

ANOVA Test for Amount Across Product Categories

The ANOVA Procedure

Class Level Information		
Class	Levels	Values
Category	9	Blouse Bottom Dupatta Ethnic Dress Saree Set Top Western Dress kurta

Number of Observations Read	128975
Number of Observations Used	121180

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Dependent Variable: Amount

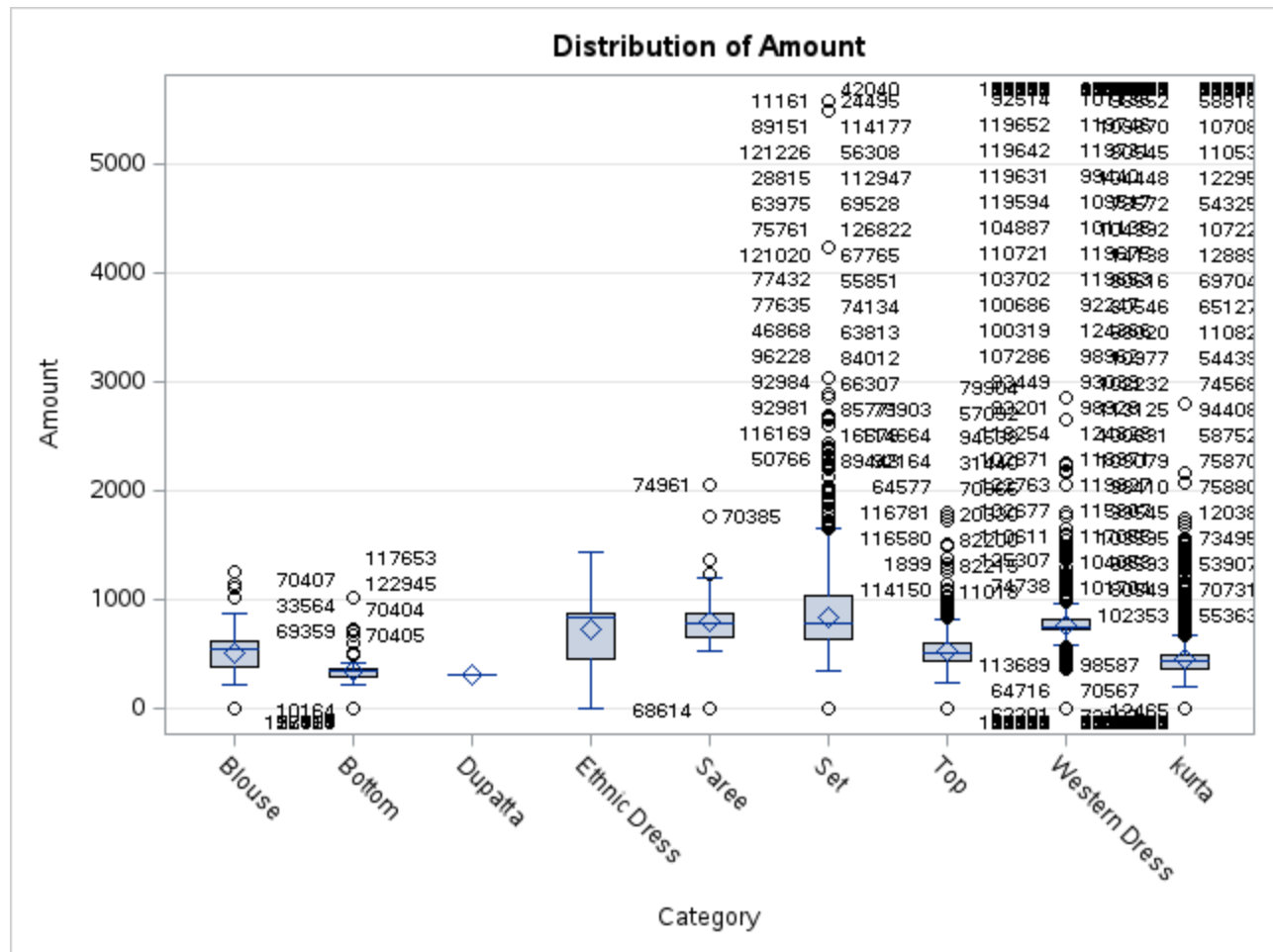
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	8	3744693866	468086733	9715.17	<.0001
Error	121171	5838143033	48181		
Corrected Total	121179	9582836899			

R-Square	Coeff Var	Root MSE	Amount Mean
0.390771	33.84440	219.5018	648.5615

Source	DF	Anova SS	Mean Square	F Value	Pr > F
Category	8	3744693866	468086733	9715.17	<.0001

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Tukey's Studentized Range (HSD) Test for Amount

Note: This test controls the Type I experimentwise error rate.

Alpha	0.05
Error Degrees of Freedom	121171
Error Mean Square	48181.03
Critical Value of Studentized Range	4.38659

Comparisons significant at the 0.05 level are indicated by ***.				
Category Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
Set - Saree	33.813	-20.964	88.590	
Set - Western Dress	70.595	64.162	77.028	***
Set - Ethnic Dress	109.490	88.658	130.322	***
Set - Top	307.287	299.840	314.734	***
Set - Blouse	313.058	289.906	336.211	***
Set - kurta	377.458	373.011	381.906	***
Set - Bottom	474.652	441.282	508.022	***
Set - Dupatta	528.386	135.285	921.486	***
Saree - Set	-33.813	-88.590	20.964	
Saree - Western Dress	36.782	-18.192	91.757	

Comparisons significant at the 0.05 level are indicated by ***.				
Category Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
Saree - Ethnic Dress	75.677	17.241	134.113	***
Saree - Top	273.474	218.372	328.576	***
Saree - Blouse	279.246	219.943	338.548	***
Saree - kurta	343.646	288.868	398.423	***
Saree - Bottom	440.839	376.852	504.827	***
Saree - Dupatta	494.573	97.699	891.446	***
Western Dress - Set	-70.595	-77.028	-64.162	***
Western Dress - Saree	-36.782	-91.757	18.192	
Western Dress - Ethnic Dress	38.895	17.550	60.241	***
Western Dress - Top	236.692	227.910	245.474	***
Western Dress - Blouse	242.463	218.848	266.079	***
Western Dress - kurta	306.863	300.425	313.302	***
Western Dress - Bottom	404.057	370.364	437.750	***
Western Dress - Dupatta	457.791	64.663	850.918	***
Ethnic Dress - Set	-109.490	-130.322	-88.658	***
Ethnic Dress - Saree	-75.677	-134.113	-17.241	***
Ethnic Dress - Western Dress	-38.895	-60.241	-17.550	***
Ethnic Dress - Top	197.797	176.124	219.470	***
Ethnic Dress - Blouse	203.568	172.742	234.395	***
Ethnic Dress - kurta	267.968	247.135	288.802	***
Ethnic Dress - Bottom	365.162	326.075	404.249	***
Ethnic Dress - Dupatta	418.895	25.269	812.522	***
Top - Set	-307.287	-314.734	-299.840	***
Top - Saree	-273.474	-328.576	-218.372	***
Top - Western Dress	-236.692	-245.474	-227.910	***
Top - Ethnic Dress	-197.797	-219.470	-176.124	***
Top - Blouse	5.771	-18.140	29.683	
Top - kurta	70.171	62.720	77.623	***
Top - Bottom	167.365	133.464	201.267	***
Top - Dupatta	221.099	-172.047	614.244	
Blouse - Set	-313.058	-336.211	-289.906	***
Blouse - Saree	-279.246	-338.548	-219.943	***
Blouse - Western Dress	-242.463	-266.079	-218.848	***
Blouse - Ethnic Dress	-203.568	-234.395	-172.742	***
Blouse - Top	-5.771	-29.683	18.140	
Blouse - kurta	64.400	41.246	87.554	***
Blouse - Bottom	161.594	121.222	201.965	***
Blouse - Dupatta	215.327	-178.429	609.083	
kurta - Set	-377.458	-381.906	-373.011	***
kurta - Saree	-343.646	-398.423	-288.868	***
kurta - Western Dress	-306.863	-313.302	-300.425	***
kurta - Ethnic Dress	-267.968	-288.802	-247.135	***
kurta - Top	-70.171	-77.623	-62.720	***
kurta - Blouse	-64.400	-87.554	-41.246	***
kurta - Bottom	97.194	63.823	130.565	***
kurta - Dupatta	150.927	-242.173	544.027	
Bottom - Set	-474.652	-508.022	-441.282	***

Comparisons significant at the 0.05 level are indicated by ***.				
Category Comparison	Difference Between Means	Simultaneous 95% Confidence Limits		
Bottom - Saree	-440.839	-504.827	-376.852	***
Bottom - Western Dress	-404.057	-437.750	-370.364	***
Bottom - Ethnic Dress	-365.162	-404.249	-326.075	***
Bottom - Top	-167.365	-201.267	-133.464	***
Bottom - Blouse	-161.594	-201.965	-121.222	***
Bottom - kurta	-97.194	-130.565	-63.823	***
Bottom - Dupatta	53.733	-340.756	448.222	
Dupatta - Set	-528.386	-921.486	-135.285	***
Dupatta - Saree	-494.573	-891.446	-97.699	***
Dupatta - Western Dress	-457.791	-850.918	-64.663	***
Dupatta - Ethnic Dress	-418.895	-812.522	-25.269	***
Dupatta - Top	-221.099	-614.244	172.047	
Dupatta - Blouse	-215.327	-609.083	178.429	
Dupatta - kurta	-150.927	-544.027	242.173	
Dupatta - Bottom	-53.733	-448.222	340.756	

