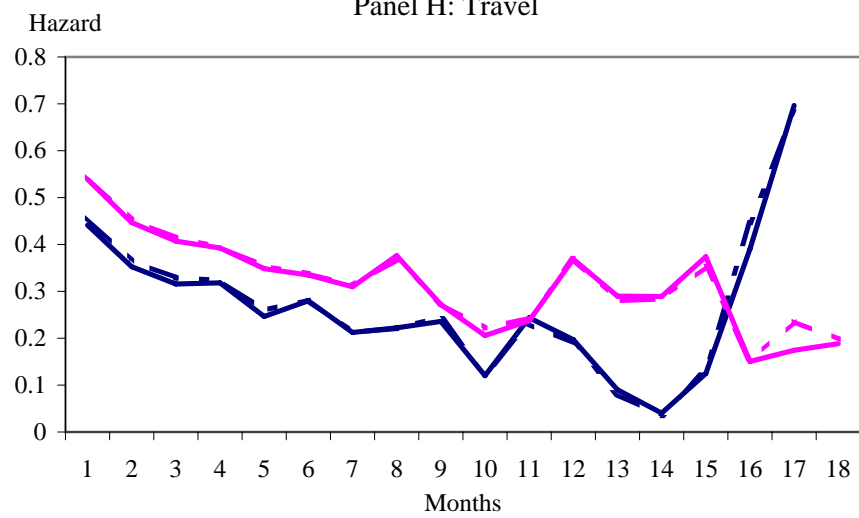


Figure 20: Hazard Functions by Major Group for Consumer Prices (contd)

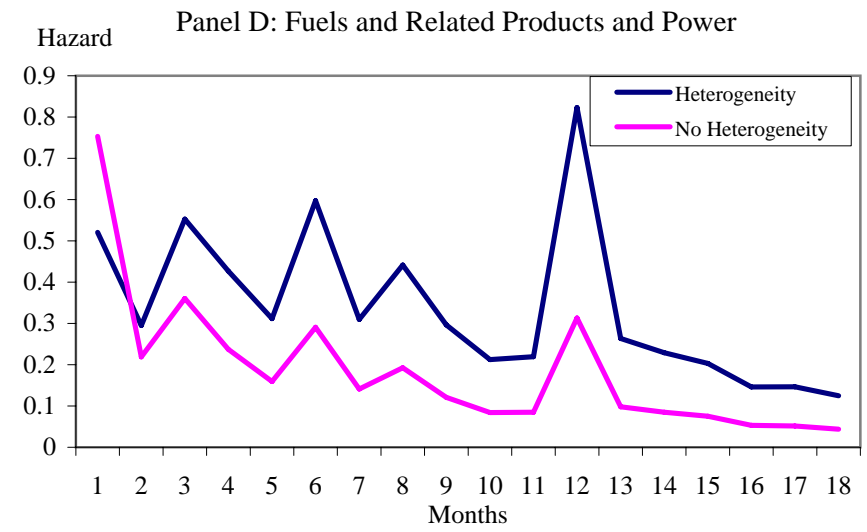
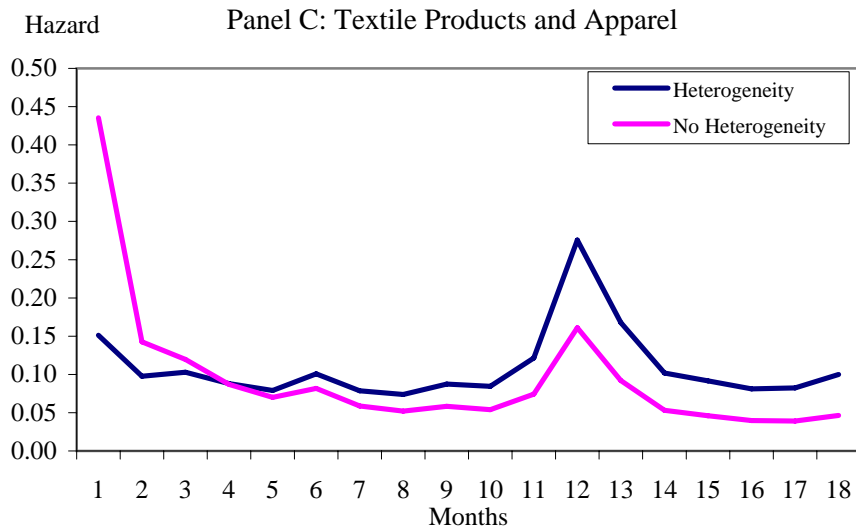
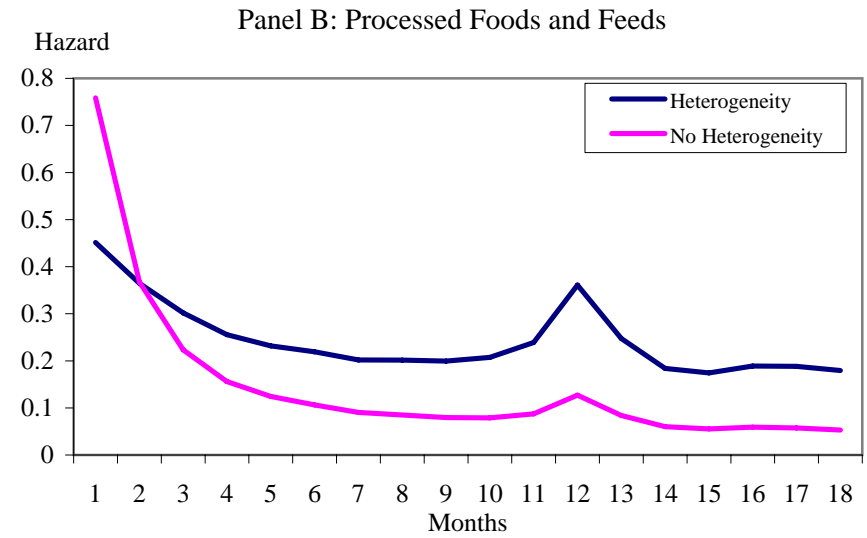
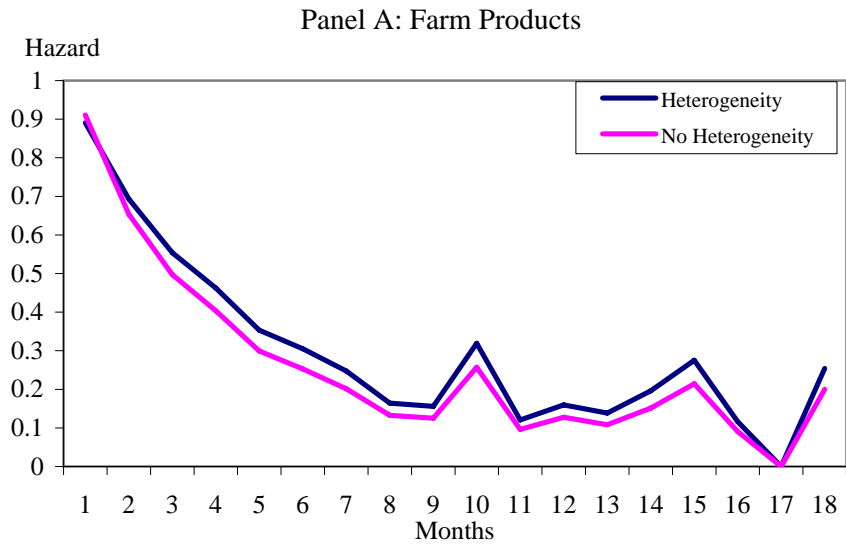


Figure 21: Hazard Functions for Major Groups of Producer Prices

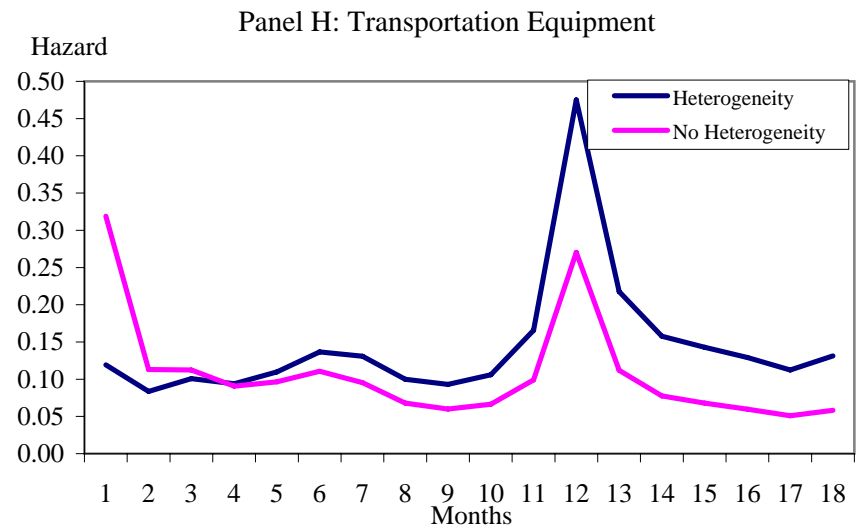
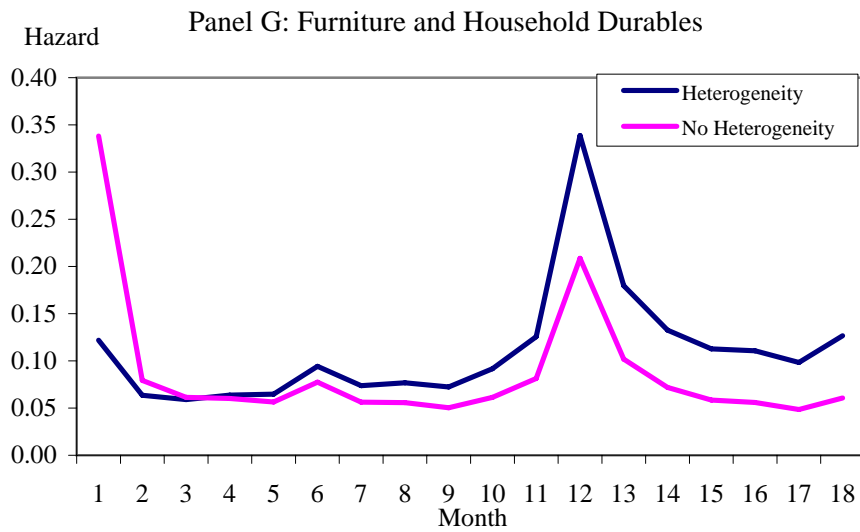
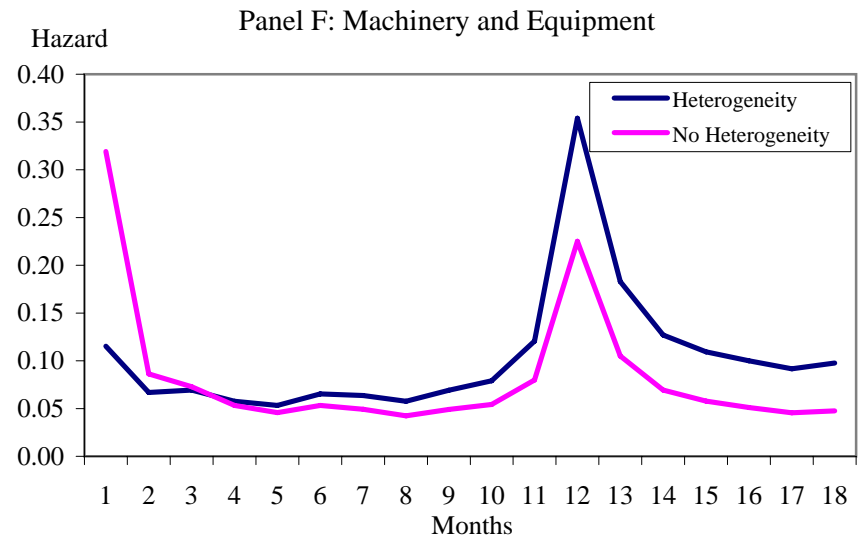
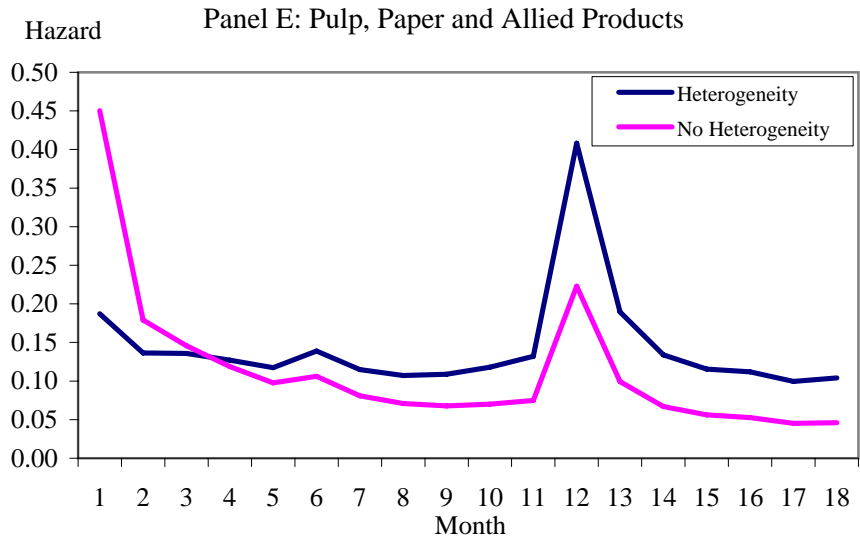


Figure 21: Hazard Functions for Major Groups of Producer Prices (contd)

Figure 22: Hazard Function for Processed Food

