

Major Appliances

Refrigerators (2009)

Variable Name	Parameter Estimate	Standard Error	T Statistic
Intercept	5.50634	0.12855	42.83
Size and Style:			
Total capacity (in sq. ft)	0.04952	0.00580	8.53
6 Door, side-by-side, bottom freezer	0.35464	0.17024	2.08
3 Door, French, bottom freezer	0.30967	0.05244	5.90
All other styles	Base	.	.
Freezer/Icemaker/Dispensers:			
Freezer/Icemaker/Water Dispenser	0.27337	0.07899	3.46
Freezer/Icemaker/Ice & Water Dispensers	0.09517	0.05530	1.72
Freezer/Icemaker	Base	.	.
Freezer	Base	.	.
None	-0.25142	0.09792	-2.57
Features:			
Child lock-out dispenser	0.15978	0.04805	3.33
Rotary controls	-0.16021	0.04811	-3.33
Alpha-numeric display screen	0.23160	0.04818	4.81
Picture/icon display screen	0.47037	0.09661	4.87
Appearance:			
Built-in	1.36715	0.10927	12.51
Cabinet/counter depth	0.41868	0.05833	7.18
Contoured doors	0.19568	0.04375	4.47
Stainless steel finish	0.09367	0.04108	2.28
Brand Category:			
Amana	0.32638	0.06429	5.08
Jenn-Air	0.29585	0.09453	3.13
Maytag	0.21762	0.05825	3.74
Whirlpool	0.14556	0.04203	3.46
All other brands	Base	.	.
Control Variables:			
Sale price	-0.06530	0.03184	-2.05
Delivered	0.13425	0.03164	4.24
Discount department store	-0.86429	0.13737	-6.29

$R^2 = 0.9722$; Adjusted $R^2 = 0.9659$; F Statistic = 155.00; Number of Observations = 115

Washing Machines (2008)

Variable Name	Parameter Estimate	Standard Error	T Statistic
Intercept	5.81803	0.10191	57.09
Size and Style:			
Large front-loading washers (≥ 4.0 cf)	0.30586	0.03707	8.25
Medium front-loading washers ($>3.5/<4.0$ cf)	0.14735	0.03928	3.75
Top-loading washers and small front-loading washers (<3.6 cf)	Base	.	.
Brands:			
Bosch	0.11991	0.04582	2.62
All other brands	Base	.	.
Fisher & Paykel	-0.13207	0.07002	-1.89
Washing Mechanism:			
Wash plate or impeller	0.27560	0.04752	5.80
Agitator	Base	.	.
Display Screen:			
Alpha and/or numeric	Base		
None	-0.22103	0.03466	-6.38
Features:			
Number of water level options	0.10929	0.02387	4.58
Number of wash/rinse temperature combinations	0.04193	0.01630	2.57
Steam cycle	0.32132	0.05236	6.14
No bleach dispenser	-0.11868	0.03946	-3.01
Sound insulation	0.07686	0.02571	2.99
Delay start	0.07740	0.02819	2.75
Control Variables:			
Sale price	-0.11184	0.02130	-5.25
Furniture Store	0.15577	0.04665	3.34

$R^2 = 0.9403$; Adjusted $R^2 = 0.9328$; F Statistic = 123.86; Number of Observations = 125

Clothes Dryers (2008)

Variable Name	Parameter Estimate	Standard Error	T Statistic
Intercept	4.68144	0.20021	23.38
Capacity:			
Total Capacity (in cubic ft)	0.18691	0.03205	5.83
Power Source:			
Gas	0.09852	0.02848	3.46
Electric	Base	.	.
Brands:			
All other brands	Base	.	.
LG	-0.10912	0.05270	-2.07
Type of Controls:			
Electronic	0.34591	0.03789	9.13
Analog or mechanical	Base	.	.
Features:			
Number of temperature settings	0.10542	0.01984	5.31
Steam cycle	0.22808	0.05645	4.04
Stackable unit	0.22150	0.03361	6.59
Control Variables:			
Extra charge for delivery	0.12060	0.03051	3.95
Audio/Video Store	-0.08842	0.03698	-2.39
Warehouse Outlet	-0.20725	0.11543	-1.80
West Region	-0.05203	0.02588	-2.01

$R^2 = 0.9472$; Adjusted $R^2 = 0.9395$; F Statistic = 122.33; Number of Observations = 87

Ranges and Cooktops (2008)

Variable Name	Parameter Estimate	Standard Error	T Statistic
Intercept	5.82329	0.31949	18.23
Style:			
Drop-In or Slide-In Range	0.46933	0.08220	5.71
Cooktop	0.23421	0.09747	2.40
Freestanding Range	Base		
Brands:			
Electrolux	0.51315	0.23914	2.15
All others not listed	Base		
Fridgidaire	-0.35203	0.08783	-4.01
Power Source:			
Dual Fuel	0.50639	0.14520	3.49
Gas and Electric	Base		
Features:			
Number of burners/elements	0.14121	0.07731	1.83
Bridge element/Continuous grate	0.35871	0.06734	5.33
Expandable element	0.28623	0.11317	2.53
Convection oven	0.17893	0.07678	2.33
Manual clean oven	-0.31886	0.09952	-3.20
Color:			
Stainless steel	0.45058	0.06930	6.50
All others not listed	Base		

$R^2 = 0.9447$; Adjusted $R^2 = 0.9238$; F Statistic = 45.06; Number of Observations = 41

Microwave Ovens (2006)

Variable Name	Parameter Estimate	Standard Error	T Statistic
Intercept	4.09667	0.12607	32.50
Oven Type and Cavity Capacity:			
Over-the-Range without Charcoal Filter	0.65834	0.07594	8.67
Over-the-Range with Charcoal Filter	0.30649	0.07842	3.91
Table/Countertop Base			
Total Capacity (in cubic feet)	0.37360	0.08869	4.21
Brands:			
Jenn-Air	0.50192	0.20437	2.46
All others not listed	Base		
Galaxy	-0.39870	0.14771	-2.70
Memory Programming:			
4 or More Stages	0.25876	0.06857	3.77
3 or Less Stages	Base		
Features:			
Dual/Combination Cooking	0.72885	0.13057	5.58
Grill and Bake Capability	0.62078	0.22594	2.75
Convection Cook/Broil	0.36264	0.15328	2.37
Built in Recipe List	0.27011	0.07595	3.56
Color:			
Stainless steel	0.09562	0.05442	1.76
All others not listed	Base		
Country of Origin:			
Korea	0.16894	0.07207	2.34
All others not listed	Base		
Control Variables:			
Appliance outlet	0.32264	0.06566	4.91
Discount Department outlet	-0.35228	0.10276	-3.43
West region	0.13113	0.05715	2.29

$R^2 = 0.9472$; Adjusted $R^2 = 0.9287$; F Statistic = 51.39; Number of Observations = 59