

Regression Coefficients for Reduced Predictors

Regression Coefficients - Q8					
	Value	Std. Error	t value	Pr(> t)	Signif
(Intercept)	-19.220	8.703	-2.209	0.032	3.00%
Q1	3.557	1.442	2.466	0.017	2.00%
Q61	5.057	1.905	2.654	0.011	1.00%
Rev02	0.000	0.000	1.877	0.066	7.00%
Q69	4.029	1.693	2.380	0.021	2.00%
Q78	3.495	1.890	1.850	0.070	7.00%
Q72	1.129	0.584	1.936	0.059	6.00%
Q73	-3.165	1.551	-2.041	0.047	5.00%

Regression Coefficients - Q17					
	Value	Std. Error	t value	Pr(> t)	Signif
(Intercept)	-5.242	6.931	-0.756	0.452	
Q1	2.042	1.102	1.853	0.068	7.00%
Q78	3.171	1.530	2.073	0.042	4.00%
Q73	-0.555	1.161	-0.478	0.634	
Q52	-2.033	1.767	-1.151	0.254	
Q57	1.967	1.278	1.539	0.128	

Regression Coefficients - Q11c					
	Value	Std. Error	t value	Pr(> t)	Signif
(Intercept)	-67.970	28.269	-2.404	0.019	2.00%
Q2	26.817	8.213	3.265	0.002	0.00%
Q61	12.961	6.716	1.930	0.059	6.00%
Rev02	0.002	0.001	3.207	0.002	0.00%
Allgive02	0.000	0.000	-1.396	0.168	
Q72	5.004	2.160	2.317	0.024	2.00%
Q73	-16.247	5.231	-3.106	0.003	0.00%
Q44	9.851	5.817	1.694	0.096	10.00%

Regression Coefficients - Q20c					
	Value	Std. Error	t value	Pr(> t)	Signif
(Intercept)	31.980	32.678	0.979	0.332	
Q2	14.083	4.651	3.028	0.004	0.00%
Q61	-6.143	3.825	-1.606	0.114	
Rev02	0.001	0.000	1.671	0.100	10.00%
Q62	-31.025	13.006	-2.386	0.020	2.00%
Q72	3.399	0.758	4.487	0.000	0.00%
Q73	-7.645	2.945	-2.596	0.012	1.00%
Q57	6.695	3.090	2.167	0.035	3.00%
Q83	15.660	6.371	2.458	0.017	2.00%

Diagnostics for Reduced Predictors

Regression Coefficients - Q8

$R^2 = .60$

Residuals:

Min 1Q Median 3Q Max
-33.62 -8.091 -0.7065 8.312 28.87

data: model.reduced.q8\$residuals
ks = 0.0826, p-value = 0.5
mean of x standard deviation of x
6.125368e-016 14.32869

The calculated p-value is 0.39 and so is set to 0.5 . in: dall.wilk(test, nx)

Residual standard error: 15.3 on 50 degrees of freedom

Multiple R-Squared: 0.5951

F-statistic: 10.5 on 7 and 50 degrees of freedom, the p-value is 4.953e-008

23 observations deleted due to missing values

Regression Coefficients - Q17

$R^2 = .19$

Residuals:

Min 1Q Median 3Q Max
-23.49 -9.778 -3.565 5.124 56.22

data: model.reduced.q17\$residuals
ks = 0.1736, p-value = 0
mean of x standard deviation of x
1.3265e-016 14.91628

Residual standard error: 15.43 on 71 degrees of freedom

Multiple R-Squared: 0.1867

F-statistic: 3.261 on 5 and 71 degrees of freedom, the p-value is 0.01045

4 observations deleted due to missing values

Regression Coefficients - Q11c

$R^2 = .47$

Residuals:

Min 1Q Median 3Q Max
-111.1 -38.56 -7.834 17.84 220.9

data: model.reduced.q11c\$residuals
ks = 0.1298, p-value = 0.0076
mean of x standard deviation of x
-1.668699e-015 54.8064

Residual standard error: 58.02 on 58 degrees of freedom

Multiple R-Squared: 0.4679

F-statistic: 7.285 on 7 and 58 degrees of freedom, the p-value is 2.946e-006

15 observations deleted due to missing values

Regression Coefficients - Q20c

$R^2 = .62$

Residuals:

Min 1Q Median 3Q Max
-82.4 -20.46 -2.232 13.95 99.63

data: model.reduced.q20c\$residuals
ks = 0.0919, p-value = 0.5
mean of x standard deviation of x
2.368476e-015 30.85649

The calculated p-value is 0.171 and so is set to 0.5 . in: dall.wilk(test, nx)

Residual standard error: 32.95 on 57 degrees of freedom

Multiple R-Squared: 0.6235

F-statistic: 11.8 on 8 and 57 degrees of freedom, the p-value is 9.898e-010

15 observations deleted due to missing values