



Table 2: Model 1

* = significant at the 10% level
 ** = significant at the 5% level
 *** = significant at the 1% level

Source	SS	df	MS	Number of obs	=	222
				F(18, 203)	=	3.13
Model	4.9954e+09	18	277520445	Prob > F	=	0.0000
Residual	1.7991e+10	203	88623290.5	R-squared	=	0.2173
				Adj R-squared	=	0.1479
Total	2.2986e+10	221	104008579	Root MSE	=	9414
price	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
blown	-3120.008	2573.648	-1.21	0.227	-8194.518	1954.501
set	-563.9758	2286.793	-0.25	0.805	-5072.889	3944.937
blue	4546.786	1824.94	2.49***	0.014	948.5175	8145.054
vase	9633.026	3673.636	2.62***	0.009	2389.648	16876.4

Additional Tests

• Variance Inflation Factors (VIF test):

- French = 15.53
- Chinese = 13.22

• Joint tests (F-test):

- French_i and Chinese_i
- c18_i and c19_i
- blown_i and sculpt_i
- cameo_i and cold_i
- stem_i, chand_i, and lamp_i

Table 4: Dropped Irrelevant Variables

* = significant at the 10% level
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Source	SS	df	MS	Number of observations	222
				F(9, 212)	= 9.35
Model	49.4533441	9	5.49481601	Prob > F	= 0.0000
Residual	124.654962	212	.587995104	R-squared	= 0.2840
				Adj R-squared	= 0.2536
Total	174.108306	221	.78782039	Root MSE	= .76681
lnprice	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
set	-.2537083	.169369	-1.50	0.136	-.5875713 .0801547
blue	.1753282	.1261122	1.39*	0.166	-.0732663 .4239227
vase	.3272298	.1280054	2.56***	0.011	.0749034 .5795561
italian	-.9143907	.2985473	-3.06***	0.002	-1.502892 -.3258892

White's Test

Null Hypothesis: homoscedasticity

Alternative Hypothesis: heteroscedasticity

Source	chi2	df	p
Heteroskedasticity	74.88	32	0.0000
Skewness	12.53	9	0.1849
Kurtosis	0.96	1	0.3284
Total	88.37	42	0.0000

P-value < .01 Reject null hypothesis

Table 5: Robust Standard Errors

* = significant at the 10% level
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 *** = significant at the 1% level

Linear regression				Number of obs		222	
				F(9, 212)	=	11.99	
				Prob > F	=	0.0000	
				R-squared	=	0.2840	
				Root MSE	=	.76681	

		Robust					
lnprice		Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
-----+-----							
set		-.2537083	.2146758	-1.18	0.239	-.6768808	.1694642
blue		.1753282	.1260421	1.39*	0.166	-.0731282	.4237846
vase		.3272298	.1421065	2.30**	0.022	.047107	.6073525
italian		-.9143907	.2700985	-3.39***	0.001	-1.446813	-.381968

Table 6: Dropped Origin Variables

* = significant at the 10% level
 ** = significant at the 5% level
 *** = significant at the 1% level

Linear regression				Number of obs		=	222
				F(7, 214)		=	10.81
				Prob > F		=	0.0000
				R-squared		=	0.2481
				Root MSE		=	.78212

		Robust					
lnprice		Coef.	Std. Err.	t	P> t	[95% Conf. Interval]	
-----+							
set		-.3020937	.2189938	-1.38	0.169	-.7337548	.1295674
blue		.1662655	.1276949	1.30*	0.194	-.0854353	.4179664
vase		.2568847	.1064648	2.41***	0.017	.0470307	.4667387
artist		.4680335	.1304856	3.59***	0.000	.2108319	.725235