

Predictive Modeling of Airbnb Stock Prices Using Multiple Regression Analysis

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ABSTRACT

In the aftermath of the COVID-19 pandemic, the travel industry has seen unprecedented volatility, making it a focal point for investors seeking to capitalize on market recoveries. Airbnb, a leading player in this sector, represents a unique investment opportunity due to its innovative business model and significant market share in alternative lodging. This study endeavors to develop a predictive model for Airbnb's daily stock prices, utilizing data from other Consumer Discretionary stocks listed on the S&P 500 index. The volatility experienced by the travel industry, particularly during the market fluctuations post-COVID-19, provides a compelling backdrop for this analysis. Airbnb's resilience and adaptability during the pandemic, coupled with its ability to bounce back as travel restrictions eased, highlight its potential for growth. By leveraging historical stock price data and employing multiple regression techniques, this analysis aims to identify key predictors among S&P 500 constituents that influence Airbnb's stock performance.

This analysis identifies key significant predictors such as eBay, Caesar's Entertainment, Darden Restaurants, and Starbucks, evidenced by 65.33% explanation of the dataset's variability without any multicollinearity issues to equip investors with a strategic tool for predicting Airbnb's stock movements, enhancing decision-making for both short-term trading and long-term investments.

DATA

The predictive analysis of Airbnb's stock prices is underpinned by a robust dataset extracted from the Consumer Discretionary sector of the S&P 500 index. The dataset encompasses daily stock prices over the period from April 1, 2023, to March 31, 2024, providing a comprehensive view of market dynamics during this timeframe. This period is particularly significant as it captures the ongoing market adjustments post-COVID-19, a critical factor for companies in the travel industry, including Airbnb.

The dataset includes a total of 249 observations, each representing a trading day's closing stock prices for Airbnb and selected companies that potentially influence or share market behaviors with Airbnb. These companies include Home Depot (HD), Tesla (TSLA), eBay (EBAY), Deckers Outdoor Corporation (DECK), and several others, reflecting a mix of direct and indirect market influences.

Rationale for Variable Selection:

- **Dependent Variable:** Airbnb (ABNB) was selected as the dependent variable to focus the predictive analysis on its stock price movements, which are of primary interest to stakeholders and investors.
- **Independent Variables:** Variables like HD, TSLA, and EBAY were chosen based on their potential influence on Airbnb's stock price through consumer spending patterns, technological advancements, and e-commerce trends, respectively. These factors are presumed to have significant impacts on Airbnb's performance, especially in the rapidly changing landscape of the travel and accommodation industry.

METHODOLOGY

The analysis followed several structured steps to ensure rigor and accuracy:

1. Exploratory Data Analysis (EDA):

- **Distribution and Relationship Visualization:** Using PROC SGLOT and PROC UNIVARIATE, the distribution of stock prices and the relationships between the variables were visualized. This helped identify the central tendencies, variability, and potential outliers in the data.
- **Summary Statistics:** PROC MEANS provided detailed descriptive statistics for each variable, offering insights into the data's structure and underlying trends.

2. Correlation Analysis:

- **Determining Relationships:** PROC CORR was employed to assess the strength and direction of linear relationships between Airbnb's stock prices and the independent variables. This step was crucial to narrowing down the list of potential predictors based on their correlation coefficients.

3. Regression Analysis:

- Using PROC REG, a **stepwise regression** approach was adopted to iteratively select the most statistically significant predictors for the model. This method facilitated the inclusion and exclusion of variables based on their p-values and overall contribution to the model's explanatory power.

- **Model Refinement:** Interaction terms and quadratic terms were tested within the regression framework to explore complex relationships and nonlinear effects that could enhance the model's predictive accuracy.

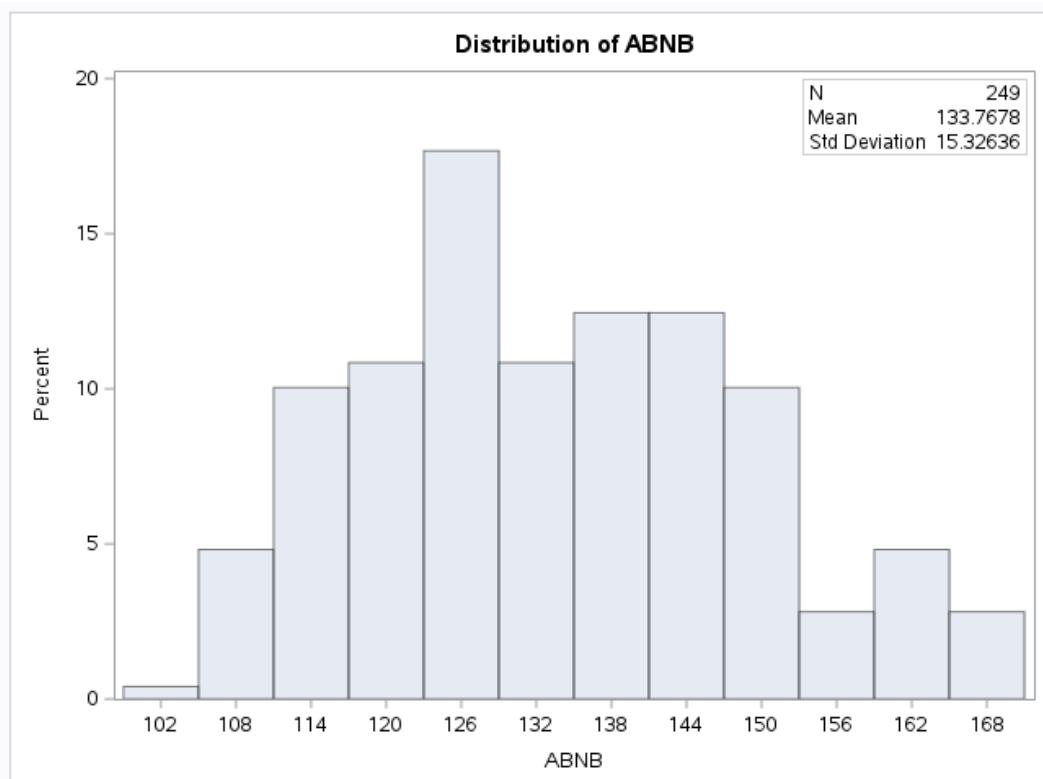
4. Model Evaluation and Selection:

- **Criteria for Model Comparison:** Different models were compared using Adjusted R², Cp, and PRESS statistics to determine the best fit. Each statistic provided a different lens through which the model's effectiveness could be assessed, ensuring a comprehensive evaluation.
- **Diagnostic Checking:** The analysis of residuals and fit plots via PROC REG verified the assumptions of normality, homoscedasticity, and the absence of multicollinearity among the predictors.

RESULTS

Exploratory Data Analysis (EDA): The initial phase involved a detailed examination of the stock prices of Airbnb and selected S&P 500 companies within the Consumer Discretionary sector. The primary outcomes from the EDA include:

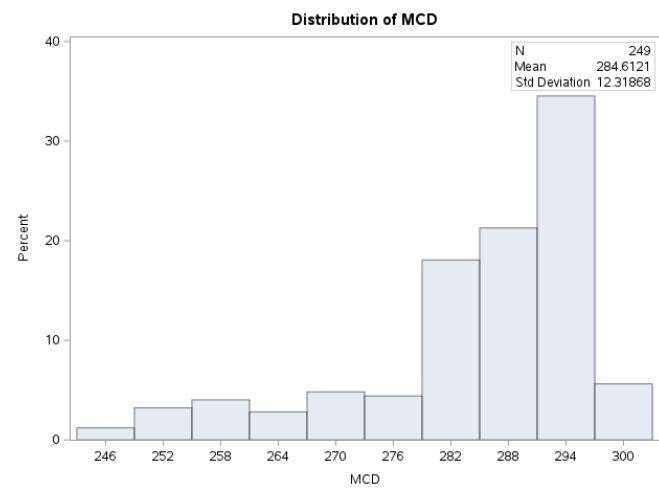
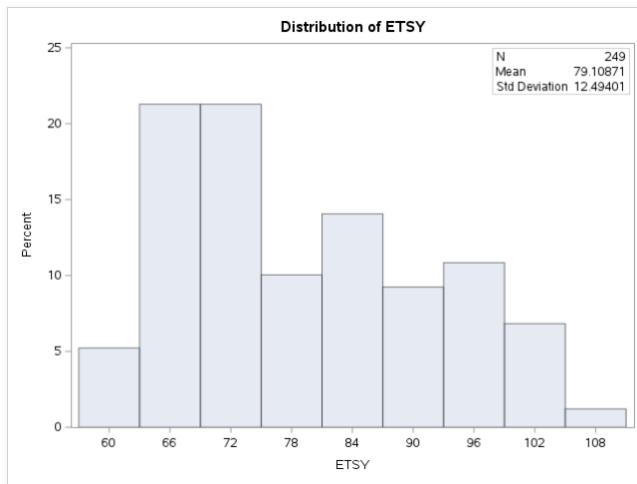
- **Mean:** The average price of ABNB is 133.77, indicating the central tendency over the observed period.
- **Volatility:** A standard deviation of 15.33 suggests moderate fluctuations.
- **Range and IQR:** The range (104.42 to 168.18) and IQR (22.55) show substantial variability, indicating periods of significant price change, which are important for modeling volatility.



Comparative Analysis of Other Stocks

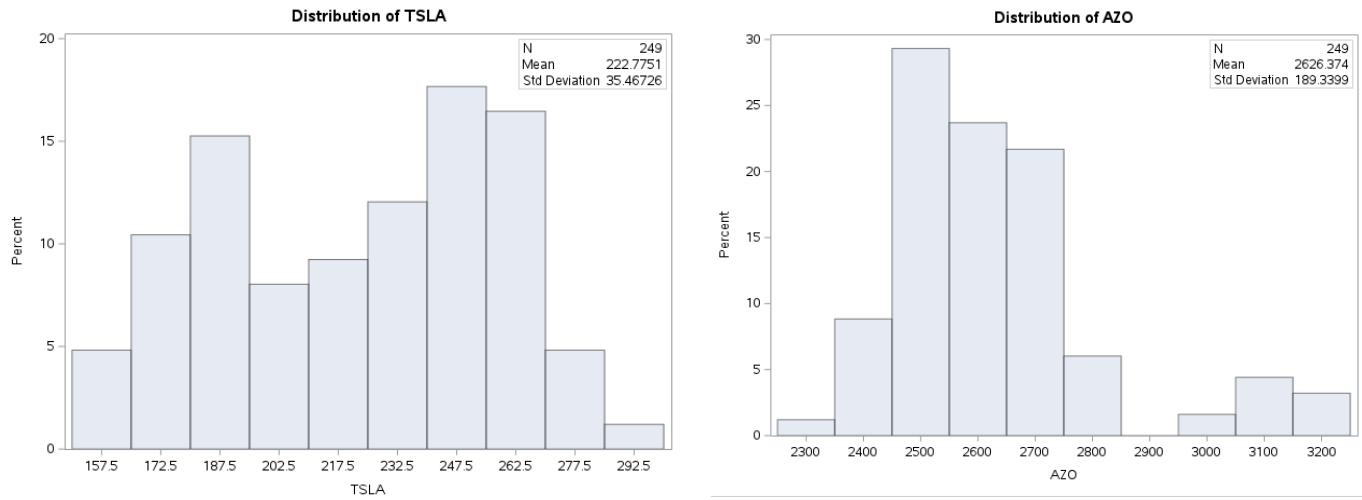
Potential Good Predictors

- **ETSY** shows a standard deviation of 12.494, skewness of 0.460, and kurtosis of -0.930, indicating moderate volatility and a distribution shape not too dissimilar from ABNB. Stocks like **MCD** with lower volatility (std dev of 12.318) but not too far off from ABNB could provide a stable yet related dynamic to ABNB's price movements.



Poor Predictors

- **Highly Volatile Stocks:** Extremely volatile stocks might distort the prediction model for a relatively less volatile stock like ABNB. For example, **AZO** with a high standard deviation of 189.339 and extreme values in price could introduce noise rather than predictive power. Stocks like **TSLA** or **AZO** are likely to behave differently under market conditions compared to ABNB.

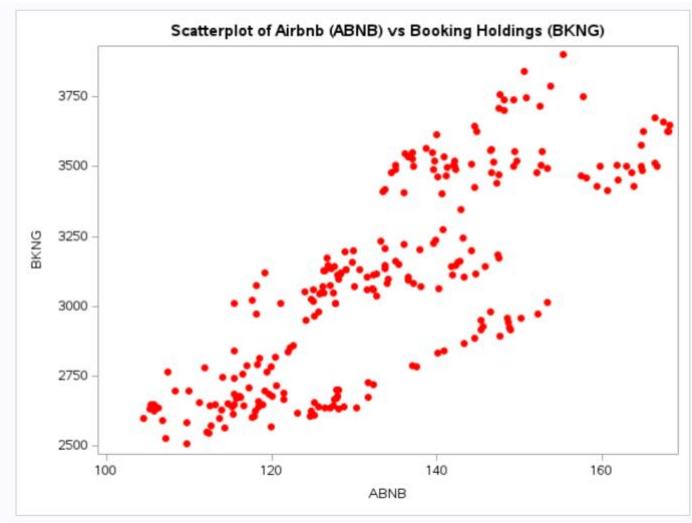
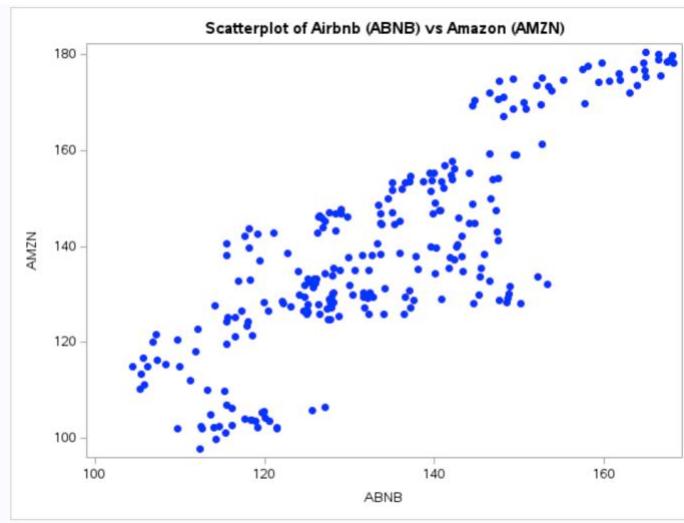


CORRELATION ANALYSIS

The correlation analysis helped narrow down the list of potential predictors by highlighting stocks that showed significant linear relationships with Airbnb's stock prices. Stocks like Amazon (AMZN) and surprisingly Tesla (TSLA) demonstrated strong positive correlations, making them prime candidates for the regression model.

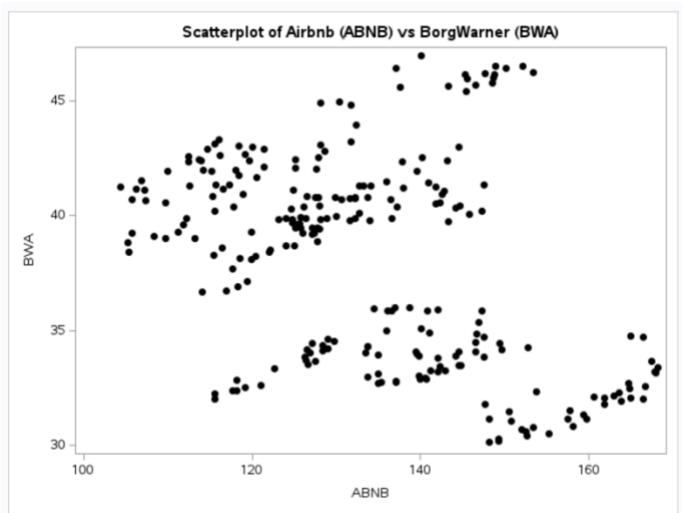
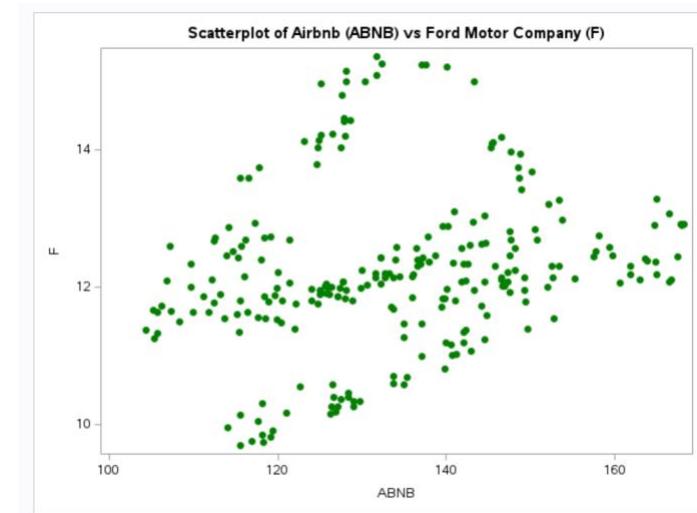
- **High Correlation:**

Stocks like Amazon (AMZN), Booking Holdings (BKNG), and Chipotle Mexican Grill (CMG) show high correlations with ABNB (e.g., AMZN at 0.83045, BKNG at 0.79076, CMG at 0.72334). These stocks, due to their strong correlations, are likely good predictors and should be retained for further analysis.



- **Low or Negative Correlation:**

Some stocks exhibit very low or even negative correlations with ABNB, which might make them less useful for predicting ABNB's prices. For instance, Ford Motor Company (F) shows a correlation of 0.22206, which is relatively low, suggesting it has little predictive power regarding ABNB's price movements. BorgWarner (BWA) has a negative correlation (-0.40140) with ABNB, indicating a divergent movement pattern which might not be useful for the prediction model.



StepWise Regression:

In our analysis, we employed stepwise regression to determine the optimal combination of independent variables for predicting Airbnb stock prices. Variables were iteratively added and removed based on their p-values and the overall fit of the model. This approach refined the model by retaining only those variables that significantly contributed to predicting Airbnb's stock price. This method allows us to systematically explore the potential predictors among a larger set of variables, ultimately leading to a parsimonious model with strong predictive performance.

Stepwise Regression Analysis Summary Table

Step	Variable Entered	Variable Removed	Model R-Square	C(p)	F Value	Pr > F
1	HD		0.7933	524.682	947.69	<.0001
2	TSLA		0.8335	376.834	59.47	<.0001
3	EBAY		0.8631	268.835	52.86	<.0001
4	DECK		0.8848	189.958	46.00	<.0001
5	CMG		0.8969	146.892	28.53	<.0001
6	HAS		0.9044	120.888	19.04	<.0001
7	CZR		0.9085	107.768	10.69	0.0012
8	DRI		0.9167	79.2161	23.64	<.0001
9		CMG	0.9160	79.5811	1.83	0.1774
10		HAS	0.9148	82.0840	3.47	0.0636
11	RL		0.9198	65.7273	14.81	<.0001
12	SBUX		0.9213	61.9128	4.76	0.0300
13		HD	0.9204	63.2440	2.73	0.0998
14	LOW		0.9221	58.8790	5.27	0.0226
15	AMZN		0.9243	52.6691	6.97	0.0089

Model Selection Criteria (R^2 , Adjusted R^2 , Cp, PRESS):

- **Adjusted R-Square and Cp Analysis:** These methods were employed to evaluate the goodness-of-fit of the models. Models with the highest adjusted R^2 values and lowest Cp values were considered better. This analysis led to further refinement by focusing on a subset of variables that maximized explanatory power while minimizing redundancy and multicollinearity.
- **PRESS Statistic:** This criterion was used to assess the predictive power of the model. The PRESS results influenced the final selection of variables, prioritizing those that enhance predictive accuracy on unseen data.

Based on that, for further testing using R^2 , Adjusted R^2 , Cp, and PRESS criteria, the best model to choose would be **Model 15** because:

Step	Model Variables	Model R-Square	C(p)	F Value	Pr > F
15	AMZN, EBAY, CZR, DECK, DRI, LOW, RL, SBUX, TSLA	0.9243	52.6691	324.43	<.0001

- **R-Square:** This model has the highest R-Square value of 0.9243, indicating that it explains about 92.43% of the variability in Airbnb's stock prices, which is the highest among all steps.
- **C(p) Value:** The C(p) value for this model is the lowest among all models at 52.6691, suggesting a good balance of model complexity and predictive power.
- **Significance:** All variables in this model are significant at the 0.0500 level as indicated by their Pr > F values, making it a robust choice for detailed evaluation.

Based on these criteria, the best models seems to be the model with 9 variables:

- **Adjusted R-Square:** 0.9215
- **R-Square:** 0.9243
- **C(p):** 10.000
- **Variables in the Model:** AMZN, EBAY, CZR, DECK, DRI, LOW, RL, SBUX, TSLA

However, per PRESS statistic, the best model is the one that includes the variables: EBAY, CZR, DECK, DRI, LOW, RL, SBUX, TSLA. At step 10, the PRESS value is 4862.3340, which is the lowest PRESS value in the stepwise selection process, indicating this model has the best predictive performance out of all the models considered. Let's evaluate it further to test its utility:

Model Statistics:

- **R-Square:** 0.9221 indicates that approximately 92.21% of the variance in ABNB is explained by the model.
- **Adjusted R-Square:** 0.9195 adjusts the R-Square for the number of predictors, still suggesting a strong model fit.
- **F Test:**

H_0 : All coefficients = 0

H_a : Atleast one coefficient is not equal to zero

With an F Value of 355.28 and P value < 0.001 we reject the null hypothesis that this model is not statistically significant. Therefore, this model is of utility.

Now, to further refine this model and check for multicollinearity, we can calculate the Variance Inflation Factor (VIF) for each predictor variable. VIF quantifies how much the variance is inflated due to multicollinearity in the model. Generally, a VIF above 10 indicates high correlation and a problematic amount of collinearity.

After running a **PROC REG**, we obtain more details for our model:

Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	Intercept	1	12.30406	10.13480	1.21	0.2259	0
EBAY	EBAY	1	0.90468	0.18109	5.00	<.0001	3.60286
CZR	CZR	1	1.15882	0.13782	8.41	<.0001	5.60622
DECK	DECK	1	0.07103	0.00654	10.86	<.0001	11.83621
DRI	DRI	1	-0.38767	0.04990	-7.77	<.0001	2.81470
LOW	LOW	1	0.13141	0.05724	2.30	0.0226	10.20232
RL	RL	1	0.18435	0.04528	4.07	<.0001	14.59776
SBUX	SBUX	1	-0.20324	0.08062	-2.52	0.0124	2.44964
TSLA	TSLA	1	0.05729	0.01345	4.26	<.0001	2.98406

Hypothesis for t-tests:

- **Null Hypothesis (H0):** There is no relationship between the predictor variable and the dependent variable (the coefficient is zero).
- **Alternative Hypothesis (H1):** There is a relationship between the predictor variable and the dependent variable (the coefficient is not zero).

Given that all variables except the Intercept have p-values significantly less than 0.05, we reject the null hypothesis for these predictors and conclude that they have a significant relationship with Airbnb's stock price.

However, DECK, LOW and RL have unreliablely high VIFs (>10), so we will be removing them from our model, reducing multicollinearity significantly, but at the expense of reduced R^2 (0.6533) and Adj. R^2 (0.6462), but a very good coefficient of variation (6.81):

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	38059	7611.87418	91.59	<.0001
Error	243	20195	83.10754		
Corrected Total	248	58255			

Root MSE	9.11633	R-Square	0.6533
Dependent Mean	133.76779	Adj R-Sq	0.6462
Coeff Var	6.81504		

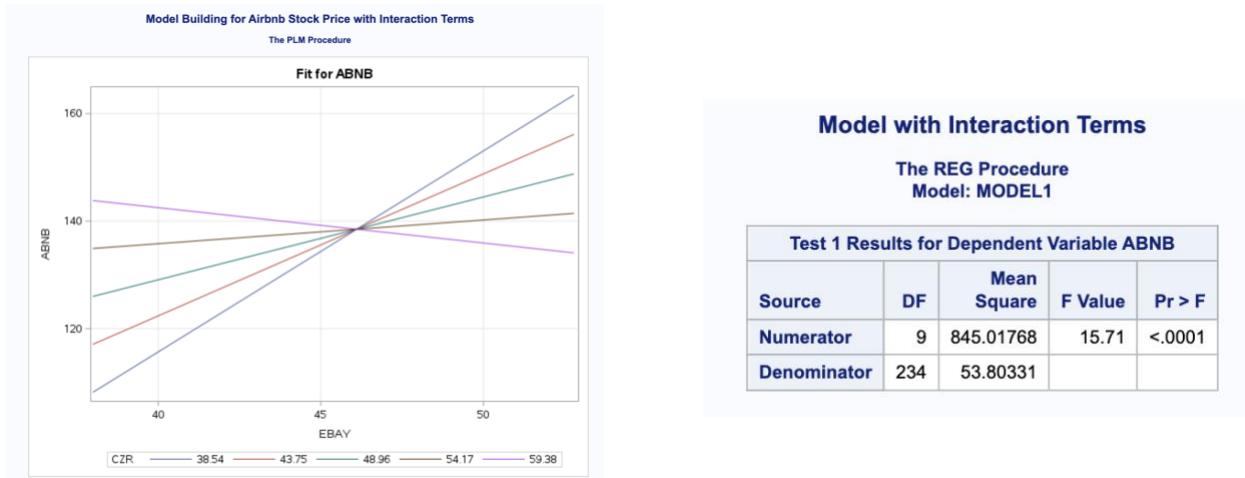
Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	Intercept	1	121.48383	18.67751	6.50	<.0001	0
EBAY	EBAY	1	1.23638	0.25089	4.93	<.0001	1.57275
CZR	CZR	1	0.71700	0.20349	3.52	0.0005	2.77953
DRI	DRI	1	0.58569	0.07487	7.82	<.0001	1.44109
SBUX	SBUX	1	-1.60867	0.12761	-12.61	<.0001	1.39577
TSLA	TSLA	1	-0.04627	0.02691	-1.72	0.0868	2.71728

Now, we will be testing potential interaction or second order models to see if they add any statistical significance to our model:

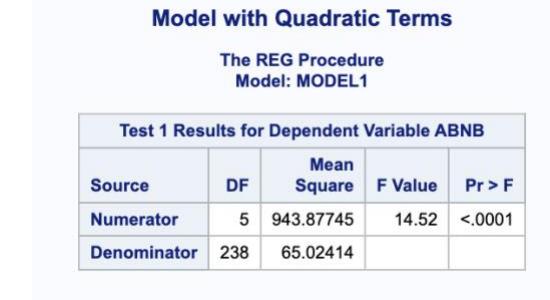
Model Description	Variables Included	Rationale
Main Effects Model	EBAY, CZR, DRI, SBUX, TSLA	All variables are statistically significant predictors with low VIFs, indicating minimal multicollinearity.
Model with Interaction Terms	Main effects + All pairwise interactions	Interactions will help identify if the effect of one predictor on the dependent variable changes with the level of another predictor.
Model with Quadratic Terms	Main effects + Quadratic terms for each variable	Quadratic terms will allow us to capture non-linear relationships between the predictors and the dependent variable.

Including these terms leads to excessively high Variance Inflation Factors (VIFs). VIF values well above the acceptable threshold indicate severe multicollinearity issues, which compromise the interpretability and predictive reliability of the model.

For our regression analysis, models containing both interaction and quadratic terms, are significant:



There is a clear interaction in EBAY and CZY (slice-plot), and the whole interaction model is significant



Quadratic Model is Also Significant

Null Hypothesis (H0): All terms are jointly zero, implying no significant effects on Airbnb's stock price.

Alternative Hypothesis (Ha): At least one term is not zero, indicating a significant effect on Airbnb's stock price.

Given that the p-value is less than .0001, we reject the null hypothesis. This suggests that at least one of the interaction terms and quadratic terms significantly affects Airbnb's stock price, thus contributing to the predictive power of the model. However, every single variable (both interaction and quadratic) yielded VIFs ranging from a few 100s to 1000s. Such high VIFs signal that the predictor variables are explaining the same variance within the model, creating redundancy, and diminishing the model's performance. While these terms can sometimes capture complex relationships within the data, their inclusion has rendered our model unstable and unreliable for predictive purposes.

Model with Interaction Terms

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	14	45665	3261.75215	60.62	<.0001
Error	234	12590	53.80331		
Corrected Total	248	58255			

Root MSE	7.33507	R-Square	0.7839
Dependent Mean	133.76779	Adj R-Sq	0.7709
Coeff Var	5.48344		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	Intercept	1	-2420.50867	362.92633	-6.67	<.0001	0
EBAY	EBAY	1	34.37061	8.30403	4.14	<.0001	2661.25756
CZR	CZR	1	-49.60857	6.23496	-7.96	<.0001	4030.83296
DRI	DRI	1	22.01339	2.63764	8.35	<.0001	2762.96605
SBUX	SBUX	1	16.83495	3.80333	4.43	<.0001	1915.22365
TSLA	TSLA	1	3.71894	0.79964	4.65	<.0001	3707.59148
ebay_czr		1	0.36411	0.08674	4.20	<.0001	2345.09027
ebay_dri		1	-0.14851	0.03024	-4.91	<.0001	2494.61791
ebay_sbux		1	-0.18866	0.07391	-2.55	0.0113	3025.99527
ebay_tsla		1	-0.04170	0.01265	-3.30	0.0011	1892.90778
cjr_sbux		1	0.28871	0.05386	5.36	<.0001	4343.42759
cjr_tsla		1	0.02624	0.00554	4.73	<.0001	902.80343
dri_sbux		1	-0.13014	0.02056	-6.33	<.0001	2614.31923
dri_tsla		1	-0.01069	0.00248	-4.31	<.0001	1007.85543
sbux_tsla		1	-0.01370	0.00590	-2.32	0.0210	1985.41647

Model with Quadratic Terms

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	10	42779	4277.87582	65.79	<.0001
Error	238	15476	65.02414		
Corrected Total	248	58255			

Root MSE	8.06375	R-Square	0.7343
Dependent Mean	133.76779	Adj R-Sq	0.7232
Coeff Var	6.02817		

Parameter Estimates

Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	Intercept	1	2025.06096	261.58764	7.74	<.0001	0
EBAY	EBAY	1	-24.63809	5.08050	-4.85	<.0001	824.24396
CZR	CZR	1	4.75735	2.87375	1.66	0.0992	708.53195
DRI	DRI	1	-3.08803	2.52255	-1.22	0.2221	2091.01990
SBUX	SBUX	1	-23.04304	4.32332	-5.33	<.0001	2047.67180
TSLA	TSLA	1	-0.74360	0.30940	-2.40	0.0170	459.28796
ebay2		1	0.27163	0.05541	4.90	<.0001	814.75088
cjr2		1	-0.03550	0.02854	-1.24	0.2147	661.07810
dri2		1	0.01252	0.00813	1.54	0.1252	2119.15480
sbux2		1	0.10766	0.02169	4.96	<.0001	2059.12477
tsla2		1	0.00161	0.00068238	2.36	0.0188	432.69134

Hence, we conclude that the interaction and quadratic models are unsuitable for our current analysis of Airbnb stock prices. Instead, we will proceed with the main effects model that maintains low VIFs and ensures a more parsimonious and interpretable model.

Main Effects Model							
The REG Procedure Model: MODEL1 Dependent Variable: ABNB ABNB							
Number of Observations Read 249							
Number of Observations Used 249							
Analysis of Variance							
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F		
Model	5	38059	7611.87418	91.59	<.0001		
Error	243	20195	83.10754				
Corrected Total	248	58255					
Root MSE 9.11633 R-Square 0.6533							
Dependent Mean 133.76779 Adj R-Sq 0.6462							
Coeff Var 6.81504							
Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	Intercept	1	121.48383	18.67751	6.50	<.0001	0
EBAY	EBAY	1	1.23638	0.25089	4.93	<.0001	1.57275
CZR	CZR	1	0.71700	0.20349	3.52	0.0005	2.77953
DRI	DRI	1	0.58569	0.07487	7.82	<.0001	1.44109
SBUX	SBUX	1	-1.60867	0.12761	-12.61	<.0001	1.39577
TSLA	TSLA	1	-0.04627	0.02691	-1.72	0.0868	2.71728

For 249 observations in the dataset, our main effects model possesses the following:

- **R-Square (R^2):** 0.6533, indicating that approximately 65.33% of the variability in Airbnb's stock price can be explained by the model's predictors.
- **Adjusted R-Square:** 0.6462, which adjusts the R^2 for the number of predictors in the model, suggesting a strong fit with consideration for the number of variables.
- **Root Mean Square Error (Root MSE):** 9.11633, a measure of the average deviation of the predictions from the actual values.

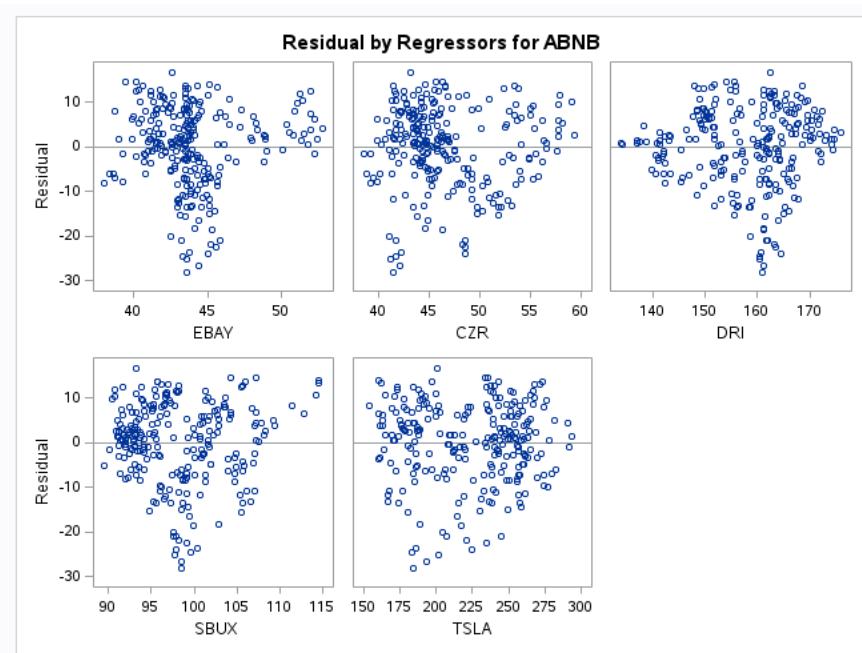
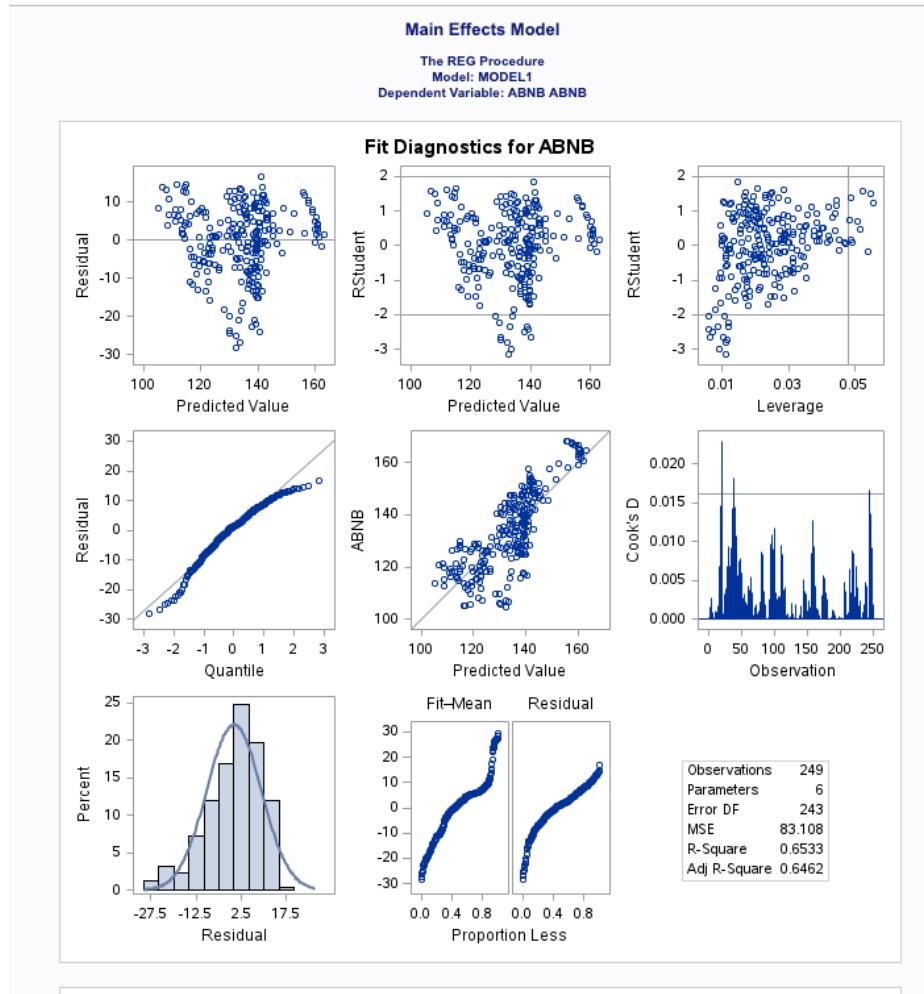
- **F Value:** 91.59, which is highly significant ($\text{Pr} > \text{F} < .0001$) indicating the model is statistically significant and the predictors explain a significant amount of the variance in Airbnb's stock prices compared to the model with no predictors.

Parameter Estimates:

- **Intercept:** 121.48383, suggesting the baseline value of ABNB when all other variables are zero.
- **EBAY:** Coefficient = 1.23638, p-value < .0001. Each unit increase in EBAY is associated with a 1.23638 unit increase in ABNB, holding all else constant.
- **CZR:** Coefficient = 0.71700, p-value = 0.0005. Each unit increase in CZR is associated with a 0.71700 unit increase in ABNB, holding all else constant.
- **DRI:** Coefficient = 0.58569, p-value < .0001. Each unit increase in DRI is associated with a 0.58569 unit increase in ABNB, holding all else constant.
- **SBUX:** Coefficient = -1.60867, p-value < .0001. Each unit increase in SBUX is associated with a 1.60867 unit decrease in ABNB, holding all else constant.
- **TSLA:** Coefficient = -0.04627, p-value = 0.0868. TSLA is not statistically significant at the 0.05 level, but it is at the 0.1 level, indicating a weaker association with ABNB.

Variance Inflation Factor (VIF):

- All VIF values are below 5, which indicates that there is no concerning multicollinearity within the model. This ensures that our model's coefficients are reliable and not unduly influenced by redundant information across the predictors.



Predictive Equation:

The final equation for predicting Airbnb's stock price (ABNB) based on this model is:

$$\begin{aligned}\textbf{ABNB} = & 121.484 + 1.236 \times (\text{EBAY}) + 0.717 \times (\text{CZR}) + 0.586 \times (\text{DRI}) \\ & - 1.609 \times (\text{SBUX}) - 0.046 \times (\text{TSLA})\end{aligned}$$

This equation allows us to input values for the EBAY, CZR, DRI, SBUX, and TSLA variables to predict the ABNB stock price. Given the low VIFs, the significant overall model, and the strong R-squared value, this model is deemed free from multicollinearity issues and capable of providing reliable predictions.

CONCLUSION

The analysis concluded with a regression model predicting Airbnb's stock price with variables EBAY, CZR, DRI, and SBUX, which demonstrated a good fit with an R-squared of 0.6533. The model avoided multicollinearity, confirmed by low VIF scores. However, the inclusion of the TSLA variable, despite its higher p-value, was a limitation due to its marginal significance.

For further research, adding a qualitative variable such as the GICS Sub-Industry could differentiate the impact of various sectors on Airbnb's stock price. Repeating this analysis with more data, like macroeconomic factors or at different time frequencies, could also yield more nuanced insights. The future incorporation of such variables could refine the model's predictive capability and enhance its usefulness for strategic decision-making.

APPENDIX

Code:

```
%web_drop_table(WORK.IMPORT);

FILENAME REFFILE '/home/u63739262/sasuser.v94/ABNB/Stock
Selection.xlsx';

PROC IMPORT DATAFILE=REFFILE
  DBMS=XLSX
  OUT=WORK.STOCKS;
  GETNAMES=YES;
RUN;

PROC CONTENTS DATA=WORK.STOCKS; RUN;

%web_open_table(WORK.IMPORT);

proc univariate data=stocks;
  *var ABNB;
  histogram ABNB AMZN APTV AZO BBWI BBY BKNG BWA CCL CMG CZR DECK DHI
DPZ DRI EBAY ETSY EXPE F GM GPC GRMN HAS HD HLT KMX LEN LKQ LOW LULU
LVS MAR MCD MGM MHK NCLH NKE NVR ORLY PHM POOL RCL RL ROST SBUX TJX
TPR TSCO TSLA ULTA WYNN YUM;
  inset N MEAN STD / position=ne;
run;

proc means data= stocks;
  var ABNB AMZN APTV AZO BBWI BBY BKNG BWA CCL CMG CZR DECK DHI DPZ
DRI EBAY ETSY EXPE F GM GPC GRMN HAS HD HLT KMX LEN LKQ LOW LULU LVS
MAR MCD MGM MHK NCLH NKE NVR ORLY PHM POOL RCL RL ROST SBUX TJX TPR
TSCO TSLA ULTA WYNN YUM;;
run;

proc corr data=STOCKS;
  var ABNB AMZN APTV AZO BBWI BBY BKNG BWA CCL CMG CZR DECK DHI DPZ
DRI EBAY ETSY EXPE F GM GPC GRMN HAS HD HLT KMX LEN LKQ LOW LULU LVS
MAR MCD MGM MHK NCLH NKE NVR ORLY PHM POOL RCL RL ROST SBUX TJX TPR
TSCO TSLA ULTA WYNN YUM;
  with ABNB;
run;
```

```

/* Scatterplot for ABNB vs Amazon (AMZN) */
proc sgplot data=STOCKS;
    scatter x=ABNB y=AMZN / markerattrs=(symbol=circlefilled
color=blue);
    title "Scatterplot of Airbnb (ABNB) vs Amazon (AMZN)";
run;

/* Scatterplot for ABNB vs Booking Holdings (BKNG) */
proc sgplot data=STOCKS;
    scatter x=ABNB y=BKNG / markerattrs=(symbol=circlefilled
color=red);
    title "Scatterplot of Airbnb (ABNB) vs Booking Holdings (BKNG)";
run;

*Bad Ones:;

/* Scatterplot for ABNB vs Ford Motor Company (F) */
proc sgplot data=STOCKS;
    scatter x=ABNB y=F / markerattrs=(symbol=circlefilled
color=green);
    title "Scatterplot of Airbnb (ABNB) vs Ford Motor Company (F)";
run;

/* Scatterplot for ABNB vs BorgWarner (BWA) */
proc sgplot data=STOCKS;
    scatter x=ABNB y=BWA / markerattrs=(symbol=circlefilled
color=black);
    title "Scatterplot of Airbnb (ABNB) vs BorgWarner (BWA)";
run;

/* Stepwise Regression on Airbnb Stock Prices */
proc reg data=STOCKS;
    model ABNB=AMZN APTV AZO BBWI BBY BKNG BWA CCL CMG CZR DECK DHI
DPZ DRI EBAY ETSY EXPE F GM GPC GRMN HAS HD HLT KMX LEN LKQ LOW LULU
LVS MAR MCD MGM MHK NCLH NKE NVR ORLY PHM POOL RCL RL ROST SBUX TJX
TPR TSCO TSLA ULTA WYNN YUM/vif;
    title "Stepwise Regression Analysis for Predicting Airbnb Stock
Prices";
run;

/* Refined Stepwise Regression for Airbnb Stock Prices */
proc reg data=STOCKS;
    model ABNB=AMZN CMG EBAY CZR DECK DRI HAS HD LKQ LOW LULU LVS NKE
ORLY POOL RCL RL ROST SBUX TSLA WYNN / selection=stepwise slentry=0.05
s1stay=0.05;

```

```

      title "Refined Stepwise Regression Analysis for Predicting Airbnb
Stock Prices";
run;

/* Evaluation with R^2 */
proc reg data=stocks;
  model ABNB=AMZN EBAY CZR DECK DRI LOW RL SBUX TSLA /
selection=rsquare;
  title "Model Evaluation with R-Square";
run;

/* Evaluation with Adjusted R-Square */
proc reg data=STOCKS;
  model ABNB=AMZN EBAY CZR DECK DRI LOW RL SBUX TSLA /
selection=adjrsq;
  title "Model Evaluation with Adjusted R-Square";
run;

/* Evaluation with Cp Statistic */
proc reg data=STOCKS;
  model ABNB=AMZN EBAY CZR DECK DRI LOW RL SBUX TSLA / selection=cp;
  title "Model Evaluation with Cp Statistic";
run;

/* Evaluation with PRESS Statistic */
proc glmselect data=STOCKS;
  model ABNB=AMZN EBAY CZR DECK DRI LOW RL SBUX TSLA /
selection=stepwise(choose=press);
  title "Evaluation of Model Predicting Airbnb Stock Prices Using
PRESS Statistic";
run;

/* Variance Inflation Factor (VIF) Calculation for the model based on
the lowest PRESS statistic */
proc reg data=STOCKS;
  model ABNB = EBAY CZR DECK DRI LOW RL SBUX TSLA / vif;
  title "VIF Calculation for Selected Model Based on PRESS";
run;

/* Variance Inflation Factor (VIF) Calculation for the model based on
the lowest PRESS statistic */
proc reg data=STOCKS;
  model ABNB = EBAY CZR DRI SBUX TSLA / vif;
  title "VIF Calculation for Selected Model Based on PRESS";
run;

```

```

/* Creating a new dataset with interaction and second-order terms */
data stocks_2;
  set STOCKS;

  /* Second-order (Quadratic) terms */
  ebay2 = EBAY * EBAY;
  czr2 = CZR * CZR;
  dri2 = DRI * DRI;
  sbux2 = SBUX * SBUX;
  tsla2 = TSLA * TSLA;

  /* Interaction terms */
  ebay_czr = EBAY * CZR;
  ebay_dri = EBAY * DRI;
  ebay_sbux = EBAY * SBUX;
  ebay_tsla = EBAY * TSLA;

  czr_dri = CZR * DRI;
  czr_sbux = CZR * SBUX;
  czr_tsla = CZR * TSLA;

  dri_sbux = DRI * SBUX;
  dri_tsla = DRI * TSLA;

  sbux_tsla = SBUX * TSLA;
run;

/* Main Effects Model */
proc reg data=stocks_2;
  model ABNB = EBAY CZR DRI SBUX TSLA/vif;
  title "Main Effects Model";
run;

proc glm data=stocks_2;
  model ABNB = EBAY | CZR/solution ;
  title "Model Building for Airbnb Stock Price with Interaction Terms";
  store out=GLMMODEL;
run;

proc plm restore=GLMMODEL noinfo;
  effectplot slicefit(x=EBAY sliceby=CZR);
run;

/* Model with Interaction Terms */

```

```
proc reg data=stocks_2;
  model ABNB = EBAY CZR DRI SBUX TSLA ebay_czr ebay_dri ebay_sbux
  ebay_tsla  czr_sbux czr_tsla dri_sbux dri_tsla sbux_tsla/vif;
  test ebay_czr, ebay_dri, ebay_sbux, ebay_tsla,
    czr_sbux, czr_tsla, dri_sbux, dri_tsla, sbux_tsla;
  title "Model with Interaction Terms";
run;
```

```
/* Model with Second-Order (Quadratic) Terms */
proc reg data=stocks_2;
  model ABNB = EBAY CZR DRI SBUX TSLA ebay2 czr2 dri2 sbux2
  tsla2/vif;
  test ebay2, czr2, dri2, sbux2, tsla2;
  title "Model with Quadratic Terms";
run;
```

OUTPUT

The CONTENTS Procedure

Data Set Name	WORK STOCKS	Observations	249
Member Type	DATA	Variables	53
Engine	V9	Indexes	0
Created	05/03/2024 05:22:04	Observation Length	424
Last Modified	05/03/2024 05:22:04	Deleted Observations	0
Protection		Compressed	NO
Data Set Type		Sorted	NO
Label			
Data Representation	SOLARIS_X86_64, LINUX_X86_64, ALPHA_TRU64, LINUX_IA64		
Encoding	utf-8 Unicode (UTF-8)		

Engine/Host Dependent Information	
Data Set Page Size	131072
Number of Data Set Pages	1
First Data Page	1
Max Obs per Page	308
Obs in First Data Page	249
Number of Data Set Repairs	0
Filename	/saswork/SAS_workCC1B000060EA_odaws02-usw2-2.oda.sas.com/SAS_work1CA0000060EA_odaws02-usw2-2.oda.sas.com/stocks.sas7bdat
Release Created	9.0401M7
Host Created	Linux
Inode Number	1140851001
Access Permission	rw-r--r--
Owner Name	u63739262
File Size	256KB
File Size (bytes)	262144

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
2	ABNB	Num	8	BEST.	ABNB
3	AMZN	Num	8	BEST.	AMZN
4	APTV	Num	8	BEST.	APTV
5	AZO	Num	8	BEST.	AZO
6	BBWI	Num	8	BEST.	BBWI
7	BBY	Num	8	BEST.	BBY
8	BKNG	Num	8	BEST.	BKNG
9	BWA	Num	8	BEST.	BWA
12	CCL	Num	8	BEST.	CCL
13	CMG	Num	8	BEST.	CMG
10	CZR	Num	8	BEST.	CZR
15	DECK	Num	8	BEST.	DECK
17	DHI	Num	8	BEST.	DHI
16	DPZ	Num	8	BEST.	DPZ
14	DRI	Num	8	BEST.	DRI
1	Date	Num	8	MMDDYY10.	Date
18	EBAY	Num	8	BEST.	EBAY
19	ETSY	Num	8	BEST.	ETSY
20	EXPE	Num	8	BEST.	EXPE
21	F	Num	8	BEST.	F
23	GM	Num	8	BEST.	GM
24	GPC	Num	8	BEST.	GPC
22	GRMN	Num	8	BEST.	GRMN
25	HAS	Num	8	BEST.	HAS
27	HD	Num	8	BEST.	HD
26	HLT	Num	8	BEST.	HLT
11	KMX	Num	8	BEST.	KMX
29	LEN	Num	8	BEST.	LEN
30	LKQ	Num	8	BEST.	LKQ
31	LOW	Num	8	BEST.	LOW
32	LULU	Num	8	BEST.	LULU
28	LVS	Num	8	BEST.	LVS
33	MAR	Num	8	BEST.	MAR
34	MCD	Num	8	BEST.	MCD
35	MGM	Num	8	BEST.	MGM
36	MHK	Num	8	BEST.	MHK
38	NCLH	Num	8	BEST.	NCLH
37	NKE	Num	8	BEST.	NKE
39	NVR	Num	8	BEST.	NVR
40	ORLY	Num	8	BEST.	ORLY
42	PHM	Num	8	BEST.	PHM
41	POOL	Num	8	BEST.	POOL
45	RCL	Num	8	BEST.	RCL
43	RL	Num	8	BEST.	RL
44	ROST	Num	8	BEST.	ROST

Alphabetic List of Variables and Attributes					
#	Variable	Type	Len	Format	Label
46	SBUX	Num	8	BEST.	SBUX
49	TJX	Num	8	BEST.	TJX
47	TPR	Num	8	BEST.	TPR
50	TSCO	Num	8	BEST.	TSCO
48	TSLA	Num	8	BEST.	TSLA
51	ULTA	Num	8	BEST.	ULTA
52	WYNN	Num	8	BEST.	WYNN
53	YUM	Num	8	BEST.	YUM

The UNIVARIATE Procedure
Variable: Date (Date)

Moments			
N	249	Sum Weights	249
Mean	23282.9357	Sum Observations	5797451
Std Deviation	104.75688	Variance	10974.0039
Skewness	0.00835964	Kurtosis	-1.1875441
Uncorrected SS	1.34984E11	Corrected SS	2721552.97
Coeff Variation	0.44992986	Std Error Mean	6.63869753

Basic Statistical Measures			
Location		Variability	
Mean	23282.94	Std Deviation	104.75688
Median	23282.00	Variance	10974
Mode	.	Range	360.00000
		Interquartile Range	178.00000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	3507.154	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	23463
99%	23461
95%	23447
90%	23429
75% Q3	23372
50% Median	23282
25% Q1	23194
10%	23138
5%	23120
1%	23105
0% Min	23103

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
23103	1	23457	245
23104	2	23460	246
23105	3	23461	247
23106	4	23462	248
23110	5	23463	249

The UNIVARIATE Procedure
Variable: ABNB (ABNB)

Moments			
N	249	Sum Weights	249
Mean	133.767791	Sum Observations	33308.18
Std Deviation	15.3263562	Variance	234.897193
Skewness	0.27059083	Kurtosis	-0.5694417
Uncorrected SS	4513816.17	Corrected SS	58254.5039
Coeff Variation	11.4574338	Std Error Mean	0.97126836

Basic Statistical Measures			
Location		Variability	
Mean	133.7678	Std Deviation	15.32636
Median	132.6900	Variance	234.89719
Mode	115.5000	Range	63.76000

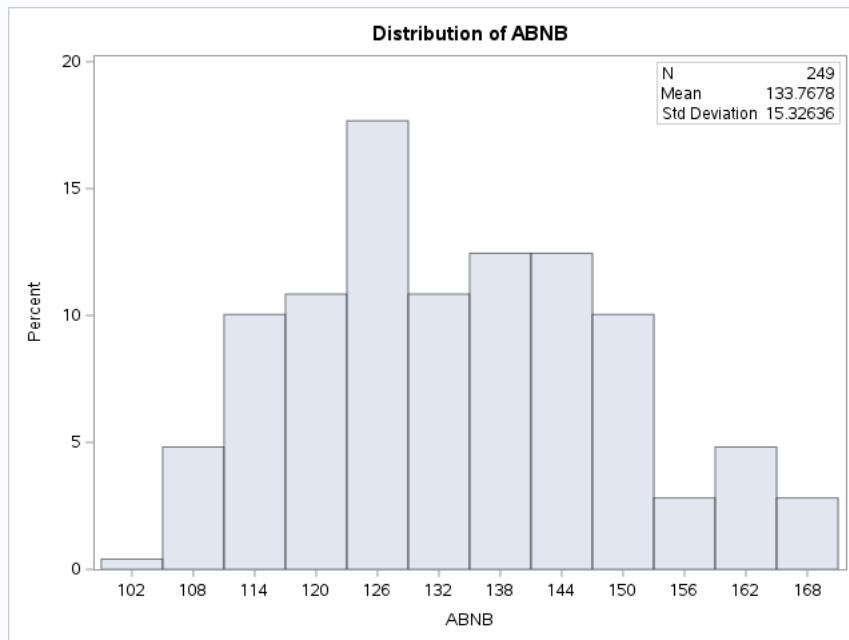
Basic Statistical Measures			
Location		Variability	
		Interquartile Range 22.55000	

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	137.7249	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	168.18
99%	167.86
95%	163.54
90%	153.43
75% Q3	144.56
50% Median	132.69
25% Q1	122.01
10%	114.65
5%	109.93
1%	105.41
0% Min	104.42

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
104.420	38	166.67	237
105.275	29	167.39	247
105.410	31	167.86	245
105.710	37	167.99	246
105.780	30	168.18	244

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: AMZN (AMZN)

Moments			
N	249	Sum Weights	249
Mean	138.696668	Sum Observations	34535.52
Std Deviation	20.8658906	Variance	435.385389
Skewness	0.22651395	Kurtosis	-0.5262048
Uncorrected SS	4897944.03	Corrected SS	107975.577
Coeff Variation	15.0442407	Std Error Mean	1.32232209

Basic Statistical Measures			
Location		Variability	
Mean	138.6969	Std Deviation	20.86589

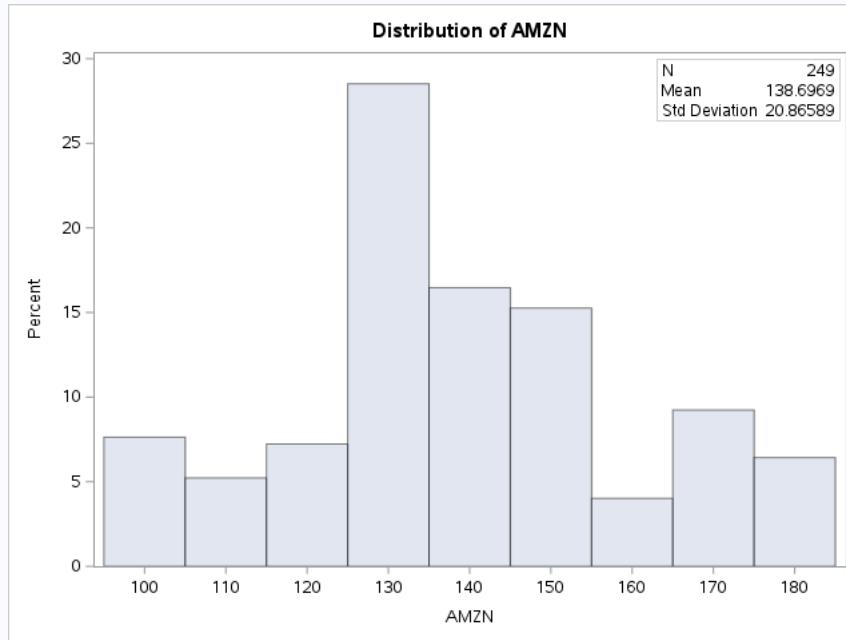
Basic Statistical Measures			
Location	Variability		
Median	135.3600	Variance	435.38539
Mode	125.9800	Range	82.55000
		Interquartile Range	25.28000

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 104.8889	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	180.38
99%	179.71
95%	176.56
90%	173.51
75% Q3	151.94
50% Median	135.36
25% Q1	126.66
10%	106.96
5%	103.63
1%	101.10
0% Min	97.83

Extreme Observations			
Lowest	Highest		
Value	Obs	Value	Obs
97.83	7	178.75	239
99.92	6	178.87	245
101.10	3	179.71	246
102.05	20	179.83	248
102.06	4	180.38	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: APTV (APTV)

Moments			
N	249	Sum Weights	249
Mean	92.3150602	Sum Observations	22986.45
Std Deviation	10.6571579	Variance	113.575015
Skewness	0.03923752	Kurtosis	-1.277925
Uncorrected SS	2150162.12	Corrected SS	28166.6037
Coeff Variation	11.544333	Std Error Mean	0.67536994

Basic Statistical Measures			
Location		Variability	
Mean	92.31506	Std Deviation	10.65716
Median	93.37000	Variance	113.57501
Mode	78.77000	Range	39.59000
		Interquartile Range	19.64000

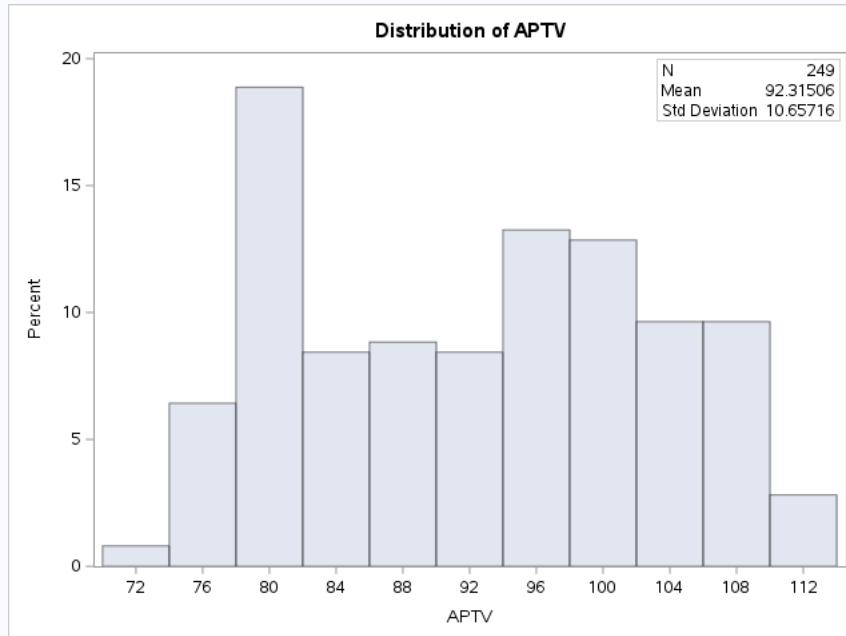
Note: The mode displayed is the smallest of 14 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 136.6881	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	112.40
99%	111.01
95%	109.25
90%	107.15
75% Q3	101.28
50% Median	93.37
25% Q1	81.64
10%	78.72
5%	77.52
1%	74.45
0% Min	72.81

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
72.81	154	110.39	79
73.96	153	110.49	1
74.45	151	111.01	71
75.43	156	112.37	70
75.72	152	112.40	69

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: AZO (AZO)

Moments			
N	249	Sum Weights	249
Mean	2626.37365	Sum Observations	653967.04
Std Deviation	189.33995	Variance	35849.6166
Skewness	1.42451566	Kurtosis	1.90741249
Uncorrected SS	1726452507	Corrected SS	8890704.91

Moments			
Coeff Variation	7.20917793	Std Error Mean	11.9989318

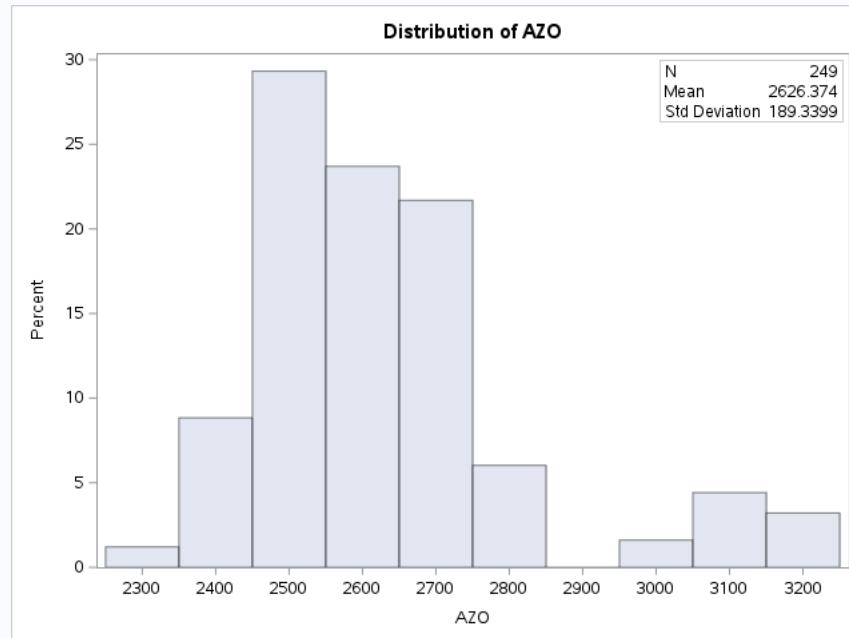
Basic Statistical Measures			
Location		Variability	
Mean	2626.374	Std Deviation	189.33995
Median	2574.540	Variance	35850
Mode	.	Range	932.67017
		Interquartile Range	195.27002

Tests for Location: Mu0=0				
Test	Statistic	p Value		
Student's t	t	218.884	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	3239.32
99%	3192.79
95%	3102.86
90%	2838.66
75% Q3	2688.00
50% Median	2574.54
25% Q1	2492.73
10%	2449.80
5%	2423.62
1%	2339.95
0% Min	2306.65

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2306.65	46	3187.38	243
2323.05	45	3191.48	247
2339.95	44	3192.79	248
2360.61	47	3210.40	244
2363.19	48	3239.32	245

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: BBWI (BBWI)

Moments			
N	249	Sum Weights	249
Mean	37.8402812	Sum Observations	9422.23001
Std Deviation	5.14521711	Variance	26.4732591
Skewness	0.27330083	Kurtosis	-0.7819173

Moments			
Uncorrected SS	363105.201	Corrected SS	6565.36827
Coeff Variation	13.5971958	Std Error Mean	0.32606489

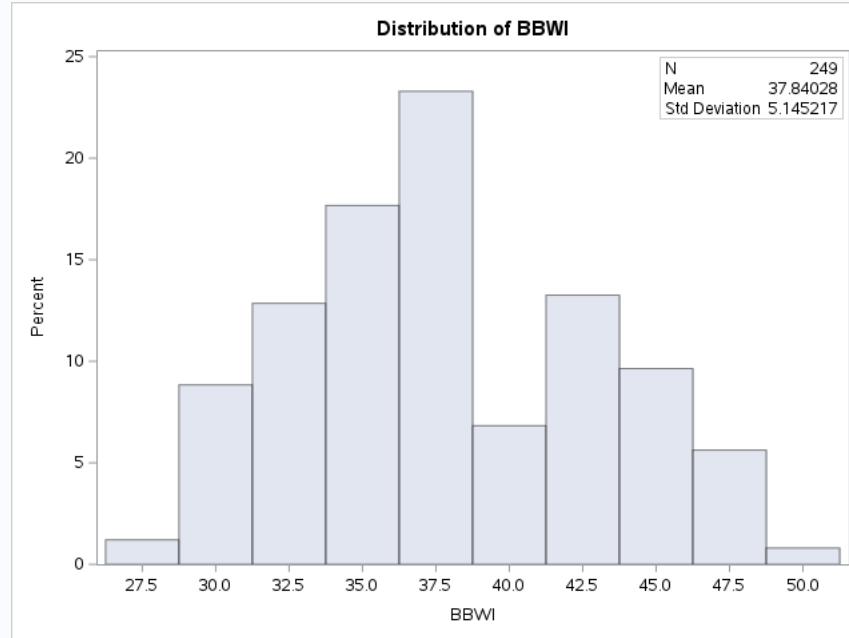
Basic Statistical Measures			
Location		Variability	
Mean	37.84028	Std Deviation	5.14522
Median	37.01000	Variance	26.47326
Mode	36.99000	Range	21.90000
		Interquartile Range	7.88000

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	Pr > t	<.0001
Sign	M	Pr >= M	<.0001
Signed Rank	S	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	50.02
99%	48.33
95%	46.69
90%	45.50
75% Q3	42.43
50% Median	37.01
25% Q1	34.55
10%	31.11
5%	29.73
1%	28.69
0% Min	28.12

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
28.12	143	48.10	243
28.29	145	48.27	244
28.69	144	48.33	228
28.84	142	49.45	248
29.06	161	50.02	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: BBY (BBY)

Moments			
N	249	Sum Weights	249
Mean	74.6114456	Sum Observations	18578.25
Std Deviation	4.68729239	Variance	21.97071

Moments			
Skewness	-0.0236907	Kurtosis	-0.4322246
Uncorrected SS	1391598.82	Corrected SS	5448.73607
Coeff Variation	6.2822699	Std Error Mean	0.29704509

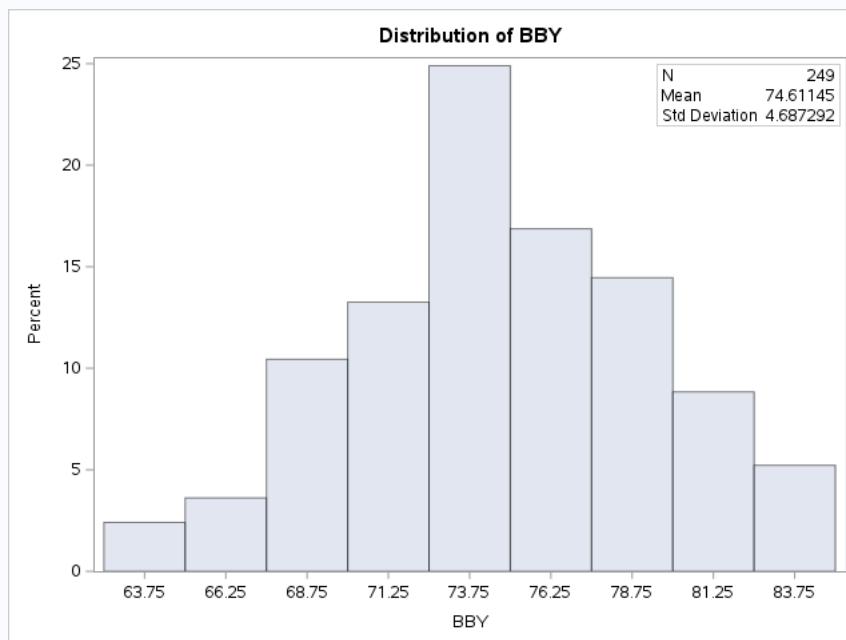
Basic Statistical Measures			
Location	Variability		
Mean	74.61145	Std Deviation	4.68729
Median	74.33000	Variance	21.97071
Mode	72.67000	Range	22.07000
		Interquartile Range	6.57999

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	251.1789	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	84.95
99%	84.22
95%	82.76
90%	81.24
75% Q3	78.02
50% Median	74.33
25% Q1	71.44
10%	68.22
5%	66.82
1%	63.94
0% Min	62.88

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
62.88	154	83.62	75
63.84	156	84.22	74
63.94	153	84.22	79
64.12	155	84.79	77
64.41	145	84.95	78

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: BKNG (BKNG)

Moments			
N	249	Sum Weights	249
Mean	3085.72212	Sum Observations	768344.809

Moments			
Std Deviation	361.258906	Variance	130507.997
Skewness	0.2084184	Kurtosis	-1.1546264
Uncorrected SS	2403264557	Corrected SS	32365983.3
Coeff Variation	11.7074348	Std Error Mean	22.893853

Basic Statistical Measures			
Location		Variability	
Mean	3085.722	Std Deviation	361.25891
Median	3074.230	Variance	130508
Mode	2597.370	Range	1393
		Interquartile Range	746.79004

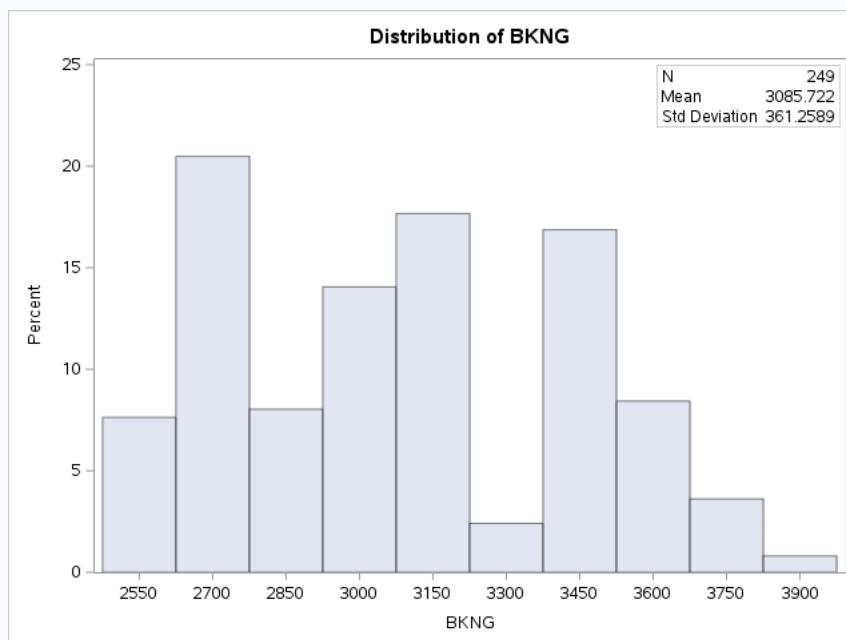
Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 134.7839	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	3901.99
99%	3790.23
95%	3661.08
90%	3555.15
75% Q3	3462.84
50% Median	3074.23
25% Q1	2716.05
10%	2634.91
5%	2605.34
1%	2547.25
0% Min	2508.77

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
2508.77	41	3750.66	220
2528.77	40	3758.18	216
2547.25	7	3790.23	217
2550.00	42	3840.22	215
2566.47	6	3901.99	224

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: BWA (BWA)

Moments

Moments			
N	249	Sum Weights	249
Mean	38.0003005	Sum Observations	9462.07482
Std Deviation	4.43161617	Variance	19.6392219
Skewness	-0.0163293	Kurtosis	-1.1159181
Uncorrected SS	364432.214	Corrected SS	4870.52703
Coeff Variation	11.6620556	Std Error Mean	0.28084226

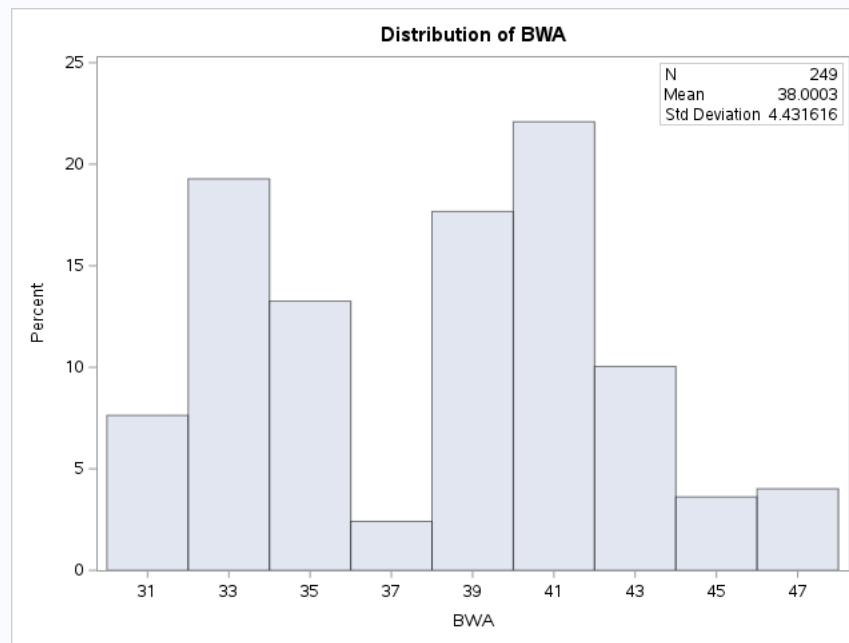
Basic Statistical Measures			
Location		Variability	
Mean	38.00030	Std Deviation	4.43162
Median	39.25000	Variance	19.63922
Mode	40.76000	Range	16.79000
		Interquartile Range	7.42000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	135.3083	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	46.9500
99%	46.4700
95%	45.6500
90%	43.0194
75% Q3	41.2500
50% Median	39.2500
25% Q1	33.8300
10%	32.1300
5%	31.1500
1%	30.2700
0% Min	30.1600

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
30.16	222	46.40	69
30.17	226	46.40	79
30.27	223	46.47	83
30.41	225	46.50	82
30.51	224	46.95	70

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: CZR (CZR)

Moments			
N	249	Sum Weights	249
Mean	46.5801405	Sum Observations	11598.455
Std Deviation	4.74288158	Variance	22.4949257
Skewness	0.84233498	Kurtosis	-0.0991064
Uncorrected SS	545836.405	Corrected SS	5578.74157
Coeff Variation	10.1821968	Std Error Mean	0.30056791

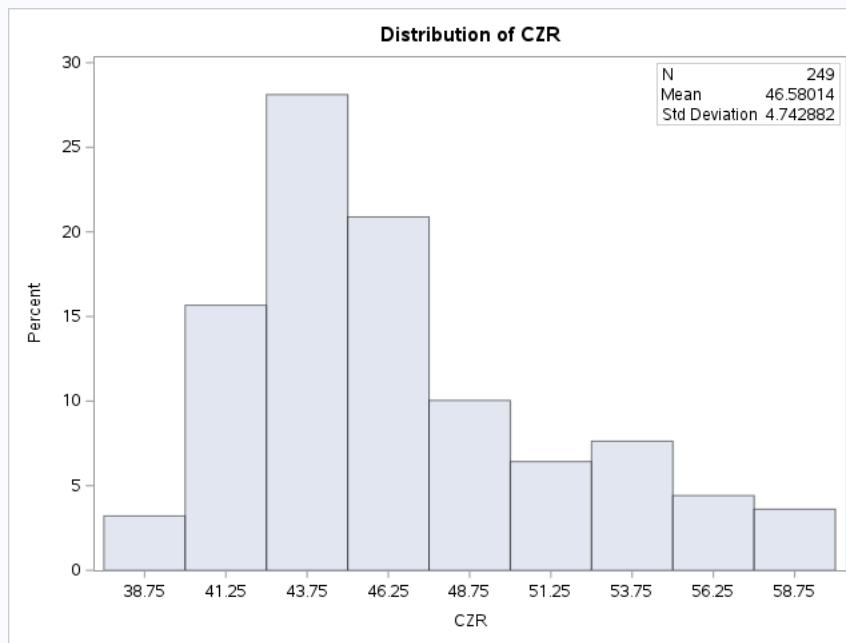
Basic Statistical Measures			
Location		Variability	
Mean	46.58014	Std Deviation	4.74288
Median	45.29000	Variance	22.49493
Mode	43.41000	Range	20.84000
		Interquartile Range	5.75000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	154.9738	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	59.38
99%	58.10
95%	56.15
90%	54.07
75% Q3	49.16
50% Median	45.29
25% Q1	43.41
10%	41.57
5%	40.99
1%	39.14
0% Min	38.54

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
38.54	143	57.80	80
38.76	144	57.94	81
39.14	145	58.10	78
39.17	240	59.02	82
39.47	148	59.38	79

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: KMX (KMX)

Moments			
N	249	Sum Weights	249
Mean	74.4864257	Sum Observations	18547.12
Std Deviation	7.18500394	Variance	51.6242817
Skewness	-0.0745014	Kurtosis	-1.1838871
Uncorrected SS	1394311.5	Corrected SS	12802.8219
Coeff Variation	9.64605816	Std Error Mean	0.45533112

Basic Statistical Measures			
Location		Variability	
Mean	74.48643	Std Deviation	7.18500
Median	73.13000	Variance	51.62428
Mode	72.21000	Range	26.72000
		Interquartile Range	12.19000

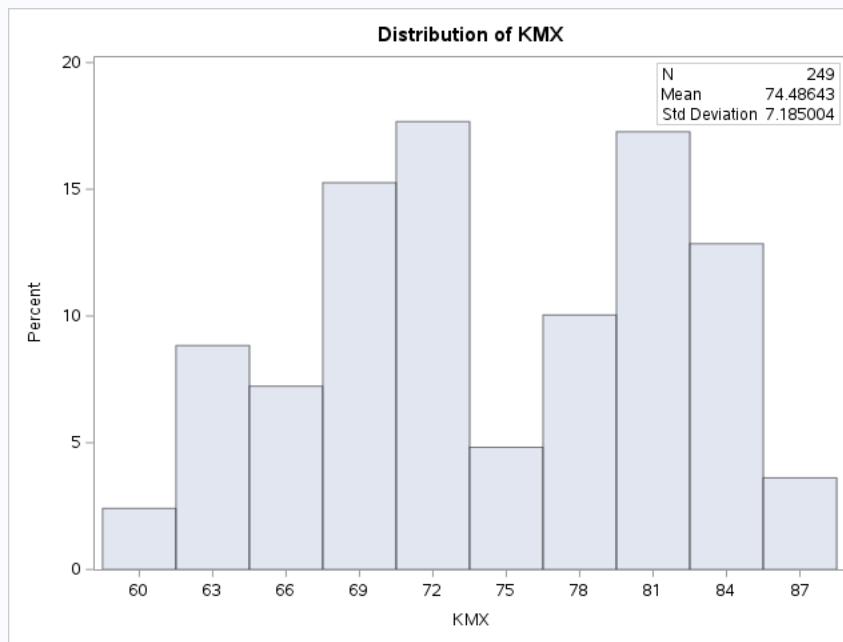
Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	163.5874	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	87.11
99%	86.44
95%	85.14
90%	83.70
75% Q3	81.18
50% Median	73.13
25% Q1	68.99
10%	64.16
5%	63.37
1%	60.53
0% Min	60.39

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
60.39	144	85.83	88
60.51	145	86.21	57
60.53	143	86.44	244
60.67	146	86.98	248
61.09	147	87.11	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: CCL (CCL)

Moments			
N	249	Sum Weights	249
Mean	14.763976	Sum Observations	3676.23001
Std Deviation	2.82572302	Variance	7.9847106
Skewness	-0.4998493	Kurtosis	-0.8618279
Uncorrected SS	56255.9797	Corrected SS	1980.20823
Coeff Variation	19.1393093	Std Error Mean	0.17907292

Basic Statistical Measures			
Location		Variability	
Mean	14.76398	Std Deviation	2.82572
Median	15.59000	Variance	7.98471
Mode	15.71000	Range	10.54000
		Interquartile Range	4.40000

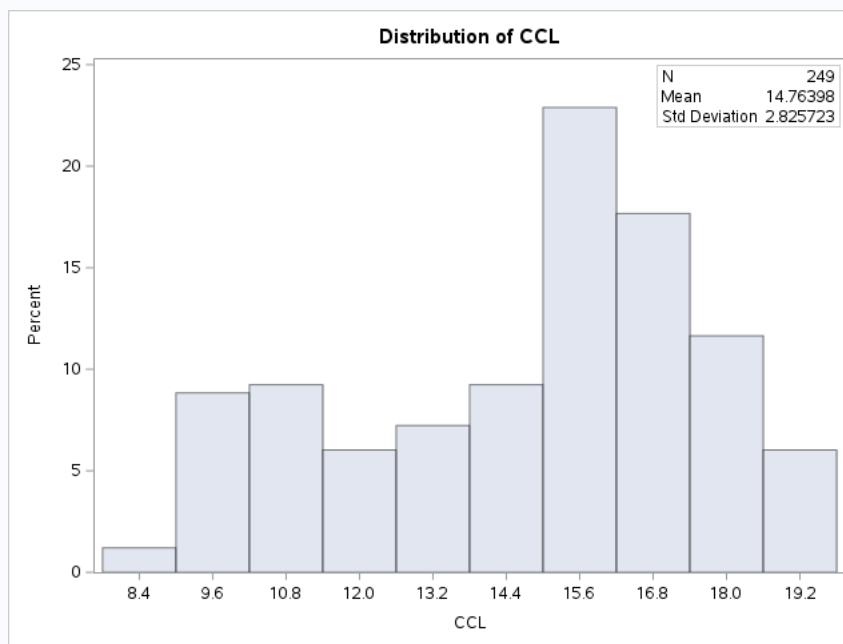
Note: The mode displayed is the smallest of 3 modes with a count of 3.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	82.44673	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	19.30
99%	19.19
95%	18.67
90%	18.11
75% Q3	16.96
50% Median	15.59
25% Q1	12.56
10%	10.04
5%	9.62
1%	8.96
0% Min	8.76

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
8.76	17	18.96	63
8.90	18	19.04	66
8.96	16	19.19	183
9.21	19	19.21	64
9.28	15	19.30	67

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	2138.46301	Sum Observations	532477.291
Std Deviation	295.600155	Variance	87379.4519
Skewness	0.90025221	Kurtosis	0.12772637
Uncorrected SS	1160353096	Corrected SS	21670104.1
Coeff Variation	13.8230193	Std Error Mean	18.7328987

Basic Statistical Measures			
Location		Variability	
Mean	2138.463	Std Deviation	295.60016
Median	2067.620	Variance	87379
Mode	2058.120	Range	1270
		Interquartile Range	377.65991

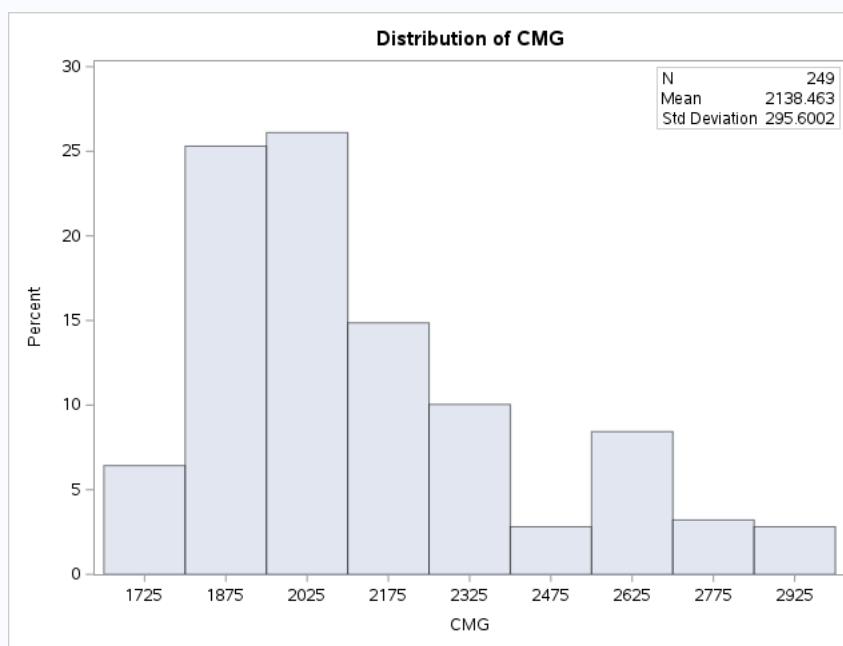
Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 114.1555	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	2955.53
99%	2906.77
95%	2720.30
90%	2646.72
75% Q3	2286.96
50% Median	2067.62
25% Q1	1909.30
10%	1829.51
5%	1781.48
1%	1695.77
0% Min	1685.21

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
1685.21	4	2903.44	246
1691.56	5	2904.98	244
1695.77	7	2906.77	249
1697.42	3	2923.46	248
1714.06	6	2955.53	247

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	158.202289	Sum Observations	39392.37
Std Deviation	9.28220705	Variance	86.1593677
Skewness	-0.4767652	Kurtosis	-0.4835615
Uncorrected SS	6253330.65	Corrected SS	21367.5232
Coeff Variation	5.86730261	Std Error Mean	0.58823597

Basic Statistical Measures			
Location		Variability	
Mean	158.2023	Std Deviation	9.28221
Median	161.0000	Variance	86.15937
Mode	153.0900	Range	41.89000
		Interquartile Range	13.28999

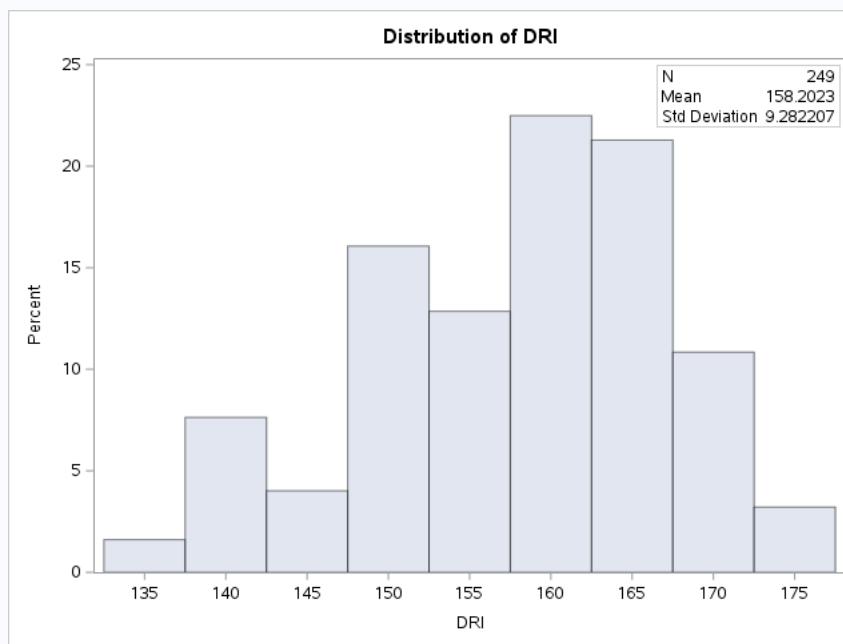
Note: The mode displayed is the smallest of 15 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 268.9436	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	175.89
99%	174.57
95%	171.77
90%	169.51
75% Q3	164.79
50% Median	161.00
25% Q1	151.50
10%	143.22
5%	141.20
1%	136.94
0% Min	134.00

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
134.00	135	174.09	242
134.25	134	174.41	232
136.94	130	174.57	238
137.08	131	174.58	243
137.52	133	175.89	233

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	614.06088	Sum Observations	152901.159
Std Deviation	145.227715	Variance	21091.0891
Skewness	0.94357454	Kurtosis	-0.3819538
Uncorrected SS	99121210.5	Corrected SS	5230590.1
Coeff Variation	23.6503772	Std Error Mean	9.20343246

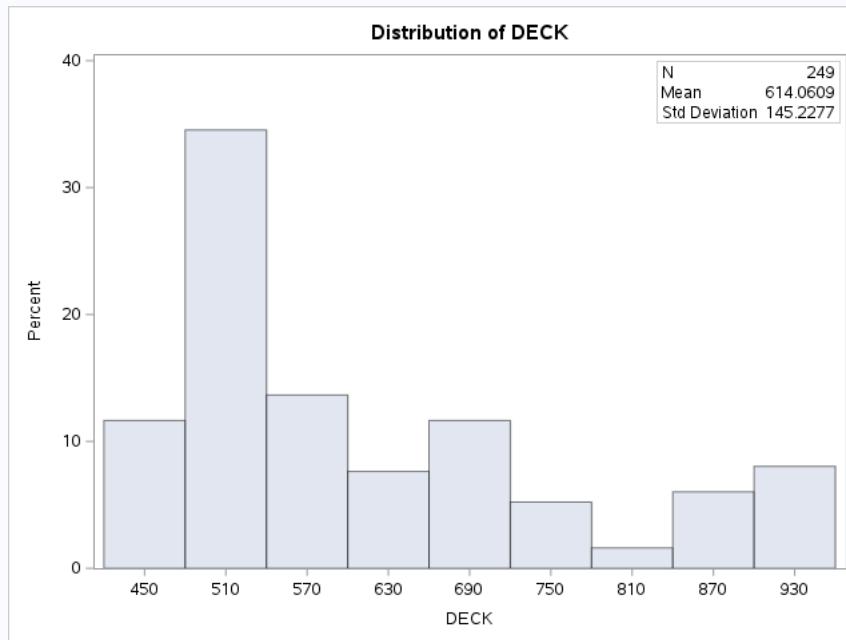
Basic Statistical Measures			
Location		Variability	
Mean	614.0609	Std Deviation	145.22771
Median	548.0800	Variance	21091
Mode	908.8600	Range	512.61002
		Interquartile Range	195.57004

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	66.72085	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	952.94
99%	937.90
95%	912.20
90%	880.48
75% Q3	697.84
50% Median	548.08
25% Q1	502.27
10%	477.44
5%	463.11
1%	448.79
0% Min	440.33

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
440.33	37	933.05	239
446.39	4	937.45	247
448.79	36	937.90	248
449.18	3	941.26	249
450.01	38	952.94	244

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: DPZ (DPZ)

Moments			
N	249	Sum Weights	249
Mean	377.15710	Sum Observations	93912.1197
Std Deviation	45.8538145	Variance	2102.5723
Skewness	-0.0295565	Kurtosis	-0.7534794
Uncorrected SS	35941061.3	Corrected SS	521437.931
Coeff Variation	12.157749	Std Error Mean	2.90586742

Basic Statistical Measures			
Location		Variability	
Mean	377.1571	Std Deviation	45.85381
Median	384.6600	Variance	2103
Mode	394.9000	Range	207.03000
		Interquartile Range	72.13998

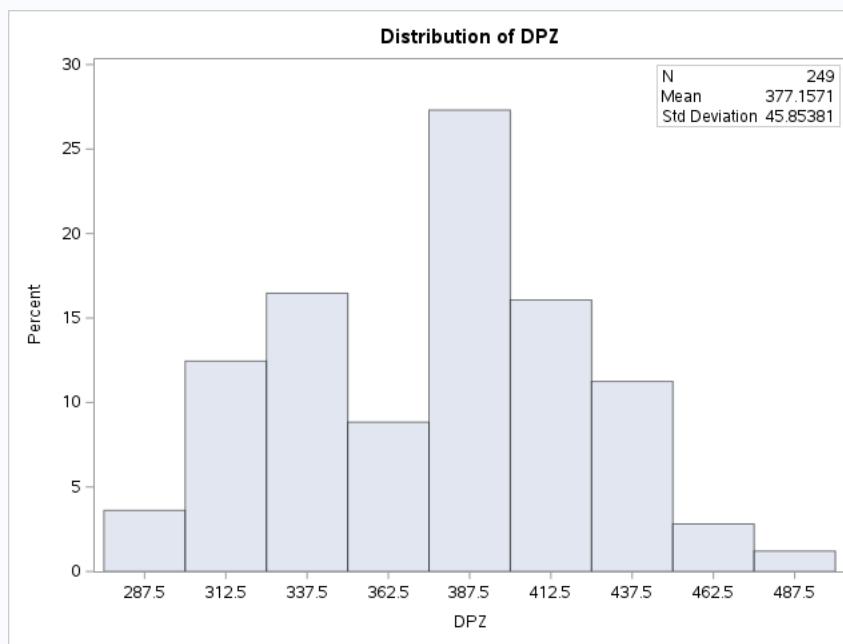
Note: The mode displayed is the smallest of 3 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	129.7916	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	496.88
99%	483.00
95%	448.35
90%	434.74
75% Q3	408.80
50% Median	384.66
25% Q1	336.66
10%	308.94
5%	303.19
1%	296.67
0% Min	289.85

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
289.85	41	459.00	226
291.39	40	465.11	246
296.67	42	483.00	247
297.56	46	492.13	248
297.74	45	496.88	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: DHI (DHI)

Moments			
N	249	Sum Weights	249
Mean	125.395984	Sum Observations	31223.6001
Std Deviation	18.201519	Variance	331.295035
Skewness	0.3794714	Kurtosis	-1.1105975
Uncorrected SS	3997475.23	Corrected SS	82161.1688
Coeff Variation	14.5152271	Std Error Mean	1.15347395

Basic Statistical Measures			
Location		Variability	
Mean	125.3960	Std Deviation	18.20151
Median	121.6900	Variance	331.29504
Mode	100.6600	Range	68.91000
		Interquartile Range	34.32000

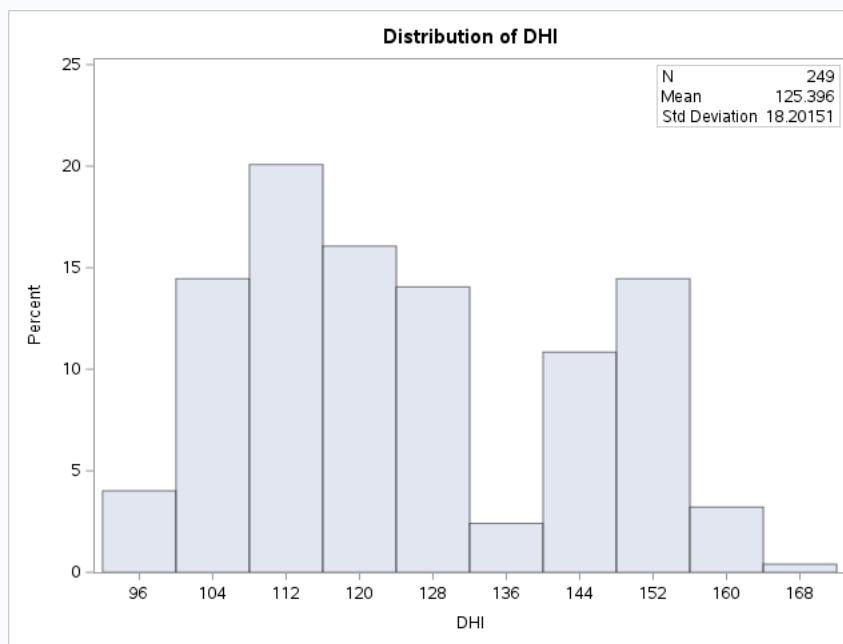
Note: The mode displayed is the smallest of 6 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	108.7116	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	164.55
99%	161.82
95%	154.98
90%	151.98
75% Q3	143.47
50% Median	121.69
25% Q1	109.15
10%	103.79
5%	101.24
1%	97.39
0% Min	95.64

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
95.64	4	159.78	246
96.22	5	161.40	244
97.39	3	161.82	245
97.41	2	162.05	248
97.98	8	164.55	249

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	43.9429315	Sum Observations	10941.79
Std Deviation	2.89356491	Variance	8.37271791
Skewness	1.10186025	Kurtosis	1.51509545
Uncorrected SS	482890.761	Corrected SS	2076.43404
Coeff Variation	6.58482448	Std Error Mean	0.18337223

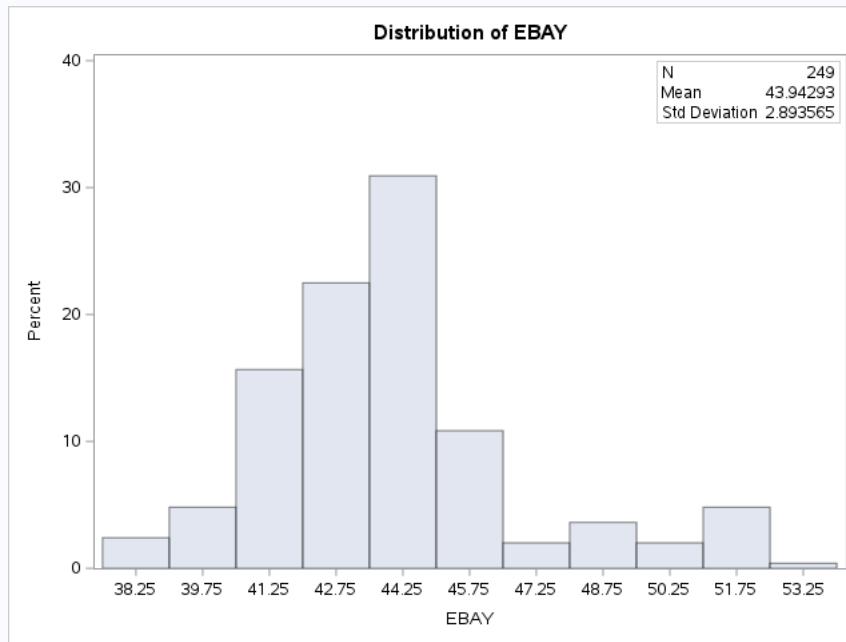
Basic Statistical Measures			
Location		Variability	
Mean	43.94293	Std Deviation	2.89356
Median	43.59000	Variance	8.37272
Mode	43.62000	Range	14.79000
		Interquartile Range	2.35000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	239.6379	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	52.78
99%	52.25
95%	51.08
90%	48.31
75% Q3	44.78
50% Median	43.59
25% Q1	42.43
10%	40.77
5%	40.14
1%	38.64
0% Min	37.99

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
37.99	145	52.00	244
38.36	144	52.20	240
38.64	146	52.25	239
38.71	148	52.41	238
38.73	156	52.78	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: ETSY (ETSY)

Moments			
N	249	Sum Weights	249
Mean	79.1087147	Sum Observations	19698.07
Std Deviation	12.4940096	Variance	156.100276
Skewness	0.4601601	Kurtosis	-0.930446
Uncorrected SS	1597001.86	Corrected SS	38712.8684
Coeff Variation	15.7934681	Std Error Mean	0.79177569

Basic Statistical Measures			
Location		Variability	
Mean	79.10871	Std Deviation	12.49401
Median	75.87000	Variance	156.10028
Mode	64.84000	Range	48.98000
		Interquartile Range	20.42000

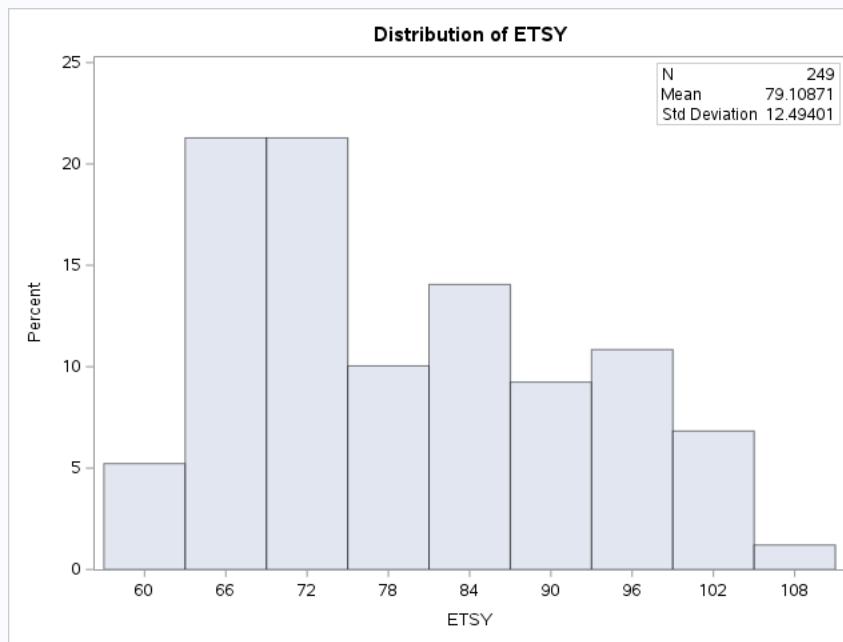
Note: The mode displayed is the smallest of 8 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	99.91304	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	109.64
99%	105.27
95%	102.05
90%	97.77
75% Q3	88.93
50% Median	75.87
25% Q1	68.51
10%	64.15
5%	62.96
1%	61.63
0% Min	60.66

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
60.66	148	103.64	6
61.31	146	104.06	4
61.63	149	105.27	3
61.87	122	108.25	1
61.89	123	109.64	2

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: EXPE (EXPE)

Moments			
N	249	Sum Weights	249
Mean	118.133173	Sum Observations	29415.1601
Std Deviation	20.4701717	Variance	419.027928
Skewness	0.3482049	Kurtosis	-1.2792656
Uncorrected SS	3578825.12	Corrected SS	103918.926
Coeff Variation	17.3280469	Std Error Mean	1.29724442

Basic Statistical Measures			
Location		Variability	
Mean	118.1332	Std Deviation	20.47017
Median	111.5400	Variance	419.02793
Mode	95.2300	Range	70.30000
		Interquartile Range	36.13001

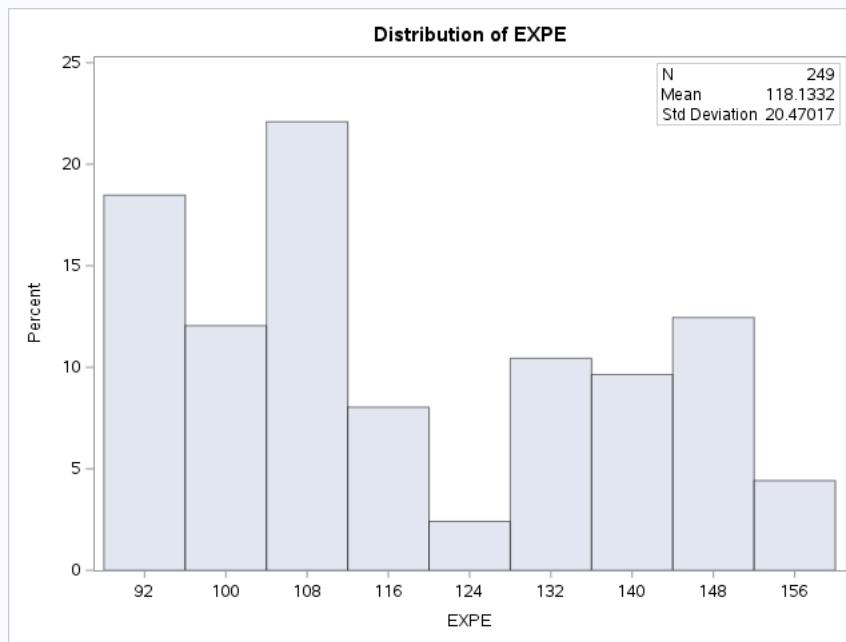
Note: The mode displayed is the smallest of 7 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	91.0647	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	159.47
99%	154.52
95%	151.85
90%	148.61
75% Q3	136.38
50% Median	111.54
25% Q1	100.25
10%	93.54
5%	92.03
1%	89.45
0% Min	89.17

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
89.17	23	153.98	207
89.34	7	154.38	214
89.45	29	154.52	183
89.81	5	155.31	184
89.87	17	159.47	215

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: F (F)

Moments			
N	249	Sum Weights	249
Mean	12.2204418	Sum Observations	3042.89
Std Deviation	1.16395296	Variance	1.3547865
Skewness	0.45936864	Kurtosis	0.61265182
Uncorrected SS	37521.4471	Corrected SS	335.987051
Coeff Variation	9.524639	Std Error Mean	0.07376252

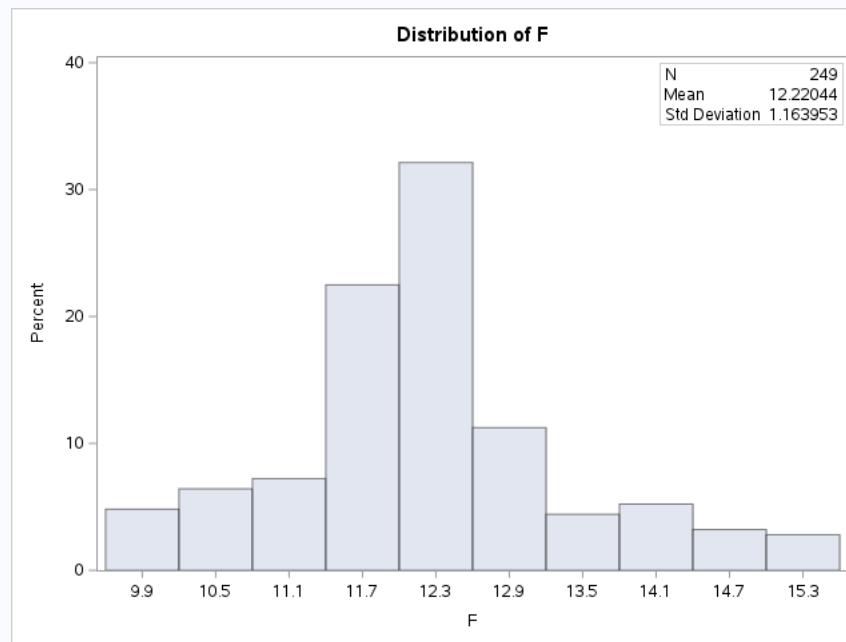
Basic Statistical Measures			
Location		Variability	
Mean	12.22044	Std Deviation	1.16395
Median	12.11000	Variance	1.35479
Mode	12.14000	Range	5.65000
		Interquartile Range	1.01000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	165.6728	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	15.35
99%	15.23
95%	14.45
90%	14.02
75% Q3	12.68
50% Median	12.11
25% Q1	11.67
10%	10.59
5%	10.26
1%	9.77
0% Min	9.70

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
9.70	154	15.19	70
9.75	147	15.22	69
9.77	146	15.23	68
9.82	156	15.24	63
9.86	155	15.35	64

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: GRMN (GRMN)

Moments			
N	249	Sum Weights	249
Mean	113.675381	Sum Observations	28305.1699
Std Deviation	13.6050446	Variance	185.097239
Skewness	0.98742566	Kurtosis	0.04799195
Uncorrected SS	3263505.1	Corrected SS	45904.1153
Coeff Variation	11.9683299	Std Error Mean	0.86218467

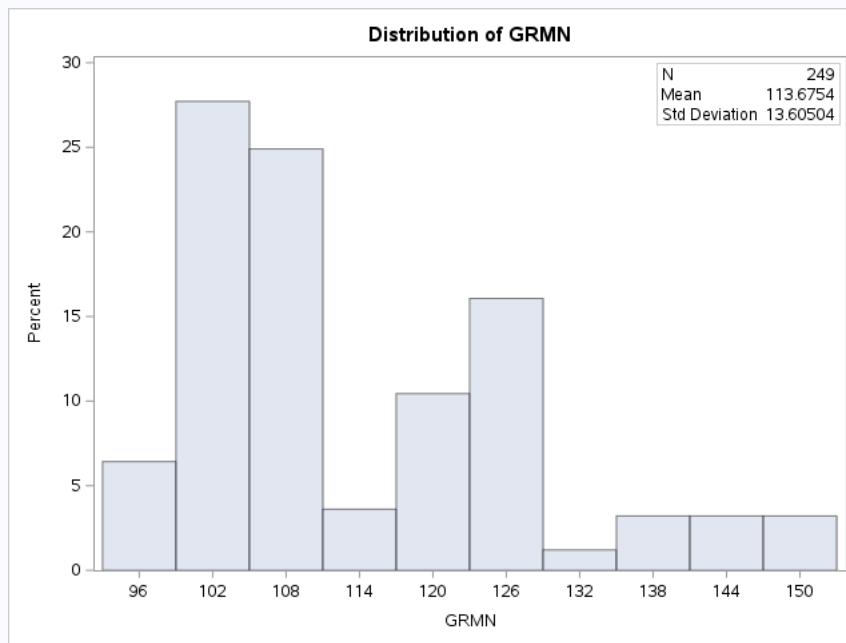
Basic Statistical Measures			
Location		Variability	
Mean	113.6754	Std Deviation	13.60504
Median	106.4800	Variance	185.09724
Mode	103.5100	Range	53.67000
		Interquartile Range	19.60001

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	131.8457	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	148.87
99%	148.35
95%	145.99
90%	134.69
75% Q3	123.37
50% Median	106.48
25% Q1	103.77
10%	101.28
5%	98.28
1%	96.94
0% Min	95.20

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
95.20	17	147.98	248
96.08	16	148.14	244
96.94	18	148.35	238
97.17	21	148.45	237
97.70	15	148.87	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: GM (GM)

Moments			
N	249	Sum Weights	249
Mean	34.9191968	Sum Observations	8694.87999
Std Deviation	3.84032086	Variance	14.7480643
Skewness	0.04106259	Kurtosis	-0.3482782
Uncorrected SS	307275.745	Corrected SS	3657.51995
Coeff Variation	10.9977354	Std Error Mean	0.24337045

Basic Statistical Measures			
Location		Variability	
Mean	34.91920	Std Deviation	3.84032
Median	34.59000	Variance	14.74806
Mode	33.12000	Range	18.70000
		Interquartile Range	5.33000

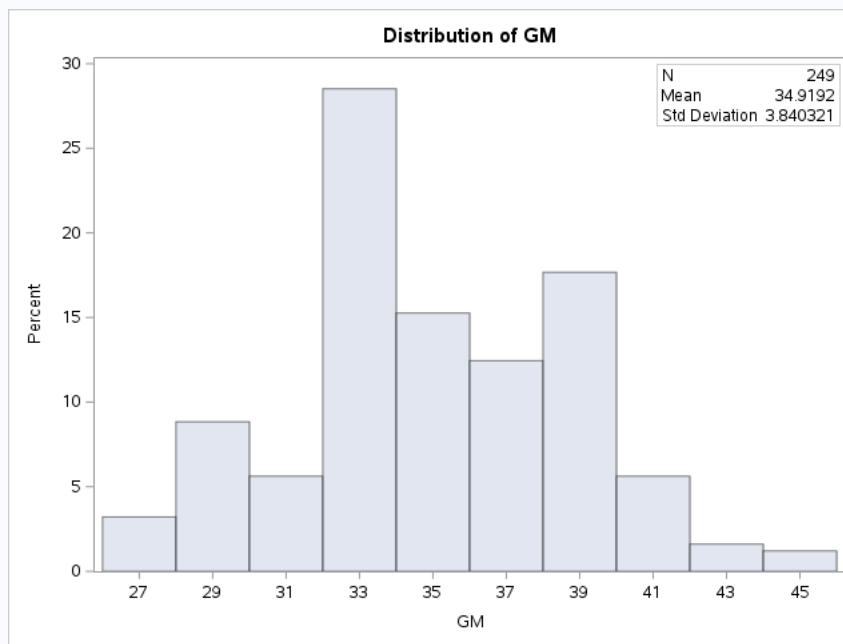
Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	143.4817	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	45.35
99%	44.00
95%	40.69
90%	39.63
75% Q3	38.05
50% Median	34.59
25% Q1	32.72
10%	29.22
5%	28.18
1%	26.90
0% Min	26.65

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
26.65	154	43.42	244
26.85	155	43.55	246
26.90	156	44.00	247
27.22	145	44.59	248
27.36	146	45.35	249

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	150.454297	Sum Observations	37463.12
Std Deviation	11.7567885	Variance	138.222077
Skewness	0.05333762	Kurtosis	-0.9584246
Uncorrected SS	5670766.47	Corrected SS	34279.075
Coeff Variation	7.81419259	Std Error Mean	0.7450562

Basic Statistical Measures			
Location		Variability	
Mean	150.4543	Std Deviation	11.75679
Median	150.5700	Variance	138.22208
Mode	136.1600	Range	46.60999
		Interquartile Range	18.18001

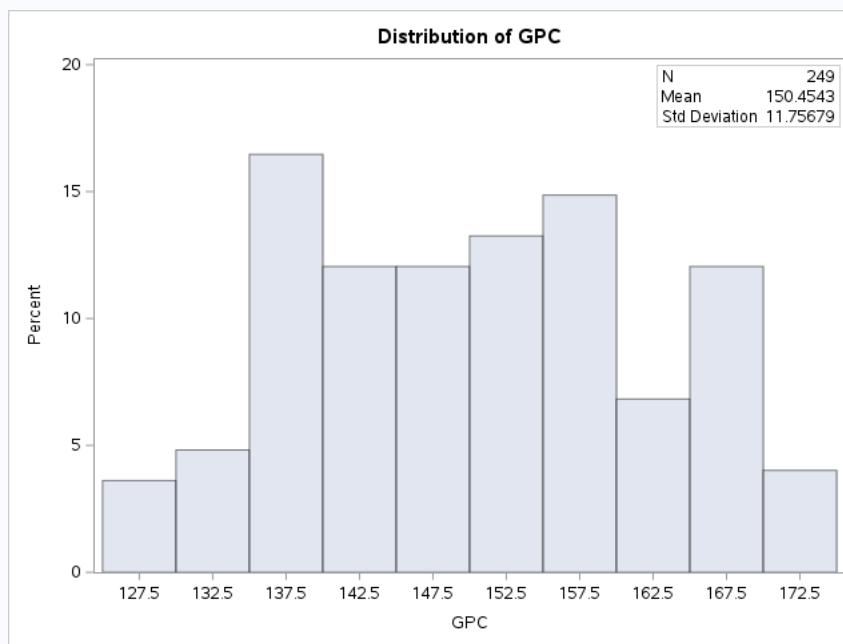
Note: The mode displayed is the smallest of 11 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 201.9368	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	173.73
99%	173.22
95%	168.74
90%	166.67
75% Q3	158.32
50% Median	150.57
25% Q1	140.14
10%	135.54
5%	132.98
1%	128.26
0% Min	127.12

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
127.12	145	171.98	22
127.52	146	172.61	25
128.26	141	173.22	26
128.43	143	173.69	27
128.63	140	173.73	24

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	56.5345784	Sum Observations	14077.11
Std Deviation	7.52416283	Variance	56.6130262
Skewness	0.17343324	Kurtosis	-1.1278099
Uncorrected SS	809883.51	Corrected SS	14040.0305
Coeff Variation	13.3089572	Std Error Mean	0.47682444

Basic Statistical Measures			
Location		Variability	
Mean	56.53458	Std Deviation	7.52416
Median	55.99000	Variance	56.61303
Mode	51.29000	Range	30.04000
		Interquartile Range	13.02000

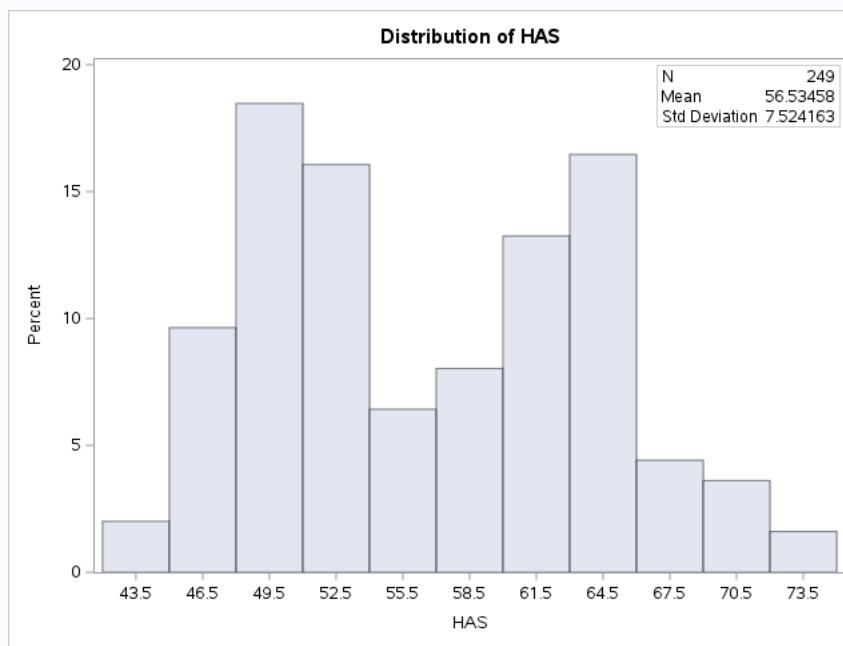
Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 118.5648	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	72.92
99%	72.64
95%	69.18
90%	65.95
75% Q3	63.27
50% Median	55.99
25% Q1	50.25
10%	47.11
5%	45.44
1%	43.26
0% Min	42.88

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
42.88	156	71.43	104
43.11	155	72.00	105
43.26	154	72.64	107
44.04	153	72.79	106
44.67	161	72.92	108

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	163.132892	Sum Observations	40620.0901
Std Deviation	22.0124815	Variance	484.549343
Skewness	0.84578622	Kurtosis	-0.6459046
Uncorrected SS	6746641	Corrected SS	120168.237
Coeff Variation	13.4935887	Std Error Mean	1.39498434

Basic Statistical Measures			
Location		Variability	
Mean	163.1329	Std Deviation	22.01248
Median	153.0000	Variance	484.54934
Mode	142.4100	Range	78.25999
		Interquartile Range	34.20001

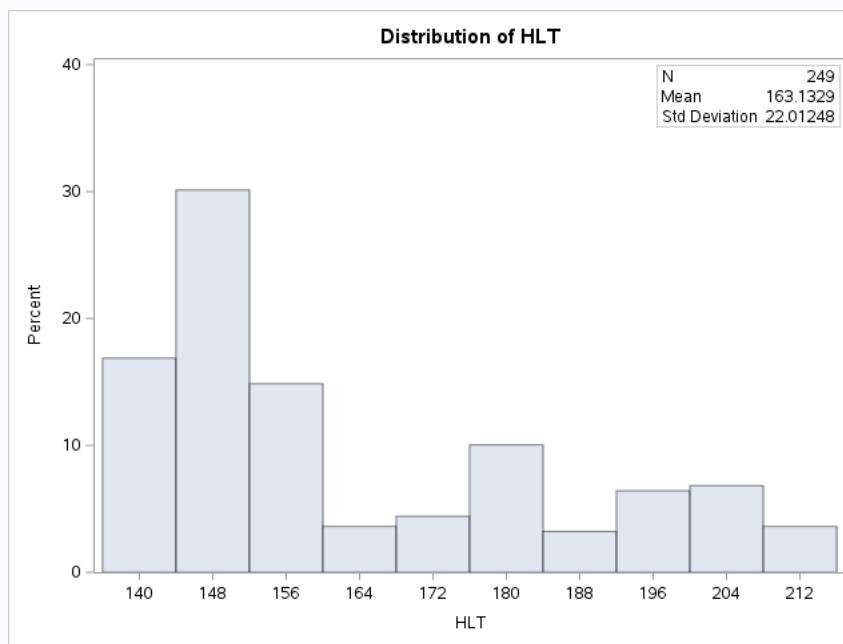
Note: The mode displayed is the smallest of 10 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	116.9425	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	214.34
99%	213.04
95%	205.71
90%	202.45
75% Q3	181.21
50% Median	153.00
25% Q1	147.01
10%	141.70
5%	139.63
1%	136.85
0% Min	136.08

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
136.08	40	210.55	244
136.12	41	211.30	245
136.85	37	213.04	247
137.11	57	213.31	249
137.67	42	214.34	248

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	322.779799	Sum Observations	80372.1699
Std Deviation	29.8398244	Variance	890.415118
Skewness	0.54628949	Kurtosis	-0.8541413
Uncorrected SS	26163335.8	Corrected SS	220822.949
Coeff Variation	9.24463813	Std Error Mean	1.89102203

Basic Statistical Measures			
Location		Variability	
Mean	322.7798	Std Deviation	29.83982
Median	317.2600	Variance	890.41512
Mode	288.0700	Range	118.74002
		Interquartile Range	52.53000

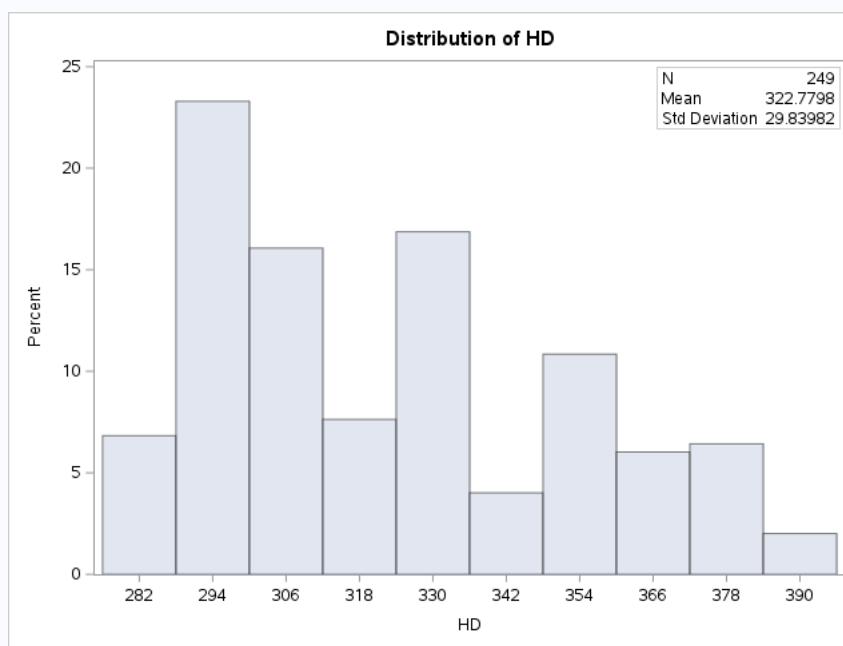
Note: The mode displayed is the smallest of 6 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 170.6907	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	395.20
99%	385.89
95%	378.45
90%	371.52
75% Q3	348.53
50% Median	317.26
25% Q1	296.00
10%	289.62
5%	286.75
1%	280.93
0% Min	276.46

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
276.46	145	384.41	243
278.00	144	384.45	230
280.93	143	385.89	248
281.48	146	390.28	245
282.33	31	395.20	244

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: LVS (LVS)

Moments			
N	249	Sum Weights	249
Mean	52.969759	Sum Observations	13189.47
Std Deviation	5.17903669	Variance	26.822421
Skewness	0.21625109	Kurtosis	-1.0728945
Uncorrected SS	705295.008	Corrected SS	6651.96042
Coeff Variation	9.77734614	Std Error Mean	0.32820811

Basic Statistical Measures			
Location		Variability	
Mean	52.96976	Std Deviation	5.17904
Median	52.61000	Variance	26.82242
Mode	48.92000	Range	20.76000
		Interquartile Range	8.88000

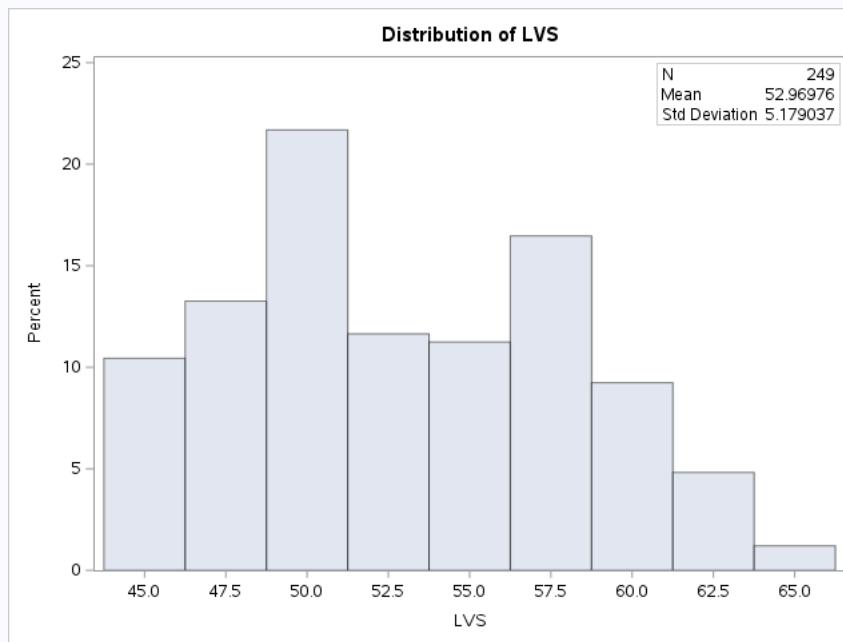
Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 161.3908	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	64.86
99%	63.85
95%	61.65
90%	59.81
75% Q3	57.73
50% Median	52.61
25% Q1	48.85
10%	46.12
5%	45.34
1%	44.60
0% Min	44.10

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
44.10	129	63.05	14
44.22	128	63.63	21
44.60	138	63.85	19
44.73	127	63.95	15
44.79	135	64.86	20

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: LEN (LEN)

Moments			
N	249	Sum Weights	249
Mean	128.243574	Sum Observations	31932.65
Std Deviation	18.5495256	Variance	344.084899
Skewness	0.59183603	Kurtosis	-0.9607489
Uncorrected SS	4180490.22	Corrected SS	85333.055
Coeff Variation	14.4642924	Std Error Mean	1.17552842

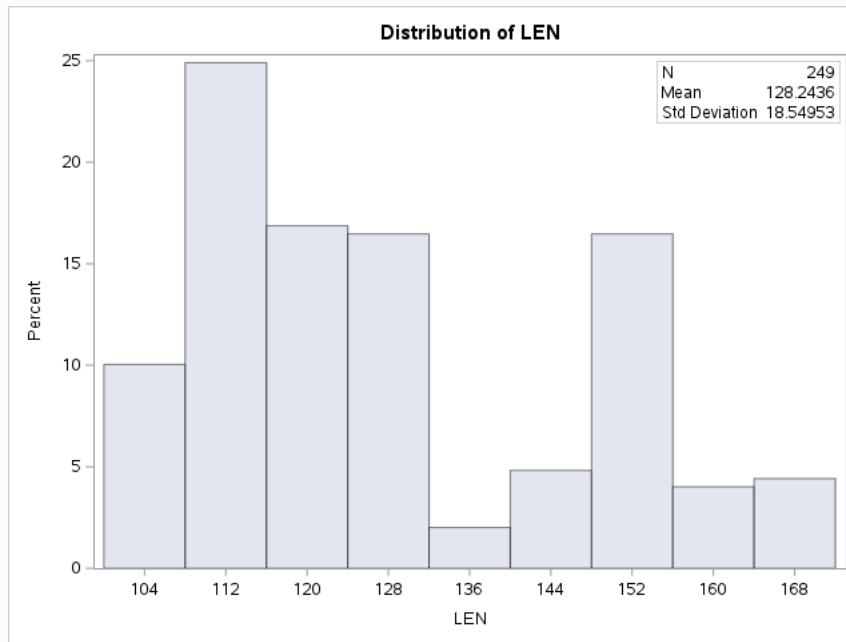
Basic Statistical Measures			
Location		Variability	
Mean	128.2436	Std Deviation	18.54953
Median	123.2300	Variance	344.08490
Mode	126.0600	Range	69.92000
		Interquartile Range	34.47000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	109.0944	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	171.98
99%	166.58
95%	161.48
90%	154.81
75% Q3	147.91
50% Median	123.23
25% Q1	113.44
10%	107.90
5%	105.00
1%	103.07
0% Min	102.06

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
102.06	4	165.97	237
102.59	5	166.04	246
103.07	143	166.58	245
103.79	145	168.50	248
103.79	140	171.98	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: LKQ (LKQ)

Moments			
N	249	Sum Weights	249
Mean	51.3444577	Sum Observations	12784.77
Std Deviation	4.18880634	Variance	17.5460985
Skewness	-0.0494328	Kurtosis	-1.131432
Uncorrected SS	660778.514	Corrected SS	4351.43244
Coeff Variation	8.15824438	Std Error Mean	0.26545482

Basic Statistical Measures			
Location		Variability	
Mean	51.34446	Std Deviation	4.18881
Median	51.68000	Variance	17.54610
Mode	45.74000	Range	15.89000
		Interquartile Range	6.96000

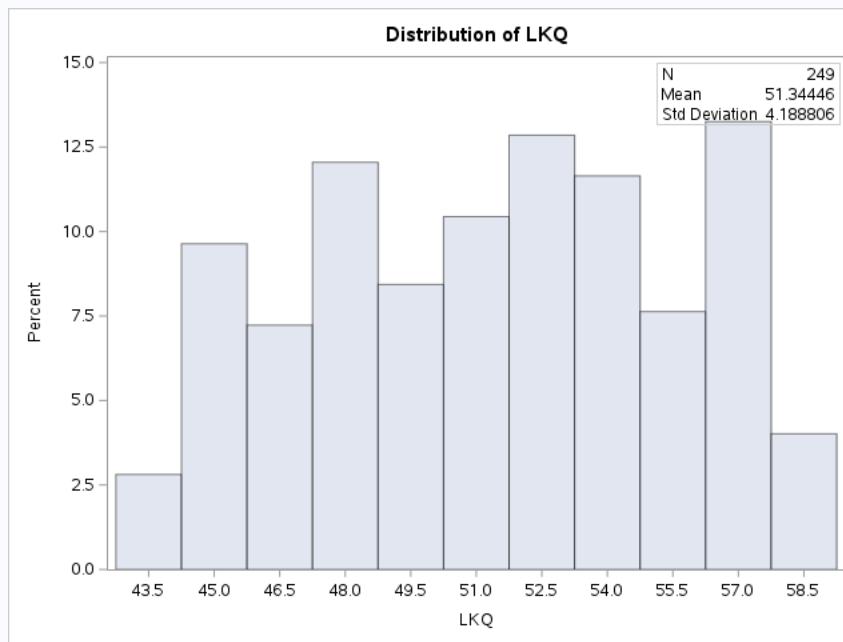
Note: The mode displayed is the smallest of 9 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	193.4207	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	59.01
99%	58.52
95%	57.61
90%	57.07
75% Q3	54.60
50% Median	51.68
25% Q1	47.64
10%	45.49
5%	44.79
1%	43.45
0% Min	43.12

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
43.12	148	58.27	62
43.39	146	58.29	74
43.45	149	58.52	70
43.55	145	58.62	72
43.92	147	59.01	69

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: LOW (LOW)

Moments			
N	249	Sum Weights	249
Mean	216.311848	Sum Observations	53861.65
Std Deviation	15.4037885	Variance	237.2767
Skewness	0.35434162	Kurtosis	-0.1975051
Uncorrected SS	11709757.7	Corrected SS	58844.6216
Coeff Variation	7.12110255	Std Error Mean	0.97617543

Basic Statistical Measures			
Location		Variability	
Mean	216.3118	Std Deviation	15.40379
Median	217.0100	Variance	237.27670
Mode	203.9200	Range	77.38001
		Interquartile Range	22.09000

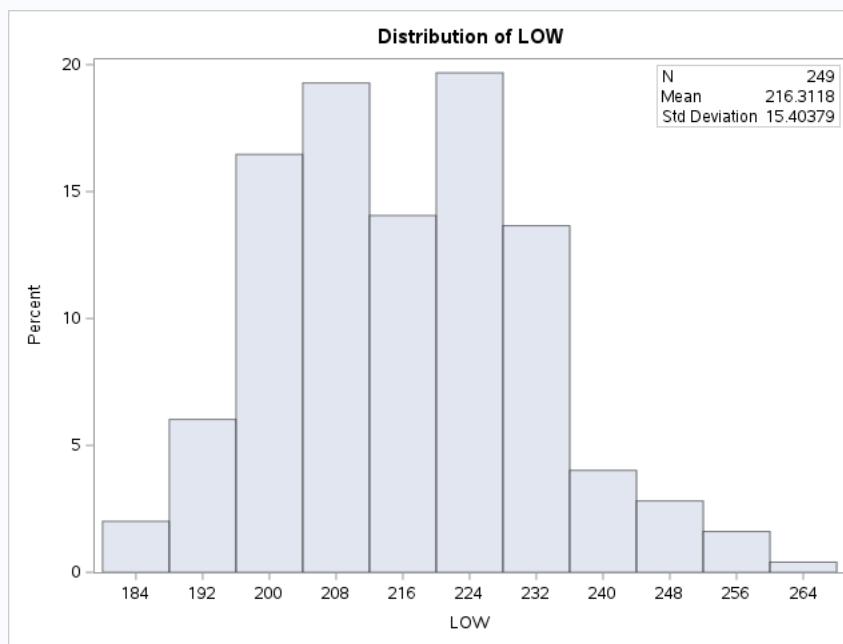
Note: The mode displayed is the smallest of 5 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 221.5912	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	261.00
99%	254.73
95%	243.48
90%	234.90
75% Q3	226.41
50% Median	217.01
25% Q1	204.32
10%	198.48
5%	193.84
1%	186.09
0% Min	183.62

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
183.62	145	253.33	248
184.73	144	254.00	246
186.09	143	254.73	249
186.24	142	258.50	245
187.72	146	261.00	244

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	411.093815	Sum Observations	102362.36
Std Deviation	46.7538578	Variance	2185.92322
Skewness	0.65712621	Kurtosis	-0.91002
Uncorrected SS	42622642	Corrected SS	542108.959
Coeff Variation	11.3730385	Std Error Mean	2.96290535

Basic Statistical Measures			
Location		Variability	
Mean	411.0938	Std Deviation	46.75386
Median	388.0500	Variance	2186
Mode	377.9600	Range	182.94000
		Interquartile Range	80.42999

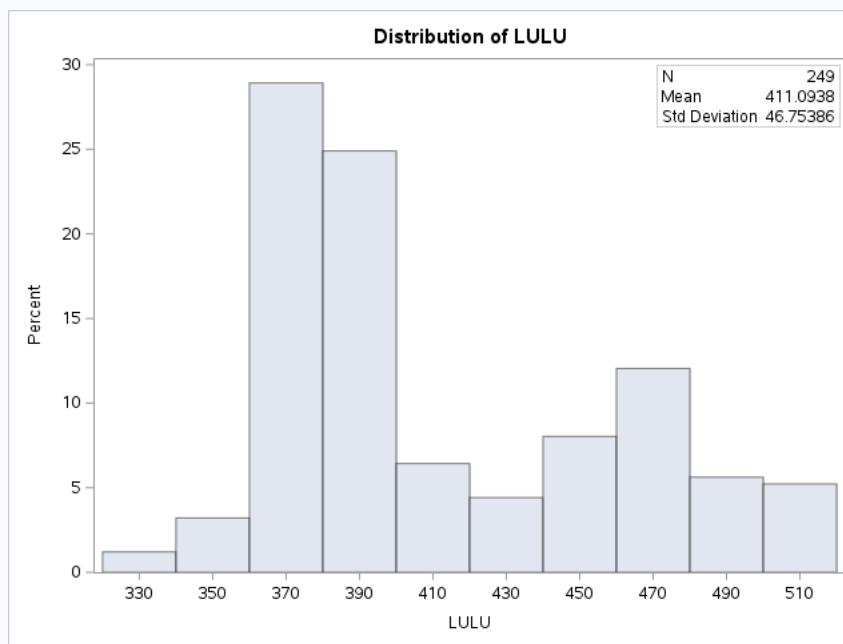
Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 138.7469	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	511.29
99%	510.00
95%	501.63
90%	481.99
75% Q3	457.75
50% Median	388.05
25% Q1	377.32
10%	365.84
5%	360.36
1%	336.64
0% Min	328.35

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
328.35	42	508.81	186
331.93	41	509.22	187
336.64	40	510.00	184
340.26	39	511.03	183
342.34	38	511.29	188

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: MAR (MAR)

Moments			
N	249	Sum Weights	249
Mean	204.078273	Sum Observations	50815.4899
Std Deviation	26.0129267	Variance	676.672357
Skewness	0.45584453	Kurtosis	-0.8503532
Uncorrected SS	10538152.1	Corrected SS	167814.744
Coeff Variation	12.746544	Std Error Mean	1.64850225

Basic Statistical Measures			
Location		Variability	
Mean	204.0783	Std Deviation	26.01293
Median	199.8700	Variance	676.67236
Mode	177.2200	Range	93.80000
		Interquartile Range	40.30000

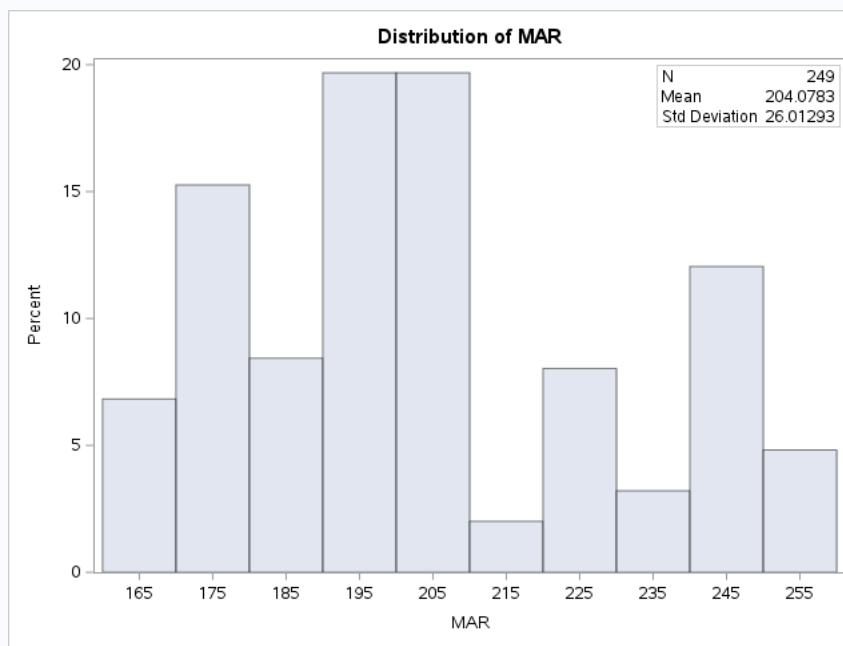
Note: The mode displayed is the smallest of 5 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 123.7962	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	255.27
99%	254.05
95%	249.87
90%	247.88
75% Q3	222.42
50% Median	199.87
25% Q1	182.12
10%	173.66
5%	168.25
1%	162.79
0% Min	161.47

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
161.47	7	252.31	249
162.56	3	253.56	248
162.79	5	254.05	243
163.05	4	255.16	245
163.88	6	255.27	244

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	284.612128	Sum Observations	70868.4198
Std Deviation	12.318681	Variance	151.749901
Skewness	-1.3892477	Kurtosis	1.24333888
Uncorrected SS	20207645.7	Corrected SS	37633.9755
Coeff Variation	4.32823474	Std Error Mean	0.78066469

Basic Statistical Measures			
Location		Variability	
Mean	284.6121	Std Deviation	12.31868
Median	288.5700	Variance	151.74990
Mode	278.6200	Range	54.34000
		Interquartile Range	12.31000

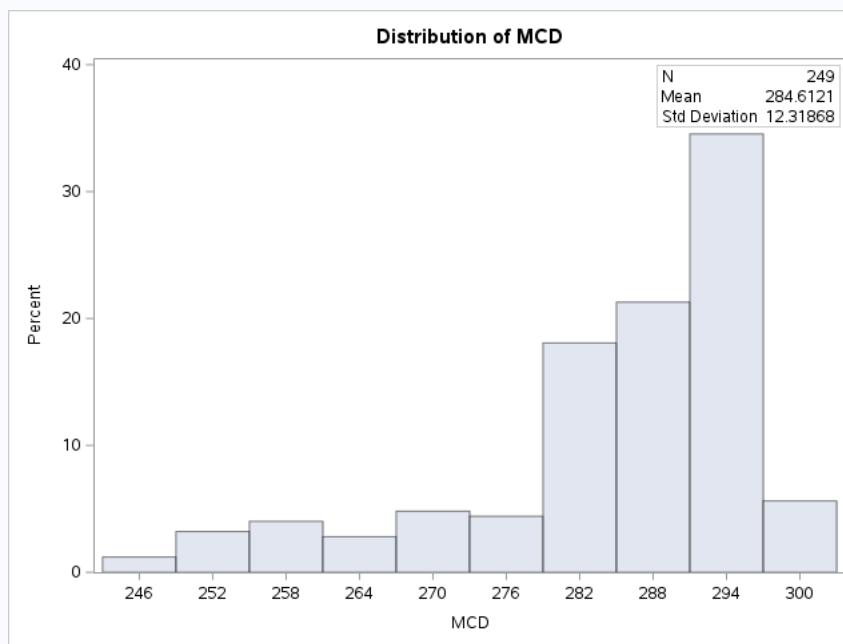
Note: The mode displayed is the smallest of 14 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 364.5767	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	300.53
99%	300.05
95%	297.05
90%	295.84
75% Q3	293.46
50% Median	288.57
25% Q1	281.15
10%	263.64
5%	255.81
1%	248.31
0% Min	246.19

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
246.19	134	298.41	62
248.22	130	298.41	202
248.31	135	300.05	203
249.92	131	300.44	204
249.94	136	300.53	201

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	42.4561847	Sum Observations	10571.59
Std Deviation	3.40896101	Variance	11.6210152
Skewness	-0.2083759	Kurtosis	0.24846189
Uncorrected SS	451711.39	Corrected SS	2882.01176
Coeff Variation	8.02936258	Std Error Mean	0.21603413

Basic Statistical Measures			
Location		Variability	
Mean	42.45618	Std Deviation	3.40896
Median	42.88000	Variance	11.62102
Mode	42.64000	Range	16.67000
		Interquartile Range	3.99000

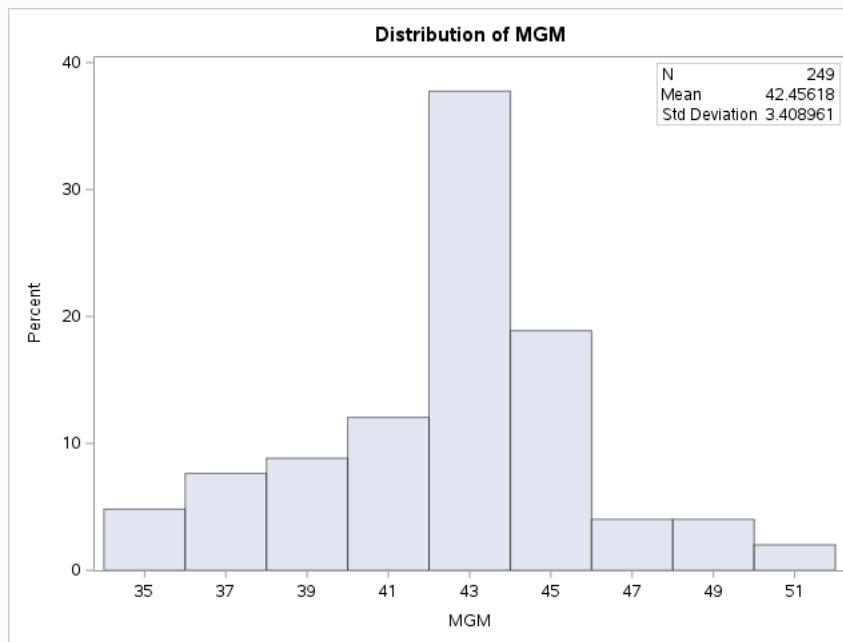
Note: The mode displayed is the smallest of 3 modes with a count of 3.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 196.5254	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	50.90
99%	50.17
95%	48.99
90%	46.04
75% Q3	44.38
50% Median	42.88
25% Q1	40.39
10%	36.86
5%	36.25
1%	34.79
0% Min	34.23

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
34.23	145	50.03	83
34.63	143	50.09	80
34.79	129	50.17	79
34.83	146	50.77	82
34.84	144	50.90	81

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: MHK (MHK)

Moments			
N	249	Sum Weights	249
Mean	99.5617671	Sum Observations	24790.88
Std Deviation	11.6790744	Variance	136.40078
Skewness	0.22087385	Kurtosis	-0.3082289
Uncorrected SS	2502051.22	Corrected SS	33827.3934
Coeff Variation	11.7304813	Std Error Mean	0.74013127

Basic Statistical Measures			
Location		Variability	
Mean	99.56177	Std Deviation	11.67907
Median	99.03000	Variance	136.40078
Mode	83.03000	Range	54.33000
		Interquartile Range	13.33000

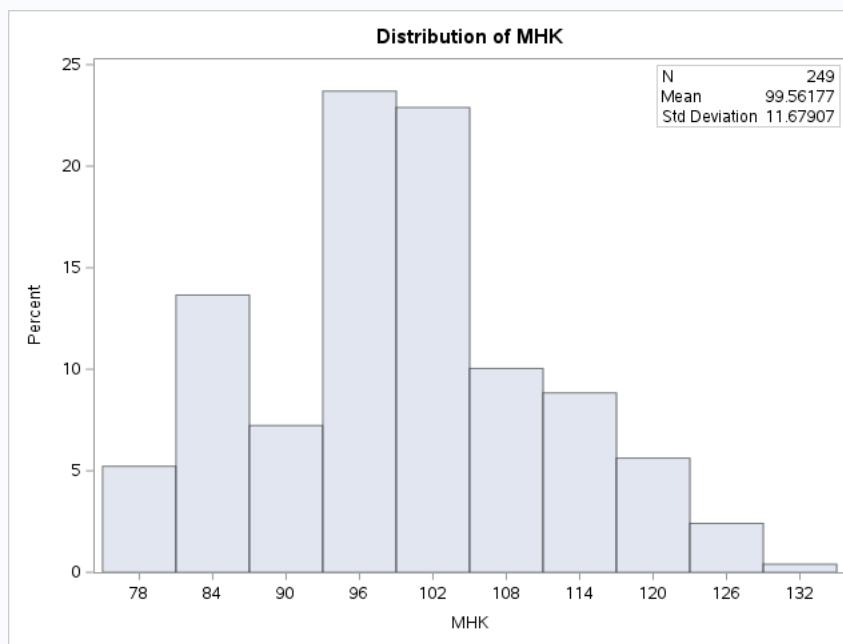
Note: The mode displayed is the smallest of 12 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 134.5191	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	130.89
99%	126.18
95%	120.83
90%	116.11
75% Q3	105.75
50% Median	99.03
25% Q1	92.42
10%	82.83
5%	80.66
1%	78.52
0% Min	76.56

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
76.56	145	125.12	245
78.21	143	125.65	246
78.52	144	126.18	244
78.65	142	128.92	248
79.13	139	130.89	249

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	107.253373	Sum Observations	26706.09
Std Deviation	8.88469681	Variance	78.9378374
Skewness	0.62517655	Kurtosis	-0.1182729
Uncorrected SS	2883894.83	Corrected SS	19576.5837
Coeff Variation	8.28383903	Std Error Mean	0.56304478

Basic Statistical Measures			
Location		Variability	
Mean	107.2534	Std Deviation	8.88470
Median	106.1900	Variance	78.93784
Mode	103.7700	Range	38.50000
		Interquartile Range	8.72000

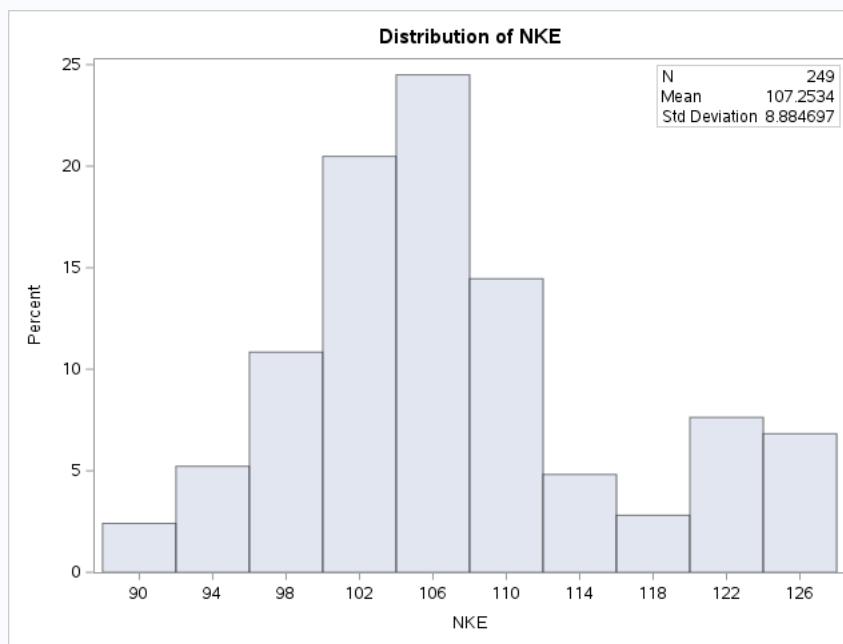
Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 190.4882	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	127.92
99%	127.09
95%	125.67
90%	122.53
75% Q3	110.18
50% Median	106.19
25% Q1	101.46
10%	97.11
5%	94.56
1%	90.17
0% Min	89.42

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
89.42	123	126.74	22
89.63	124	126.88	25
90.17	122	127.09	15
90.60	121	127.26	21
90.85	120	127.92	20

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	16.9923695	Sum Observations	4231.10001
Std Deviation	2.62303468	Variance	6.88031095
Skewness	0.11421257	Kurtosis	-0.9743154
Uncorrected SS	73602.7318	Corrected SS	1706.31712
Coeff Variation	15.4365445	Std Error Mean	0.16622807

Basic Statistical Measures			
Location		Variability	
Mean	16.99237	Std Deviation	2.62303
Median	16.94000	Variance	6.88031
Mode	13.35000	Range	10.06000
		Interquartile Range	4.69000

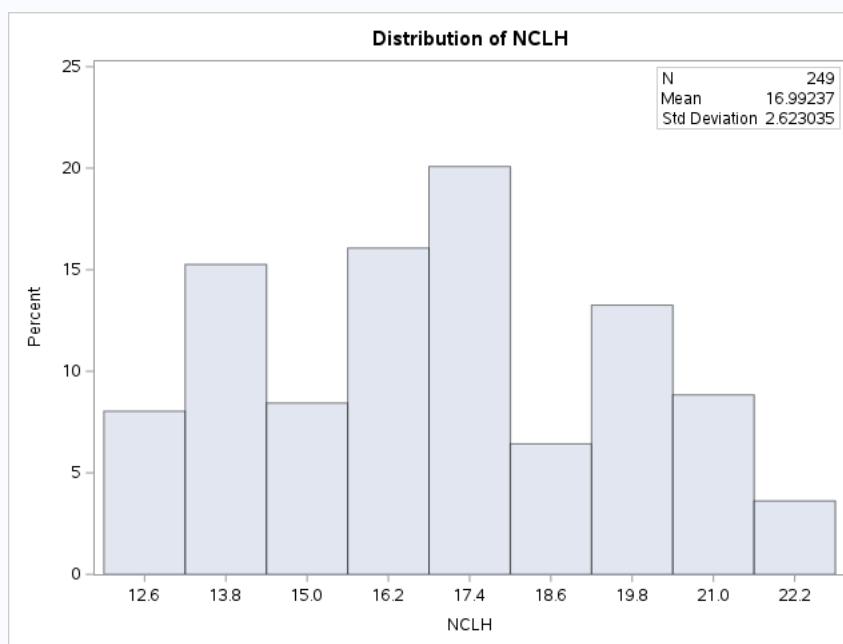
Note: The mode displayed is the smallest of 6 modes with a count of 3.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 102.2232	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	22.52
99%	22.16
95%	21.33
90%	20.70
75% Q3	19.22
50% Median	16.94
25% Q1	14.53
10%	13.35
5%	13.07
1%	12.64
0% Min	12.46

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
12.46	17	21.91	63
12.64	13	22.07	82
12.64	9	22.16	64
12.73	16	22.41	68
12.73	7	22.52	67

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	6400.91604	Sum Observations	1593828.09
Std Deviation	681.771426	Variance	464812.277
Skewness	0.74540773	Kurtosis	-0.5216649
Uncorrected SS	1.03172E10	Corrected SS	115273445
Coeff Variation	10.651154	Std Error Mean	43.2055086

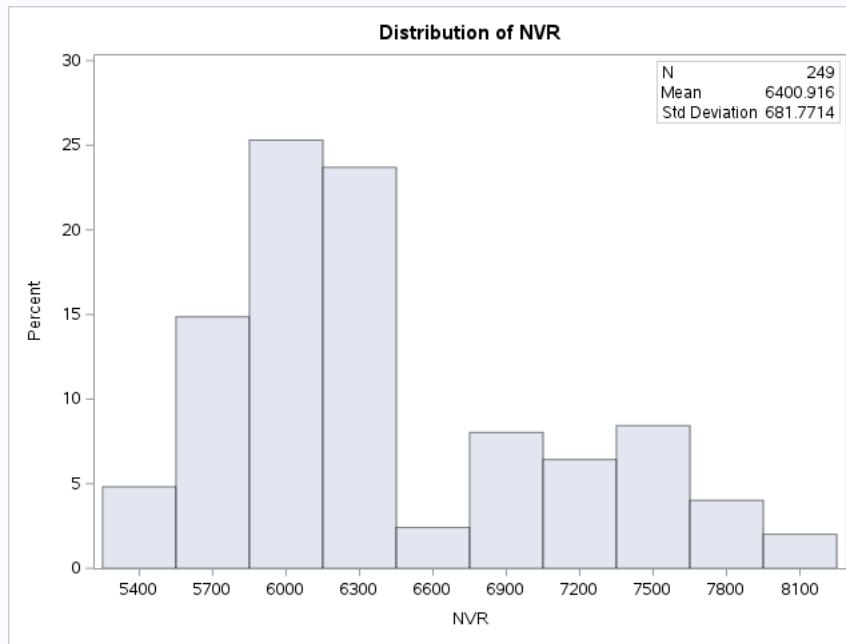
Basic Statistical Measures			
Location		Variability	
Mean	6400.916	Std Deviation	681.77143
Median	6204.760	Variance	464812
Mode	5840.000	Range	2723
		Interquartile Range	1049

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	148.1505	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	8099.96
99%	7980.74
95%	7682.30
90%	7559.53
75% Q3	6939.98
50% Median	6204.76
25% Q1	5890.63
10%	5632.55
5%	5554.22
1%	5385.52
0% Min	5377.29

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
5377.29	143	7958.45	243
5382.22	145	7971.71	245
5385.52	142	7980.74	248
5401.76	146	8001.96	244
5412.62	147	8099.96	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: ORLY (ORLY)

Moments			
N	249	Sum Weights	249
Mean	962.97867	Sum Observations	239781.69
Std Deviation	63.0477757	Variance	3975.02202
Skewness	1.21899522	Kurtosis	1.06831812
Uncorrected SS	231890460	Corrected SS	985805.461
Coeff Variation	6.54716218	Std Error Mean	3.99549044

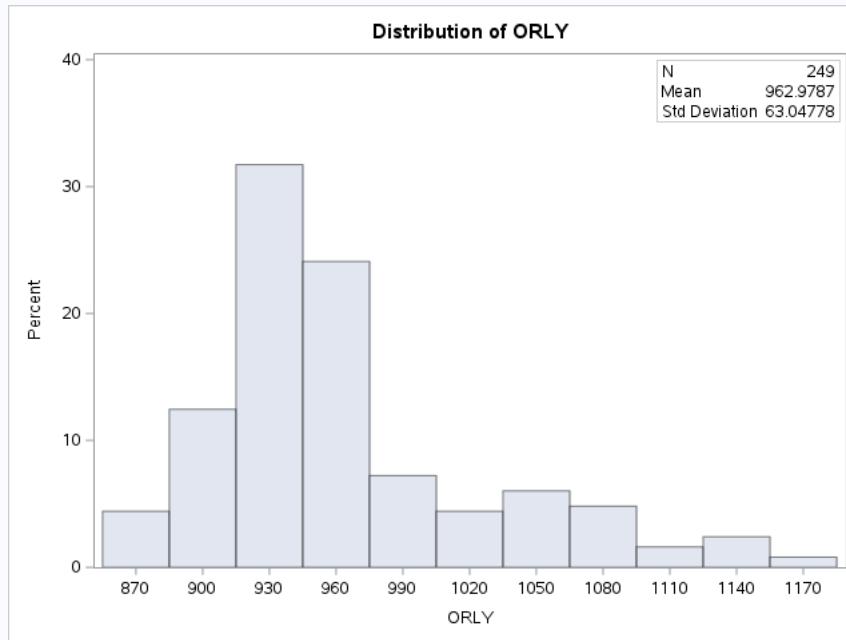
Basic Statistical Measures			
Location		Variability	
Mean	962.9787	Std Deviation	63.04778
Median	945.4900	Variance	3975
Mode	931.6700	Range	309.18005
		Interquartile Range	55.91003

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	241.0164	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	1167.53
99%	1145.29
95%	1094.60
90%	1062.07
75% Q3	982.38
50% Median	945.49
25% Q1	926.47
10%	900.80
5%	887.95
1%	864.44
0% Min	858.35

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
858.35	3	1135.52	248
861.13	4	1137.07	246
864.44	2	1145.29	243
867.95	1	1162.94	244
869.75	5	1167.53	245

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: POOL (POOL)

Moments			
N	249	Sum Weights	249
Mean	361.660764	Sum Observations	90053.5302
Std Deviation	25.1207568	Variance	631.052422
Skewness	0.21848932	Kurtosis	-0.8341987
Uncorrected SS	32725329.5	Corrected SS	156501.001
Coeff Variation	6.94594474	Std Error Mean	1.59196328

Basic Statistical Measures			
Location		Variability	
Mean	361.6608	Std Deviation	25.12076
Median	354.7500	Variance	631.05242
Mode	343.7000	Range	109.47000
		Interquartile Range	38.19998

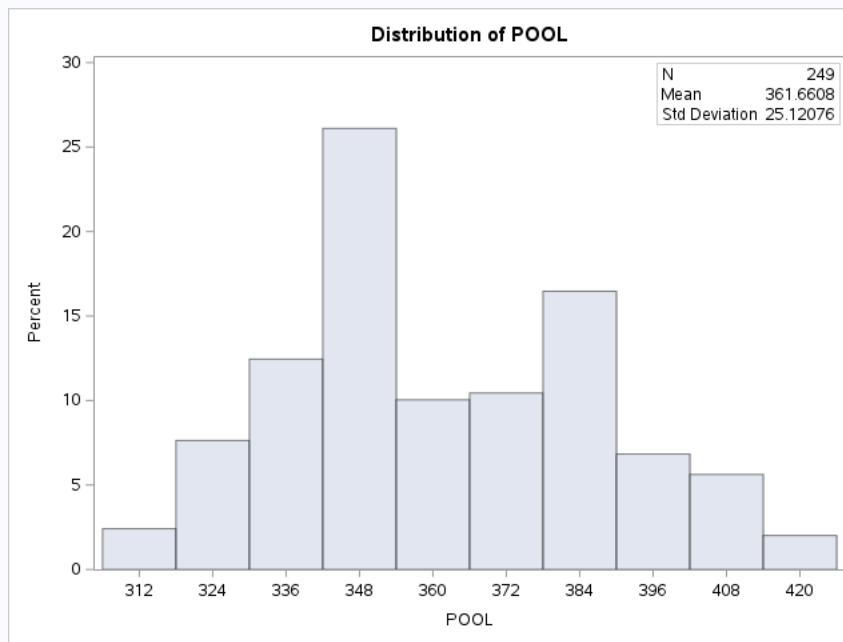
Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	227.1791	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	418.97
99%	415.06
95%	403.74
90%	397.30
75% Q3	381.90
50% Median	354.75
25% Q1	343.70
10%	329.03
5%	322.77
1%	315.77
0% Min	309.50

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
309.50	145	414.15	234
313.02	42	414.62	248
315.77	147	415.06	235
315.84	144	416.38	245
316.23	41	418.97	244

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: PHM (PHM)

Moments			
N	249	Sum Weights	249
Mean	84.8304016	Sum Observations	21122.77
Std Deviation	15.9090186	Variance	253.096874
Skewness	0.40114586	Kurtosis	-1.029564
Uncorrected SS	1854621.09	Corrected SS	62768.0247
Coeff Variation	18.7539117	Std Error Mean	1.00819309

Basic Statistical Measures			
Location		Variability	
Mean	84.83040	Std Deviation	15.90902
Median	80.98000	Variance	253.09687
Mode	73.93000	Range	62.78000
		Interquartile Range	29.55000

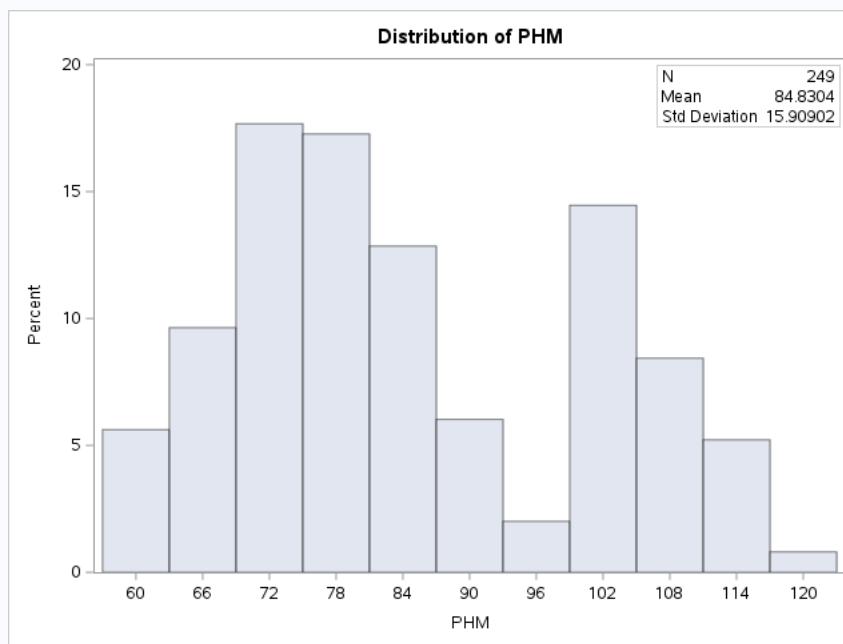
Note: The mode displayed is the smallest of 7 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 84.14103	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	120.62
99%	116.45
95%	111.41
90%	106.43
75% Q3	102.43
50% Median	80.98
25% Q1	72.88
10%	66.37
5%	62.81
1%	58.42
0% Min	57.84

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
57.84	4	115.99	247
58.33	5	116.06	244
58.42	2	116.45	245
58.63	3	118.01	248
59.00	1	120.62	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: RL (RL)

Moments			
N	249	Sum Weights	249
Mean	131.242771	Sum Observations	32679.45
Std Deviation	23.2929327	Variance	542.560712
Skewness	1.35485788	Kurtosis	0.63453609
Uncorrected SS	4423496.64	Corrected SS	134555.057
Coeff Variation	17.7479738	Std Error Mean	1.47612963

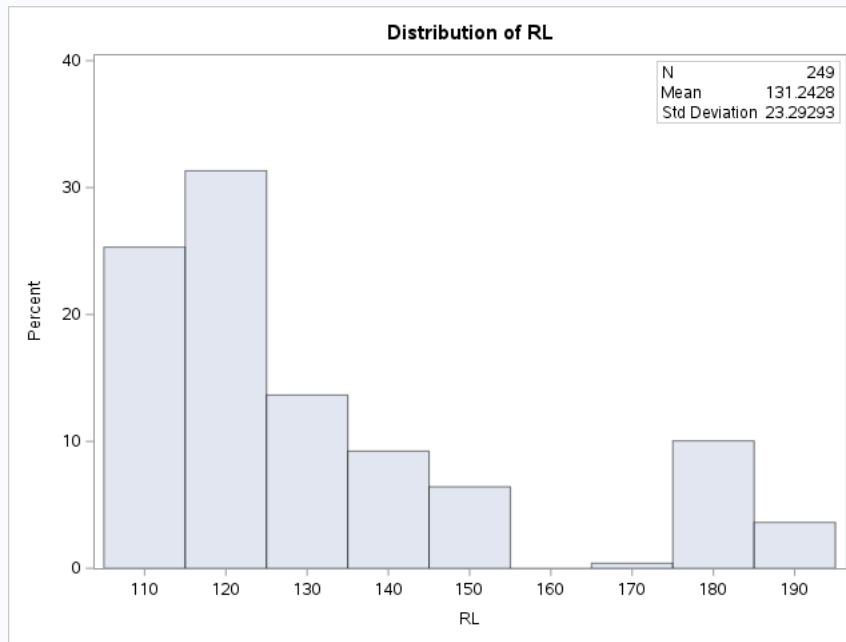
Basic Statistical Measures			
Location		Variability	
Mean	131.2428	Std Deviation	23.29293
Median	121.8000	Variance	542.56071
Mode	113.7000	Range	84.33000
		Interquartile Range	27.06001

Tests for Location: Mu0=0				
Test		Statistic	p Value	
Student's t	t	88.91006	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	190.42
99%	188.44
95%	183.70
90%	180.32
75% Q3	141.85
50% Median	121.80
25% Q1	114.79
10%	112.14
5%	109.84
1%	107.96
0% Min	106.09

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
106.09	42	187.60	245
106.31	41	187.76	249
107.96	36	188.44	225
108.22	37	190.32	243
108.82	35	190.42	244

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: ROST (ROST)

Moments			
N	249	Sum Weights	249
Mean	121.802249	Sum Observations	30328.76
Std Deviation	15.0972395	Variance	227.926642
Skewness	0.44865605	Kurtosis	-1.2317809
Uncorrected SS	3750636.98	Corrected SS	56525.8072
Coeff Variation	12.3948775	Std Error Mean	0.95674868

Basic Statistical Measures			
Location		Variability	
Mean	121.8022	Std Deviation	15.09724
Median	116.3900	Variance	227.92664
Mode	108.9200	Range	49.55000
		Interquartile Range	26.96001

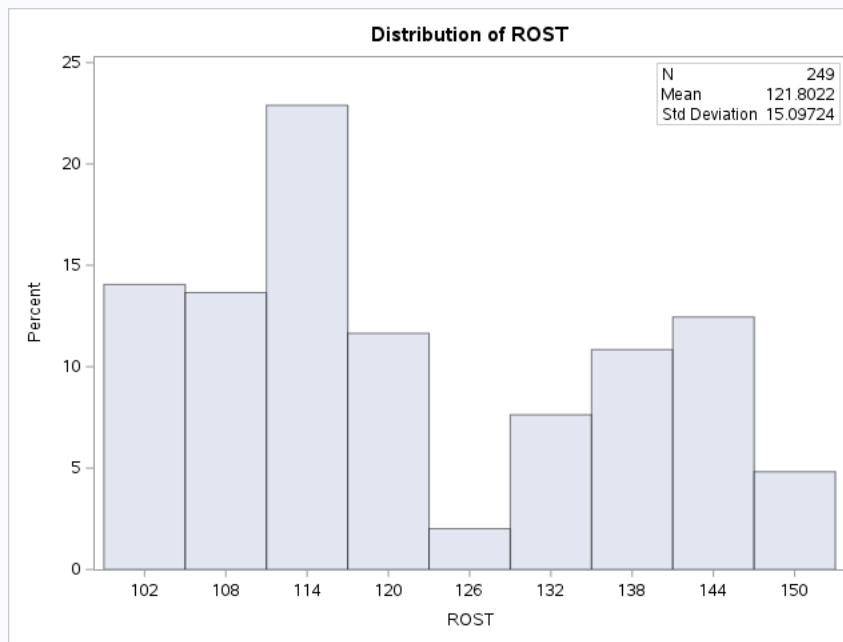
Note: The mode displayed is the smallest of 8 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	127.3085	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	150.45
99%	149.63
95%	146.98
90%	145.37
75% Q3	135.88
50% Median	116.39
25% Q1	108.92
10%	104.19
5%	103.26
1%	101.88
0% Min	100.90

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
100.90	42	149.17	232
101.46	37	149.62	227
101.88	36	149.63	230
101.95	27	149.96	231
101.99	46	150.45	228

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: RCL (RCL)

Moments			
N	249	Sum Weights	249
Mean	101.247108	Sum Observations	25210.53
Std Deviation	19.7788001	Variance	391.200935
Skewness	-0.2172532	Kurtosis	-0.6828914
Uncorrected SS	2649511.09	Corrected SS	97017.8319
Coeff Variation	19.5351754	Std Error Mean	1.25343053

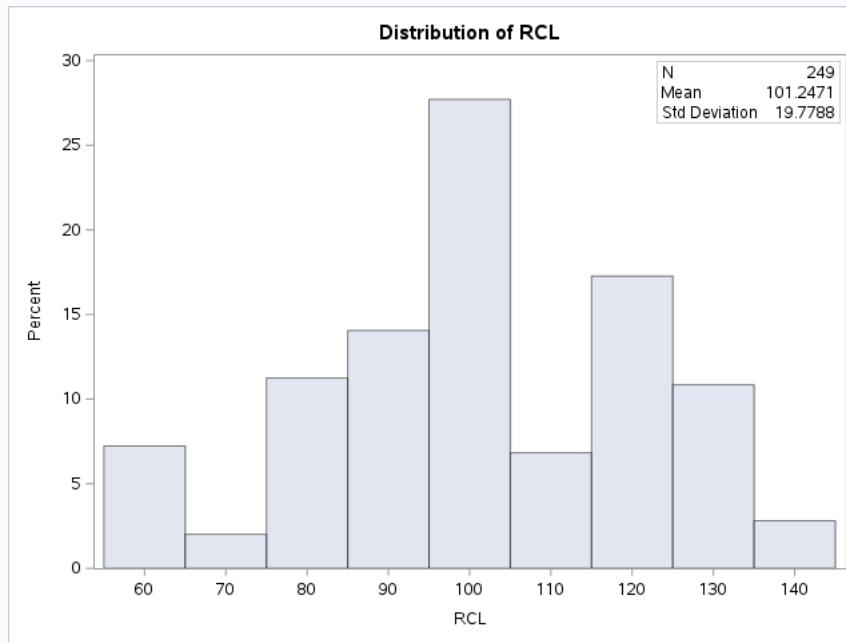
Basic Statistical Measures			
Location		Variability	
Mean	101.2471	Std Deviation	19.77880
Median	100.5300	Variance	391.20094
Mode	97.3500	Range	80.16000
		Interquartile Range	31.43000

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	80.776	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	139.72
99%	136.87
95%	129.41
90%	127.00
75% Q3	120.30
50% Median	100.53
25% Q1	88.87
10%	75.61
5%	63.16
1%	61.28
0% Min	59.56

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
59.56	17	136.02	245
60.39	16	136.27	246
61.28	4	136.87	247
61.58	7	139.01	249
61.66	18	139.72	248

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: SBUX (SBUX)

Moments			
N	249	Sum Weights	249
Mean	98.0902812	Sum Observations	24424.48
Std Deviation	5.35950115	Variance	28.7242526
Skewness	0.68252889	Kurtosis	-0.091519
Uncorrected SS	2402927.73	Corrected SS	7123.61465
Coeff Variation	5.46384523	Std Error Mean	0.33964459

Basic Statistical Measures			
Location		Variability	
Mean	98.09028	Std Deviation	5.35950
Median	97.23000	Variance	28.72425
Mode	95.67000	Range	25.08000
		Interquartile Range	8.11000

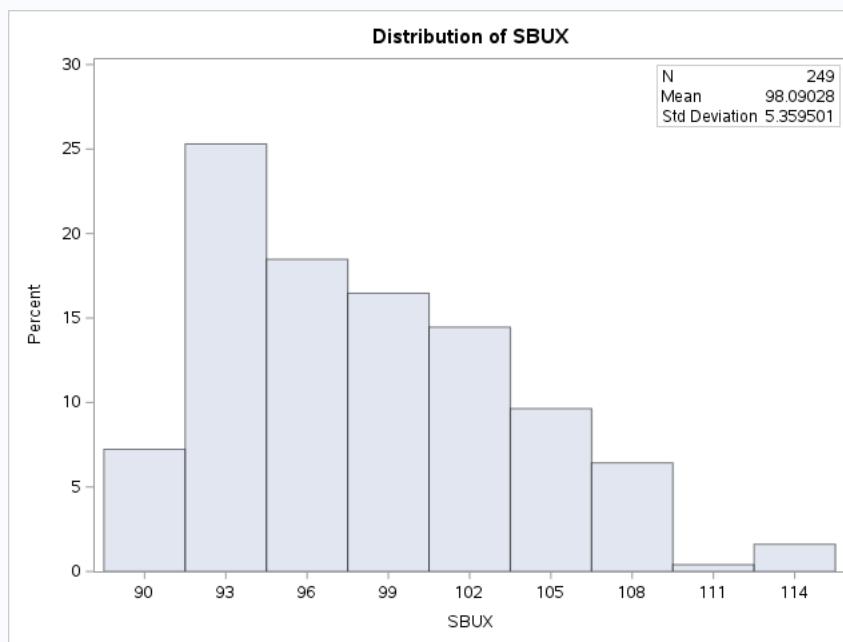
Note: The mode displayed is the smallest of 2 modes with a count of 3.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	288.8027	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	114.56
99%	114.29
95%	107.21
90%	105.69
75% Q3	101.61
50% Median	97.23
25% Q1	93.50
10%	91.77
5%	91.22
1%	90.36
0% Min	89.48

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
89.48	127	111.47	17
90.12	240	112.75	18
90.36	247	114.29	19
90.67	246	114.46	21
90.71	245	114.56	20

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: TPR (TPR)

Moments			
N	249	Sum Weights	249
Mean	37.9315261	Sum Observations	9444.95
Std Deviation	6.26345469	Variance	39.2308647
Skewness	-0.257174	Kurtosis	-1.1605594
Uncorrected SS	367990.622	Corrected SS	9729.25443
Coeff Variation	16.5125302	Std Error Mean	0.39693031

Basic Statistical Measures			
Location		Variability	
Mean	37.93153	Std Deviation	6.26345
Median	39.46000	Variance	39.23086
Mode	27.46000	Range	21.96000
		Interquartile Range	10.25000

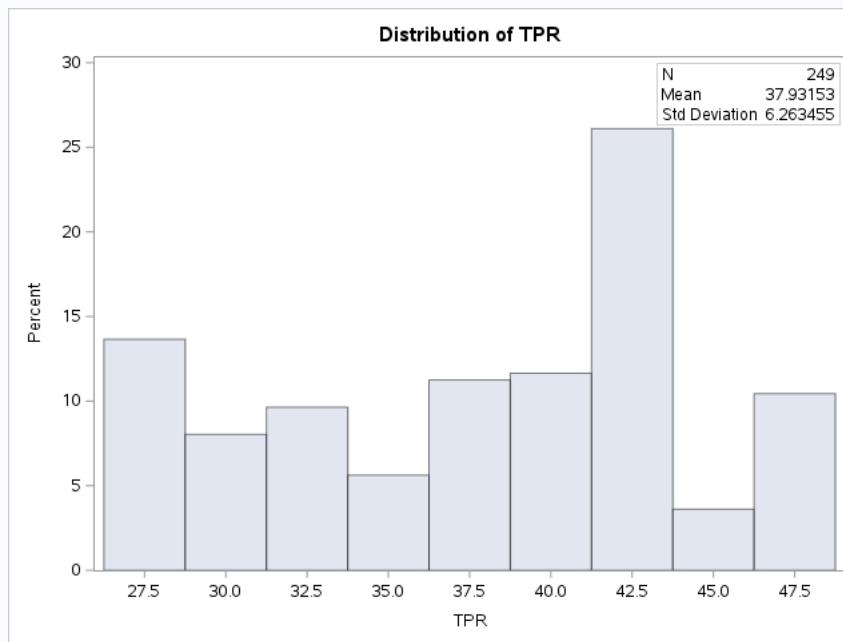
Note: The mode displayed is the smallest of 21 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 95.56218	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	48.55
99%	47.80
95%	47.28
90%	46.68
75% Q3	42.85
50% Median	39.46
25% Q1	32.60
10%	28.16
5%	27.86
1%	27.39
0% Min	26.59

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
26.59	148	47.78	232
27.33	149	47.80	224
27.39	134	47.80	238
27.46	153	48.09	244
27.46	151	48.55	225

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	222.7751	Sum Observations	55470.9999
Std Deviation	35.4672559	Variance	1257.92624
Skewness	-0.1855399	Kurtosis	-1.2152882
Uncorrected SS	12669523.3	Corrected SS	311965.709
Coeff Variation	15.9206554	Std Error Mean	2.24764602

Basic Statistical Measures			
Location		Variability	
Mean	222.7751	Std Deviation	35.46726
Median	233.1900	Variance	1258
Mode	194.7700	Range	139.59000
		Interquartile Range	65.03999

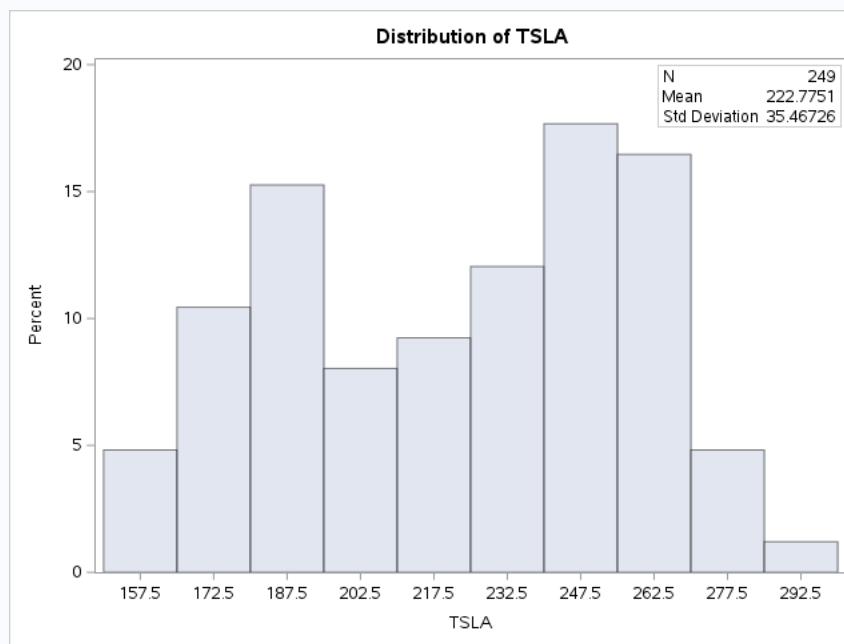
Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	99.11485	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	293.34
99%	290.38
95%	273.58
90%	264.61
75% Q3	253.18
50% Median	233.19
25% Q1	188.14
10%	172.63
5%	165.08
1%	160.31
0% Min	153.75

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
153.75	17	281.38	71
160.19	18	282.48	64
160.31	21	290.38	72
160.61	22	291.26	74
160.67	16	293.34	73

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: TJX (TJX)

Moments			
N	249	Sum Weights	249
Mean	88.368313	Sum Observations	22003.7099
Std Deviation	6.75686437	Variance	45.6552161
Skewness	-0.1519241	Kurtosis	-0.9188744
Uncorrected SS	1955753.22	Corrected SS	11322.4936
Coeff Variation	7.64625253	Std Error Mean	0.42819888

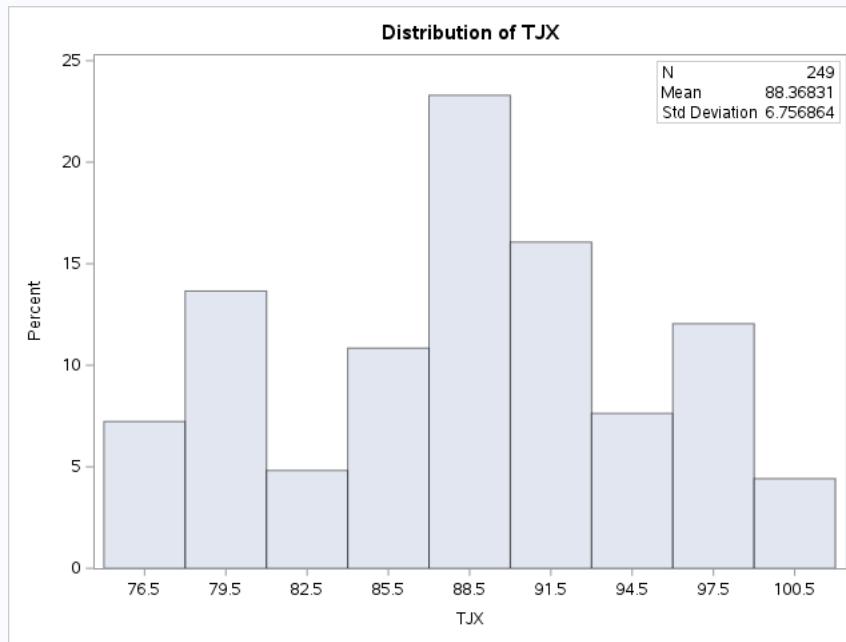
Basic Statistical Measures			
Location		Variability	
Mean	88.36831	Std Deviation	6.75686
Median	89.04000	Variance	45.65522
Mode	89.10000	Range	25.48000
		Interquartile Range	9.22000

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	206.3721	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	101.42
99%	101.08
95%	98.75
90%	97.94
75% Q3	92.79
50% Median	89.04
25% Q1	83.57
10%	78.22
5%	77.49
1%	76.70
0% Min	75.94

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
75.94	38	99.48	245
76.65	42	100.52	227
76.70	7	101.08	248
76.76	40	101.10	228
76.79	41	101.42	249

The UNIVARIATE Procedure



The UNIVARIATE Procedure
Variable: TSCO (TSCO)

Moments			
N	249	Sum Weights	249
Mean	222.068956	Sum Observations	55295.1701
Std Deviation	16.8065032	Variance	282.458551
Skewness	0.44074634	Kurtosis	-0.3773038
Uncorrected SS	12349390.4	Corrected SS	70049.7207
Coeff Variation	7.56814619	Std Error Mean	1.06506887

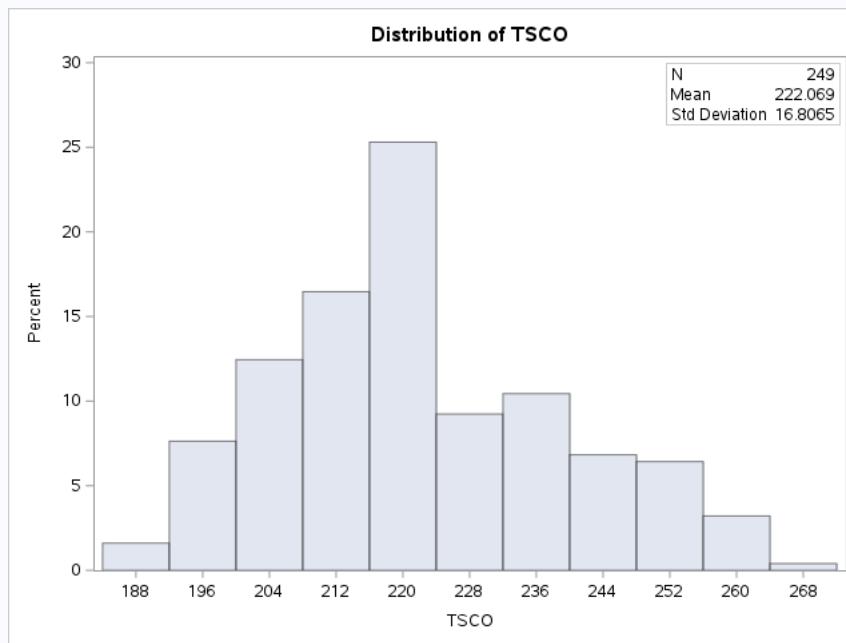
Basic Statistical Measures			
Location		Variability	
Mean	222.0690	Std Deviation	16.80650
Median	219.3200	Variance	282.45855
Mode	219.0000	Range	78.36001
		Interquartile Range	22.98000

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	208.502	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	266.17
99%	261.72
95%	253.67
90%	248.59
75% Q3	233.79
50% Median	219.32
25% Q1	210.81
10%	200.71
5%	198.07
1%	190.56
0% Min	187.81

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
187.81	145	258.68	246
188.79	144	260.44	248
190.56	148	261.72	249
191.19	146	262.97	245
192.56	147	266.17	244

The UNIVARIATE Procedure



The UNIVARIATE Procedure Variable: ULTA (ULTA)

Moments			
N	249	Sum Weights	249
Mean	465.829196	Sum Observations	115991.47
Std Deviation	53.8875985	Variance	2903.87328
Skewness	-0.0028787	Kurtosis	-1.1641269
Uncorrected SS	54752373.7	Corrected SS	720160.573
Coeff Variation	11.5681024	Std Error Mean	3.4149878

Basic Statistical Measures			
Location		Variability	
Mean	465.8292	Std Deviation	53.88760
Median	472.0300	Variance	2904
Mode	447.9100	Range	195.32999
		Interquartile Range	98.03003

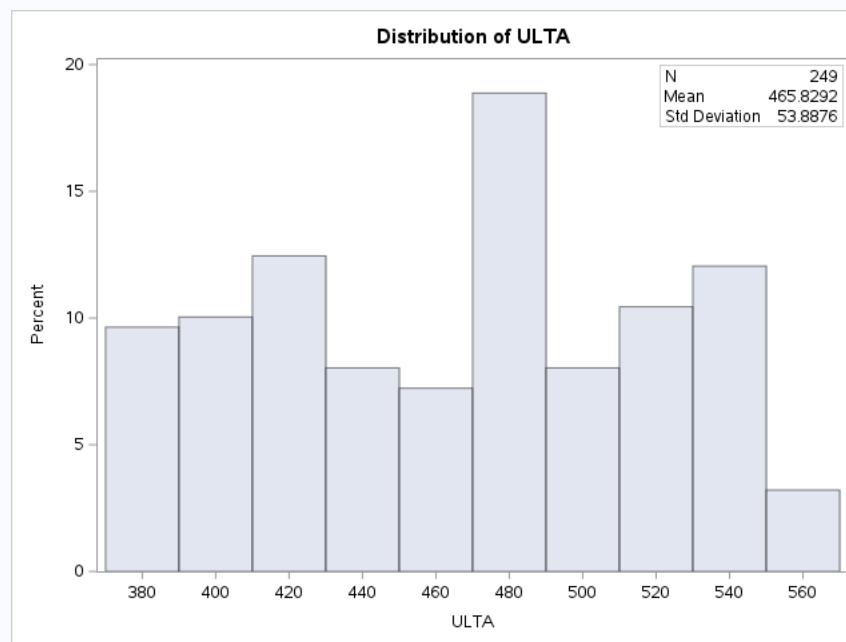
Note: The mode displayed is the smallest of 2 modes with a count of 2.

Tests for Location: Mu0=0				
Test	Statistic		p Value	
Student's t	t	136.4073	Pr > t	<.0001
Sign	M	124.5	Pr >= M	<.0001
Signed Rank	S	15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	567.18
99%	561.41
95%	548.56
90%	541.52
75% Q3	513.52
50% Median	472.03
25% Q1	415.49
10%	390.50
5%	381.31
1%	372.86
0% Min	371.85

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
371.85	140	556.32	226
372.50	138	559.16	228
372.86	139	561.41	227
373.08	141	565.44	239
375.46	148	567.18	238

The UNIVARIATE Procedure



Moments			
N	249	Sum Weights	249
Mean	98.8057833	Sum Observations	24602.64
Std Deviation	8.08616844	Variance	65.3861201
Skewness	-0.0251639	Kurtosis	-0.9631381
Uncorrected SS	2447098.88	Corrected SS	16215.7578
Coeff Variation	8.18390197	Std Error Mean	0.5124401

Basic Statistical Measures			
Location		Variability	
Mean	98.80578	Std Deviation	8.08617
Median	99.51000	Variance	65.38612
Mode	90.65000	Range	33.39000
		Interquartile Range	12.84000

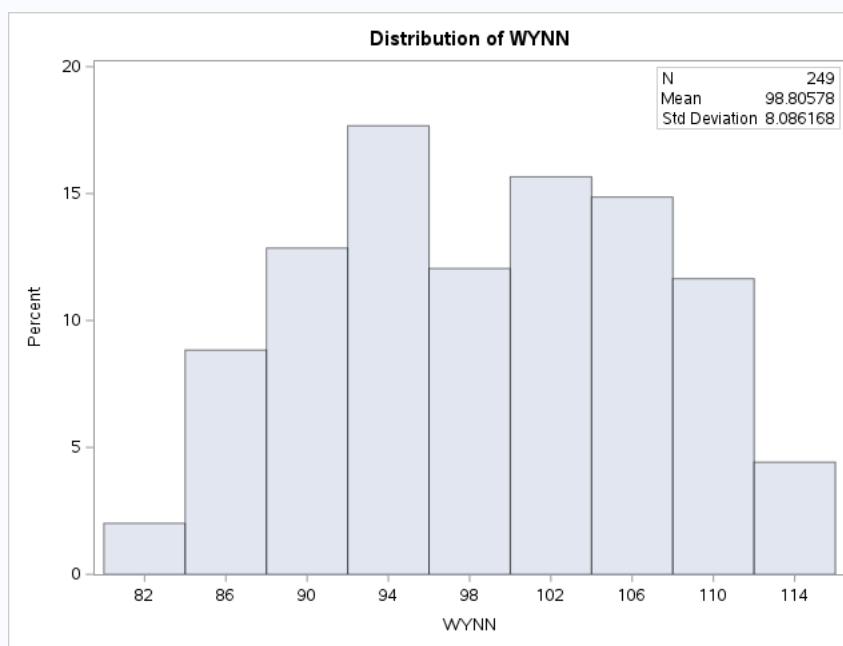
Note: The mode displayed is the smallest of 8 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t 192.8143	Pr > t	<.0001
Sign	M 124.5	Pr >= M	<.0001
Signed Rank	S 15562.5	Pr >= S	<.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	115.60
99%	114.28
95%	111.63
90%	109.51
75% Q3	105.25
50% Median	99.51
25% Q1	92.41
10%	87.54
5%	86.06
1%	82.53
0% Min	82.21

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
82.21	171	113.69	13
82.40	172	114.11	14
82.53	173	114.28	19
83.67	167	114.48	15
83.89	170	115.60	20

The UNIVARIATE Procedure



The UNIVARIATE Procedure

Variable: YUM (YUM)

Moments			
N	249	Sum Weights	249
Mean	131.33245	Sum Observations	32701.78
Std Deviation	5.6839797	Variance	32.3076253
Skewness	-0.4430625	Kurtosis	-0.4465486
Uncorrected SS	4302817.17	Corrected SS	8012.29106
Coeff Variation	4.32793244	Std Error Mean	0.36020758

Basic Statistical Measures			
Location		Variability	
Mean	131.3324	Std Deviation	5.68398
Median	131.1100	Variance	32.30763
Mode	119.4400	Range	26.64999
		Interquartile Range	8.49001

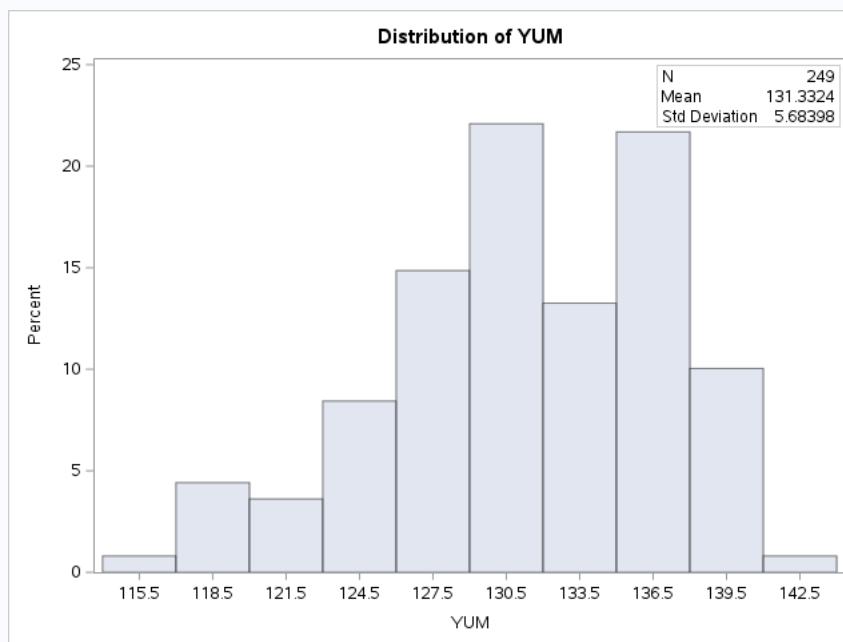
Note: The mode displayed is the smallest of 10 modes with a count of 2.

Tests for Location: Mu0=0			
Test	Statistic	p Value	
Student's t	t	364.6021	Pr > t <.0001
Sign	M	124.5	Pr >= M <.0001
Signed Rank	S	15562.5	Pr >= S <.0001

Quantiles (Definition 5)	
Level	Quantile
100% Max	142.90
99%	140.74
95%	138.70
90%	138.28
75% Q3	136.32
50% Median	131.11
25% Q1	127.83
10%	124.08
5%	119.95
1%	118.38
0% Min	116.25

Extreme Observations			
Lowest		Highest	
Value	Obs	Value	Obs
116.25	134	140.38	234
116.88	135	140.58	19
118.38	133	140.74	237
118.45	136	142.23	20
118.75	144	142.90	21

The UNIVARIATE Procedure



The MEANS Procedure

Variable	Label	N	Mean	Std Dev	Minimum	Maximum
ABNB	ABNB	249	133.7677911	15.3263562	104.4199980	168.1799930
AMZN	AMZN	249	138.6968676	20.8658906	97.8300020	180.3800050
APTV	APTV	249	92.3150602	10.6571578	72.8099980	112.4000020
AZO	AZO	249	2626.37	189.3399497	2306.65	3239.32
BBWI	BBWI	249	37.8402812	5.1452171	28.1200010	50.0200000
BBY	BBY	249	74.6114456	4.6872924	62.8800010	84.9499970
BKNG	BKNG	249	3085.72	361.2589062	2508.77	3901.99
BWA	BWA	249	38.0003005	4.4316162	30.1600000	46.9500010
CCL	CCL	249	14.7639760	2.8257230	8.7600000	19.2999990
CMG	CMG	249	2138.46	295.6001555	1685.21	2955.53
CZR	CZR	249	46.5801405	4.7428816	38.5400010	59.3800010
DECK	DECK	249	614.0608803	145.2277147	440.3299870	952.9400020
DHI	DHI	249	125.3959841	18.2015119	95.6399990	164.5500030
DPZ	DPZ	249	377.1571071	45.8538145	289.8500060	496.8800050
DRI	DRI	249	158.2022893	9.2822070	134.0000000	175.8899990
EBAY	EBAY	249	43.9429315	2.8935649	37.9900020	52.7799990
ETSY	ETSY	249	79.1087147	12.4940096	60.6600000	109.6399990
EXPE	EXPE	249	118.1331729	20.4701717	89.1699980	159.4700010
F	F	249	12.2204418	1.1639530	9.7000000	15.3500000
GM	GM	249	34.9191968	3.8403209	26.6500000	45.3499980
GPC	GPC	249	150.4542972	11.7567885	127.1200030	173.7299960
GRMN	GRMN	249	113.6753812	13.6050446	95.1999970	148.8699950
HAS	HAS	249	56.5345784	7.5241628	42.8800010	72.9199980
HD	HD	249	322.7797990	29.8398244	276.4599910	395.2000120
HLT	HLT	249	163.1328919	22.0124815	136.0800020	214.3399960
KMX	KMX	249	74.4864257	7.1850039	60.3899990	87.1100010
LEN	LEN	249	128.2435742	18.5495256	102.0599980	171.9799960
LKQ	LKQ	249	51.344577	4.1888063	43.1199990	59.0099980
LOW	LOW	249	216.3118475	15.4037885	183.6199950	261.0000000
LULU	LULU	249	411.0938148	46.7538578	328.3500060	511.2900090
LVS	LVS	249	52.9697590	5.1790367	44.0999980	64.8600010
MAR	MAR	249	204.0782727	26.0129267	161.4700010	255.2700040
MCD	MCD	249	284.6121278	12.3186810	246.1900020	300.5299990
MGM	MGM	249	42.4561847	3.4089610	34.2300000	50.9000020
MHK	MHK	249	99.5617671	11.6790744	76.5599980	130.8899990
NCLH	NCLH	249	16.9923695	2.6230347	12.4600000	22.5200000
NKE	NKE	249	107.2533734	8.8846968	89.4199980	127.9199980
NVR	NVR	249	6400.92	681.7714256	5377.29	8099.96
ORLY	ORLY	249	962.9786757	63.0477757	858.3499760	1167.53
PHM	PHM	249	84.8304016	15.9090186	57.8400000	120.6200030
POOL	POOL	249	361.6607638	25.1207568	309.5000000	418.9700010
RCL	RCL	249	101.2471083	19.7788001	59.5600010	139.7200010
RL	RL	249	131.2427712	23.2929327	106.0899960	190.4199980
ROST	ROST	249	121.8022489	15.0972395	100.9000020	150.4499970
SBUX	SBUX	249	98.0902812	5.3595012	89.4800030	114.5599980
TJX	TJX	249	88.3683130	6.7568644	75.9400020	101.4199980
TPR	TPR	249	37.9315261	6.2634547	26.5900000	48.5499990
TSCO	TSCO	249	222.0689562	16.8065032	187.8099980	266.1700130
TSLA	TSLA	249	222.7751001	35.4672559	153.7500000	293.3399960
ULTA	ULTA	249	465.8291959	53.8875985	371.8500060	567.1799930
WYNN	WYNN	249	98.8057833	8.0861684	82.2099990	115.5999980
YUM	YUM	249	131.3324498	5.6839797	116.2500000	142.8999940

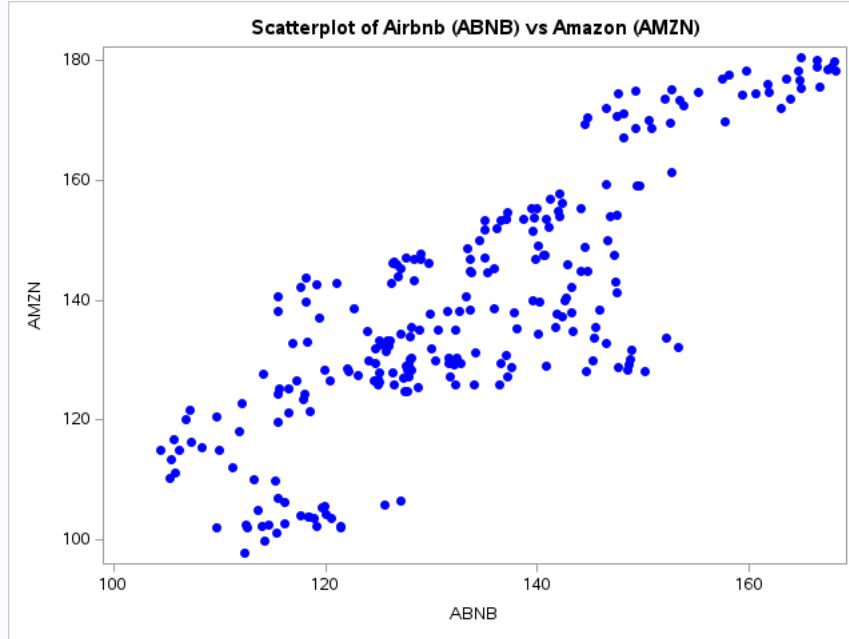
The CORR Procedure

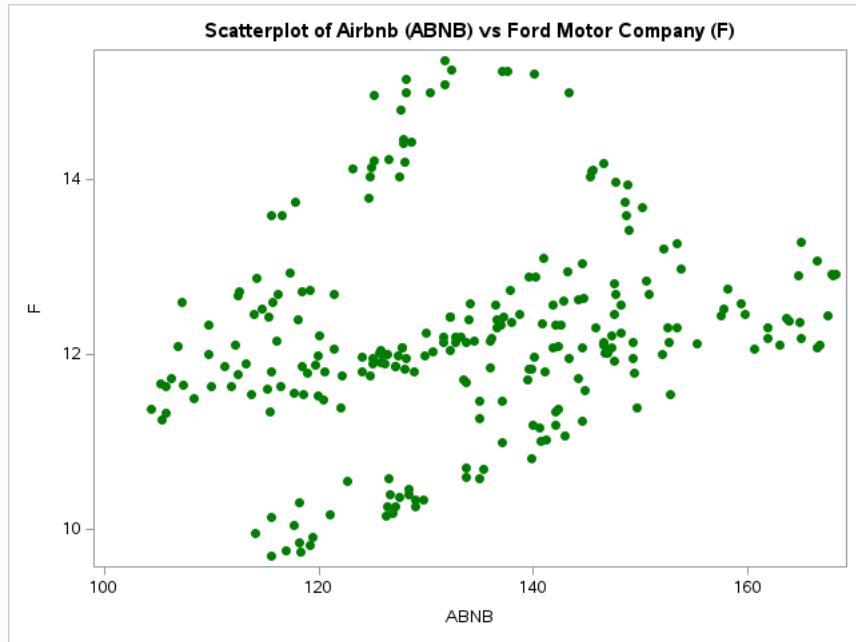
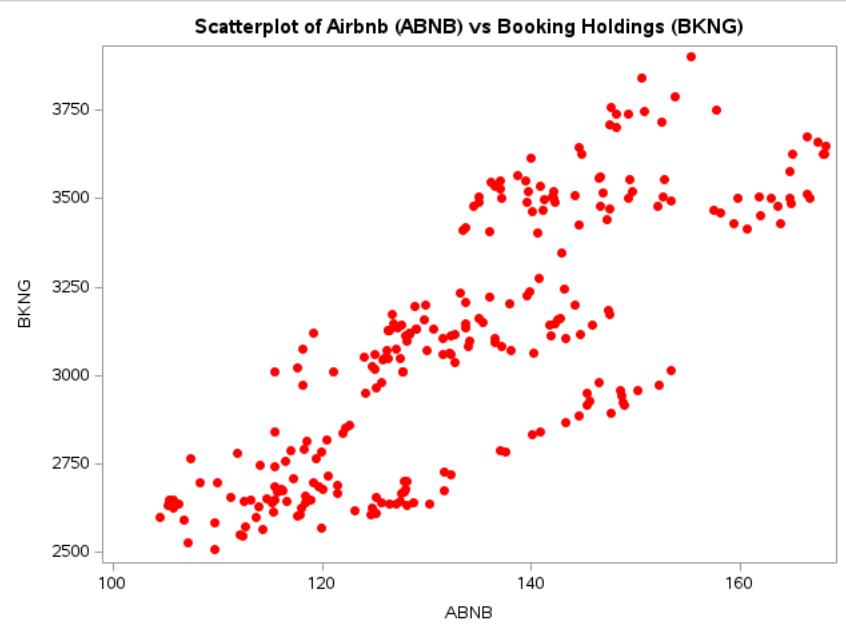
1 With Variables:	ABNB
52 Variables:	ABNB AMZN APTV AZO BBWI BBY BKNG BWA CCL CMG CZR DECK DHI DPZ DRI EBAY ETSY EXPE F GM GPC GRMN HAS HD HLT KMX LEN LKQ LOW LULU LVS MAR MCD MGM MHK NCLH NKE NVR ORLY PHM POOL RCL RL ROST SBUX TJK TPR TSCO TSLA ULTA WYNN YUM

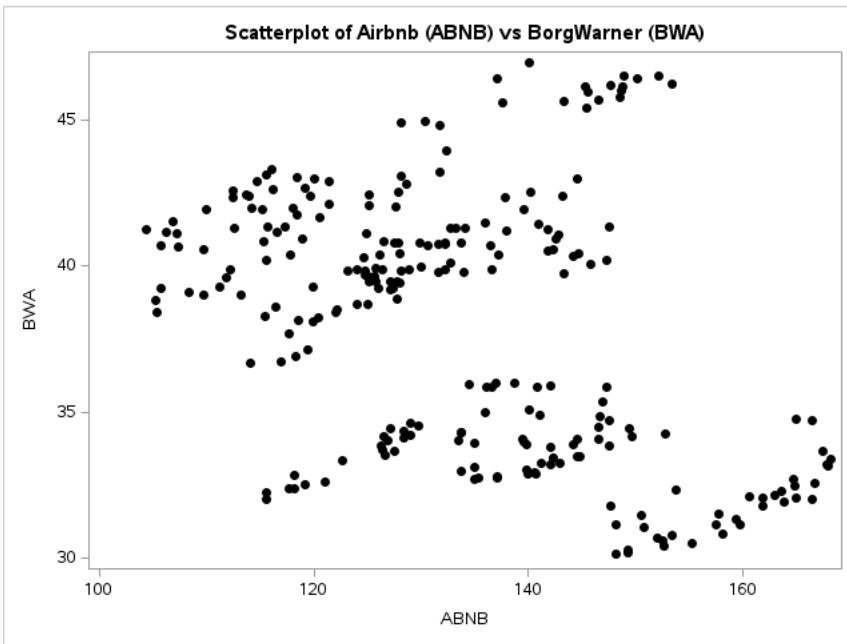
Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
ABNB	249	133.76779	15.32636	33308	104.42000	168.17999	ABNB
AMZN	249	138.69687	20.86589	34536	97.83000	180.38001	AMZN
APTV	249	92.31506	10.65716	22986	72.81000	112.40000	APTV
AZO	249	2626	189.33995	653967	2307	3239	AZO
BBWI	249	37.84028	5.14522	9422	28.12000	50.02000	BBWI
BBY	249	74.61145	4.68729	18578	62.88000	84.95000	BBY
BKNG	249	3086	361.25891	768345	2509	3902	BKNG
BWA	249	38.00030	4.43162	9462	30.16000	46.95000	BWA
CCL	249	14.76398	2.82572	3676	8.76000	19.30000	CCL
CMG	249	2138	295.60016	532477	1685	2956	CMG
CZR	249	46.58014	4.74288	11598	38.54000	59.38000	CZR
DECK	249	614.06088	145.22771	152901	440.32999	952.94000	DECK
DHI	249	125.39598	18.20151	31224	95.64000	164.55000	DHI
DPZ	249	377.15711	45.85381	93912	289.85001	496.88001	DPZ
DRI	249	158.20229	9.28221	39392	134.00000	175.89000	DRI
EBAY	249	43.94293	2.89356	10942	37.99000	52.78000	EBAY
ETSY	249	79.10871	12.49401	19698	60.66000	109.64000	ETSY
EXPE	249	118.13317	20.47017	29415	89.17000	159.47000	EXPE
F	249	12.22044	1.16395	3043	9.70000	15.35000	F
GM	249	34.91920	3.84032	8695	26.65000	45.35000	GM
GPC	249	150.45430	11.75679	37463	127.12000	173.73000	GPC
GRMN	249	113.67538	13.60504	28305	95.20000	148.87000	GRMN
HAS	249	56.53458	7.52416	14077	42.88000	72.92000	HAS
HD	249	322.77980	29.83982	80372	276.45999	395.20001	HD
HLT	249	163.13289	22.01248	40620	136.08000	214.34000	HLT
KMX	249	74.48643	7.18500	18547	60.39000	87.11000	KMX
LEN	249	128.24357	18.54953	31933	102.06000	171.98000	LEN
LKQ	249	51.34446	4.18881	12785	43.12000	59.01000	LKQ
LOW	249	216.31185	15.40379	53862	183.62000	261.00000	LOW
LULU	249	411.09381	46.75386	102362	328.35001	511.29001	LULU
LVS	249	52.96976	5.17904	13189	44.10000	64.86000	LVS

Simple Statistics							
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum	Label
MAR	249	204.07827	26.01293	50815	161.47000	255.27000	MAR
MCD	249	284.61213	12.31868	70868	246.19000	300.53000	MCD
MGM	249	42.45618	3.40896	10572	34.23000	50.90000	MGM
MHK	249	99.56177	11.67907	24791	76.56000	130.89000	MHK
NCLH	249	16.99237	2.62303	4231	12.46000	22.52000	NCLH
NKE	249	107.25337	8.88470	26706	89.42000	127.92000	NKE
NVR	249	6401	681.77143	1593828	5377	8100	NVR
ORLY	249	962.97868	63.04778	239782	858.34998	1168	ORLY
PHM	249	84.83040	15.90902	21123	57.84000	120.62000	PHM
POOL	249	361.66076	25.12076	90054	309.50000	418.97000	POOL
RCL	249	101.24711	19.77880	25211	59.56000	139.72000	RCL
RL	249	131.24277	23.29293	32679	106.09000	190.42000	RL
ROST	249	121.80225	15.09724	30329	100.90000	150.45000	ROST
SBUX	249	98.09028	5.35950	24424	89.48000	114.56000	SBUX
TJX	249	88.36831	6.75686	22004	75.94000	101.42000	TJX
TPR	249	37.93153	6.26345	9445	26.59000	48.55000	TPR
TSCO	249	222.06896	16.80650	55295	187.81000	266.17001	TSCO
TSLA	249	222.77510	35.46726	55471	153.75000	293.34000	TSLA
ULTA	249	465.82920	53.88760	115991	371.85001	567.17999	ULTA
WYNN	249	98.80578	8.08617	24603	82.21000	115.60000	WYNN
YUM	249	131.33245	5.68398	32702	116.25000	142.89999	YUM

	ABNB	AMZN	APTV	AZO	BBWI	BBY	BKNG	BWA	CCL	CMG	CZR	DECK	DHI	DPZ	DRI	EBAY	ETSY	EXPE	F	GM	GPC
ABNB	1.00000	0.83045 <.0001	-0.30830 <.0001	0.61715 <.0001	0.68210 <.0001	0.49677 <.0001	0.79076 <.0001	-0.40140 <.0001	0.70774 <.0001	0.72334 <.0001	0.12023 0.0582	0.79889 <.0001	0.79638 <.0001	0.89149 <.0001	0.57203 <.0001	0.51569 <.0001	-0.32808 <.0001	0.68658 <.0001	0.22206 0.0004	0.68900 <.0001	-0.18385 0.0036







Stepwise Regression Analysis for Predicting Airbnb Stock Prices

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	51	56599	1109.77910	132.04	<.0001
Error	197	1655.76993	8.40492		
Corrected Total	248	58255			

Root MSE	2.89912	R-Square	0.9716
Dependent Mean	133.76779	Adj R-Sq	0.9642
Coeff Var	2.16728		

Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	Intercept	1	-48.17979	26.52852	-1.82	0.0709	0
AMZN	AMZN	1	-0.15814	0.10571	-1.50	0.1363	143.55659
APTV	APTV	1	0.19648	0.14901	1.32	0.1888	74.40884
AZO	AZO	1	0.00371	0.00777	0.48	0.6337	63.81361
BBWI	BBWI	1	-0.84195	0.19711	-4.27	<.0001	30.35039
BBY	BBY	1	-0.08785	0.18426	-0.48	0.6341	22.01078
BKNG	BKNG	1	-0.00097118	0.00436	-0.22	0.8238	73.04404
BWA	BWA	1	0.62911	0.37112	1.70	0.0916	79.81173
CCL	CCL	1	-1.02362	0.63339	-1.62	0.1077	94.51793
CMG	CMG	1	0.00989	0.00536	1.85	0.0664	74.09316
CZR	CZR	1	0.53428	0.21943	2.43	0.0158	31.95887
DECK	DECK	1	0.05750	0.01872	3.07	0.0024	218.07058
DHI	DHI	1	-0.75550	0.17954	-4.21	<.0001	315.11752
DPZ	DPZ	1	0.04364	0.03051	1.43	0.1542	57.75121
DRI	DRI	1	0.13547	0.12075	1.12	0.2633	37.06859
EBAY	EBAY	1	0.74594	0.30822	2.42	0.0164	23.47032
ETSY	ETSY	1	-0.12252	0.09520	-1.29	0.1996	41.74449
EXPE	EXPE	1	0.00736	0.07905	0.09	0.9259	77.27086
F	F	1	-1.06799	1.01133	-1.06	0.2922	40.88567
GM	GM	1	-0.10565	0.44910	-0.24	0.8143	87.76768
GPC	GPC	1	-0.08173	0.12864	-0.64	0.5259	67.48864
GRMN	GRMN	1	-0.27384	0.12091	-2.26	0.0246	79.84578
HAS	HAS	1	0.37451	0.15247	2.46	0.0149	38.83413
HD	HD	1	0.14824	0.08813	1.68	0.0941	204.04484
HLT	HLT	1	0.29304	0.18013	1.63	0.1054	463.92064
KMX	KMX	1	-0.15805	0.12813	-1.23	0.2188	25.00823
LEN	LEN	1	0.81501	0.21827	3.73	0.0002	483.69825
LKQ	LKQ	1	-0.78207	0.39476	-1.98	0.0490	80.68139

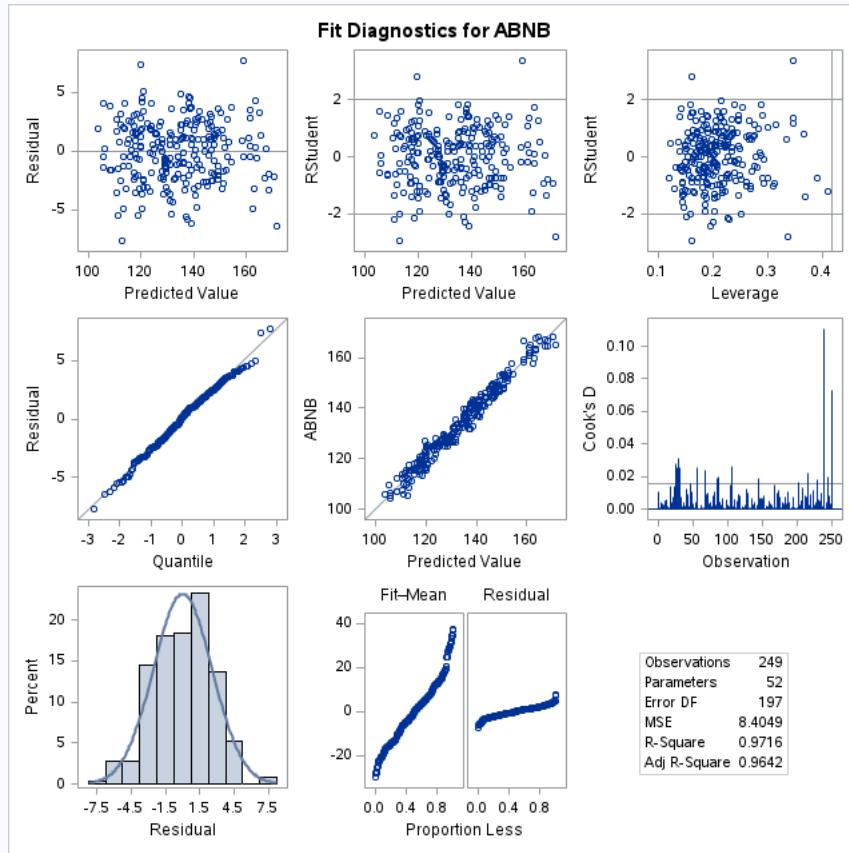
Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
LOW	LOW	1	0.23672	0.10968	2.16	0.0321	84.22747
LULU	LULU	1	0.05622	0.02160	2.60	0.0100	30.10334
LVS	LVS	1	-0.55791	0.25922	-2.15	0.0326	53.18003
MAR	MAR	1	-0.12386	0.11909	-1.04	0.2996	283.18099
MCD	MCD	1	-0.03911	0.07536	-0.52	0.6043	25.42560
MGM	MGM	1	0.10977	0.35523	0.31	0.7576	43.27018
MHK	MHK	1	-0.14292	0.15389	-0.93	0.3542	95.30933
NCLH	NCLH	1	0.18916	0.51980	0.36	0.7163	54.85275
NKE	NKE	1	0.19485	0.08932	2.18	0.0303	18.58077
NVR	NVR	1	-0.00176	0.00364	-0.48	0.6304	181.92984
ORLY	ORLY	1	-0.03473	0.02335	-1.49	0.1386	63.96955
PHM	PHM	1	0.24298	0.27413	0.89	0.3765	561.19412
POOL	POOL	1	-0.11884	0.04236	-2.81	0.0055	33.41739
RCL	RCL	1	0.34765	0.13917	2.50	0.0133	223.55656
RL	RL	1	0.21864	0.09052	2.42	0.0166	131.17385
ROST	ROST	1	-0.49317	0.15456	-3.19	0.0017	160.66499
SBUX	SBUX	1	-0.11132	0.16709	-0.67	0.5061	23.66326
TJX	TJX	1	-0.02926	0.26061	-0.11	0.9107	91.49487
TPR	TPR	1	-0.04615	0.28581	-0.16	0.8719	94.55581
TSCO	TSCO	1	0.15464	0.07742	2.00	0.0472	49.95452
TSLA	TSLA	1	0.11316	0.02959	3.82	0.0002	32.50603
ULTA	ULTA	1	-0.02417	0.02245	-1.08	0.2831	43.19223
WYNN	WYNN	1	0.55749	0.15381	3.62	0.0004	45.64368
YUM	YUM	1	0.02363	0.20239	0.12	0.9072	39.04785

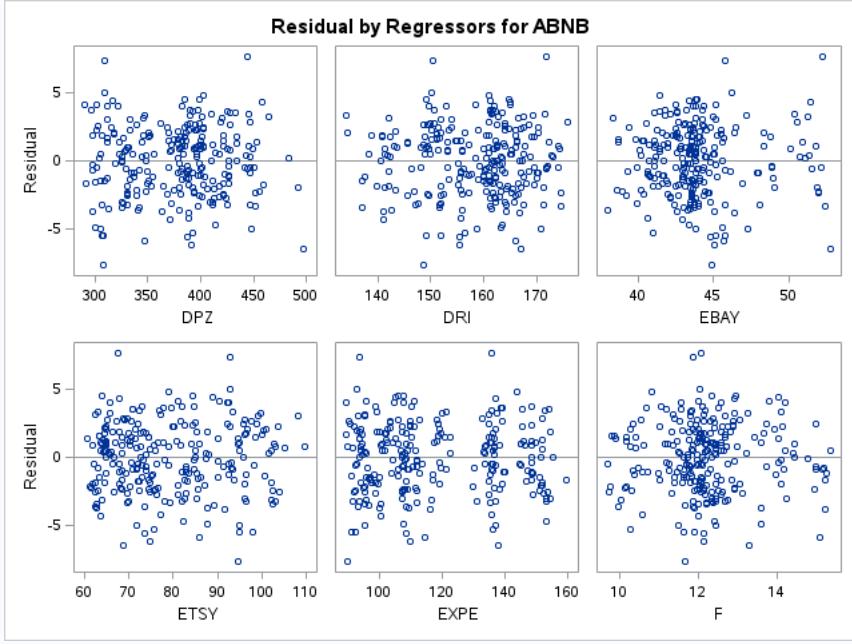
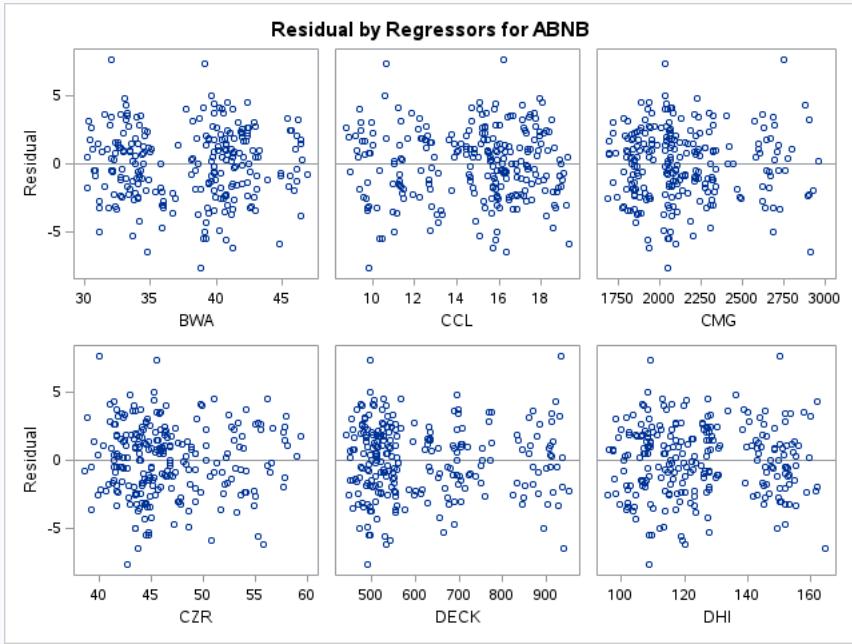
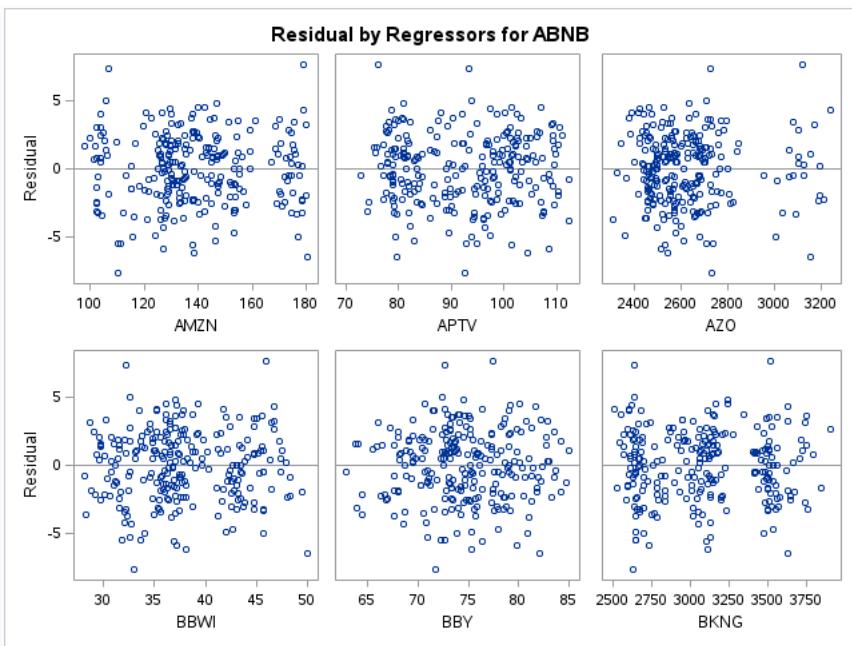
Stepwise Regression Analysis for Predicting Airbnb Stock Prices

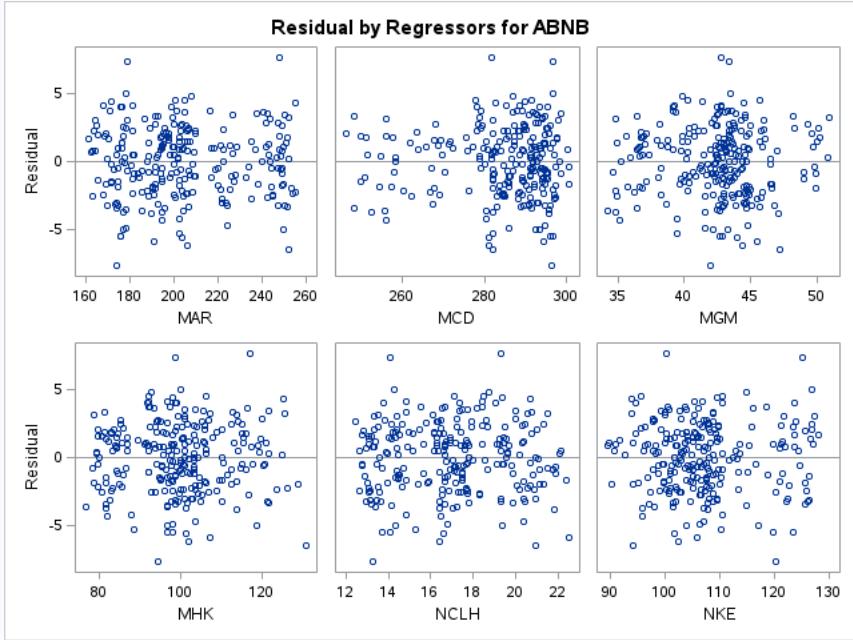
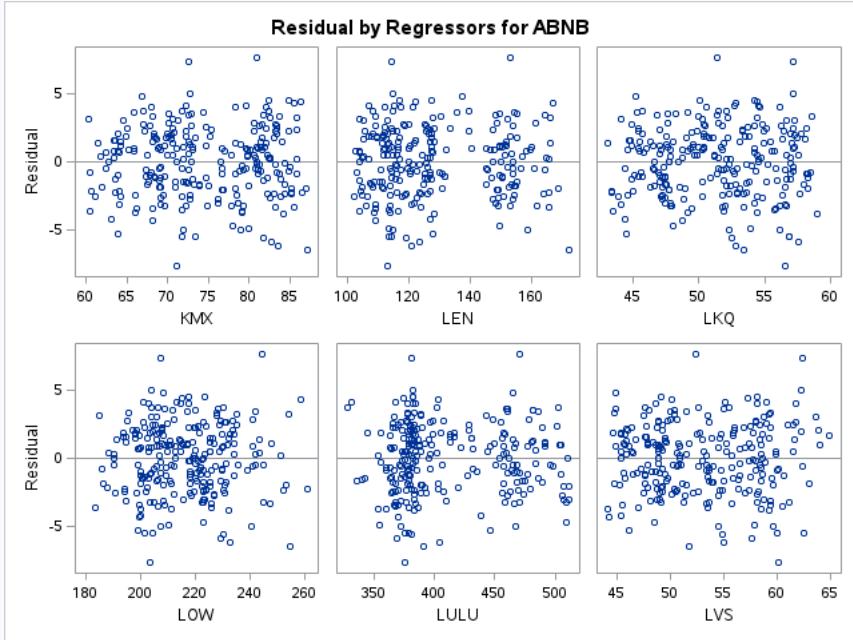
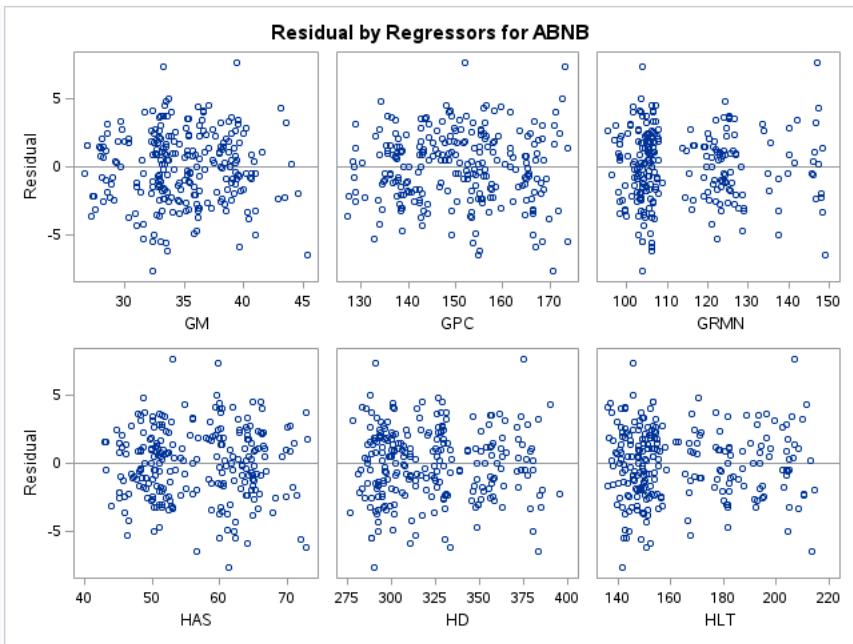
The REG Procedure

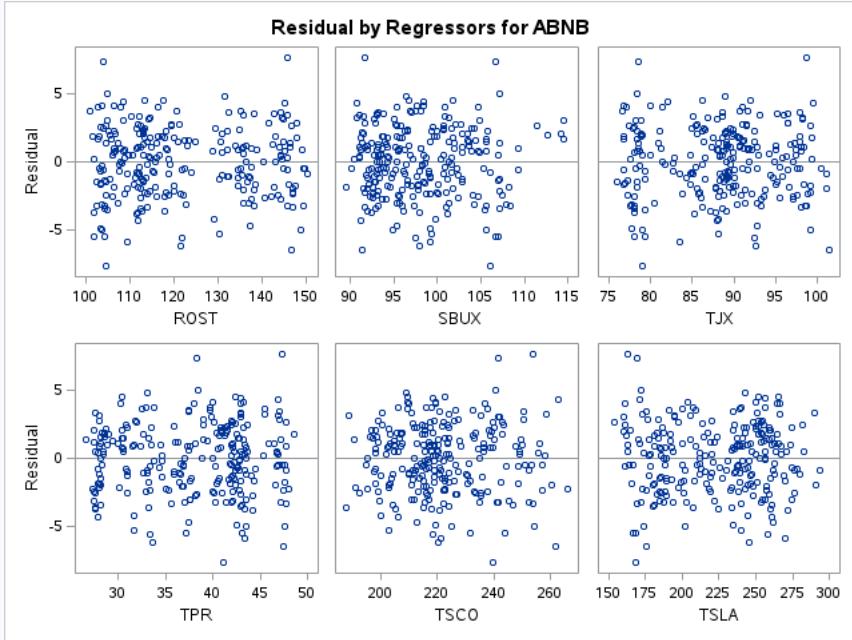
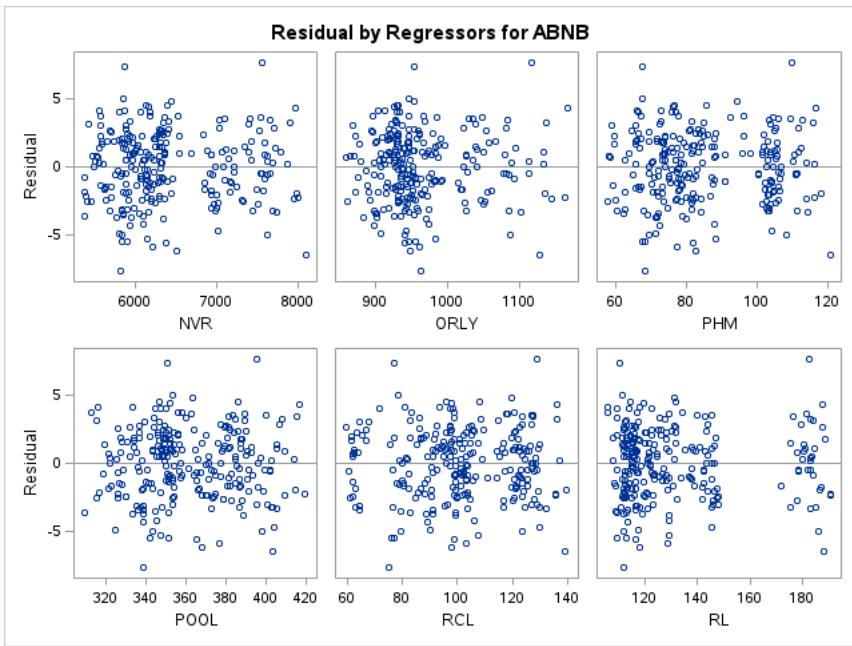
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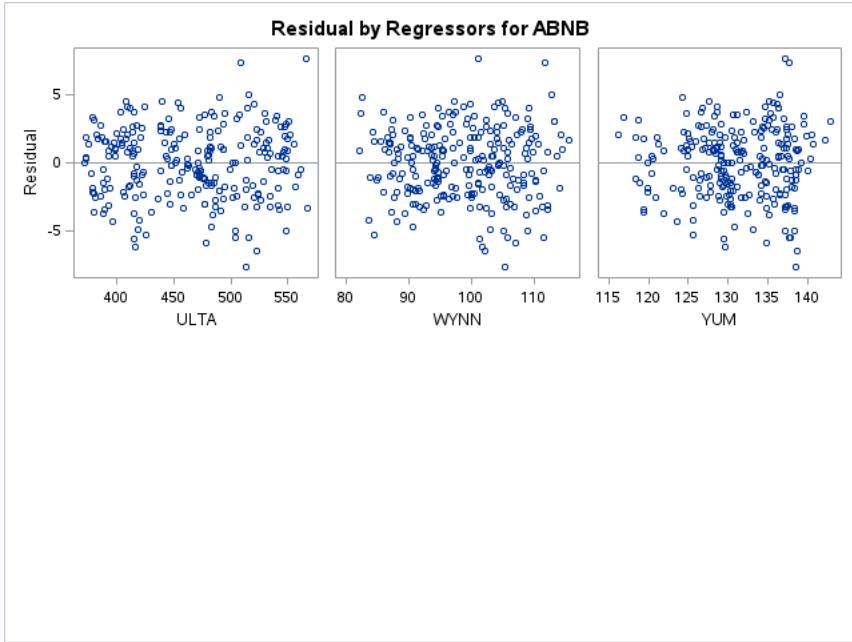
Dependent Variable: ABNB ABNB











Refined Stepwise Regression Analysis for Predicting Airbnb Stock Prices

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

Stepwise Selection: Step 1

Variable HD Entered: R-Square = 0.7933 and C(p) = 524.6824

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	46211	46211	947.69	<.0001
Error	247	12044	48.76110		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-13.88941	4.81683	405.43213	8.31	0.0043
HD	0.45745	0.01486	46211	947.69	<.0001

Bounds on condition number: 1, 1

Stepwise Selection: Step 2

Variable TSLA Entered: R-Square = 0.8335 and C(p) = 376.8341

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	48555	24278	615.75	<.0001
Error	246	9699.16512	39.42750		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-38.29815	5.36457	2009.48324	50.97	<.0001
HD	0.47260	0.01351	48278	1224.47	<.0001
TSLA	0.08763	0.01136	2344.82588	59.47	<.0001

Bounds on condition number: 1.0216, 4.0864

Stepwise Selection: Step 3

Variable EBAY Entered: R-Square = 0.8631 and C(p) = 268.8349

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	50277	16759	514.66	<.0001
Error	245	7977.89692	32.56284		

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-72.08659	6.73542	3729.94123	114.55	<.0001
EBAY	1.01973	0.14026	1721.26821	52.86	<.0001
HD	0.43145	0.01352	33181	1018.98	<.0001
TSLA	0.09778	0.01042	2866.99649	88.05	<.0001

Bounds on condition number: 1.2544, 10.6

Stepwise Selection: Step 4

Variable DECK Entered: R-Square = 0.8848 and C(p) = 189.9582

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	4	51542	12886	468.40	<.0001
Error	244	6712.33825	27.50958		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-57.00264	6.57811	2065.72107	75.09	<.0001
EBAY	1.26939	0.13407	2466.22604	89.65	<.0001
DECK	0.04041	0.00596	1265.55866	46.00	<.0001
HD	0.25042	0.02944	1990.47631	72.36	<.0001
TSLA	0.13172	0.01081	4087.27046	148.58	<.0001

Bounds on condition number: 6.957, 65.549

Stepwise Selection: Step 5

Variable CMG Entered: R-Square = 0.8969 and C(p) = 146.8923

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	52247	10449	422.70	<.0001
Error	243	6007.14725	24.72077		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-46.49540	6.53873	1249.95663	50.56	<.0001
CMG	-0.01812	0.00339	705.19101	28.53	<.0001
EBAY	1.64462	0.14522	3170.80124	128.26	<.0001
DECK	0.07831	0.00907	1843.12527	74.56	<.0001
HD	0.21698	0.02860	1422.74401	57.55	<.0001
TSLA	0.12849	0.01026	3875.26315	156.76	<.0001

Bounds on condition number: 17.403, 189.51

Stepwise Selection: Step 6

Variable HAS Entered: R-Square = 0.9044 and C(p) = 120.8876

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	6	52686	8780.92907	381.58	<.0001
Error	242	5568.92946	23.01211		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-38.03050	6.60020	764.02268	33.20	<.0001
CMG	-0.01834	0.00327	721.95094	31.37	<.0001
EBAY	1.27358	0.16389	1389.67943	60.39	<.0001
DECK	0.10190	0.01029	2258.73425	98.15	<.0001
HAS	0.33931	0.07776	438.21779	19.04	<.0001
HD	0.14789	0.03181	497.29946	21.61	<.0001
TSLA	0.11472	0.01039	2804.47668	121.87	<.0001

Bounds on condition number: 24.046, 308.57

Stepwise Selection: Step 7

Variable CZR Entered: R-Square = 0.9085 and C(p) = 107.7684

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Corrected Total	248	58255			

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	52922	7560.30861	341.69	<.0001
Error	241	5332.34362	22.12591		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-37.29725	6.47575	733.96388	33.17	<.0001
CMG	-0.01643	0.00326	561.30577	25.37	<.0001
EBAY	1.20348	0.16213	1219.20868	55.10	<.0001
CZR	0.41857	0.12801	236.58584	10.69	0.0012
DECK	0.11280	0.01062	2495.22228	112.77	<.0001
HAS	0.30426	0.07699	345.54168	15.62	0.0001
HD	0.08386	0.03683	114.70730	5.18	0.0237
TSLA	0.09107	0.01250	1175.36734	53.12	<.0001

Bounds on condition number: 26.673, 442.4

Stepwise Selection: Step 8

Variable DRI Entered: R-Square = 0.9167 and C(p) = 79.2161

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	53400	6675.03031	330.02	<.0001
Error	240	4854.26143	20.22609		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-28.57216	6.44634	397.34861	19.65	<.0001
CMG	-0.00524	0.00388	37.00735	1.83	0.1774
EBAY	1.35970	0.15830	1492.15705	73.77	<.0001
CZR	0.76901	0.14204	592.90695	29.31	<.0001
DECK	0.09534	0.01077	1584.23481	78.33	<.0001
DRI	-0.29189	0.06004	478.08219	23.64	<.0001
HAS	0.16829	0.07875	92.37869	4.57	0.0336
HD	0.11509	0.03580	209.09025	10.34	0.0015
TSLA	0.08508	0.01201	1015.08259	50.19	<.0001

Bounds on condition number: 30.01, 628.61

Stepwise Selection: Step 9

Variable CMG Removed: R-Square = 0.9160 and C(p) = 79.5811

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	53363	7623.31930	375.61	<.0001
Error	241	4891.26879	20.29572		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-29.02433	6.44874	411.13034	20.26	<.0001
EBAY	1.31476	0.15505	1459.43077	71.91	<.0001
CZR	0.85068	0.12879	885.51437	43.63	<.0001
DECK	0.08612	0.00836	2155.93692	106.23	<.0001
DRI	-0.34010	0.04839	1002.38061	49.39	<.0001
HAS	0.14266	0.07656	70.46195	3.47	0.0636
HD	0.12292	0.03539	244.89074	12.07	0.0006
TSLA	0.08338	0.01196	985.74390	48.57	<.0001

Bounds on condition number: 17.993, 331.5

Stepwise Selection: Step 10

Variable HAS Removed: R-Square = 0.9148 and C(p) = 82.0840

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	6	53293	8882.12886	433.21	<.0001
Error	242	4961.73074	20.50302		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-30.82762	6.40818	474.49180	23.14	<.0001
EBAY	1.48885	0.12436	2938.60637	143.33	<.0001
CZR	0.90259	0.12638	1045.84594	51.01	<.0001

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
DECK	0.07859	0.00735	2342.71196	114.26	<.0001
DRI	-0.36461	0.04681	1243.95672	60.67	<.0001
HD	0.14636	0.03324	397.48341	19.39	<.0001
TSLA	0.08666	0.01190	1088.16890	53.07	<.0001

Bounds on condition number: 13.792, 216.25

Stepwise Selection: Step 11

Variable RL Entered: R-Square = 0.9198 and C(p) = 65.7273

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	53580	7654.28835	394.63	<.0001
Error	241	4674.48542	19.39621		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	-18.69134	6.98524	138.87835	7.16	0.0080
EBAY	1.25168	0.13575	1648.88978	85.01	<.0001
CZR	1.04621	0.12846	1286.54597	66.33	<.0001
DECK	0.06480	0.00800	1272.50514	65.61	<.0001
DRI	-0.41572	0.04743	1490.30717	76.83	<.0001
HD	0.10216	0.03431	171.95376	8.87	0.0032
RL	0.17777	0.04620	287.24531	14.81	0.0002
TSLA	0.08257	0.01162	979.67737	50.51	<.0001

Bounds on condition number: 17.258, 397.84

Stepwise Selection: Step 12

Variable SBUX Entered: R-Square = 0.9213 and C(p) = 61.9128

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	53671	6708.87545	351.29	<.0001
Error	240	4583.50028	19.09792		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	4.21561	12.57714	2.14557	0.11	0.7378
EBAY	1.19683	0.13703	1456.83423	76.28	<.0001
CZR	1.20168	0.14602	1293.44337	67.73	<.0001
DECK	0.06569	0.00795	1304.37093	68.30	<.0001
DRI	-0.37951	0.04990	1104.78712	57.85	<.0001
HD	0.06343	0.03839	52.12634	2.73	0.0998
RL	0.19001	0.04618	323.32397	16.93	<.0001
SBUX	-0.19072	0.08738	90.98514	4.76	0.0300
TSLA	0.06277	0.01467	349.63580	18.31	<.0001

Bounds on condition number: 17.304, 534.34

Stepwise Selection: Step 13

Variable HD Removed: R-Square = 0.9204 and C(p) = 63.2440

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	7	53619	7659.83961	398.22	<.0001
Error	241	4635.62662	19.23497		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	16.83322	10.02858	54.19352	2.82	0.0945
EBAY	1.17939	0.13711	1423.14404	73.99	<.0001
CZR	1.37690	0.10072	3594.60342	186.88	<.0001
DECK	0.07324	0.00653	2423.50656	125.99	<.0001
DRI	-0.37272	0.04991	1072.88308	55.78	<.0001
RL	0.21678	0.04340	479.86590	24.95	<.0001
SBUX	-0.25744	0.07776	210.81256	10.96	0.0011
TSLA	0.05280	0.01342	297.77478	15.48	0.0001

Bounds on condition number: 13.177, 263.58

Stepwise Selection: Step 14

Variable LOW Entered: R-Square = 0.9221 and C(p) = 58.8790

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	53718	6714.80954	355.28	<.0001
Error	240	4536.02760	18.90011		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	12.30406	10.13480	27.85680	1.47	0.2259
EBAY	0.90468	0.18109	471.69383	24.96	<.0001
CZR	1.15882	0.13782	1336.27453	70.70	<.0001
DECK	0.07103	0.00654	2229.54485	117.96	<.0001
DRI	-0.38767	0.04990	1140.90464	60.36	<.0001
LOW	0.13141	0.05724	99.59902	5.27	0.0226
RL	0.18435	0.04528	313.23984	16.57	<.0001
SBUX	-0.20324	0.08062	120.12110	6.36	0.0124
TSLA	0.05729	0.01345	343.11054	18.15	<.0001

Bounds on condition number: 14.598, 432.75

Stepwise Selection: Step 15

Variable AMZN Entered: R-Square = 0.9243 and C(p) = 52.6691

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	9	53847	5982.99391	324.43	<.0001
Error	239	4407.55870	18.44167		
Corrected Total	248	58255			

Variable	Parameter Estimate	Standard Error	Type II SS	F Value	Pr > F
Intercept	25.66711	11.21858	96.53361	5.23	0.0230
AMZN	-0.17714	0.06712	128.46890	6.97	0.0089
EBAY	0.81285	0.18223	366.90936	19.90	<.0001
CZR	1.17228	0.13623	1365.59025	74.05	<.0001
DECK	0.09749	0.01193	1232.21873	66.82	<.0001
DRI	-0.38920	0.04929	1149.73640	62.34	<.0001
LOW	0.15869	0.05748	140.55226	7.62	0.0062
RL	0.15987	0.04568	225.86269	12.25	0.0006
SBUX	-0.28699	0.08572	206.69526	11.21	0.0009
TSLA	0.07584	0.01503	469.74562	25.47	<.0001

Bounds on condition number: 40.345, 1001.8

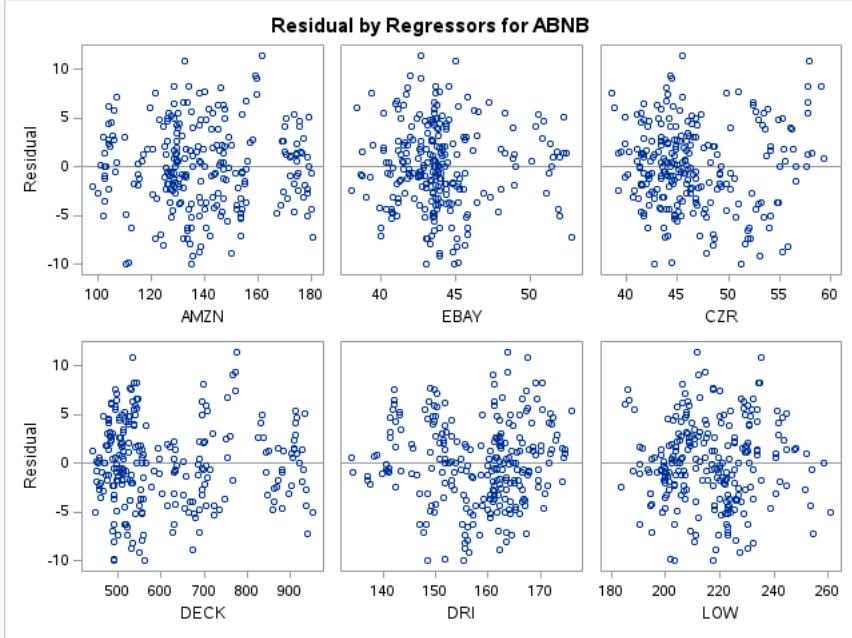
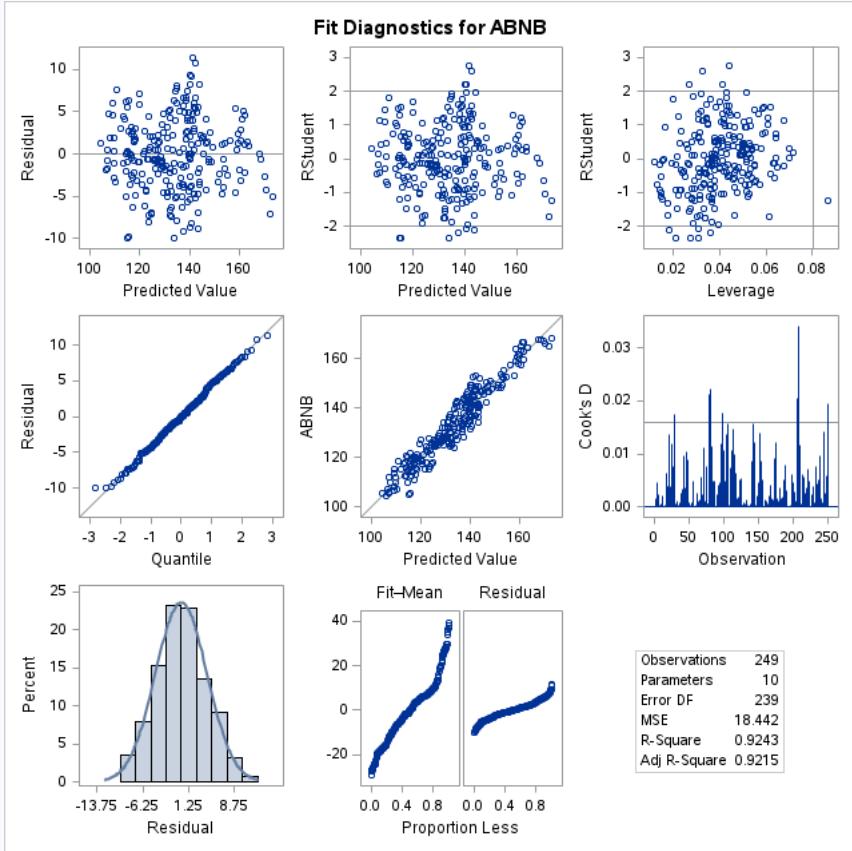
All variables left in the model are significant at the 0.0500 level.

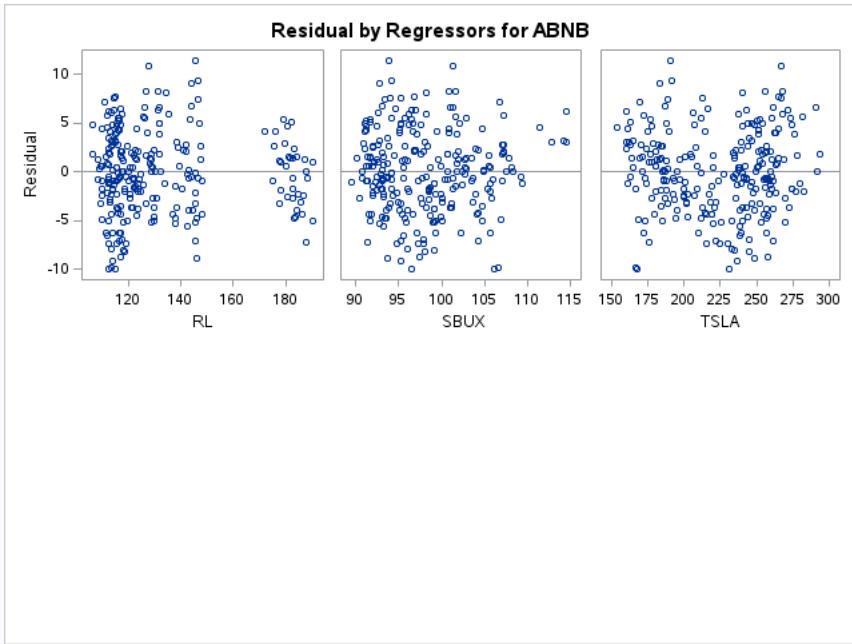
No other variable met the 0.0500 significance level for entry into the model.

Summary of Stepwise Selection										
Step	Variable Entered	Variable Removed	Label	Number Vars In	Partial R-Square	Model R-Square	C(p)	F Value	Pr > F	
1	HD		HD	1	0.7933	0.7933	524.682	947.69	<.0001	
2	TSLA		TSLA	2	0.0403	0.8335	376.834	59.47	<.0001	
3	EBAY		EBAY	3	0.0295	0.8631	268.835	52.86	<.0001	
4	DECK		DECK	4	0.0217	0.8848	189.958	46.00	<.0001	
5	CMG		CMG	5	0.0121	0.8969	146.892	28.53	<.0001	
6	HAS		HAS	6	0.0075	0.9044	120.888	19.04	<.0001	
7	CZR		CZR	7	0.0041	0.9085	107.768	10.69	0.0012	
8	DRI		DRI	8	0.0082	0.9167	79.2161	23.64	<.0001	
9		CMG	CMG	7	0.0006	0.9160	79.5811	1.83	0.1774	
10		HAS	HAS	6	0.0012	0.9148	82.0840	3.47	0.0636	
11	RL		RL	7	0.0049	0.9198	65.7273	14.81	0.0002	
12	SBUX		SBUX	8	0.0016	0.9213	61.9128	4.76	0.0300	
13		HD	HD	7	0.0009	0.9204	63.2440	2.73	0.0998	
14	LOW		LOW	8	0.0017	0.9221	58.8790	5.27	0.0226	
15	AMZN		AMZN	9	0.0022	0.9243	52.6691	6.97	0.0089	

Refined Stepwise Regression Analysis for Predicting Airbnb Stock Prices

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB





Model Evaluation with R-Square

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB

R-Square Selection Method

Number of Observations Read	249
Number of Observations Used	249

Number in Model	R-Square	Variables in Model
1	0.6897	AMZN
1	0.6786	LOW
1	0.6760	RL
1	0.6382	DECK
1	0.3272	DRI
1	0.3052	SBUX
1	0.2659	EBAY
1	0.0145	CZR
1	0.0048	TSLA
2	0.8505	AMZN LOW
2	0.8380	CZR DECK
2	0.8324	DECK LOW
2	0.8177	CZR RL
2	0.7950	AMZN EBAY
2	0.7950	LOW RL
2	0.7920	RL TSLA
2	0.7753	AMZN CZR
2	0.7664	LOW SBUX
2	0.7534	DECK TSLA
2	0.7351	AMZN RL
2	0.7162	EBAY DECK
2	0.7153	AMZN DRI
2	0.7082	RL SBUX
2	0.7028	AMZN TSLA
2	0.7003	EBAY LOW
2	0.7002	CZR LOW
2	0.6925	AMZN DECK
2	0.6923	EBAY RL
2	0.6897	AMZN SBUX
2	0.6832	DECK RL
2	0.6795	LOW TSLA
2	0.6791	DRI LOW
2	0.6784	DRI RL
2	0.6617	DECK DRI
2	0.6586	DECK SBUX
2	0.5810	DRI SBUX
2	0.5233	EBAY SBUX

Number in Model	R-Square	Variables in Model
2	0.3907	EBAY DRI
2	0.3640	CZR SBUX
2	0.3358	DRI TSLA
2	0.3275	CZR DRI
2	0.3054	SBUX TSLA
2	0.2935	EBAY TSLA
2	0.2701	EBAY CZR
2	0.0147	CZR TSLA
3	0.8797	DECK LOW TSLA
3	0.8696	CZR DECK LOW
3	0.8673	EBAY CZR DECK
3	0.8627	CZR RL SBUX
3	0.8604	CZR DECK SBUX
3	0.8602	AMZN CZR RL
3	0.8590	AMZN DRI LOW
3	0.8579	CZR DECK RL
3	0.8571	AMZN CZR LOW
3	0.8562	AMZN LOW TSLA
3	0.8538	AMZN EBAY CZR
3	0.8532	AMZN LOW SBUX
3	0.8520	AMZN LOW RL
3	0.8519	AMZN DECK LOW
3	0.8510	AMZN EBAY LOW
3	0.8506	EBAY DECK TSLA
3	0.8500	DECK LOW SBUX
3	0.8479	DECK DRI LOW
3	0.8452	CZR DRI RL
3	0.8450	LOW RL TSLA
3	0.8446	CZR DECK DRI
3	0.8435	CZR DECK TSLA
3	0.8389	AMZN CZR DECK
3	0.8362	EBAY DECK LOW
3	0.8346	CZR RL TSLA
3	0.8337	DECK LOW RL
3	0.8287	LOW RL SBUX
3	0.8255	CZR LOW RL
3	0.8254	AMZN EBAY TSLA
3	0.8179	EBAY CZR RL
3	0.8122	DRI LOW RL
3	0.8117	EBAY RL TSLA
3	0.8104	EBAY LOW RL
3	0.8046	DECK RL TSLA
3	0.8034	AMZN RL TSLA
3	0.7962	AMZN EBAY RL
3	0.7961	AMZN EBAY SBUX
3	0.7961	AMZN EBAY DECK
3	0.7958	RL SBUX TSLA
3	0.7951	AMZN EBAY DRI
3	0.7928	DRI RL TSLA
3	0.7880	AMZN CZR TSLA
3	0.7794	AMZN CZR DRI
3	0.7764	AMZN CZR SBUX
3	0.7723	EBAY LOW SBUX
3	0.7685	CZR LOW SBUX
3	0.7683	DRI LOW SBUX
3	0.7666	LOW SBUX TSLA
3	0.7627	DECK DRI TSLA
3	0.7580	AMZN DECK RL
3	0.7544	AMZN DECK TSLA
3	0.7534	DECK SBUX TSLA
3	0.7454	EBAY DECK SBUX
3	0.7401	AMZN DRI RL
3	0.7379	AMZN RL SBUX
3	0.7353	EBAY RL SBUX
3	0.7344	CZR LOW TSLA
3	0.7327	EBAY CZR LOW
3	0.7291	AMZN DRI TSLA
3	0.7217	DRI RL SBUX
3	0.7207	AMZN DRI SBUX
3	0.7196	EBAY DECK RL
3	0.7172	EBAY DECK DRI
3	0.7157	AMZN DECK DRI
3	0.7093	DECK RL SBUX
3	0.7036	AMZN SBUX TSLA

Number in Model	R-Square	Variables in Model
3	0.7013	CZR DRI LOW
3	0.7013	DECK DRI SBUX
3	0.7010	EBAY DRI LOW
3	0.7006	EBAY LOW TSLA
3	0.6929	AMZN DECK SBUX
3	0.6924	EBAY DRI RL
3	0.6876	DECK DRI RL
3	0.6800	DRI LOW TSLA
3	0.6318	EBAY DRI SBUX
3	0.6000	CZR DRI SBUX
3	0.5812	DRI SBUX TSLA
3	0.5566	EBAY CZR SBUX
3	0.5298	EBAY SBUX TSLA
3	0.4413	CZR SBUX TSLA
3	0.4111	EBAY DRI TSLA
3	0.3909	EBAY CZR DRI
3	0.3400	CZR DRI TSLA
3	0.2991	EBAY CZR TSLA
4	0.8951	EBAY CZR DECK SBUX
4	0.8951	DECK DRI LOW TSLA
4	0.8945	CZR DECK DRI LOW
4	0.8923	EBAY CZR DECK DRI
4	0.8896	CZR DECK LOW SBUX
4	0.8869	EBAY CZR DECK TSLA
4	0.8852	CZR DECK LOW TSLA
4	0.8842	CZR DECK RL SBUX
4	0.8820	EBAY DECK LOW TSLA
4	0.8819	DECK LOW SBUX TSLA
4	0.8819	CZR DECK DRI RL
4	0.8806	AMZN DECK LOW TSLA
4	0.8801	DECK LOW RL TSLA
4	0.8782	AMZN CZR DRI RL
4	0.8755	AMZN EBAY CZR DECK
4	0.8752	AMZN EBAY CZR RL
4	0.8734	AMZN CZR RL SBUX
4	0.8733	AMZN CZR DECK LOW
4	0.8726	CZR DRI RL SBUX
4	0.8722	AMZN CZR LOW RL
4	0.8719	EBAY CZR DECK LOW
4	0.8712	CZR DECK LOW RL
4	0.8700	EBAY CZR DECK RL
4	0.8685	CZR DECK RL TSLA
4	0.8682	AMZN LOW RL TSLA
4	0.8677	CZR LOW RL SBUX
4	0.8668	AMZN CZR DECK SBUX
4	0.8659	AMZN CZR DRI LOW
4	0.8654	EBAY CZR RL SBUX
4	0.8649	DRI LOW RL TSLA
4	0.8635	AMZN DRI LOW TSLA
4	0.8634	AMZN DRI LOW RL
4	0.8631	AMZN CZR DECK RL
4	0.8631	CZR RL SBUX TSLA
4	0.8628	AMZN DECK DRI LOW
4	0.8625	AMZN EBAY CZR LOW
4	0.8614	AMZN CZR RL TSLA
4	0.8614	CZR DECK DRI SBUX
4	0.8604	CZR DECK SBUX TSLA
4	0.8602	AMZN CZR LOW SBUX
4	0.8597	AMZN EBAY DRI LOW
4	0.8592	AMZN EBAY LOW TSLA
4	0.8592	AMZN DRI LOW SBUX
4	0.8592	AMZN EBAY CZR DRI
4	0.8585	CZR DRI LOW RL
4	0.8576	AMZN CZR LOW TSLA
4	0.8572	AMZN LOW SBUX TSLA
4	0.8569	AMZN EBAY CZR SBUX
4	0.8565	AMZN DECK LOW SBUX
4	0.8563	DECK DRI LOW SBUX
4	0.8562	CZR DRI RL TSLA
4	0.8558	LOW RL SBUX TSLA
4	0.8557	AMZN LOW RL SBUX
4	0.8539	EBAY DECK DRI TSLA
4	0.8538	AMZN EBAY CZR TSLA
4	0.8536	AMZN EBAY LOW SBUX

Number in Model	R-Square	Variables in Model
4	0.8534	EBAY DECK RL TSLA
4	0.8522	AMZN DECK LOW RL
4	0.8521	AMZN EBAY LOW RL
4	0.8520	AMZN EBAY DECK LOW
4	0.8516	EBAY DECK LOW SBUX
4	0.8514	EBAY DECK SBUX TSLA
4	0.8510	EBAY DECK DRI LOW
4	0.8508	AMZN EBAY DECK TSLA
4	0.8505	DECK LOW RL SBUX
4	0.8482	CZR LOW RL TSLA
4	0.8481	DECK DRI LOW RL
4	0.8480	CZR DECK DRI TSLA
4	0.8474	EBAY CZR DRI RL
4	0.8463	EBAY LOW RL TSLA
4	0.8459	AMZN EBAY RL TSLA
4	0.8446	AMZN CZR DECK DRI
4	0.8443	AMZN CZR DECK TSLA
4	0.8380	EBAY CZR RL TSLA
4	0.8365	EBAY DECK LOW RL
4	0.8355	EBAY LOW RL SBUX
4	0.8332	DRI LOW RL SBUX
4	0.8292	EBAY CZR LOW RL
4	0.8273	EBAY DRI LOW RL
4	0.8255	AMZN EBAY DRI TSLA
4	0.8255	AMZN EBAY SBUX TSLA
4	0.8198	EBAY RL SBUX TSLA
4	0.8178	EBAY DRI RL TSLA
4	0.8052	DECK RL SBUX TSLA
4	0.8049	AMZN DECK RL TSLA
4	0.8047	DECK DRI RL TSLA
4	0.8035	AMZN RL SBUX TSLA
4	0.8034	AMZN EBAY DECK RL
4	0.8034	AMZN DRI RL TSLA
4	0.7979	AMZN EBAY RL SBUX
4	0.7967	AMZN EBAY DECK SBUX
4	0.7965	AMZN CZR SBUX TSLA
4	0.7965	AMZN EBAY DRI SBUX
4	0.7962	AMZN EBAY DRI RL
4	0.7962	AMZN EBAY DECK DRI
4	0.7958	DRI RL SBUX TSLA
4	0.7886	AMZN CZR DRI TSLA
4	0.7835	AMZN CZR DRI SBUX
4	0.7777	EBAY CZR LOW SBUX
4	0.7738	EBAY DRI LOW SBUX
4	0.7736	EBAY LOW SBUX TSLA
4	0.7703	CZR LOW SBUX TSLA
4	0.7698	CZR DRI LOW SBUX
4	0.7684	DRI LOW SBUX TSLA
4	0.7653	DECK DRI SBUX TSLA
4	0.7629	AMZN DECK DRI TSLA
4	0.7598	AMZN DECK DRI RL
4	0.7583	AMZN DECK RL SBUX
4	0.7549	AMZN DECK SBUX TSLA
4	0.7529	EBAY CZR LOW TSLA
4	0.7527	EBAY DECK DRI SBUX
4	0.7496	EBAY DECK RL SBUX
4	0.7469	AMZN DRI RL SBUX
4	0.7409	EBAY DRI RL SBUX
4	0.7347	CZR DRI LOW TSLA
4	0.7342	EBAY CZR DRI LOW
4	0.7310	AMZN DRI SBUX TSLA
4	0.7237	DECK DRI RL SBUX
4	0.7223	AMZN DECK DRI SBUX
4	0.7199	EBAY DECK DRI RL
4	0.7014	EBAY DRI LOW TSLA
4	0.6491	EBAY CZR DRI SBUX
4	0.6356	EBAY DRI SBUX TSLA
4	0.6187	CZR DRI SBUX TSLA
4	0.5660	EBAY CZR SBUX TSLA
4	0.4266	EBAY CZR DRI TSLA
5	0.9080	EBAY CZR DECK DRI TSLA
5	0.9070	EBAY CZR DECK DRI SBUX
5	0.9055	CZR DECK DRI LOW TSLA
5	0.9021	CZR DECK DRI LOW SBUX

Number in Model	R-Square	Variables in Model
5	0.9019	EBAY CZR DECK DRI RL
5	0.9015	CZR DECK DRI LOW RL
5	0.8999	EBAY CZR DECK DRI LOW
5	0.8988	EBAY CZR DECK SBUX TSLA
5	0.8986	AMZN DECK DRI LOW TSLA
5	0.8985	EBAY CZR DECK RL SBUX
5	0.8985	AMZN EBAY CZR DRI RL
5	0.8980	EBAY DECK DRI LOW TSLA
5	0.8970	DECK DRI LOW RL TSLA
5	0.8963	EBAY CZR DECK LOW SBUX
5	0.8961	AMZN EBAY CZR DECK DRI
5	0.8954	AMZN EBAY CZR DECK SBUX
5	0.8954	CZR DECK DRI RL SBUX
5	0.8951	DECK DRI LOW SBUX TSLA
5	0.8951	AMZN CZR DRI LOW RL
5	0.8949	AMZN CZR DECK DRI LOW
5	0.8932	CZR DECK LOW RL SBUX
5	0.8926	CZR DECK LOW SBUX TSLA
5	0.8913	EBAY CZR DECK LOW TSLA
5	0.8911	AMZN CZR DECK LOW SBUX
5	0.8895	EBAY CZR DECK RL TSLA
5	0.8883	CZR DECK DRI RL TSLA
5	0.8871	CZR DECK LOW RL TSLA
5	0.8869	AMZN EBAY CZR DECK TSLA
5	0.8860	AMZN CZR DECK LOW TSLA
5	0.8855	AMZN CZR DECK RL SBUX
5	0.8854	AMZN EBAY CZR RL SBUX
5	0.8846	AMZN DECK LOW SBUX TSLA
5	0.8846	CZR DECK RL SBUX TSLA
5	0.8842	AMZN CZR DRI RL SBUX
5	0.8840	EBAY DECK LOW SBUX TSLA
5	0.8836	AMZN CZR DECK DRI RL
5	0.8828	AMZN DRI LOW RL TSLA
5	0.8823	DECK LOW RL SBUX TSLA
5	0.8823	AMZN EBAY DECK LOW TSLA
5	0.8821	EBAY DECK LOW RL TSLA
5	0.8817	AMZN CZR LOW RL SBUX
5	0.8810	CZR DRI LOW RL SBUX
5	0.8807	AMZN DECK LOW RL TSLA
5	0.8796	AMZN EBAY CZR DECK RL
5	0.8787	AMZN CZR DRI RL TSLA
5	0.8784	AMZN EBAY CZR DECK LOW
5	0.8777	AMZN EBAY CZR RL TSLA
5	0.8771	EBAY CZR DRI RL SBUX
5	0.8762	AMZN CZR DECK LOW RL
5	0.8762	AMZN EBAY CZR LOW RL
5	0.8752	AMZN CZR LOW RL TSLA
5	0.8749	CZR DRI LOW RL TSLA
5	0.8735	AMZN CZR RL SBUX TSLA
5	0.8730	CZR DRI RL SBUX TSLA
5	0.8729	EBAY CZR DECK LOW RL
5	0.8725	AMZN EBAY CZR DRI LOW
5	0.8696	AMZN LOW RL SBUX TSLA
5	0.8694	CZR LOW RL SBUX TSLA
5	0.8694	AMZN EBAY LOW RL TSLA
5	0.8685	AMZN CZR DECK RL TSLA
5	0.8685	AMZN CZR DECK DRI SBUX
5	0.8684	AMZN CZR DECK SBUX TSLA
5	0.8677	EBAY CZR LOW RL SBUX
5	0.8672	DRI LOW RL SBUX TSLA
5	0.8668	AMZN EBAY DRI LOW TSLA
5	0.8665	EBAY CZR RL SBUX TSLA
5	0.8662	AMZN CZR DRI LOW SBUX
5	0.8659	EBAY DRI LOW RL TSLA
5	0.8659	AMZN CZR DRI LOW TSLA
5	0.8658	AMZN EBAY CZR LOW SBUX
5	0.8638	AMZN DRI LOW RL SBUX
5	0.8638	AMZN DECK DRI LOW SBUX
5	0.8636	AMZN DECK DRI LOW RL
5	0.8635	AMZN DRI LOW SBUX TSLA
5	0.8634	AMZN EBAY DRI LOW RL
5	0.8631	AMZN EBAY CZR LOW TSLA
5	0.8629	EBAY CZR DRI RL TSLA
5	0.8628	AMZN EBAY DECK DRI LOW

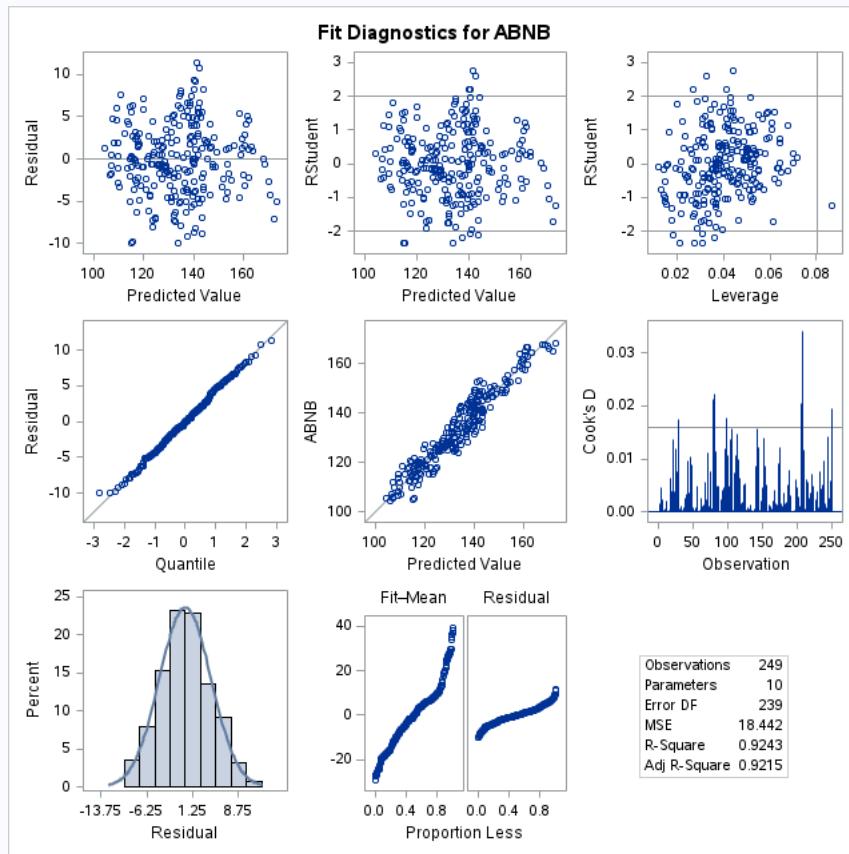
Number in Model	R-Square	Variables in Model
5	0.8614	CZR DECK DRI SBUX TSLA
5	0.8602	AMZN CZR LOW SBUX TSLA
5	0.8600	EBAY CZR DRI LOW RL
5	0.8600	AMZN EBAY CZR DRI SBUX
5	0.8599	AMZN EBAY LOW SBUX TSLA
5	0.8599	AMZN EBAY DRI LOW SBUX
5	0.8596	AMZN EBAY CZR DRI TSLA
5	0.8587	EBAY DECK DRI RL TSLA
5	0.8580	EBAY DECK DRI LOW SBUX
5	0.8578	AMZN EBAY CZR SBUX TSLA
5	0.8565	AMZN DECK LOW RL SBUX
5	0.8565	AMZN EBAY DECK LOW SBUX
5	0.8564	EBAY LOW RL SBUX TSLA
5	0.8564	DECK DRI LOW RL SBUX
5	0.8557	AMZN EBAY LOW RL SBUX
5	0.8543	EBAY DECK RL SBUX TSLA
5	0.8539	AMZN EBAY DECK DRI TSLA
5	0.8539	EBAY DECK DRI SBUX TSLA
5	0.8539	AMZN EBAY DECK RL TSLA
5	0.8522	AMZN EBAY DECK LOW RL
5	0.8517	EBAY DECK LOW RL SBUX
5	0.8514	AMZN EBAY DECK SBUX TSLA
5	0.8510	EBAY DECK DRI LOW RL
5	0.8500	AMZN EBAY DRI RL TSLA
5	0.8497	AMZN CZR DECK DRI TSLA
5	0.8488	EBAY CZR LOW RL TSLA
5	0.8459	AMZN EBAY RL SBUX TSLA
5	0.8411	EBAY DRI LOW RL SBUX
5	0.8258	AMZN EBAY DRI SBUX TSLA
5	0.8217	EBAY DRI RL SBUX TSLA
5	0.8053	AMZN DECK RL SBUX TSLA
5	0.8052	DECK DRI RL SBUX TSLA
5	0.8049	AMZN DECK DRI RL TSLA
5	0.8039	AMZN EBAY DECK RL SBUX
5	0.8037	AMZN EBAY DECK DRI RL
5	0.8035	AMZN DRI RL SBUX TSLA
5	0.7994	AMZN CZR DRI SBUX TSLA
5	0.7980	AMZN EBAY DRI RL SBUX
5	0.7970	AMZN EBAY DECK DRI SBUX
5	0.7789	EBAY CZR LOW SBUX TSLA
5	0.7783	EBAY CZR DRI LOW SBUX
5	0.7748	EBAY DRI LOW SBUX TSLA
5	0.7714	CZR DRI LOW SBUX TSLA
5	0.7665	AMZN DECK DRI SBUX TSLA
5	0.7612	AMZN DECK DRI RL SBUX
5	0.7547	EBAY DECK DRI RL SBUX
5	0.7536	EBAY CZR DRI LOW TSLA
5	0.6533	EBAY CZR DRI SBUX TSLA
6	0.9168	EBAY CZR DECK DRI RL TSLA
6	0.9153	EBAY CZR DECK DRI RL SBUX
6	0.9150	EBAY CZR DECK DRI LOW TSLA
6	0.9125	CZR DECK DRI LOW RL TSLA
6	0.9122	EBAY CZR DECK DRI SBUX TSLA
6	0.9103	EBAY CZR DECK DRI LOW SBUX
6	0.9098	CZR DECK DRI LOW RL SBUX
6	0.9094	AMZN CZR DECK DRI LOW TSLA
6	0.9084	AMZN EBAY CZR DECK DRI TSLA
6	0.9073	AMZN EBAY CZR DECK DRI SBUX
6	0.9067	CZR DECK DRI LOW SBUX TSLA
6	0.9066	AMZN EBAY CZR DECK DRI RL
6	0.9055	EBAY CZR DECK DRI LOW RL
6	0.9037	AMZN CZR DECK DRI LOW SBUX
6	0.9027	AMZN CZR DECK DRI LOW RL
6	0.9020	EBAY CZR DECK RL SBUX TSLA
6	0.9019	AMZN EBAY CZR DECK DRI LOW
6	0.9013	AMZN EBAY CZR DRI RL SBUX
6	0.9012	AMZN EBAY CZR DECK SBUX TSLA
6	0.9006	EBAY CZR DECK LOW SBUX TSLA
6	0.9003	AMZN EBAY DECK DRI LOW TSLA
6	0.9002	AMZN EBAY CZR DRI LOW RL
6	0.9000	AMZN EBAY CZR DRI RL TSLA
6	0.8996	AMZN DECK DRI LOW RL TSLA
6	0.8990	EBAY DECK DRI LOW RL TSLA
6	0.8988	EBAY CZR DECK LOW RL SBUX

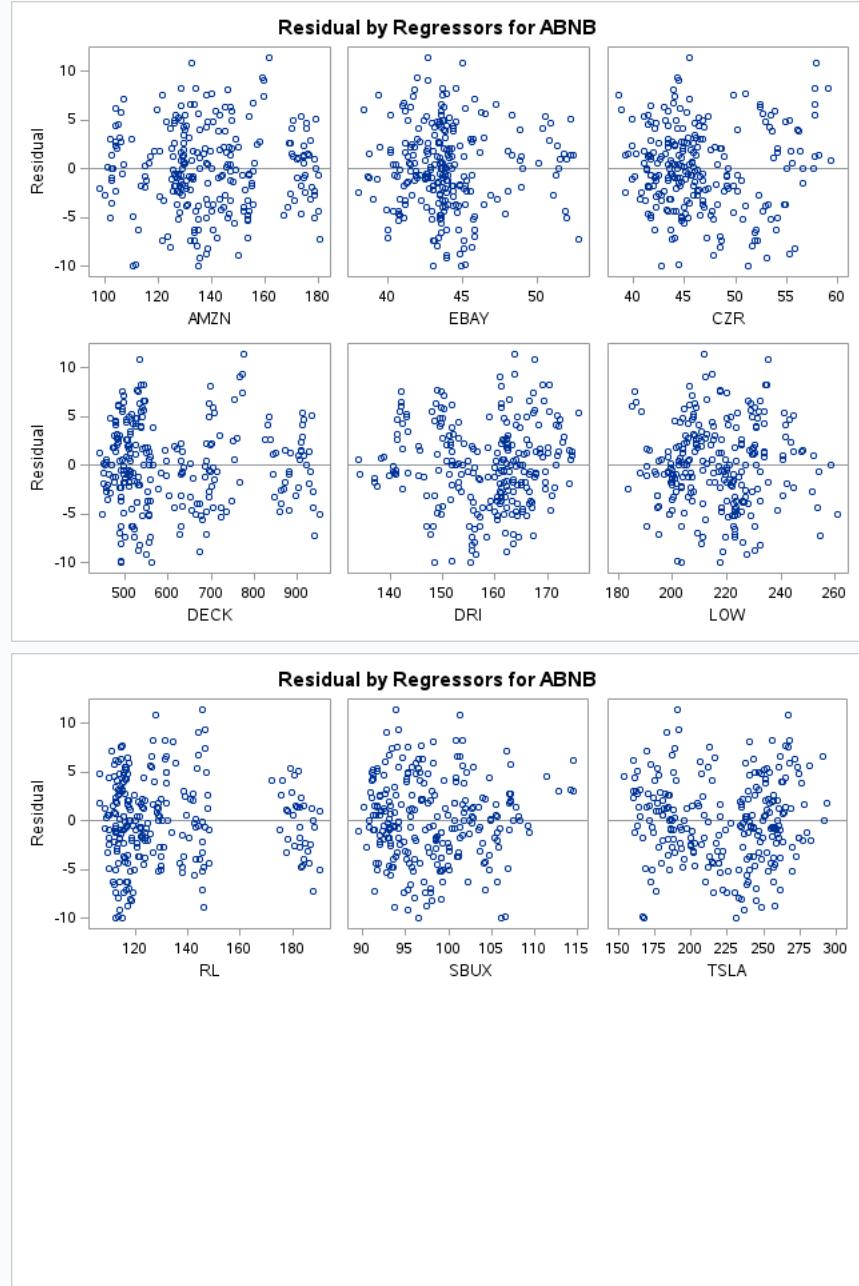
Number in Model	R-Square	Variables in Model
6	0.8988	AMZN DECK DRI LOW SBUX TSLA
6	0.8986	AMZN EBAY CZR DECK RL SBUX
6	0.8981	EBAY DECK DRI LOW SBUX TSLA
6	0.8978	AMZN CZR DECK LOW SBUX TSLA
6	0.8975	AMZN CZR DRI LOW RL SBUX
6	0.8971	DECK DRI LOW RL SBUX TSLA
6	0.8971	AMZN CZR DRI LOW RL TSLA
6	0.8967	AMZN EBAY CZR DECK LOW SBUX
6	0.8966	AMZN CZR DECK DRI RL SBUX
6	0.8960	CZR DECK DRI RL SBUX TSLA
6	0.8959	CZR DECK LOW RL SBUX TSLA
6	0.8940	AMZN CZR DECK LOW RL SBUX
6	0.8922	EBAY CZR DECK LOW RL TSLA
6	0.8913	AMZN EBAY CZR DECK LOW TSLA
6	0.8897	AMZN EBAY CZR DECK RL TSLA
6	0.8885	AMZN CZR DECK DRI RL TSLA
6	0.8874	AMZN CZR DECK LOW RL TSLA
6	0.8874	AMZN CZR DECK RL SBUX TSLA
6	0.8857	AMZN EBAY DECK LOW SBUX TSLA
6	0.8857	AMZN EBAY CZR LOW RL SBUX
6	0.8855	AMZN EBAY CZR RL SBUX TSLA
6	0.8847	AMZN DECK LOW RL SBUX TSLA
6	0.8842	AMZN CZR DRI RL SBUX TSLA
6	0.8841	EBAY DECK LOW RL SBUX TSLA
6	0.8838	CZR DRI LOW RL SBUX TSLA
6	0.8837	AMZN EBAY DRI LOW RL TSLA
6	0.8830	AMZN DRI LOW RL SBUX TSLA
6	0.8824	AMZN EBAY DECK LOW RL TSLA
6	0.8820	AMZN CZR LOW RL SBUX TSLA
6	0.8810	EBAY CZR DRI LOW RL SBUX
6	0.8807	AMZN EBAY CZR DECK LOW RL
6	0.8792	AMZN EBAY CZR LOW RL TSLA
6	0.8788	EBAY CZR DRI RL SBUX TSLA
6	0.8750	EBAY CZR DRI LOW RL TSLA
6	0.8728	AMZN EBAY CZR DRI LOW SBUX
6	0.8726	AMZN EBAY CZR DRI LOW TSLA
6	0.8705	AMZN EBAY LOW RL SBUX TSLA
6	0.8702	AMZN CZR DECK DRI SBUX TSLA
6	0.8694	EBAY CZR LOW RL SBUX TSLA
6	0.8680	EBAY DRI LOW RL SBUX TSLA
6	0.8669	AMZN EBAY DRI LOW SBUX TSLA
6	0.8662	AMZN CZR DRI LOW SBUX TSLA
6	0.8659	AMZN EBAY CZR LOW SBUX TSLA
6	0.8643	AMZN DECK DRI LOW RL SBUX
6	0.8639	AMZN EBAY DRI LOW RL SBUX
6	0.8638	AMZN EBAY DECK DRI LOW SBUX
6	0.8637	AMZN EBAY DECK DRI LOW RL
6	0.8610	AMZN EBAY CZR DRI SBUX TSLA
6	0.8589	AMZN EBAY DECK DRI RL TSLA
6	0.8587	EBAY DECK DRI RL SBUX TSLA
6	0.8580	EBAY DECK DRI LOW RL SBUX
6	0.8565	AMZN EBAY DECK LOW RL SBUX
6	0.8544	AMZN EBAY DECK RL SBUX TSLA
6	0.8539	AMZN EBAY DECK DRI SBUX TSLA
6	0.8505	AMZN EBAY DRI RL SBUX TSLA
6	0.8053	AMZN DECK DRI RL SBUX TSLA
6	0.8040	AMZN EBAY DECK DRI RL SBUX
6	0.7793	EBAY CZR DRI LOW SBUX TSLA
7	0.9204	EBAY CZR DECK DRI RL SBUX TSLA
7	0.9201	EBAY CZR DECK DRI LOW RL TSLA
7	0.9169	AMZN EBAY CZR DECK DRI RL TSLA
7	0.9168	EBAY CZR DECK DRI LOW SBUX TSLA
7	0.9167	AMZN EBAY CZR DECK DRI LOW TSLA
7	0.9162	EBAY CZR DECK DRI LOW RL SBUX
7	0.9153	AMZN EBAY CZR DECK DRI RL SBUX
7	0.9149	AMZN EBAY CZR DECK DRI SBUX TSLA
7	0.9145	AMZN CZR DECK DRI LOW RL TSLA
7	0.9140	CZR DECK DRI LOW RL SBUX TSLA
7	0.9132	AMZN CZR DECK DRI LOW SBUX TSLA
7	0.9106	AMZN EBAY CZR DECK DRI LOW SBUX
7	0.9103	AMZN CZR DECK DRI LOW RL SBUX
7	0.9086	AMZN EBAY CZR DECK DRI LOW RL
7	0.9036	AMZN EBAY CZR DECK RL SBUX TSLA
7	0.9034	AMZN EBAY CZR DECK LOW SBUX TSLA

Number in Model	R-Square	Variables in Model
7	0.9025	EBAY CZR DECK LOW RL SBUX TSLA
7	0.9025	AMZN EBAY CZR DRI LOW RL SBUX
7	0.9022	AMZN EBAY CZR DRI LOW RL TSLA
7	0.9017	AMZN EBAY CZR DRI RL SBUX TSLA
7	0.9009	AMZN EBAY DECK DRI LOW RL TSLA
7	0.9004	AMZN EBAY DECK DRI LOW SBUX TSLA
7	0.8996	AMZN DECK DRI LOW RL SBUX TSLA
7	0.8995	AMZN CZR DECK LOW RL SBUX TSLA
7	0.8992	EBAY DECK DRI LOW RL SBUX TSLA
7	0.8989	AMZN EBAY CZR DECK LOW RL SBUX
7	0.8989	AMZN CZR DECK DRI RL SBUX TSLA
7	0.8982	AMZN CZR DRI LOW RL SBUX TSLA
7	0.8922	AMZN EBAY CZR DECK LOW RL TSLA
7	0.8860	AMZN EBAY CZR LOW RL SBUX TSLA
7	0.8857	AMZN EBAY DECK LOW RL SBUX TSLA
7	0.8840	AMZN EBAY DRI LOW RL SBUX TSLA
7	0.8839	EBAY CZR DRI LOW RL SBUX TSLA
7	0.8728	AMZN EBAY CZR DRI LOW SBUX TSLA
7	0.8644	AMZN EBAY DECK DRI LOW RL SBUX
7	0.8590	AMZN EBAY DECK DRI RL SBUX TSLA
8	0.9221	EBAY CZR DECK DRI LOW RL SBUX TSLA
8	0.9219	AMZN EBAY CZR DECK DRI RL SBUX TSLA
8	0.9208	AMZN EBAY CZR DECK DRI LOW RL TSLA
8	0.9205	AMZN EBAY CZR DECK DRI LOW SBUX TSLA
8	0.9180	AMZN CZR DECK DRI LOW RL SBUX TSLA
8	0.9163	AMZN EBAY CZR DECK DRI LOW RL SBUX
8	0.9046	AMZN EBAY CZR DECK LOW RL SBUX TSLA
8	0.9032	AMZN EBAY CZR DRI LOW RL SBUX TSLA
8	0.9009	AMZN EBAY DECK DRI LOW RL SBUX TSLA
9	0.9243	AMZN EBAY CZR DECK DRI LOW RL SBUX TSLA

Model Evaluation with R-Square

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB





Model Evaluation with Adjusted R-Square

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB

Adjusted R-Square Selection Method

Number of Observations Read	249
Number of Observations Used	249

Number in Model	Adjusted R-Square	R-Square	Variables in Model
9	0.9215	0.9243	AMZN EBAY CZR DECK DRI LOW RL SBUX TSLA
8	0.9195	0.9221	EBAY CZR DECK DRI LOW RL SBUX TSLA
8	0.9193	0.9219	AMZN EBAY CZR DECK DRI RL SBUX TSLA
8	0.9182	0.9208	AMZN EBAY CZR DECK DRI LOW RL TSLA
7	0.9181	0.9204	EBAY CZR DECK DRI RL SBUX TSLA
8	0.9178	0.9205	AMZN EBAY CZR DECK DRI LOW SBUX TSLA
7	0.9178	0.9201	EBAY CZR DECK DRI LOW RL TSLA
8	0.9153	0.9180	AMZN CZR DECK DRI LOW RL SBUX TSLA
6	0.9147	0.9168	EBAY CZR DECK DRI RL TSLA
7	0.9145	0.9169	AMZN EBAY CZR DECK DRI RL TSLA
7	0.9143	0.9168	EBAY CZR DECK DRI LOW SBUX TSLA

Number in Model	Adjusted R-Square	R-Square	Variables in Model
7	0.9142	0.9167	AMZN EBAY CZR DECK DRI LOW TSLA
7	0.9138	0.9162	EBAY CZR DECK DRI LOW RL SBUX
8	0.9135	0.9163	AMZN EBAY CZR DECK DRI LOW RL SBUX
6	0.9132	0.9153	EBAY CZR DECK DRI RL SBUX
6	0.9129	0.9150	EBAY CZR DECK DRI LOW TSLA
7	0.9129	0.9153	AMZN EBAY CZR DECK DRI RL SBUX
7	0.9124	0.9149	AMZN EBAY CZR DECK DRI SBUX TSLA
7	0.9120	0.9145	AMZN CZR DECK DRI LOW RL TSLA
7	0.9115	0.9140	CZR DECK DRI LOW RL SBUX TSLA
7	0.9107	0.9132	AMZN CZR DECK DRI LOW SBUX TSLA
6	0.9104	0.9125	CZR DECK DRI LOW RL TSLA
6	0.9100	0.9122	EBAY CZR DECK DRI SBUX TSLA
6	0.9081	0.9103	EBAY CZR DECK DRI LOW SBUX
7	0.9080	0.9106	AMZN EBAY CZR DECK DRI LOW SBUX
7	0.9077	0.9103	AMZN CZR DECK DRI LOW RL SBUX
6	0.9075	0.9098	CZR DECK DRI LOW RL SBUX
6	0.9071	0.9094	AMZN CZR DECK DRI LOW TSLA
6	0.9062	0.9084	AMZN EBAY CZR DECK DRI TSLA
5	0.9061	0.9080	EBAY CZR DECK DRI TSLA
7	0.9060	0.9086	AMZN EBAY CZR DECK DRI LOW RL
5	0.9051	0.9070	EBAY CZR DECK DRI SBUX
6	0.9050	0.9073	AMZN EBAY CZR DECK DRI SBUX
6	0.9044	0.9067	CZR DECK DRI LOW SBUX TSLA
6	0.9043	0.9066	AMZN EBAY CZR DECK DRI RL
5	0.9036	0.9055	CZR DECK DRI LOW TSLA
6	0.9031	0.9055	EBAY CZR DECK DRI LOW RL
8	0.9014	0.9046	AMZN EBAY CZR DECK LOW RL SBUX TSLA
6	0.9013	0.9037	AMZN CZR DECK DRI LOW SBUX
7	0.9008	0.9036	AMZN EBAY CZR DECK RL SBUX TSLA
7	0.9006	0.9034	AMZN EBAY CZR DECK LOW SBUX TSLA
6	0.9003	0.9027	AMZN CZR DECK DRI LOW RL
5	0.9001	0.9021	CZR DECK DRI LOW SBUX
8	0.9000	0.9032	AMZN EBAY CZR DRI LOW RL SBUX TSLA
5	0.8999	0.9019	EBAY CZR DECK DRI RL
7	0.8997	0.9025	EBAY CZR DECK LOW RL SBUX TSLA
7	0.8996	0.9025	AMZN EBAY CZR DRI LOW RL SBUX
6	0.8996	0.9020	EBAY CZR DECK RL SBUX TSLA
6	0.8995	0.9019	AMZN EBAY CZR DECK DRI LOW
5	0.8994	0.9015	CZR DECK DRI LOW RL
7	0.8993	0.9022	AMZN EBAY CZR DRI LOW RL TSLA
6	0.8989	0.9013	AMZN EBAY CZR DRI RL SBUX
7	0.8988	0.9017	AMZN EBAY CZR DRI RL SBUX TSLA
6	0.8988	0.9012	AMZN EBAY CZR DECK SBUX TSLA
6	0.8981	0.9006	EBAY CZR DECK LOW SBUX TSLA
7	0.8980	0.9009	AMZN EBAY DECK DRI LOW RL TSLA
5	0.8978	0.8999	EBAY CZR DECK DRI LOW
6	0.8978	0.9003	AMZN EBAY DECK DRI LOW TSLA
6	0.8977	0.9002	AMZN EBAY CZR DRI LOW RL
8	0.8976	0.9009	AMZN EBAY DECK DRI LOW RL SBUX TSLA
7	0.8975	0.9004	AMZN EBAY DECK DRI LOW SBUX TSLA
6	0.8975	0.9000	AMZN EBAY CZR DRI RL TSLA
6	0.8971	0.8996	AMZN DECK DRI LOW RL TSLA
5	0.8967	0.8988	EBAY CZR DECK SBUX TSLA
7	0.8967	0.8996	AMZN DECK DRI LOW RL SBUX TSLA
7	0.8966	0.8995	AMZN CZR DECK LOW RL SBUX TSLA
6	0.8965	0.8990	EBAY DECK DRI LOW RL TSLA
5	0.8965	0.8986	AMZN DECK DRI LOW TSLA
5	0.8964	0.8985	EBAY CZR DECK RL SBUX
5	0.8964	0.8985	AMZN EBAY CZR DRI RL
7	0.8963	0.8992	EBAY DECK DRI LOW RL SBUX TSLA
6	0.8962	0.8988	EBAY CZR DECK LOW RL SBUX
6	0.8962	0.8988	AMZN DECK DRI LOW SBUX TSLA
6	0.8961	0.8986	AMZN EBAY CZR DECK RL SBUX
7	0.8959	0.8989	AMZN EBAY CZR DECK LOW RL SBUX
7	0.8959	0.8989	AMZN CZR DECK DRI RL SBUX TSLA
5	0.8959	0.8980	EBAY DECK DRI LOW TSLA
6	0.8956	0.8981	EBAY DECK DRI LOW SBUX TSLA
6	0.8953	0.8978	AMZN CZR DECK LOW SBUX TSLA
7	0.8952	0.8982	AMZN CZR DRI LOW RL SBUX TSLA
5	0.8949	0.8970	DECK DRI LOW RL TSLA
6	0.8949	0.8975	AMZN CZR DRI LOW RL SBUX
6	0.8946	0.8971	DECK DRI LOW RL SBUX TSLA
6	0.8945	0.8971	AMZN CZR DRI LOW RL TSLA
5	0.8942	0.8963	EBAY CZR DECK LOW SBUX

Number in Model	Adjusted R-Square	R-Square	Variables in Model
6	0.8941	0.8967	AMZN EBAY CZR DECK LOW SBUX
6	0.8941	0.8966	AMZN CZR DECK DRI RL SBUX
5	0.8939	0.8961	AMZN EBAY CZR DECK DRI
4	0.8934	0.8951	EBAY CZR DECK SBUX
6	0.8934	0.8960	CZR DECK DRI RL SBUX TSLA
4	0.8934	0.8951	DECK DRI LOW TSLA
6	0.8933	0.8959	CZR DECK LOW RL SBUX TSLA
5	0.8933	0.8954	AMZN EBAY CZR DECK SBUX
5	0.8932	0.8954	CZR DECK DRI RL SBUX
5	0.8930	0.8951	DECK DRI LOW SBUX TSLA
5	0.8929	0.8951	AMZN CZR DRI LOW RL
4	0.8928	0.8945	CZR DECK DRI LOW
5	0.8928	0.8949	AMZN CZR DECK DRI LOW
6	0.8914	0.8940	AMZN CZR DECK LOW RL SBUX
5	0.8910	0.8932	CZR DECK LOW RL SBUX
4	0.8906	0.8923	EBAY CZR DECK DRI
5	0.8904	0.8926	CZR DECK LOW SBUX TSLA
6	0.8896	0.8922	EBAY CZR DECK LOW RL TSLA
7	0.8891	0.8922	AMZN EBAY CZR DECK LOW RL TSLA
5	0.8890	0.8913	EBAY CZR DECK LOW TSLA
5	0.8889	0.8911	AMZN CZR DECK LOW SBUX
6	0.8886	0.8913	AMZN EBAY CZR DECK LOW TSLA
4	0.8878	0.8896	CZR DECK LOW SBUX
5	0.8872	0.8895	EBAY CZR DECK RL TSLA
6	0.8870	0.8897	AMZN EBAY CZR DECK RL TSLA
5	0.8860	0.8883	CZR DECK DRI RL TSLA
6	0.8857	0.8885	AMZN CZR DECK DRI RL TSLA
4	0.8850	0.8869	EBAY CZR DECK TSLA
5	0.8848	0.8871	CZR DECK LOW RL TSLA
6	0.8846	0.8874	AMZN CZR DECK LOW RL TSLA
6	0.8846	0.8874	AMZN CZR DECK RL SBUX TSLA
5	0.8846	0.8869	AMZN EBAY CZR DECK TSLA
5	0.8837	0.8860	AMZN CZR DECK LOW TSLA
4	0.8834	0.8852	CZR DECK LOW TSLA
5	0.8831	0.8855	AMZN CZR DECK RL SBUX
5	0.8830	0.8854	AMZN EBAY CZR RL SBUX
6	0.8829	0.8857	AMZN EBAY DECK LOW SBUX TSLA
6	0.8829	0.8857	AMZN EBAY CZR LOW RL SBUX
7	0.8827	0.8860	AMZN EBAY CZR LOW RL SBUX TSLA
6	0.8827	0.8855	AMZN EBAY CZR RL SBUX TSLA
7	0.8824	0.8857	AMZN EBAY DECK LOW RL SBUX TSLA
4	0.8823	0.8842	CZR DECK RL SBUX
5	0.8823	0.8846	AMZN DECK LOW SBUX TSLA
5	0.8822	0.8846	CZR DECK RL SBUX TSLA
6	0.8818	0.8847	AMZN DECK LOW RL SBUX TSLA
5	0.8818	0.8842	AMZN CZR DRI RL SBUX
5	0.8816	0.8840	EBAY DECK LOW SBUX TSLA
6	0.8814	0.8842	AMZN CZR DRI RL SBUX TSLA
6	0.8812	0.8841	EBAY DECK LOW RL SBUX TSLA
5	0.8812	0.8836	AMZN CZR DECK DRI RL
6	0.8809	0.8838	CZR DRI LOW RL SBUX TSLA
6	0.8808	0.8837	AMZN EBAY DRI LOW RL TSLA
7	0.8806	0.8840	AMZN EBAY DRI LOW RL SBUX TSLA
7	0.8805	0.8839	EBAY CZR DRI LOW RL SBUX TSLA
5	0.8804	0.8828	AMZN DRI LOW RL TSLA
6	0.8801	0.8830	AMZN DRI LOW RL SBUX TSLA
4	0.8800	0.8820	EBAY DECK LOW TSLA
4	0.8800	0.8819	DECK LOW SBUX TSLA
4	0.8799	0.8819	CZR DECK DRI RL
5	0.8799	0.8823	DECK LOW RL SBUX TSLA
5	0.8799	0.8823	AMZN EBAY DECK LOW TSLA
5	0.8796	0.8821	EBAY DECK LOW RL TSLA
6	0.8794	0.8824	AMZN EBAY DECK LOW RL TSLA
5	0.8793	0.8817	AMZN CZR LOW RL SBUX
6	0.8790	0.8820	AMZN CZR LOW RL SBUX TSLA
4	0.8786	0.8806	AMZN DECK LOW TSLA
5	0.8786	0.8810	CZR DRI LOW RL SBUX
5	0.8783	0.8807	AMZN DECK LOW RL TSLA
3	0.8782	0.8797	DECK LOW TSLA
4	0.8782	0.8801	DECK LOW RL TSLA
6	0.8781	0.8810	EBAY CZR DRI LOW RL SBUX
6	0.8777	0.8807	AMZN EBAY CZR DECK LOW RL
5	0.8771	0.8796	AMZN EBAY CZR DECK RL
5	0.8762	0.8787	AMZN CZR DRI RL TSLA

Number in Model	Adjusted R-Square	R-Square	Variables in Model
6	0.8762	0.8792	AMZN EBAY CZR LOW RL TSLA
4	0.8762	0.8782	AMZN CZR DRI RL
5	0.8759	0.8784	AMZN EBAY CZR DECK LOW
6	0.8758	0.8788	EBAY CZR DRI RL SBUX TSLA
5	0.8752	0.8777	AMZN EBAY CZR RL TSLA
5	0.8745	0.8771	EBAY CZR DRI RL SBUX
5	0.8737	0.8762	AMZN CZR DECK LOW RL
5	0.8737	0.8762	AMZN EBAY CZR LOW RL
4	0.8735	0.8755	AMZN EBAY CZR DECK
4	0.8732	0.8752	AMZN EBAY CZR RL
5	0.8726	0.8752	AMZN CZR LOW RL TSLA
5	0.8723	0.8749	CZR DRI LOW RL TSLA
6	0.8719	0.8750	EBAY CZR DRI LOW RL TSLA
4	0.8713	0.8734	AMZN CZR RL SBUX
4	0.8712	0.8733	AMZN CZR DECK LOW
5	0.8709	0.8735	AMZN CZR RL SBUX TSLA
4	0.8705	0.8726	CZR DRI RL SBUX
5	0.8704	0.8730	CZR DRI RL SBUX TSLA
5	0.8703	0.8729	EBAY CZR DECK LOW RL
4	0.8701	0.8722	AMZN CZR LOW RL
5	0.8699	0.8725	AMZN EBAY CZR DRI LOW
4	0.8698	0.8719	EBAY CZR DECK LOW
6	0.8697	0.8728	AMZN EBAY CZR DRI LOW SBUX
6	0.8694	0.8726	AMZN EBAY CZR DRI LOW TSLA
7	0.8691	0.8728	AMZN EBAY CZR DRI LOW SBUX TSLA
4	0.8691	0.8712	CZR DECK LOW RL
3	0.8680	0.8696	CZR DECK LOW
4	0.8679	0.8700	EBAY CZR DECK RL
6	0.8673	0.8705	AMZN EBAY LOW RL SBUX TSLA
5	0.8670	0.8696	AMZN LOW RL SBUX TSLA
6	0.8669	0.8702	AMZN CZR DECK DRI SBUX TSLA
5	0.8667	0.8694	CZR LOW RL SBUX TSLA
5	0.8667	0.8694	AMZN EBAY LOW RL TSLA
4	0.8663	0.8685	CZR DECK RL TSLA
6	0.8662	0.8694	EBAY CZR LOW RL SBUX TSLA
4	0.8661	0.8682	AMZN LOW RL TSLA
5	0.8658	0.8685	AMZN CZR DECK RL TSLA
5	0.8658	0.8685	AMZN CZR DECK DRI SBUX
5	0.8657	0.8684	AMZN CZR DECK SBUX TSLA
3	0.8656	0.8673	EBAY CZR DECK
4	0.8655	0.8677	CZR LOW RL SBUX
5	0.8650	0.8677	EBAY CZR LOW RL SBUX
6	0.8647	0.8680	EBAY DRI LOW RL SBUX TSLA
4	0.8646	0.8668	AMZN CZR DECK SBUX
5	0.8645	0.8672	DRI LOW RL SBUX TSLA
5	0.8641	0.8668	AMZN EBAY DRI LOW TSLA
5	0.8638	0.8665	EBAY CZR RL SBUX TSLA
4	0.8637	0.8659	AMZN CZR DRI LOW
6	0.8636	0.8669	AMZN EBAY DRI LOW SBUX TSLA
5	0.8634	0.8662	AMZN CZR DRI LOW SBUX
4	0.8632	0.8654	EBAY CZR RL SBUX
5	0.8632	0.8659	EBAY DRI LOW RL TSLA
5	0.8631	0.8659	AMZN CZR DRI LOW TSLA
5	0.8631	0.8658	AMZN EBAY CZR LOW SBUX
6	0.8629	0.8662	AMZN CZR DRI LOW SBUX TSLA
4	0.8627	0.8649	DRI LOW RL TSLA
6	0.8625	0.8650	AMZN EBAY CZR LOW SBUX TSLA
4	0.8613	0.8635	AMZN DRI LOW TSLA
4	0.8612	0.8634	AMZN DRI LOW RL
3	0.8611	0.8627	CZR RL SBUX
5	0.8610	0.8638	AMZN DRI LOW RL SBUX
6	0.8610	0.8643	AMZN DECK DRI LOW RL SBUX
5	0.8610	0.8638	AMZN DECK DRI LOW SBUX
4	0.8609	0.8631	AMZN CZR DECK RL
5	0.8608	0.8636	AMZN DECK DRI LOW RL
4	0.8608	0.8631	CZR RL SBUX TSLA
5	0.8607	0.8635	AMZN DRI LOW SBUX TSLA
5	0.8606	0.8634	AMZN EBAY DRI LOW RL
4	0.8606	0.8628	AMZN DECK DRI LOW
6	0.8605	0.8639	AMZN EBAY DRI LOW RL SBUX
7	0.8604	0.8644	AMZN EBAY DECK DRI LOW RL SBUX
6	0.8604	0.8638	AMZN EBAY DECK DRI LOW SBUX
4	0.8603	0.8625	AMZN EBAY CZR LOW
6	0.8603	0.8637	AMZN EBAY DECK DRI LOW RL

Number in Model	Adjusted R-Square	R-Square	Variables in Model
5	0.8602	0.8631	AMZN EBAY CZR LOW TSLA
5	0.8601	0.8629	EBAY CZR DRI RL TSLA
5	0.8600	0.8628	AMZN EBAY DECK DRI LOW
4	0.8591	0.8614	AMZN CZR RL TSLA
4	0.8591	0.8614	CZR DECK DRI SBUX
3	0.8587	0.8604	CZR DECK SBUX
5	0.8586	0.8614	CZR DECK DRI SBUX TSLA
3	0.8585	0.8602	AMZN CZR RL
4	0.8581	0.8604	CZR DECK SBUX TSLA
4	0.8579	0.8602	AMZN CZR LOW SBUX
6	0.8576	0.8610	AMZN EBAY CZR DRI SBUX TSLA
4	0.8574	0.8597	AMZN EBAY DRI LOW
5	0.8573	0.8602	AMZN CZR LOW SBUX TSLA
3	0.8573	0.8590	AMZN DRI LOW
5	0.8571	0.8600	EBAY CZR DRI LOW RL
5	0.8571	0.8600	AMZN EBAY CZR DRI SBUX
5	0.8571	0.8599	AMZN EBAY LOW SBUX TSLA
5	0.8570	0.8599	AMZN EBAY DRI LOW SBUX
4	0.8569	0.8592	AMZN EBAY LOW TSLA
4	0.8569	0.8592	AMZN DRI LOW SBUX
4	0.8569	0.8592	AMZN EBAY CZR DRI
5	0.8567	0.8596	AMZN EBAY CZR DRI TSLA
3	0.8562	0.8579	CZR DECK RL
4	0.8561	0.8585	CZR DRI LOW RL
5	0.8558	0.8587	EBAY DECK DRI RL TSLA
6	0.8554	0.8589	AMZN EBAY DECK DRI RL TSLA
3	0.8554	0.8571	AMZN CZR LOW
4	0.8552	0.8576	AMZN CZR LOW TSLA
6	0.8552	0.8587	EBAY DECK DRI RL SBUX TSLA
5	0.8551	0.8580	EBAY DECK DRI LOW SBUX
4	0.8549	0.8572	AMZN LOW SBUX TSLA
7	0.8549	0.8590	AMZN EBAY DECK DRI RL SBUX TSLA
5	0.8548	0.8578	AMZN EBAY CZR SBUX TSLA
6	0.8545	0.8580	EBAY DECK DRI LOW RL SBUX
4	0.8545	0.8569	AMZN EBAY CZR SBUX
3	0.8544	0.8562	AMZN LOW TSLA
4	0.8541	0.8565	AMZN DECK LOW SBUX
4	0.8539	0.8563	DECK DRI LOW SBUX
4	0.8539	0.8562	CZR DRI RL TSLA
5	0.8536	0.8565	AMZN DECK LOW RL SBUX
5	0.8535	0.8565	AMZN EBAY DECK LOW SBUX
5	0.8535	0.8564	EBAY LOW RL SBUX TSLA
5	0.8534	0.8564	DECK DRI LOW RL SBUX
4	0.8534	0.8558	LOW RL SBUX TSLA
4	0.8533	0.8557	AMZN LOW RL SBUX
6	0.8530	0.8565	AMZN EBAY DECK LOW RL SBUX
5	0.8527	0.8557	AMZN EBAY LOW RL SBUX
3	0.8520	0.8538	AMZN EBAY CZR
4	0.8515	0.8539	EBAY DECK DRI TSLA
3	0.8514	0.8532	AMZN LOW SBUX
4	0.8514	0.8531	AMZN EBAY CZR TSLA
5	0.8513	0.8543	EBAY DECK RL SBUX TSLA
4	0.8512	0.8536	AMZN EBAY LOW SBUX
4	0.8510	0.8534	EBAY DECK RL TSLA
5	0.8509	0.8539	AMZN EBAY DECK DRI TSLA
5	0.8509	0.8539	EBAY DECK DRI SBUX TSLA
5	0.8509	0.8531	AMZN EBAY DECK RL TSLA
6	0.8508	0.8544	AMZN EBAY DECK RL SBUX TSLA
6	0.8503	0.8539	AMZN EBAY DECK DRI SBUX TSLA
3	0.8502	0.8520	AMZN LOW RL
3	0.8501	0.8519	AMZN DECK LOW
4	0.8497	0.8522	AMZN DECK LOW RL
4	0.8496	0.8521	AMZN EBAY LOW RL
4	0.8496	0.8520	AMZN EBAY DECK LOW
2	0.8493	0.8505	AMZN LOW
4	0.8492	0.8516	EBAY DECK LOW SBUX
5	0.8491	0.8522	AMZN EBAY DECK LOW RL
3	0.8491	0.8510	AMZN EBAY LOW
4	0.8489	0.8514	EBAY DECK SBUX TSLA
3	0.8488	0.8506	EBAY DECK TSLA
5	0.8487	0.8517	EBAY DECK LOW RL SBUX
4	0.8486	0.8510	EBAY DECK DRI LOW
5	0.8483	0.8514	AMZN EBAY DECK SBUX TSLA
4	0.8483	0.8508	AMZN EBAY DECK TSLA

Number in Model	Adjusted R-Square	R-Square	Variables in Model
3	0.8482	0.8500	DECK LOW SBUX
4	0.8480	0.8505	DECK LOW RL SBUX
5	0.8480	0.8510	EBAY DECK DRI LOW RL
5	0.8469	0.8500	AMZN EBAY DRI RL TSLA
6	0.8468	0.8505	AMZN EBAY DRI RL SBUX TSLA
5	0.8467	0.8497	AMZN CZR DECK DRI TSLA
3	0.8460	0.8479	DECK DRI LOW
4	0.8457	0.8482	CZR LOW RL TSLA
5	0.8456	0.8488	EBAY CZR LOW RL TSLA
4	0.8456	0.8481	DECK DRI LOW RL
4	0.8455	0.8480	CZR DECK DRI TSLA
4	0.8449	0.8474	EBAY CZR DRI RL
4	0.8437	0.8463	EBAY LOW RL TSLA
4	0.8433	0.8459	AMZN EBAY RL TSLA
3	0.8433	0.8452	CZR DRI RL
3	0.8431	0.8450	LOW RL TSLA
5	0.8428	0.8459	AMZN EBAY RL SBUX TSLA
3	0.8427	0.8446	CZR DECK DRI
4	0.8421	0.8446	AMZN CZR DECK DRI
4	0.8417	0.8443	AMZN CZR DECK TSLA
3	0.8416	0.8435	CZR DECK TSLA
5	0.8378	0.8411	EBAY DRI LOW RL SBUX
3	0.8369	0.8389	AMZN CZR DECK
2	0.8367	0.8380	CZR DECK
4	0.8353	0.8380	EBAY CZR RL TSLA
3	0.8342	0.8362	EBAY DECK LOW
4	0.8338	0.8365	EBAY DECK LOW RL
4	0.8328	0.8355	EBAY LOW RL SBUX
3	0.8325	0.8346	CZR RL TSLA
3	0.8317	0.8337	DECK LOW RL
2	0.8310	0.8324	DECK LOW
4	0.8304	0.8332	DRI LOW RL SBUX
3	0.8266	0.8287	LOW RL SBUX
4	0.8264	0.8292	EBAY CZR LOW RL
4	0.8245	0.8273	EBAY DRI LOW RL
3	0.8233	0.8255	CZR LOW RL
3	0.8233	0.8254	AMZN EBAY TSLA
4	0.8227	0.8255	AMZN EBAY DRI TSLA
4	0.8226	0.8255	AMZN EBAY SBUX TSLA
5	0.8222	0.8258	AMZN EBAY DRI SBUX TSLA
5	0.8180	0.8217	EBAY DRI RL SBUX TSLA
4	0.8168	0.8198	EBAY RL SBUX TSLA
2	0.8162	0.8177	CZR RL
3	0.8157	0.8179	EBAY CZR RL
4	0.8148	0.8178	EBAY DRI RL TSLA
3	0.8099	0.8122	DRI LOW RL
3	0.8094	0.8117	EBAY RL TSLA
3	0.8081	0.8104	EBAY LOW RL
3	0.8022	0.8046	DECK RL TSLA
4	0.8020	0.8052	DECK RL SBUX TSLA
4	0.8017	0.8049	AMZN DECK RL TSLA
4	0.8015	0.8047	DECK DRI RL TSLA
5	0.8013	0.8053	AMZN DECK RL SBUX TSLA
5	0.8012	0.8052	DECK DRI RL SBUX TSLA
3	0.8010	0.8034	AMZN RL TSLA
5	0.8009	0.8049	AMZN DECK DRI RL TSLA
6	0.8004	0.8053	AMZN DECK DRI RL SBUX TSLA
4	0.8003	0.8035	AMZN RL SBUX TSLA
4	0.8002	0.8034	AMZN EBAY DECK RL
4	0.8002	0.8034	AMZN DRI RL TSLA
5	0.7999	0.8039	AMZN EBAY DECK RL SBUX
5	0.7996	0.8037	AMZN EBAY DECK DRI RL
5	0.7995	0.8035	AMZN DRI RL SBUX TSLA
6	0.7991	0.8040	AMZN EBAY DECK DRI RL SBUX
5	0.7953	0.7994	AMZN CZR DRI SBUX TSLA
4	0.7946	0.7979	AMZN EBAY RL SBUX
5	0.7939	0.7980	AMZN EBAY DRI RL SBUX
3	0.7937	0.7962	AMZN EBAY RL
3	0.7936	0.7961	AMZN EBAY SBUX
3	0.7936	0.7961	AMZN EBAY DECK
2	0.7934	0.7950	AMZN EBAY
2	0.7934	0.7950	LOW RL
4	0.7933	0.7967	AMZN EBAY DECK SBUX
3	0.7933	0.7958	RL SBUX TSLA

Number in Model	Adjusted R-Square	R-Square	Variables in Model
4	0.7931	0.7965	AMZN CZR SBUX TSLA
4	0.7931	0.7965	AMZN EBAY DRI SBUX
4	0.7929	0.7962	AMZN EBAY DRI RL
5	0.7928	0.7970	AMZN EBAY DECK DRI SBUX
4	0.7928	0.7962	AMZN EBAY DECK DRI
3	0.7925	0.7951	AMZN EBAY DRI
4	0.7925	0.7958	DRI RL SBUX TSLA
2	0.7903	0.7920	RL TSLA
3	0.7902	0.7928	DRI RL TSLA
3	0.7854	0.7880	AMZN CZR TSLA
4	0.7852	0.7886	AMZN CZR DRI TSLA
4	0.7799	0.7835	AMZN CZR DRI SBUX
3	0.7767	0.7794	AMZN CZR DRI
5	0.7743	0.7789	EBAY CZR LOW SBUX TSLA
4	0.7740	0.7777	EBAY CZR LOW SBUX
6	0.7739	0.7793	EBAY CZR DRI LOW SBUX TSLA
5	0.7737	0.7783	EBAY CZR DRI LOW SBUX
3	0.7737	0.7764	AMZN CZR SBUX
2	0.7735	0.7753	AMZN CZR
5	0.7702	0.7748	EBAY DRI LOW SBUX TSLA
4	0.7701	0.7738	EBAY DRI LOW SBUX
4	0.7699	0.7736	EBAY LOW SBUX TSLA
3	0.7695	0.7723	EBAY LOW SBUX
5	0.7667	0.7714	CZR DRI LOW SBUX TSLA
4	0.7665	0.7703	CZR LOW SBUX TSLA
4	0.7661	0.7698	CZR DRI LOW SBUX
3	0.7657	0.7685	CZR LOW SBUX
3	0.7655	0.7683	DRI LOW SBUX
4	0.7646	0.7684	DRI LOW SBUX TSLA
2	0.7645	0.7664	LOW SBUX
3	0.7637	0.7666	LOW SBUX TSLA
5	0.7617	0.7665	AMZN DECK DRI SBUX TSLA
4	0.7615	0.7653	DECK DRI SBUX TSLA
3	0.7598	0.7627	DECK DRI TSLA
4	0.7590	0.7629	AMZN DECK DRI TSLA
5	0.7563	0.7612	AMZN DECK DRI RL SBUX
4	0.7558	0.7598	AMZN DECK DRI RL
3	0.7550	0.7580	AMZN DECK RL
4	0.7544	0.7583	AMZN DECK RL SBUX
3	0.7514	0.7544	AMZN DECK TSLA
2	0.7514	0.7534	DECK TSLA
4	0.7508	0.7549	AMZN DECK SBUX TSLA
3	0.7504	0.7534	DECK SBUX TSLA
5	0.7497	0.7547	EBAY DECK DRI RL SBUX
4	0.7489	0.7529	EBAY CZR LOW TSLA
4	0.7487	0.7527	EBAY DECK DRI SBUX
5	0.7485	0.7536	EBAY CZR DRI LOW TSLA
4	0.7455	0.7496	EBAY DECK RL SBUX
4	0.7427	0.7469	AMZN DRI RL SBUX
3	0.7423	0.7454	EBAY DECK SBUX
3	0.7369	0.7401	AMZN DRI RL
4	0.7366	0.7409	EBAY DRI RL SBUX
3	0.7347	0.7379	AMZN RL SBUX
2	0.7330	0.7351	AMZN RL
3	0.7321	0.7353	EBAY RL SBUX
3	0.7311	0.7344	CZR LOW TSLA
4	0.7304	0.7347	CZR DRI LOW TSLA
4	0.7298	0.7342	EBAY CZR DRI LOW
3	0.7294	0.7327	EBAY CZR LOW
4	0.7266	0.7310	AMZN DRI SBUX TSLA
3	0.7257	0.7291	AMZN DRI TSLA
4	0.7192	0.7237	DECK DRI RL SBUX
3	0.7183	0.7217	DRI RL SBUX
4	0.7177	0.7223	AMZN DECK DRI SBUX
3	0.7173	0.7207	AMZN DRI SBUX
3	0.7162	0.7196	EBAY DECK RL
4	0.7153	0.7199	EBAY DECK DRI RL
2	0.7139	0.7162	EBAY DECK
3	0.7137	0.7172	EBAY DECK DRI
2	0.7130	0.7153	AMZN DRI
3	0.7122	0.7157	AMZN DECK DRI
2	0.7058	0.7082	RL SBUX
3	0.7057	0.7093	DECK RL SBUX
2	0.7004	0.7028	AMZN TSLA

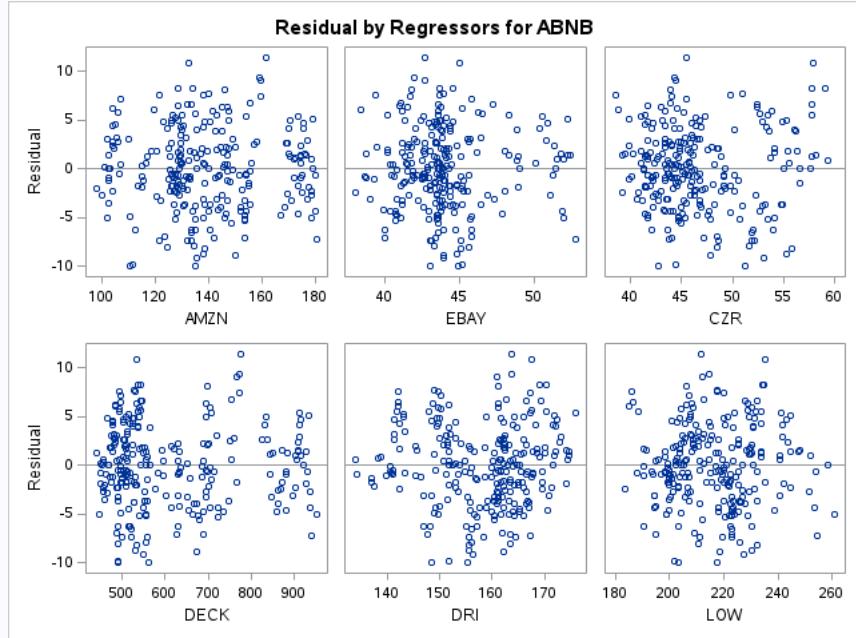
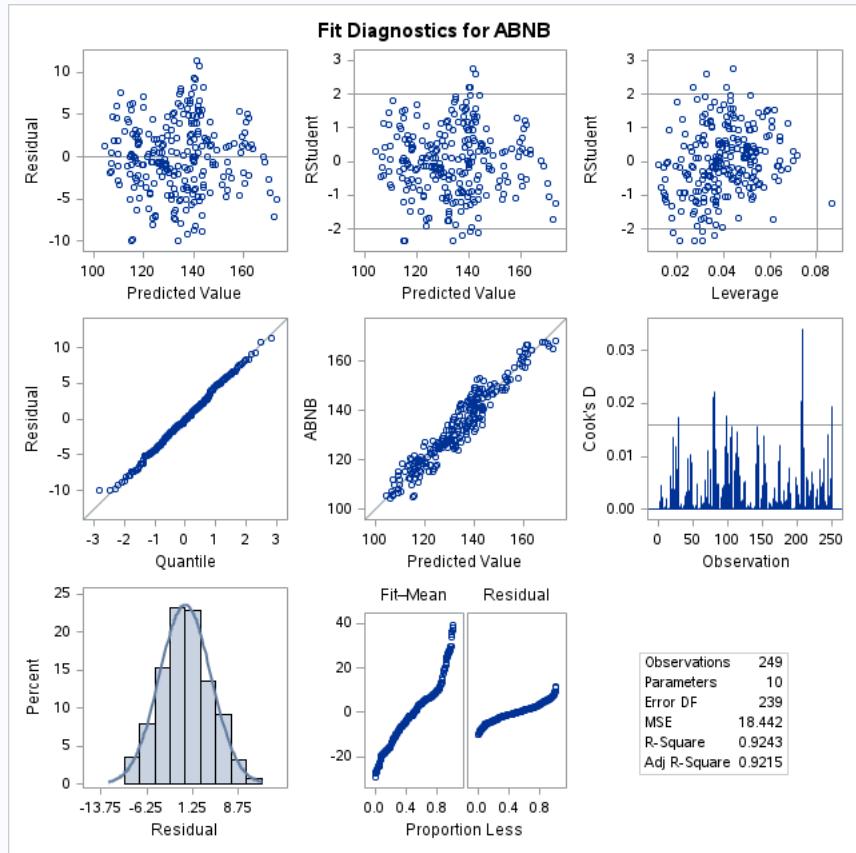
Number in Model	Adjusted R-Square	R-Square	Variables in Model
3	0.7000	0.7036	AMZN SBUX TSLA
2	0.6979	0.7003	EBAY LOW
2	0.6977	0.7002	CZR LOW
3	0.6977	0.7013	CZR DRI LOW
3	0.6976	0.7013	DECK DRI SBUX
3	0.6973	0.7010	EBAY DRI LOW
3	0.6969	0.7006	EBAY LOW TSLA
4	0.6965	0.7014	EBAY DRI LOW TSLA
2	0.6900	0.6925	AMZN DECK
2	0.6898	0.6923	EBAY RL
3	0.6892	0.6929	AMZN DECK SBUX
3	0.6886	0.6924	EBAY DRI RL
1	0.6884	0.6897	AMZN
2	0.6871	0.6897	AMZN SBUX
3	0.6838	0.6876	DECK DRI RL
2	0.6806	0.6832	DECK RL
1	0.6773	0.6786	LOW
2	0.6769	0.6795	LOW TSLA
2	0.6765	0.6791	DRI LOW
3	0.6761	0.6800	DRI LOW TSLA
2	0.6758	0.6784	DRI RL
1	0.6747	0.6760	RL
2	0.6589	0.6617	DECK DRI
2	0.6559	0.6586	DECK SBUX
5	0.6462	0.6533	EBAY CZR DRI SBUX TSLA
4	0.6434	0.6491	EBAY CZR DRI SBUX
1	0.6368	0.6382	DECK
4	0.6296	0.6356	EBAY DRI SBUX TSLA
3	0.6273	0.6318	EBAY DRI SBUX
4	0.6124	0.6187	CZR DRI SBUX TSLA
3	0.5951	0.6000	CZR DRI SBUX
2	0.5776	0.5810	DRI SBUX
3	0.5761	0.5812	DRI SBUX TSLA
4	0.5589	0.5660	EBAY CZR SBUX TSLA
3	0.5512	0.5566	EBAY CZR SBUX
3	0.5241	0.5298	EBAY SBUX TSLA
2	0.5194	0.5233	EBAY SBUX
3	0.4344	0.4413	CZR SBUX TSLA
4	0.4172	0.4266	EBAY CZR DRI TSLA
3	0.4039	0.4111	EBAY DRI TSLA
2	0.3857	0.3907	EBAY DRI
3	0.3834	0.3909	EBAY CZR DRI
2	0.3588	0.3640	CZR SBUX
3	0.3319	0.3400	CZR DRI TSLA
2	0.3304	0.3358	DRI TSLA
1	0.3245	0.3272	DRI
2	0.3221	0.3275	CZR DRI
1	0.3024	0.3052	SBUX
2	0.2997	0.3054	SBUX TSLA
3	0.2905	0.2991	EBAY CZR TSLA
2	0.2877	0.2935	EBAY TSLA
2	0.2642	0.2701	EBAY CZR
1	0.2630	0.2659	EBAY
1	0.0105	0.0145	CZR
2	0.0067	0.0147	CZR TSLA
1	0.0007	0.0048	TSLA

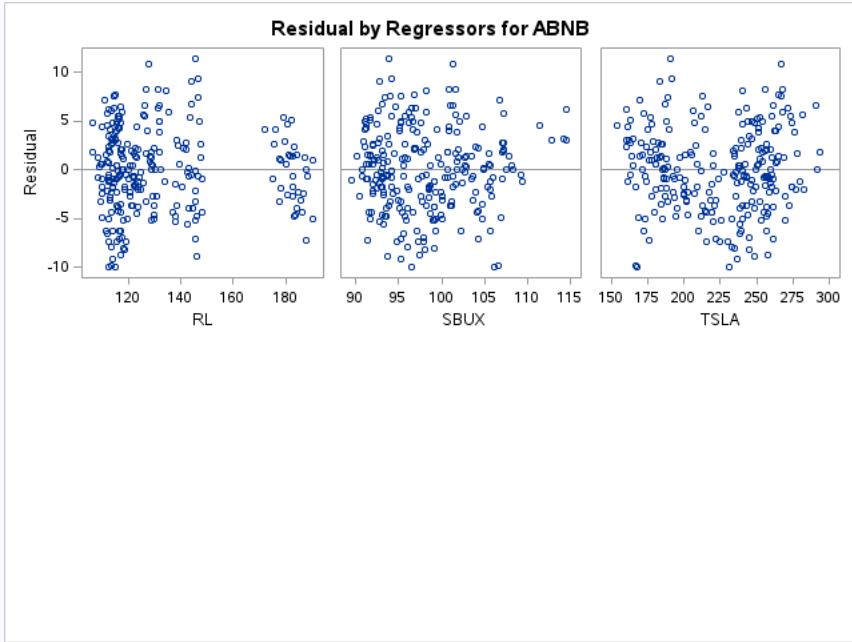
Model Evaluation with Adjusted R-Square

The REG Procedure

Model: MODEL1

Dependent Variable: ABNB ABNB





Model Evaluation with Cp Statistic

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB

C(p) Selection Method

Number of Observations Read	249
Number of Observations Used	249

Number in Model	C(p)	R-Square	Variables in Model
9	10.0000	0.9243	AMZN EBAY CZR DECK DRI LOW RL SBUX TSLA
8	14.9662	0.9221	EBAY CZR DECK DRI LOW RL SBUX TSLA
8	15.6215	0.9219	AMZN EBAY CZR DECK DRI RL SBUX TSLA
7	18.3670	0.9204	EBAY CZR DECK DRI RL SBUX TSLA
8	19.2081	0.9208	AMZN EBAY CZR DECK DRI LOW RL TSLA
7	19.4798	0.9201	EBAY CZR DECK DRI LOW RL TSLA
8	20.2474	0.9205	AMZN EBAY CZR DECK DRI LOW SBUX TSLA
6	27.7983	0.9168	EBAY CZR DECK DRI RL TSLA
8	27.8957	0.9180	AMZN CZR DECK DRI LOW RL SBUX TSLA
7	29.4961	0.9169	AMZN EBAY CZR DECK DRI RL TSLA
7	29.9517	0.9168	EBAY CZR DECK DRI LOW SBUX TSLA
7	30.2433	0.9167	AMZN EBAY CZR DECK DRI LOW TSLA
7	31.5714	0.9162	EBAY CZR DECK DRI LOW RL SBUX
6	32.5138	0.9153	EBAY CZR DECK DRI RL SBUX
8	33.4720	0.9163	AMZN EBAY CZR DECK DRI LOW RL SBUX
6	33.5290	0.9150	EBAY CZR DECK DRI LOW TSLA
7	34.4906	0.9153	AMZN EBAY CZR DECK DRI RL SBUX
7	35.7620	0.9149	AMZN EBAY CZR DECK DRI SBUX TSLA
7	37.2113	0.9145	AMZN CZR DECK DRI LOW RL TSLA
7	38.5438	0.9140	CZR DECK DRI LOW RL SBUX TSLA
7	41.0409	0.9132	AMZN CZR DECK DRI LOW SBUX TSLA
6	41.3226	0.9125	CZR DECK DRI LOW RL TSLA
6	42.3877	0.9122	EBAY CZR DECK DRI SBUX TSLA
6	48.3384	0.9103	EBAY CZR DECK DRI LOW SBUX
7	49.3374	0.9106	AMZN EBAY CZR DECK DRI LOW SBUX
6	50.0332	0.9098	CZR DECK DRI LOW RL SBUX
7	50.2185	0.9103	AMZN CZR DECK DRI LOW RL SBUX
6	51.2488	0.9094	AMZN CZR DECK DRI LOW TSLA
5	53.6035	0.9080	EBAY CZR DECK DRI TSLA
6	54.2179	0.9084	AMZN EBAY CZR DECK DRI TSLA
7	55.6302	0.9086	AMZN EBAY CZR DECK DRI LOW RL
5	56.6384	0.9070	EBAY CZR DECK DRI SBUX
6	57.9158	0.9073	AMZN EBAY CZR DECK DRI SBUX
6	59.6913	0.9067	CZR DECK DRI LOW SBUX TSLA
6	59.9660	0.9066	AMZN EBAY CZR DECK DRI RL
5	61.3593	0.9055	CZR DECK DRI LOW TSLA
6	63.6379	0.9055	EBAY CZR DECK DRI LOW RL

Number in Model	C(p)	R-Square	Variables in Model
6	69.3525	0.9037	AMZN CZR DECK DRI LOW SBUX
8	70.3445	0.9046	AMZN EBAY CZR DECK LOW RL SBUX TSLA
7	71.3905	0.9036	AMZN EBAY CZR DECK RL SBUX TSLA
7	72.0246	0.9034	AMZN EBAY CZR DECK LOW SBUX TSLA
6	72.2191	0.9027	AMZN CZR DECK DRI LOW RL
5	72.3178	0.9021	CZR DECK DRI LOW SBUX
5	72.7330	0.9019	EBAY CZR DECK DRI RL
5	74.2709	0.9015	CZR DECK DRI LOW RL
6	74.5441	0.9020	EBAY CZR DECK RL SBUX TSLA
6	74.7813	0.9019	AMZN EBAY CZR DECK DRI LOW
8	74.8171	0.9032	AMZN EBAY CZR DRI LOW RL SBUX TSLA
7	74.8318	0.9025	EBAY CZR DECK LOW RL SBUX TSLA
7	75.1166	0.9025	AMZN EBAY CZR DRI LOW RL SBUX
7	76.0932	0.9022	AMZN EBAY CZR DRI LOW RL TSLA
6	76.7607	0.9013	AMZN EBAY CZR DRI RL SBUX
6	77.0929	0.9012	AMZN EBAY CZR DECK SBUX TSLA
7	77.5404	0.9017	AMZN EBAY CZR DRI RL SBUX TSLA
6	79.1268	0.9006	EBAY CZR DECK LOW SBUX TSLA
5	79.1755	0.8999	EBAY CZR DECK DRI LOW
6	79.9153	0.9003	AMZN EBAY DECK DRI LOW TSLA
7	80.1128	0.9009	AMZN EBAY DECK DRI LOW RL TSLA
6	80.2503	0.9002	AMZN EBAY CZR DRI LOW RL
6	81.0381	0.9000	AMZN EBAY CZR DRI RL TSLA
7	81.7222	0.9004	AMZN EBAY DECK DRI LOW SBUX TSLA
8	82.0492	0.9009	AMZN EBAY DECK DRI LOW RL SBUX TSLA
6	82.2891	0.8996	AMZN DECK DRI LOW RL TSLA
5	82.5865	0.8988	EBAY CZR DECK SBUX TSLA
5	83.4605	0.8986	AMZN DECK DRI LOW TSLA
5	83.5444	0.8985	EBAY CZR DECK RL SBUX
5	83.7642	0.8985	AMZN EBAY CZR DRI RL
6	83.8988	0.8990	EBAY DECK DRI LOW RL TSLA
7	84.0342	0.8996	AMZN DECK DRI LOW RL SBUX TSLA
7	84.3988	0.8995	AMZN CZR DECK LOW RL SBUX TSLA
6	84.8106	0.8988	EBAY CZR DECK LOW RL SBUX
6	84.8277	0.8988	AMZN DECK DRI LOW SBUX TSLA
5	85.1783	0.8980	EBAY DECK DRI LOW TSLA
6	85.2555	0.8986	AMZN EBAY CZR DECK RL SBUX
7	85.4258	0.8992	EBAY DECK DRI LOW RL SBUX TSLA
7	86.4189	0.8989	AMZN EBAY CZR DECK LOW RL SBUX
7	86.4588	0.8989	AMZN CZR DECK DRI RL SBUX TSLA
6	86.8510	0.8981	EBAY DECK DRI LOW SBUX TSLA
6	87.8116	0.8978	AMZN CZR DECK LOW SBUX TSLA
5	88.2221	0.8970	DECK DRI LOW RL TSLA
7	88.5710	0.8982	AMZN CZR DRI LOW RL SBUX TSLA
6	88.8892	0.8975	AMZN CZR DRI LOW RL SBUX
6	89.9023	0.8971	DECK DRI LOW RL SBUX TSLA
6	90.0765	0.8971	AMZN CZR DRI LOW RL TSLA
5	90.4865	0.8963	EBAY CZR DECK LOW SBUX
5	91.2931	0.8961	AMZN EBAY CZR DECK DRI
6	91.3956	0.8967	AMZN EBAY CZR DECK LOW SBUX
6	91.5482	0.8966	AMZN CZR DECK DRI RL SBUX
4	92.2132	0.8951	EBAY CZR DECK SBUX
4	92.3707	0.8951	DECK DRI LOW TSLA
5	93.3125	0.8954	AMZN EBAY CZR DECK SBUX
5	93.4261	0.8954	CZR DECK DRI RL SBUX
6	93.5370	0.8960	CZR DECK DRI RL SBUX TSLA
6	93.8163	0.8959	CZR DECK LOW RL SBUX TSLA
5	94.2309	0.8951	DECK DRI LOW SBUX TSLA
4	94.2570	0.8945	CZR DECK DRI LOW
5	94.4091	0.8951	AMZN CZR DRI LOW RL
5	94.9097	0.8949	AMZN CZR DECK DRI LOW
6	99.7956	0.8940	AMZN CZR DECK LOW RL SBUX
5	100.2350	0.8932	CZR DECK LOW RL SBUX
4	101.0561	0.8923	EBAY CZR DECK DRI
5	102.1079	0.8926	CZR DECK LOW SBUX TSLA
6	105.3847	0.8922	EBAY CZR DECK LOW RL TSLA
5	106.4936	0.8913	EBAY CZR DECK LOW TSLA
5	107.0138	0.8911	AMZN CZR DECK LOW SBUX
7	107.3777	0.8922	AMZN EBAY CZR DECK LOW RL TSLA
6	108.2310	0.8913	AMZN EBAY CZR DECK LOW TSLA
4	109.6307	0.8896	CZR DECK LOW SBUX
5	111.9811	0.8895	EBAY CZR DECK RL TSLA
6	113.4647	0.8897	AMZN EBAY CZR DECK RL TSLA
5	115.7317	0.8883	CZR DECK DRI RL TSLA

Number in Model	C(p)	R-Square	Variables in Model
6	117.2216	0.8885	AMZN CZR DECK DRI RL TSLA
4	118.3458	0.8869	EBAY CZR DECK TSLA
5	119.5355	0.8871	CZR DECK LOW RL TSLA
5	120.2846	0.8869	AMZN EBAY CZR DECK TSLA
6	120.6333	0.8874	AMZN CZR DECK LOW RL TSLA
6	120.7272	0.8874	AMZN CZR DECK RL SBUX TSLA
5	122.9970	0.8860	AMZN CZR DECK LOW TSLA
4	123.5017	0.8852	CZR DECK LOW TSLA
5	124.7732	0.8855	AMZN CZR DECK RL SBUX
5	125.1390	0.8854	AMZN EBAY CZR RL SBUX
6	125.9167	0.8857	AMZN EBAY DECK LOW SBUX TSLA
6	125.9312	0.8857	AMZN EBAY CZR LOW RL SBUX
6	126.6720	0.8855	AMZN EBAY CZR RL SBUX TSLA
4	126.9026	0.8842	CZR DECK RL SBUX
7	127.1020	0.8860	AMZN EBAY CZR LOW RL SBUX TSLA
5	127.4064	0.8846	AMZN DECK LOW SBUX TSLA
5	127.5440	0.8846	CZR DECK RL SBUX TSLA
7	127.9154	0.8857	AMZN EBAY DECK LOW RL SBUX TSLA
5	128.7973	0.8842	AMZN CZR DRI RL SBUX
6	129.2630	0.8847	AMZN DECK LOW RL SBUX TSLA
5	129.3771	0.8840	EBAY DECK LOW SBUX TSLA
5	130.6497	0.8836	AMZN CZR DECK DRI RL
6	130.7143	0.8842	AMZN CZR DRI RL SBUX TSLA
6	131.0604	0.8841	EBAY DECK LOW RL SBUX TSLA
6	132.1381	0.8838	CZR DRI LOW RL SBUX TSLA
6	132.4772	0.8837	AMZN EBAY DRI LOW RL TSLA
5	133.2076	0.8828	AMZN DRI LOW RL TSLA
7	133.5192	0.8840	AMZN EBAY DRI LOW RL SBUX TSLA
4	133.8320	0.8820	EBAY DECK LOW TSLA
7	133.8634	0.8839	EBAY CZR DRI LOW RL SBUX TSLA
4	134.0257	0.8819	DECK LOW SBUX TSLA
4	134.1130	0.8819	CZR DECK DRI RL
6	134.6413	0.8830	AMZN DRI LOW RL SBUX TSLA
5	134.6497	0.8823	DECK LOW RL SBUX TSLA
5	134.6824	0.8823	AMZN EBAY DECK LOW TSLA
5	135.5718	0.8821	EBAY DECK LOW RL TSLA
6	136.5999	0.8824	AMZN EBAY DECK LOW RL TSLA
5	136.7378	0.8817	AMZN CZR LOW RL SBUX
6	137.8685	0.8820	AMZN CZR LOW RL SBUX TSLA
4	138.2469	0.8806	AMZN DECK LOW TSLA
5	138.8463	0.8810	CZR DRI LOW RL SBUX
3	138.9843	0.8797	DECK LOW TSLA
4	139.6762	0.8801	DECK LOW RL TSLA
5	139.6952	0.8807	AMZN DECK LOW RL TSLA
6	140.7819	0.8810	EBAY CZR DRI LOW RL SBUX
6	141.9002	0.8807	AMZN EBAY CZR DECK LOW RL
5	143.4212	0.8796	AMZN EBAY CZR DECK RL
4	145.7643	0.8782	AMZN CZR DRI RL
5	146.1072	0.8787	AMZN CZR DRI RL TSLA
6	146.5490	0.8792	AMZN EBAY CZR LOW RL TSLA
5	147.0623	0.8784	AMZN EBAY CZR DECK LOW
6	147.7817	0.8788	EBAY CZR DRI RL SBUX TSLA
5	149.2506	0.8777	AMZN EBAY CZR RL TSLA
5	151.3277	0.8771	EBAY CZR DRI RL SBUX
5	153.9951	0.8762	AMZN CZR DECK LOW RL
5	154.0163	0.8762	AMZN EBAY CZR LOW RL
4	154.2716	0.8755	AMZN EBAY CZR DECK
4	155.2256	0.8752	AMZN EBAY CZR RL
5	157.2055	0.8752	AMZN CZR LOW RL TSLA
5	158.2214	0.8749	CZR DRI LOW RL TSLA
6	159.9533	0.8750	EBAY CZR DRI LOW RL TSLA
4	160.8523	0.8734	AMZN CZR RL SBUX
4	161.3256	0.8733	AMZN CZR DECK LOW
5	162.6695	0.8735	AMZN CZR RL SBUX TSLA
4	163.5351	0.8726	CZR DRI RL SBUX
5	164.0241	0.8730	CZR DRI RL SBUX TSLA
5	164.3592	0.8729	EBAY CZR DECK LOW RL
4	164.7865	0.8722	AMZN CZR LOW RL
4	165.4999	0.8719	EBAY CZR DECK LOW
5	165.6979	0.8725	AMZN EBAY CZR DRI LOW
6	166.7461	0.8728	AMZN EBAY CZR DRI LOW SBUX
6	167.5553	0.8726	AMZN EBAY CZR DRI LOW TSLA
4	167.9657	0.8712	CZR DECK LOW RL
7	168.7436	0.8728	AMZN EBAY CZR DRI LOW SBUX TSLA

Number in Model	C(p)	R-Square	Variables in Model
3	170.7729	0.8696	CZR DECK LOW
4	171.6277	0.8700	EBAY CZR DECK RL
6	174.1310	0.8705	AMZN EBAY LOW RL SBUX TSLA
5	174.7574	0.8696	AMZN LOW RL SBUX TSLA
6	175.1394	0.8702	AMZN CZR DECK DRI SBUX TSLA
5	175.5849	0.8694	CZR LOW RL SBUX TSLA
5	175.6751	0.8694	AMZN EBAY LOW RL TSLA
4	176.4206	0.8685	CZR DECK RL TSLA
4	177.2511	0.8682	AMZN LOW RL TSLA
6	177.4332	0.8694	EBAY CZR LOW RL SBUX TSLA
5	178.2576	0.8685	AMZN CZR DECK RL TSLA
3	178.2785	0.8673	EBAY CZR DECK
5	178.4640	0.8685	AMZN CZR DECK DRI SBUX
5	178.6952	0.8684	AMZN CZR DECK SBUX TSLA
4	178.8772	0.8677	CZR LOW RL SBUX
5	180.8440	0.8677	EBAY CZR LOW RL SBUX
4	181.7998	0.8668	AMZN CZR DECK SBUX
6	182.0956	0.8680	EBAY DRI LOW RL SBUX TSLA
5	182.4422	0.8672	DRI LOW RL SBUX TSLA
5	183.7269	0.8668	AMZN EBAY DRI LOW TSLA
5	184.5620	0.8665	EBAY CZR RL SBUX TSLA
4	184.7098	0.8659	AMZN CZR DRI LOW
6	185.3527	0.8669	AMZN EBAY DRI LOW SBUX TSLA
5	185.6936	0.8662	AMZN CZR DRI LOW SBUX
4	186.1068	0.8654	EBAY CZR RL SBUX
5	186.5661	0.8659	EBAY DRI LOW RL TSLA
5	186.5821	0.8659	AMZN CZR DRI LOW TSLA
5	186.8094	0.8658	AMZN EBAY CZR LOW SBUX
4	187.6651	0.8649	DRI LOW RL TSLA
6	187.6857	0.8662	AMZN CZR DRI LOW SBUX TSLA
6	188.7575	0.8659	AMZN EBAY CZR LOW SBUX TSLA
4	192.2118	0.8635	AMZN DRI LOW TSLA
4	192.4774	0.8634	AMZN DRI LOW RL
3	192.5962	0.8627	CZR RL SBUX
5	193.0837	0.8638	AMZN DRI LOW RL SBUX
4	193.3040	0.8631	AMZN CZR DECK RL
5	193.3199	0.8638	AMZN DECK DRI LOW SBUX
6	193.4992	0.8643	AMZN DECK DRI LOW RL SBUX
4	193.5186	0.8631	CZR RL SBUX TSLA
5	193.7118	0.8636	AMZN DECK DRI LOW RL
5	194.1933	0.8635	AMZN DRI LOW SBUX TSLA
4	194.3270	0.8628	AMZN DECK DRI LOW
5	194.4767	0.8634	AMZN EBAY DRI LOW RL
6	195.0706	0.8639	AMZN EBAY DRI LOW RL SBUX
4	195.1862	0.8625	AMZN EBAY CZR LOW
6	195.3196	0.8638	AMZN EBAY DECK DRI LOW SBUX
7	195.4314	0.8644	AMZN EBAY DECK DRI LOW RL SBUX
5	195.5847	0.8631	AMZN EBAY CZR LOW TSLA
6	195.7007	0.8637	AMZN EBAY DECK DRI LOW RL
5	195.9816	0.8629	EBAY CZR DRI RL TSLA
5	196.2810	0.8628	AMZN EBAY DECK DRI LOW
4	198.7759	0.8614	AMZN CZR RL SBUX
4	198.8285	0.8614	CZR DECK DRI SBUX
3	200.0034	0.8604	CZR DECK SBUX
5	200.6673	0.8614	CZR DECK DRI SBUX TSLA
3	200.6752	0.8602	AMZN CZR RL
4	201.8947	0.8604	CZR DECK SBUX TSLA
4	202.7304	0.8602	AMZN CZR LOW SBUX
6	203.9379	0.8610	AMZN EBAY CZR DRI SBUX TSLA
4	204.2179	0.8597	AMZN EBAY DRI LOW
3	204.3560	0.8590	AMZN DRI LOW
5	204.6674	0.8602	AMZN CZR LOW SBUX TSLA
5	205.2649	0.8600	EBAY CZR DRI LOW RL
5	205.2711	0.8600	AMZN EBAY CZR DRI SBUX
5	205.4403	0.8599	AMZN EBAY LOW SBUX TSLA
4	205.6100	0.8592	AMZN EBAY LOW TSLA
5	205.6259	0.8599	AMZN EBAY DRI LOW SBUX
4	205.6994	0.8592	AMZN DRI LOW SBUX
4	205.7216	0.8592	AMZN EBAY CZR DRI
5	206.6341	0.8596	AMZN EBAY CZR DRI TSLA
3	207.7702	0.8579	CZR DECK RL
4	208.0833	0.8585	CZR DRI LOW RL
5	209.2957	0.8587	EBAY DECK DRI RL TSLA
3	210.3928	0.8571	AMZN CZR LOW

Number in Model	C(p)	R-Square	Variables in Model
6	210.6710	0.8589	AMZN EBAY DECK DRI RL TSLA
4	210.9671	0.8576	AMZN CZR LOW TSLA
6	211.2845	0.8587	EBAY DECK DRI RL SBUX TSLA
5	211.5003	0.8580	EBAY DECK DRI LOW SBUX
4	211.9596	0.8572	AMZN LOW SBUX TSLA
5	212.2800	0.8578	AMZN EBAY CZR SBUX TSLA
7	212.4763	0.8590	AMZN EBAY DECK DRI RL SBUX TSLA
4	213.1895	0.8569	AMZN EBAY CZR SBUX
3	213.3599	0.8562	AMZN LOW TSLA
6	213.4555	0.8580	EBAY DECK DRI LOW RL SBUX
4	214.4188	0.8565	AMZN DECK LOW SBUX
4	214.9469	0.8563	DECK DRI LOW SBUX
4	215.1940	0.8562	CZR DRI RL TSLA
5	216.2356	0.8565	AMZN DECK LOW RL SBUX
5	216.4086	0.8565	AMZN EBAY DECK LOW SBUX
5	216.4701	0.8564	EBAY LOW RL SBUX TSLA
4	216.6281	0.8558	LOW RL SBUX TSLA
5	216.6402	0.8564	DECK DRI LOW RL SBUX
4	216.8659	0.8557	AMZN LOW RL SBUX
6	218.2031	0.8565	AMZN EBAY DECK LOW RL SBUX
5	218.8658	0.8557	AMZN EBAY LOW RL SBUX
3	220.9308	0.8538	AMZN EBAY CZR
4	222.5082	0.8539	EBAY DECK DRI TSLA
3	222.7591	0.8532	AMZN LOW SBUX
4	222.9117	0.8538	AMZN EBAY CZR TSLA
5	223.1769	0.8543	EBAY DECK RL SBUX TSLA
4	223.4277	0.8536	AMZN EBAY LOW SBUX
4	224.0569	0.8534	EBAY DECK RL TSLA
5	224.4312	0.8539	AMZN EBAY DECK DRI TSLA
5	224.4757	0.8539	EBAY DECK DRI SBUX TSLA
5	224.5793	0.8539	AMZN EBAY DECK RL TSLA
6	224.8100	0.8544	AMZN EBAY DECK RL SBUX TSLA
3	226.3957	0.8520	AMZN LOW RL
6	226.4241	0.8539	AMZN EBAY DECK DRI SBUX TSLA
3	226.6693	0.8519	AMZN DECK LOW
4	228.0103	0.8522	AMZN DECK LOW RL
4	228.2971	0.8521	AMZN EBAY LOW RL
4	228.5004	0.8520	AMZN EBAY DECK LOW
2	229.1364	0.8505	AMZN LOW
4	229.6747	0.8516	EBAY DECK LOW SBUX
3	229.7967	0.8510	AMZN EBAY LOW
5	229.9419	0.8522	AMZN EBAY DECK LOW RL
4	230.4638	0.8514	EBAY DECK SBUX TSLA
3	230.9104	0.8506	EBAY DECK TSLA
5	231.4072	0.8517	EBAY DECK LOW RL SBUX
4	231.5938	0.8510	EBAY DECK DRI LOW
4	232.3830	0.8508	AMZN EBAY DECK TSLA
5	232.4474	0.8514	AMZN EBAY DECK SBUX TSLA
3	232.6839	0.8500	DECK LOW SBUX
4	233.2468	0.8505	DECK LOW RL SBUX
5	233.5470	0.8510	EBAY DECK DRI LOW RL
5	236.9460	0.8500	AMZN EBAY DRI RL TSLA
6	237.3171	0.8505	AMZN EBAY DRI RL SBUX TSLA
5	237.6195	0.8497	AMZN CZR DECK DRI TSLA
3	239.4478	0.8479	DECK DRI LOW
4	240.6620	0.8482	CZR LOW RL TSLA
5	240.7703	0.8488	EBAY CZR LOW RL TSLA
4	240.7728	0.8481	DECK DRI LOW RL
4	241.1599	0.8480	CZR DECK DRI TSLA
4	242.9877	0.8474	EBAY CZR DRI RL
4	246.6101	0.8463	EBAY LOW RL TSLA
4	247.8611	0.8459	AMZN EBAY RL TSLA
3	248.1360	0.8452	CZR DRI RL
3	248.5956	0.8450	LOW RL TSLA
5	249.6768	0.8459	AMZN EBAY RL SBUX TSLA
3	249.9030	0.8446	CZR DECK DRI
4	251.8034	0.8446	AMZN CZR DECK DRI
4	252.9433	0.8443	AMZN CZR DECK TSLA
3	253.2240	0.8435	CZR DECK TSLA
5	264.9081	0.8411	EBAY DRI LOW RL SBUX
3	267.9379	0.8389	AMZN CZR DECK
2	268.6598	0.8380	CZR DECK
4	272.8595	0.8380	EBAY CZR RL TSLA
3	276.5012	0.8362	EBAY DECK LOW

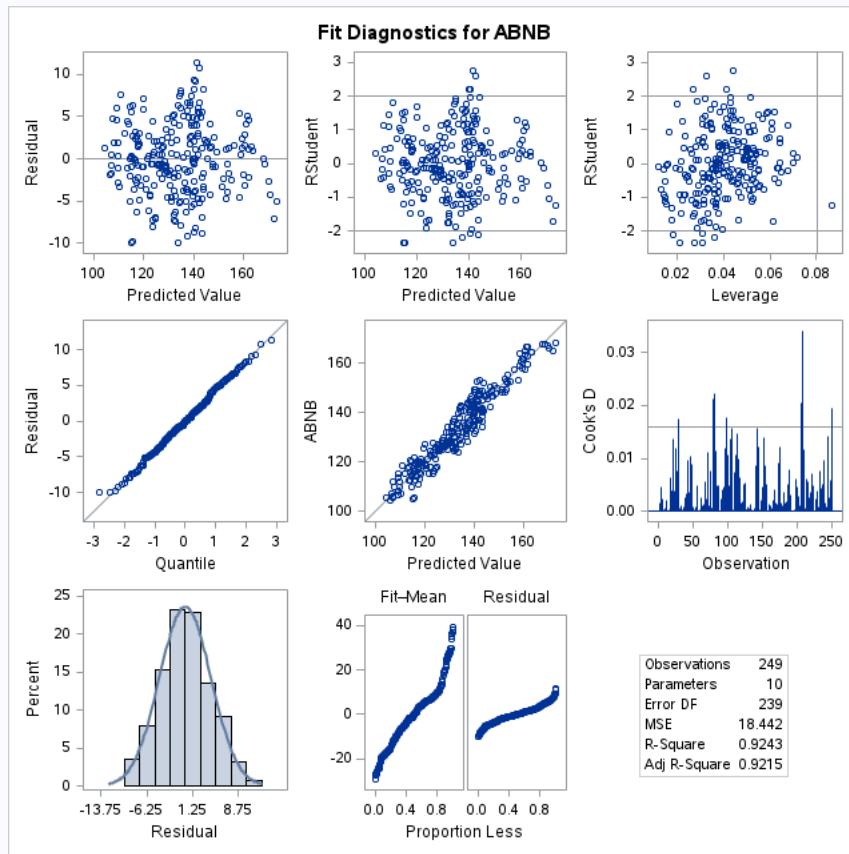
Number in Model	C(p)	R-Square	Variables in Model
4	277.5363	0.8365	EBAY DECK LOW RL
4	280.5877	0.8355	EBAY LOW RL SBUX
3	281.5628	0.8346	CZR RL TSLA
3	284.1749	0.8337	DECK LOW RL
2	286.4424	0.8324	DECK LOW
4	288.0341	0.8332	DRI LOW RL SBUX
3	300.2539	0.8287	LOW RL SBUX
4	300.6032	0.8292	EBAY CZR LOW RL
4	306.3909	0.8273	EBAY DRI LOW RL
3	310.3261	0.8255	CZR LOW RL
3	310.5550	0.8254	AMZN EBAY TSLA
4	312.1768	0.8255	AMZN EBAY DRI TSLA
4	312.3077	0.8255	AMZN EBAY SBUX TSLA
5	313.4283	0.8258	AMZN EBAY DRI SBUX TSLA
5	326.2789	0.8217	EBAY DRI RL SBUX TSLA
4	330.3717	0.8198	EBAY RL SBUX TSLA
2	332.8388	0.8177	CZR RL
3	334.1768	0.8179	EBAY CZR RL
4	336.6139	0.8178	EBAY DRI RL TSLA
3	352.1546	0.8122	DRI LOW RL
3	353.7726	0.8117	EBAY RL TSLA
3	357.7997	0.8104	EBAY LOW RL
3	376.1297	0.8046	DECK RL TSLA
4	376.3063	0.8052	DECK RL SBUX TSLA
4	377.2982	0.8049	AMZN DECK RL TSLA
4	377.9607	0.8047	DECK DRI RL TSLA
5	378.1288	0.8053	AMZN DECK RL SBUX TSLA
5	378.2724	0.8052	DECK DRI RL SBUX TSLA
5	379.1991	0.8049	AMZN DECK DRI RL TSLA
6	380.1047	0.8053	AMZN DECK DRI RL SBUX TSLA
3	380.1625	0.8034	AMZN RL TSLA
4	381.7026	0.8035	AMZN RL SBUX TSLA
4	381.9048	0.8034	AMZN EBAY DECK RL
4	382.0743	0.8034	AMZN DRI RL TSLA
5	382.3502	0.8039	AMZN EBAY DECK RL SBUX
5	383.1388	0.8037	AMZN EBAY DECK DRI RL
5	383.7023	0.8035	AMZN DRI RL SBUX TSLA
6	384.2023	0.8040	AMZN EBAY DECK DRI RL SBUX
5	396.5317	0.7994	AMZN CZR DRI SBUX TSLA
4	399.4329	0.7979	AMZN EBAY RL SBUX
5	401.0510	0.7980	AMZN EBAY DRI RL SBUX
3	402.7692	0.7962	AMZN EBAY RL
3	403.0301	0.7961	AMZN EBAY SBUX
3	403.0754	0.7961	AMZN EBAY DECK
4	403.2863	0.7967	AMZN EBAY DECK SBUX
4	403.8718	0.7965	AMZN CZR SBUX TSLA
4	403.9484	0.7965	AMZN EBAY DRI SBUX
3	403.9634	0.7958	RL SBUX TSLA
5	404.2660	0.7970	AMZN EBAY DECK DRI SBUX
2	404.4165	0.7950	AMZN EBAY
2	404.4907	0.7950	LOW RL
4	404.6731	0.7962	AMZN EBAY DRI RL
4	404.9275	0.7962	AMZN EBAY DECK DRI
4	405.9604	0.7958	DRI RL SBUX TSLA
3	406.3832	0.7951	AMZN EBAY DRI
3	413.5796	0.7928	DRI RL TSLA
2	413.9199	0.7920	RL TSLA
4	428.6256	0.7886	AMZN CZR DRI TSLA
3	428.7048	0.7880	AMZN CZR TSLA
4	444.8953	0.7835	AMZN CZR DRI SBUX
3	455.8531	0.7794	AMZN CZR DRI
5	461.5329	0.7789	EBAY CZR LOW SBUX TSLA
6	462.0355	0.7793	EBAY CZR DRI LOW SBUX TSLA
4	463.2439	0.7777	EBAY CZR LOW SBUX
5	463.3578	0.7783	EBAY CZR DRI LOW SBUX
3	465.2652	0.7764	AMZN CZR SBUX
2	466.7889	0.7753	AMZN CZR
5	474.3154	0.7748	EBAY DRI LOW SBUX TSLA
4	475.6073	0.7738	EBAY DRI LOW SBUX
4	476.1131	0.7736	EBAY LOW SBUX TSLA
3	478.2217	0.7723	EBAY LOW SBUX
5	485.1737	0.7714	CZR DRI LOW SBUX TSLA
4	486.6239	0.7703	CZR LOW SBUX TSLA
4	488.0477	0.7698	CZR DRI LOW SBUX

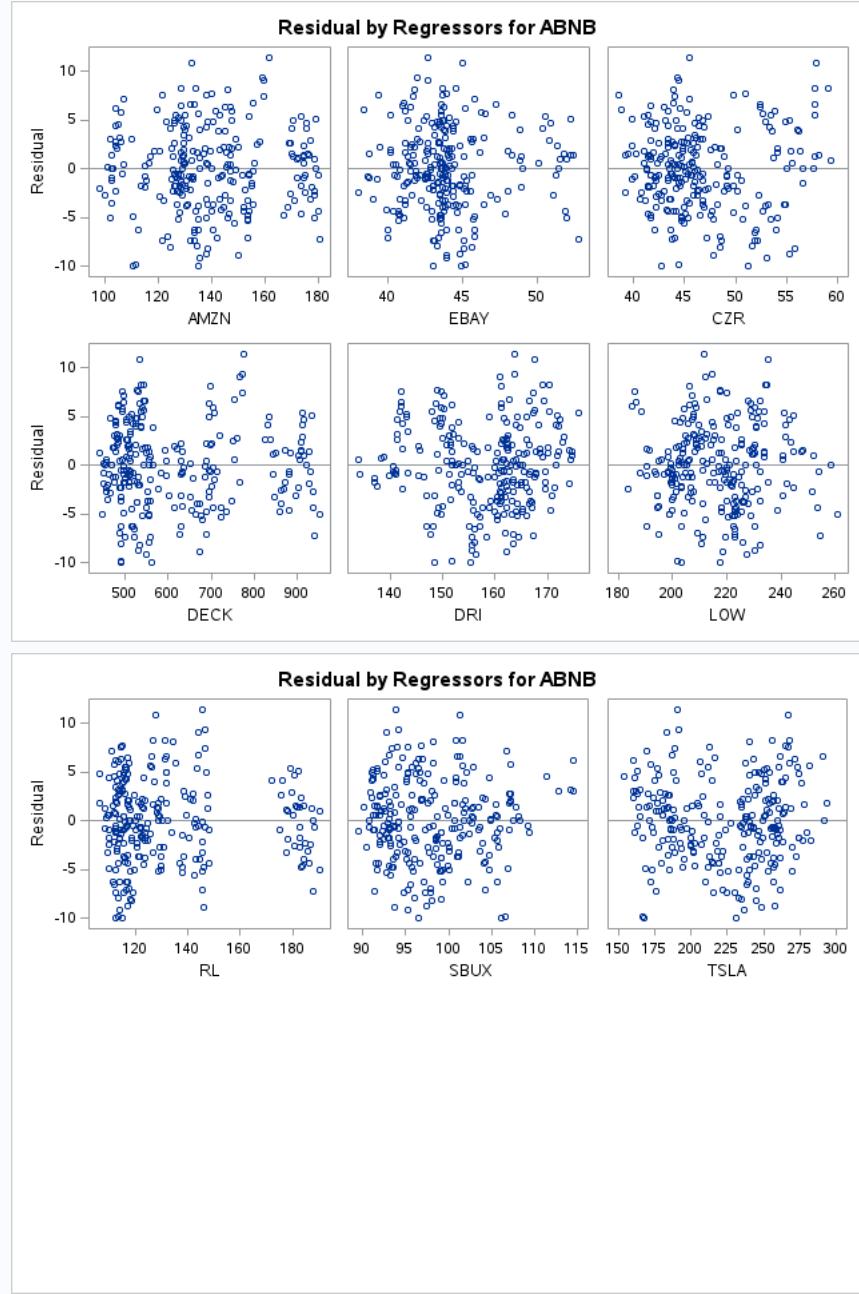
Number in Model	C(p)	R-Square	Variables in Model
3	490.3100	0.7685	CZR LOW SBUX
3	490.8041	0.7683	DRI LOW SBUX
4	492.6098	0.7684	DRI LOW SBUX TSLA
2	494.8016	0.7664	LOW SBUX
3	496.4075	0.7666	LOW SBUX TSLA
5	500.4773	0.7665	AMZN DECK DRI SBUX TSLA
4	502.2432	0.7653	DECK DRI SBUX TSLA
3	508.6558	0.7627	DECK DRI TSLA
4	510.0248	0.7629	AMZN DECK DRI TSLA
5	517.1785	0.7612	AMZN DECK DRI RL SBUX
4	519.9111	0.7598	AMZN DECK DRI RL
3	523.4726	0.7580	AMZN DECK RL
4	524.4526	0.7583	AMZN DECK RL SBUX
3	534.8174	0.7544	AMZN DECK TSLA
4	535.3628	0.7549	AMZN DECK SBUX TSLA
2	536.1005	0.7534	DECK TSLA
5	537.7160	0.7547	EBAY DECK DRI RL SBUX
3	537.9440	0.7534	DECK SBUX TSLA
5	541.3357	0.7536	EBAY CZR DRI LOW TSLA
4	541.4450	0.7529	EBAY CZR LOW TSLA
4	542.0858	0.7527	EBAY DECK DRI SBUX
4	552.0334	0.7496	EBAY DECK RL SBUX
4	560.5829	0.7469	AMZN DRI RL SBUX
3	563.2100	0.7454	EBAY DECK SBUX
4	579.5700	0.7409	EBAY DRI RL SBUX
3	580.0069	0.7401	AMZN DRI RL
3	586.6545	0.7379	AMZN RL SBUX
2	593.6268	0.7351	AMZN RL
3	595.0547	0.7353	EBAY RL SBUX
3	598.0492	0.7344	CZR LOW TSLA
4	598.9030	0.7347	CZR DRI LOW TSLA
4	600.6237	0.7342	EBAY CZR DRI LOW
3	603.3905	0.7327	EBAY CZR LOW
4	610.7564	0.7310	AMZN DRI SBUX TSLA
3	614.8481	0.7291	AMZN DRI TSLA
4	633.6675	0.7237	DECK DRI RL SBUX
4	638.2081	0.7223	AMZN DECK DRI SBUX
3	638.2329	0.7217	DRI RL SBUX
3	641.1617	0.7207	AMZN DRI SBUX
3	644.7311	0.7196	EBAY DECK RL
4	645.7208	0.7199	EBAY DECK DRI RL
3	652.4306	0.7172	EBAY DECK DRI
2	653.6116	0.7162	EBAY DECK
2	656.2417	0.7153	AMZN DRI
3	657.1204	0.7157	AMZN DECK DRI
3	677.3140	0.7093	DECK RL SBUX
2	678.8606	0.7082	RL SBUX
3	695.2871	0.7036	AMZN SBUX TSLA
2	695.6905	0.7028	AMZN TSLA
3	702.4496	0.7013	CZR DRI LOW
3	702.5859	0.7013	DECK DRI SBUX
3	703.6243	0.7010	EBAY DRI LOW
2	703.7261	0.7003	EBAY LOW
2	704.1334	0.7002	CZR LOW
4	704.2507	0.7014	EBAY DRI LOW TSLA
3	704.7354	0.7006	EBAY LOW TSLA
2	728.3037	0.6925	AMZN DECK
2	728.9677	0.6923	EBAY RL
3	728.9998	0.6929	AMZN DECK SBUX
3	730.6838	0.6924	EBAY DRI RL
1	735.3459	0.6897	AMZN
2	737.3346	0.6897	AMZN SBUX
3	745.7940	0.6876	DECK DRI RL
2	757.7778	0.6832	DECK RL
2	769.2794	0.6795	LOW TSLA
3	769.9050	0.6800	DRI LOW TSLA
1	770.3575	0.6786	LOW
2	770.5297	0.6791	DRI LOW
2	772.9740	0.6784	DRI RL
1	778.5849	0.6760	RL
2	825.6664	0.6617	DECK DRI
2	835.2786	0.6586	DECK SBUX
5	858.0817	0.6533	EBAY CZR DRI SBUX TSLA
4	869.4085	0.6491	EBAY CZR DRI SBUX

Number in Model	C(p)	R-Square	Variables in Model
1	897.8048	0.6382	DECK
4	912.0324	0.6356	EBAY DRI SBUX TSLA
3	922.0632	0.6318	EBAY DRI SBUX
4	965.5188	0.6187	CZR DRI SBUX TSLA
3	1022.394	0.6000	CZR DRI SBUX
2	1080.692	0.5810	DRI SBUX
3	1081.949	0.5812	DRI SBUX TSLA
4	1131.886	0.5660	EBAY CZR SBUX TSLA
3	1159.528	0.5566	EBAY CZR SBUX
3	1244.226	0.5298	EBAY SBUX TSLA
2	1262.893	0.5233	EBAY SBUX
3	1523.957	0.4413	CZR SBUX TSLA
4	1572.259	0.4266	EBAY CZR DRI TSLA
3	1619.117	0.4111	EBAY DRI TSLA
2	1681.723	0.3907	EBAY DRI
3	1683.162	0.3909	EBAY CZR DRI
2	1766.076	0.3640	CZR SBUX
3	1843.862	0.3400	CZR DRI TSLA
2	1855.054	0.3358	DRI TSLA
1	1880.224	0.3272	DRI
2	1881.260	0.3275	CZR DRI
1	1949.868	0.3052	SBUX
2	1951.266	0.3054	SBUX TSLA
3	1973.079	0.2991	EBAY CZR TSLA
2	1988.845	0.2935	EBAY TSLA
2	2062.631	0.2701	EBAY CZR
1	2073.787	0.2659	EBAY
1	2868.192	0.0145	CZR
2	2869.387	0.0147	CZR TSLA
1	2898.807	0.0048	TSLA

Model Evaluation with Cp Statistic

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB





Evaluation of Model Predicting Airbnb Stock Prices Using PRESS Statistic

The GLMSELECT Procedure

Data Set	WORK.STOCKS
Dependent Variable	ABNB
Selection Method	Stepwise
Select Criterion	SBC
Stop Criterion	SBC
Choose Criterion	PRESS
Effect Hierarchy Enforced	None

Number of Observations Read	249
Number of Observations Used	249

Dimensions	
Number of Effects	10
Number of Parameters	10

Evaluation of Model Predicting Airbnb Stock Prices Using PRESS Statistic

The GLMSELECT Procedure

Stepwise Selection Summary					
Step	Effect Entered	Effect Removed	Number Effects In	SBC	PRESS
0	Intercept		1	1363.8433	58725.2454
1	AMZN		2	1078.0162	18326.6869
2	LOW		3	901.6049	8893.1369
3	DRI		4	892.5822	8467.0782
4	CZR		5	885.6932	8121.7628
5	RL		6	830.0326	6393.5308
6	DECK		7	816.6777	5968.2990
7	AMZN		6	814.4227	6013.3255
8	TSLA		7	790.2856	5379.2242
9	EBAY		8	773.3339	4951.7606
10	SBUX		9	772.3432	4862.3340*
11	LOW		8	772.2340*	4927.5781
* Optimal Value of Criterion					

Stepwise selection stopped because the sequence of effect additions and removals is cycling.

Evaluation of Model Predicting Airbnb Stock Prices Using PRESS Statistic

The GLMSELECT Procedure
Selected Model

The selected model, based on PRESS, is the model at Step 10.

Effects:	Intercept EBAY CZR DECK DRI LOW RL SBUX TSLA
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Analysis of Variance				
Source	DF	Sum of Squares	Mean Square	F Value
Model	8	53718	6714.80954	355.28
Error	240	4536.02760	18.90011	
Corrected Total	248	58255		

Root MSE	4.34743
Dependent Mean	133.76779
R-Square	0.9221
Adj R-Sq	0.9195
AIC	991.68615
AICC	992.61052
PRESS	4862.33397
SBC	772.34323

Parameter Estimates				
Parameter	DF	Estimate	Standard Error	t Value
Intercept	1	12.304063	10.134799	1.21
EBAY	1	0.904679	0.181091	5.00
CZR	1	1.158816	0.137816	8.41
DECK	1	0.071030	0.006540	10.86
DRI	1	-0.387672	0.049897	-7.77
LOW	1	0.131409	0.057244	2.30
RL	1	0.184345	0.045282	4.07
SBUX	1	-0.203241	0.080618	-2.52
TSLA	1	0.057288	0.013446	4.26

VIF Calculation for Selected Model Based on PRESS

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

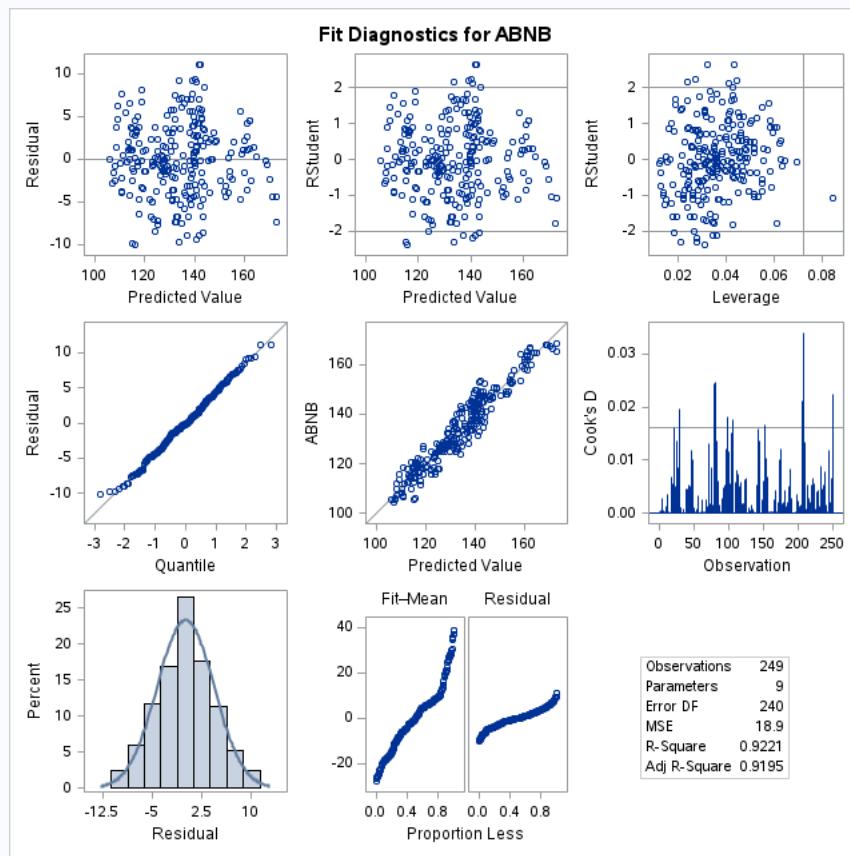
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	53718	6714.80954	355.28	<.0001
Error	240	4536.02760	18.90011		
Corrected Total	248	58255			

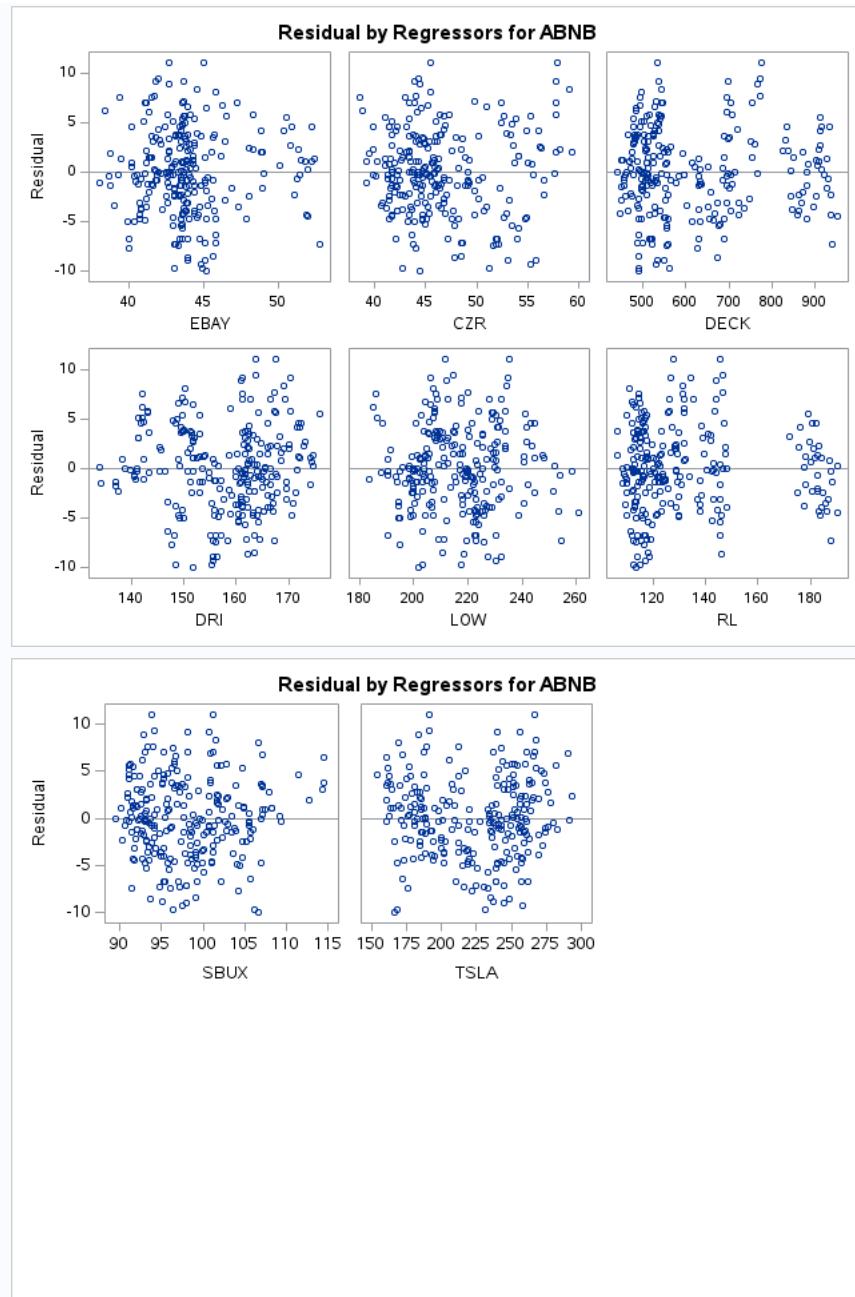
Root MSE	4.34743	R-Square	0.9221
Dependent Mean	133.76779	Adj R-Sq	0.9195
Coeff Var	3.24998		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	12.30406	10.13480	1.21	0.2259
EBAY	EBAY	1	0.90468	0.18109	5.00	<.0001
CZR	CZR	1	1.15882	0.13782	8.41	<.0001
DECK	DECK	1	0.07103	0.00654	10.86	<.0001
DRI	DRI	1	-0.38767	0.04990	-7.77	<.0001
LOW	LOW	1	0.13141	0.05724	2.30	0.0226
RL	RL	1	0.18435	0.04528	4.07	<.0001
SBUX	SBUX	1	-0.20324	0.08062	-2.52	0.0124
TSLA	TSLA	1	0.05729	0.01345	4.26	<.0001

VIF Calculation for Selected Model Based on PRESS

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB





VIF Calculation for Selected Model Based on PRESS

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	38059	7611.87418	91.59	<.0001
Error	243	20195	83.10754		
Corrected Total	248	58255			

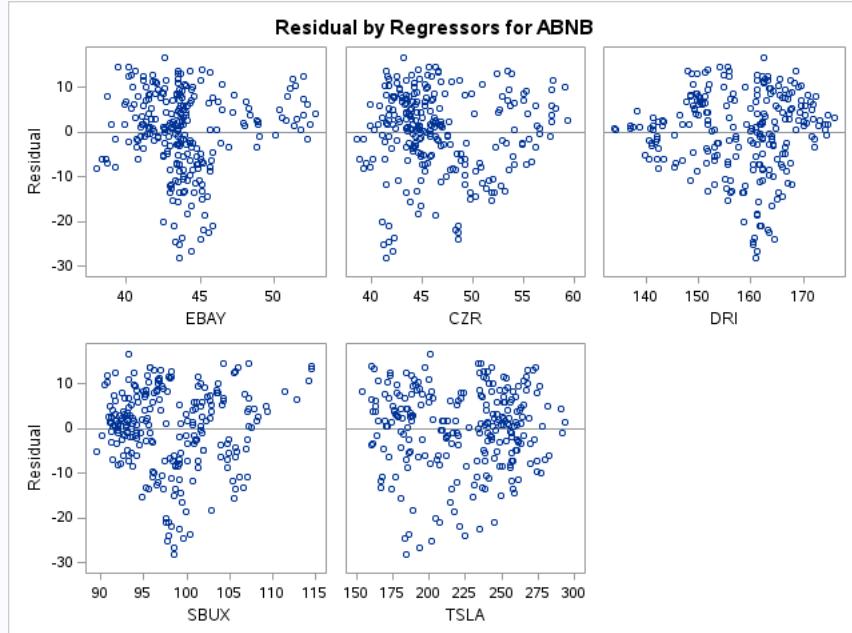
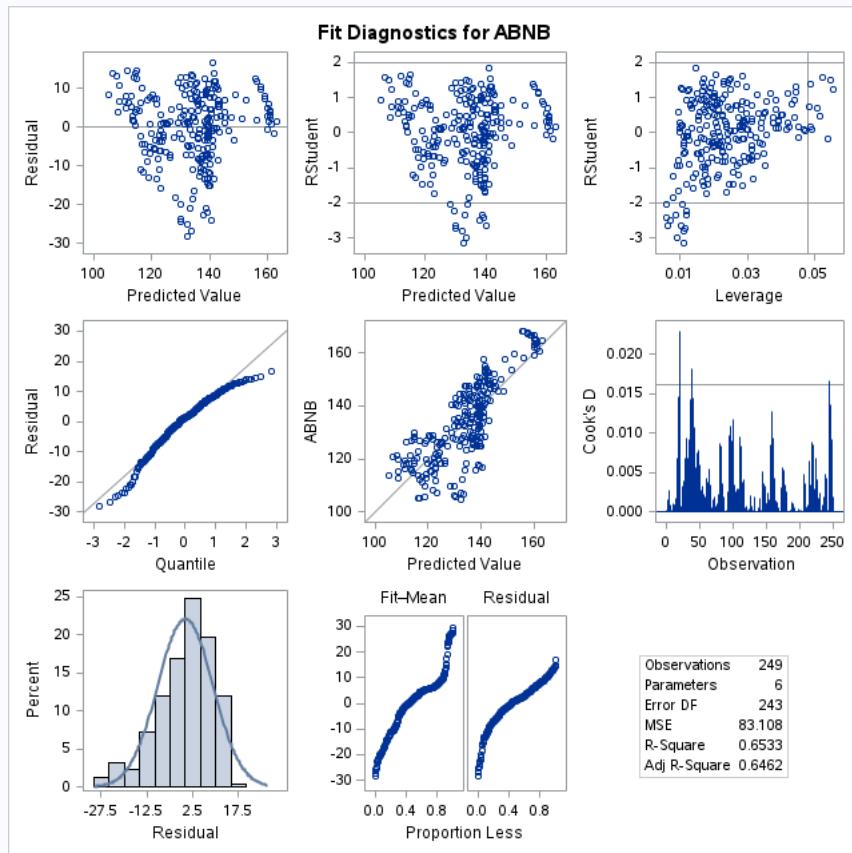
Root MSE	9.11633	R-Square	0.6533
Dependent Mean	133.76779	Adj R-Sq	0.6462
Coeff Var	6.81504		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	121.48383	18.67751	6.50	<.0001

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
EBAY	EBAY	1	1.23638	0.25089	4.93	<.0001
CZR	CZR	1	0.71700	0.20349	3.52	0.0005
DRI	DRI	1	0.58569	0.07487	7.82	<.0001
SBUX	SBUX	1	-1.60867	0.12761	-12.61	<.0001
TSLA	TSLA	1	-0.04627	0.02691	-1.72	0.0868

VIF Calculation for Selected Model Based on PRESS

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB



Main Effects Model

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

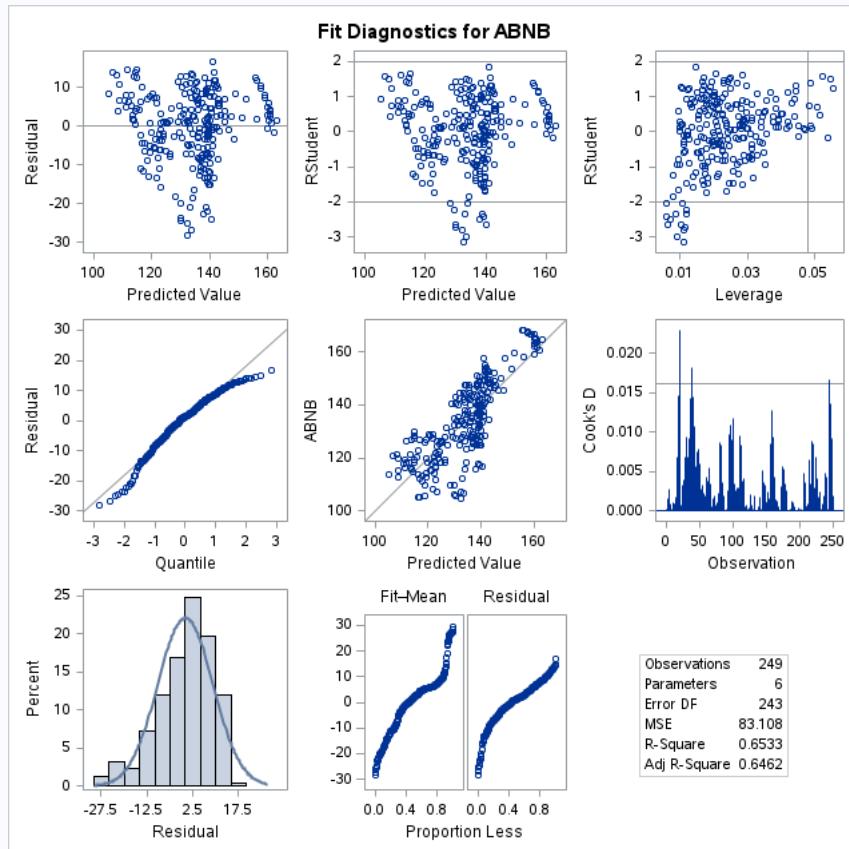
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	38059	7611.87418	91.59	<.0001
Error	243	20195	83.10754		
Corrected Total	248	58255			

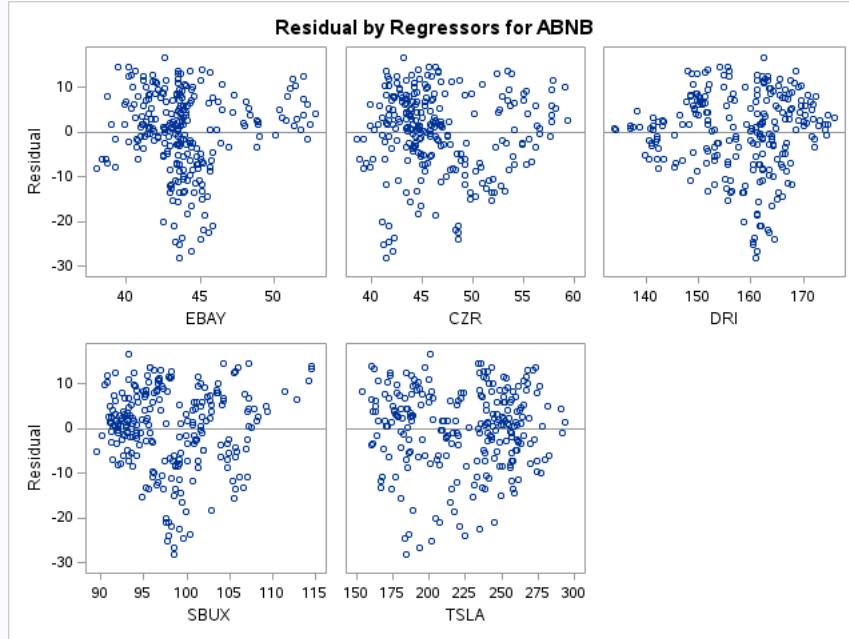
Root MSE	9.11633	R-Square	0.6533
Dependent Mean	133.76779	Adj R-Sq	0.6462
Coeff Var	6.81504		

Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	121.48383	18.67751	6.50	<.0001
EBAY	EBAY	1	1.23638	0.25089	4.93	<.0001
CZR	CZR	1	0.71700	0.20349	3.52	0.0005
DRI	DRI	1	0.58569	0.07487	7.82	<.0001
SBUX	SBUX	1	-1.60867	0.12761	-12.61	<.0001
TSLA	TSLA	1	-0.04627	0.02691	-1.72	0.0868

Main Effects Model

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB





Model Building for Airbnb Stock Price with Interaction Terms

The GLM Procedure

Number of Observations Read	249
Number of Observations Used	249

Model Building for Airbnb Stock Price with Interaction Terms

The GLM Procedure

Dependent Variable: ABNB ABNB

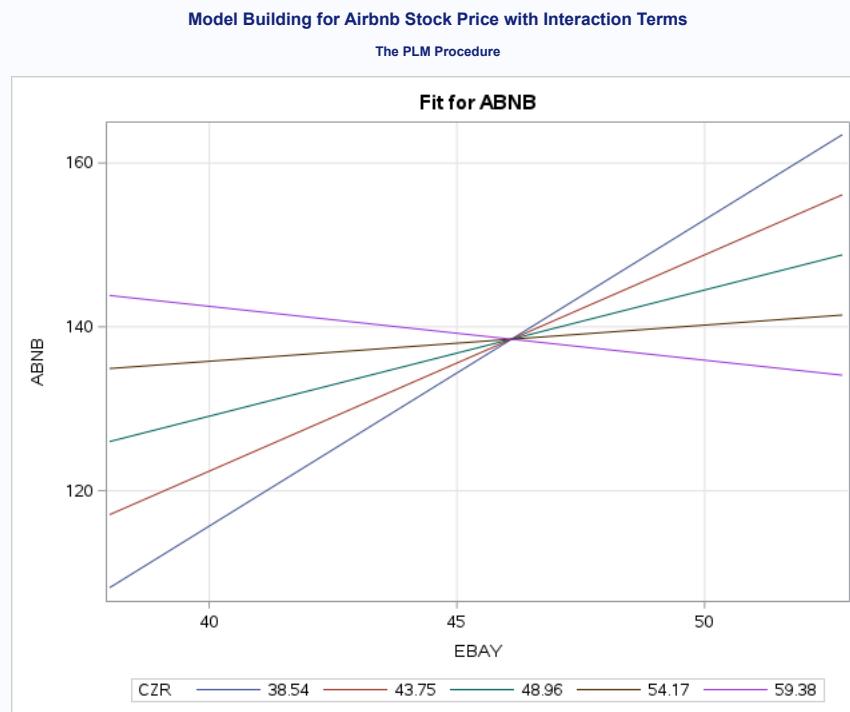
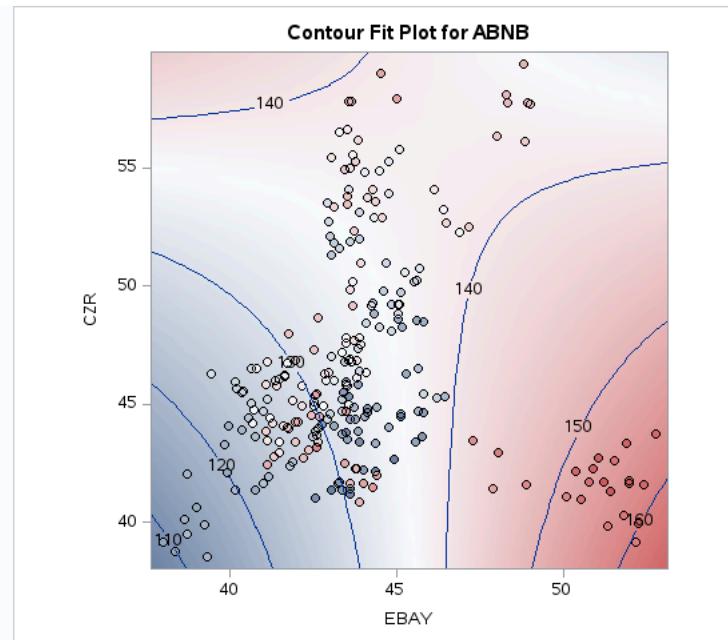
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	17480.12052	5826.70684	35.01	<.0001
Error	245	40774.38337	166.42605		
Corrected Total	248	58254.50388			

R-Square	Coeff Var	Root MSE	ABNB Mean
0.300065	9.644042	12.90062	133.7678

Source	DF	Type I SS	Mean Square	F Value	Pr > F
EBAY	1	15492.19903	15492.19903	93.09	<.0001
CZR	1	242.63166	242.63166	1.46	0.2284
EBAY*CZR	1	1745.28982	1745.28982	10.49	0.0014

Source	DF	Type III SS	Mean Square	F Value	Pr > F
EBAY	1	2891.227454	2891.227454	17.37	<.0001
CZR	1	1816.729339	1816.729339	10.92	0.0011
EBAY*CZR	1	1745.289824	1745.289824	10.49	0.0014

Parameter	Estimate	Standard Error		t Value	Pr > t
		Intercept	EBAY		
EBAY	11.8711080	2.8481364	4.17	<.0001	
CZR	9.7274167	2.9441712	3.30	0.0011	
EBAY*CZR	-0.2109949	0.0651552	-3.24	0.0014	



Model with Interaction Terms

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

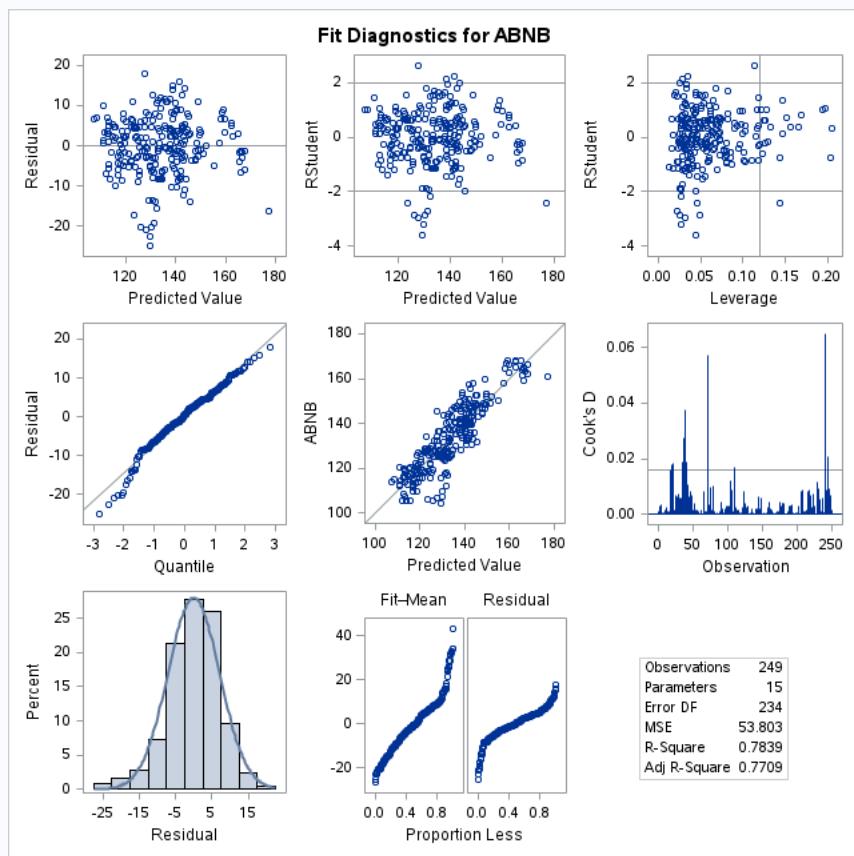
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	14	45665	3261.75215	60.62	<.0001
Error	234	12590	53.80331		
Corrected Total	248	58255			

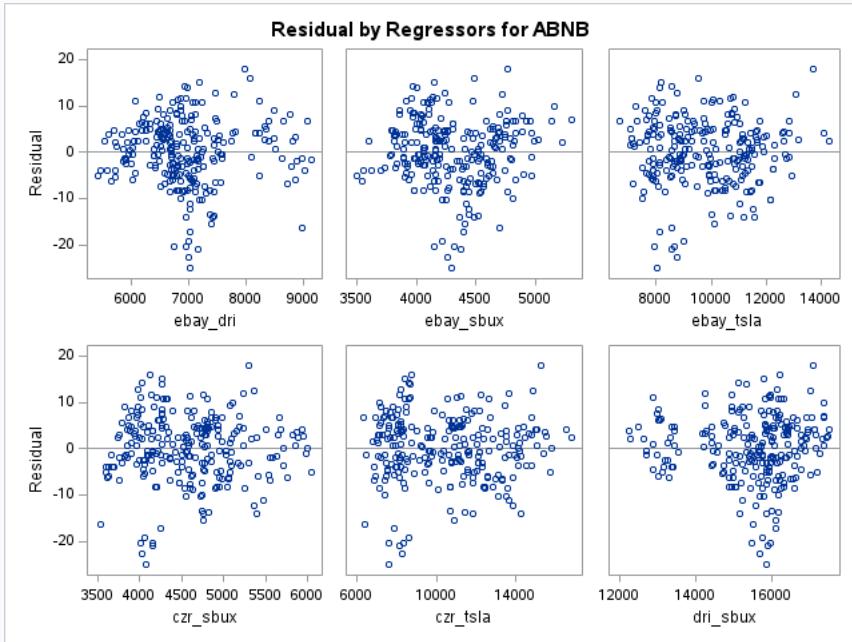
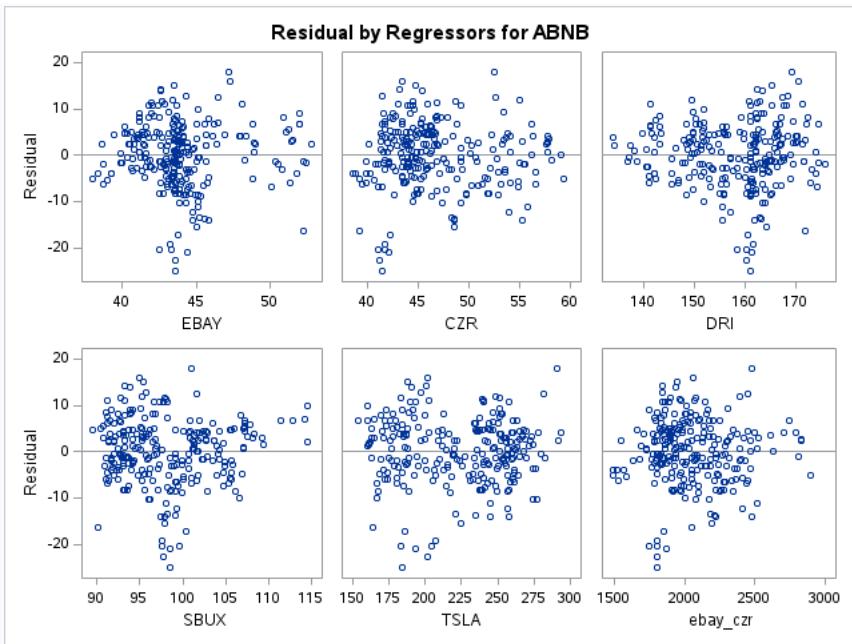
Root MSE	7.33507	R-Square	0.7839
Dependent Mean	133.76779	Adj R-Sq	0.7709
Coeff Var	5.48344		

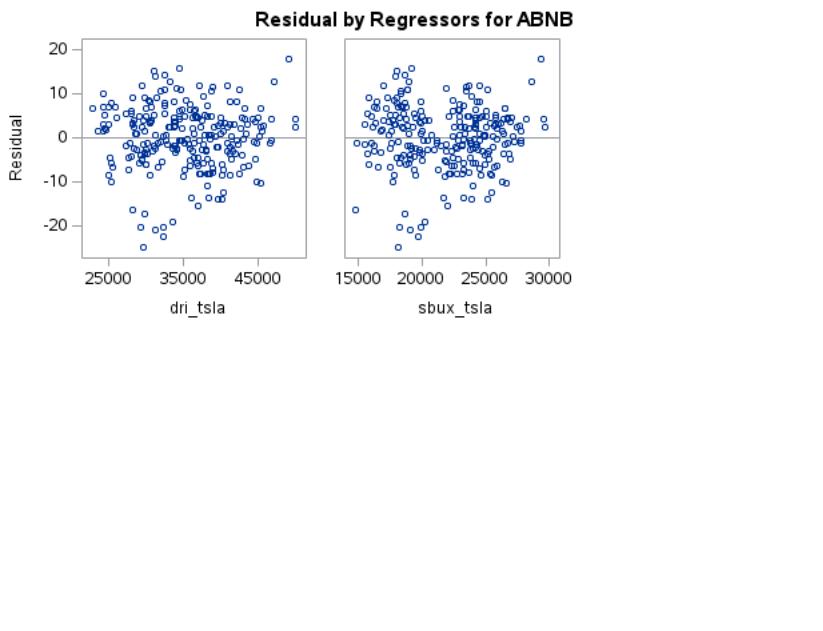
Parameter Estimates						
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	Intercept	1	-2420.50867	362.92633	-6.67	<.0001
EBAY	EBAY	1	34.37061	8.30403	4.14	<.0001
CZR	CZR	1	-49.60857	6.23496	-7.96	<.0001
DRI	DRI	1	22.01339	2.63764	8.35	<.0001
SBUX	SBUX	1	16.83495	3.80333	4.43	<.0001
TSLA	TSLA	1	3.71894	0.79964	4.65	<.0001
ebay_czr		1	0.36411	0.08674	4.20	<.0001
ebay_dri		1	-0.14851	0.03024	-4.91	<.0001
ebay_sbux		1	-0.18866	0.07391	-2.55	0.0113
ebay_tsla		1	-0.04170	0.01265	-3.30	0.0011
czr_sbux		1	0.28871	0.05386	5.36	<.0001
czr_tsla		1	0.02624	0.00554	4.73	<.0001
dri_sbux		1	-0.13014	0.02056	-6.33	<.0001
dri_tsla		1	-0.01069	0.00248	-4.31	<.0001
sbux_tsla		1	-0.01370	0.00590	-2.32	0.0210

Model with Interaction Terms

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB







Model with Interaction Terms

The REG Procedure
Model: MODEL1

Test 1 Results for Dependent Variable ABNB				
Source	DF	Mean Square	F Value	Pr > F
Numerator	9	845.01768	15.71	<.0001
Denominator	234	53.80331		

Model with Quadratic Terms

The REG Procedure
Model: MODEL1
Dependent Variable: ABNB ABNB

Number of Observations Read	249
Number of Observations Used	249

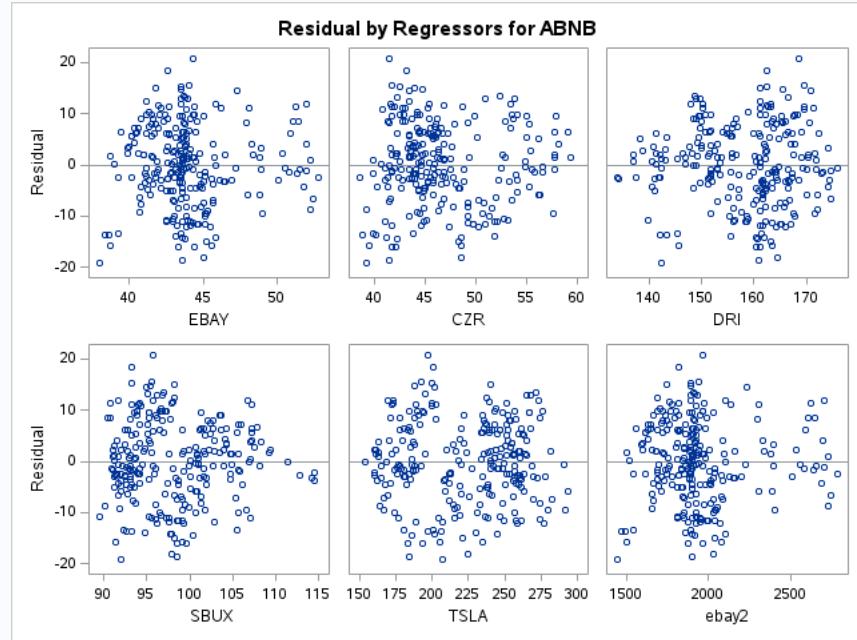
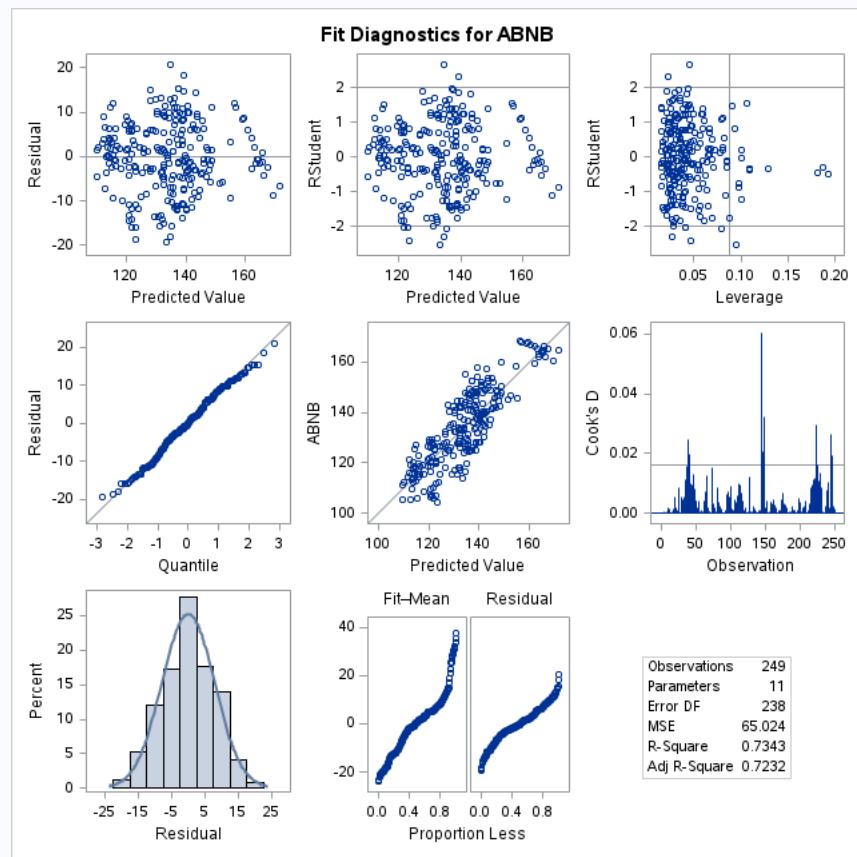
Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	10	42779	4277.87582	65.79	<.0001
Error	238	15476	65.02414		
Corrected Total	248	58255			

Root MSE	8.06375	R-Square	0.7343
Dependent Mean	133.76779	Adj R-Sq	0.7232
Coeff Var	6.02817		

Parameter Estimates							
Variable	Label	DF	Parameter Estimate	Standard Error	t Value	Pr > t	Variance Inflation
Intercept	Intercept	1	2025.06096	261.58764	7.74	<.0001	0
EBAY	EBAY	1	-24.63809	5.08050	-4.85	<.0001	824.24396
CZR	CZR	1	4.75735	2.87375	1.66	0.0992	708.53195
DRI	DRI	1	-3.08803	2.52255	-1.22	0.2221	2091.01990
SBUX	SBUX	1	-23.04304	4.32332	-5.33	<.0001	2047.67180
TSLA	TSLA	1	-0.74360	0.30940	-2.40	0.0170	459.28796
ebay2		1	0.27163	0.05541	4.90	<.0001	814.75088
cذر2		1	-0.03550	0.02854	-1.24	0.2147	661.07810
dri2		1	0.01252	0.00813	1.54	0.1252	2119.15480
sbux2		1	0.10766	0.02169	4.96	<.0001	2059.12477
tsla2		1	0.00161	0.00068238	2.36	0.0188	432.69134

Model with Quadratic Terms

The REG Procedure
Model: MODEL1





Model with Quadratic Terms

The REG Procedure
Model: MODEL1

Test 1 Results for Dependent Variable ABNB				
Source	DF	Mean Square	F Value	Pr > F
Numerator	5	943.87745	14.52	<.0001
Denominator	238	65.02414		