

Canadian Prestige data

Obs	occupation	education	income	women	prestige	census	type
1	GOV.ADMINISTRATORS	13.11	12351	11.16	68.8	1113	prof
2	GENERAL.MANAGERS	12.26	25879	4.02	69.1	1130	prof
3	ACCOUNTANTS	12.77	9271	15.70	63.4	1171	prof
4	PURCHASING.OFFICERS	11.42	8865	9.11	56.8	1175	prof
5	CHEMISTS	14.62	8403	11.68	73.5	2111	prof
6	PHYSICISTS	15.64	11030	5.13	77.6	2113	prof
7	BIOLOGISTS	15.09	8258	25.65	72.6	2133	prof
8	ARCHITECTS	15.44	14163	2.69	78.1	2141	prof
9	CIVIL.ENGINEERS	14.52	11377	1.03	73.1	2143	prof
10	MINING.ENGINEERS	14.64	11023	0.94	68.8	2153	prof

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
education	102	10.7380392	2.7284442	6.3800000	15.9700000
income	102	6797.90	4245.92	611.0000000	25879.00
women	102	28.9790196	31.7249306	0	97.5100000
prestige	102	46.8333333	17.2044856	14.8000000	87.2000000
census	102	5401.77	2644.99	1113.00	9517.00

The REG Procedure
Model: MODEL1
Dependent Variable: prestige

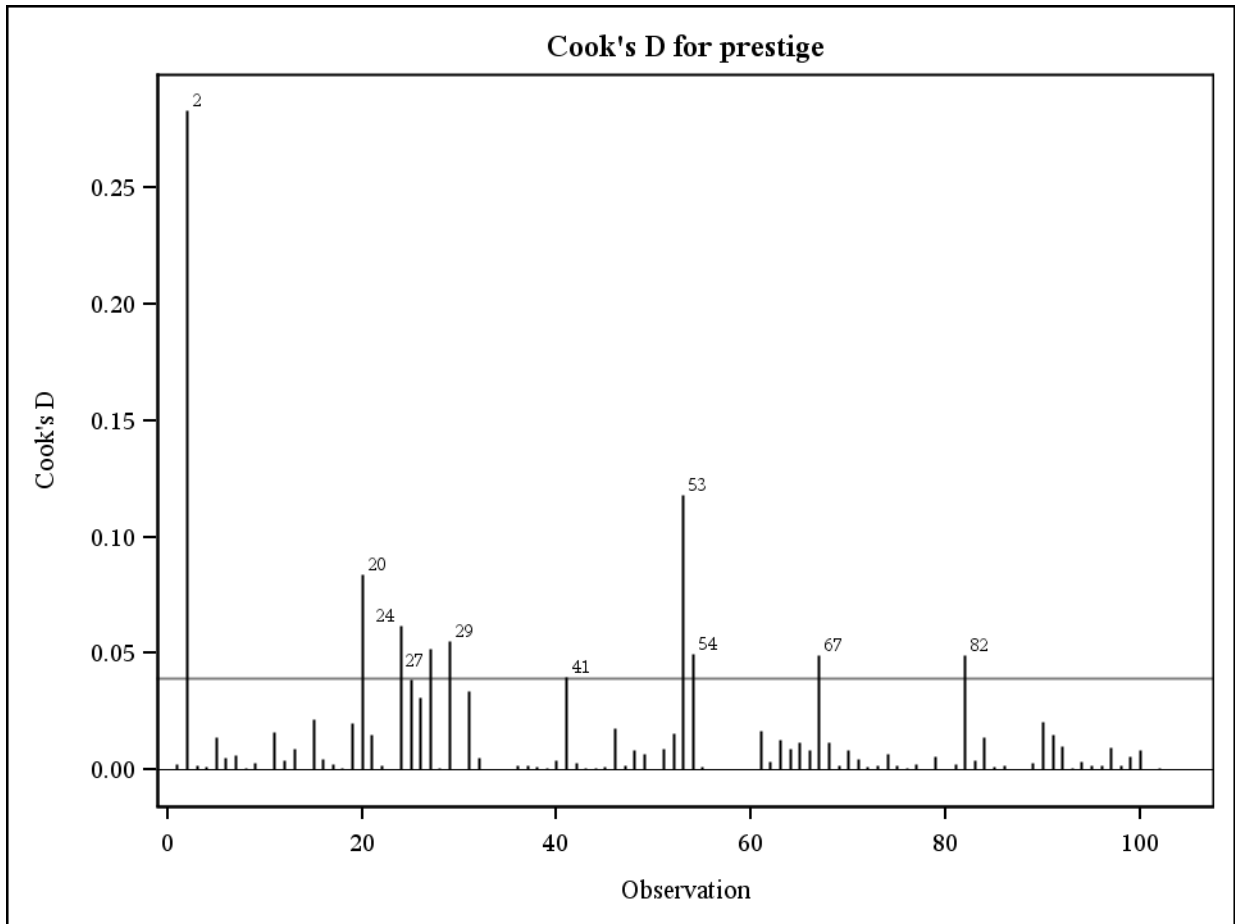
Number of Observations Read	102
Number of Observations Used	102

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	23862	7953.95216	129.19	<.0001
Error	98	6033.57019	61.56704		
Corrected Total	101	29895			

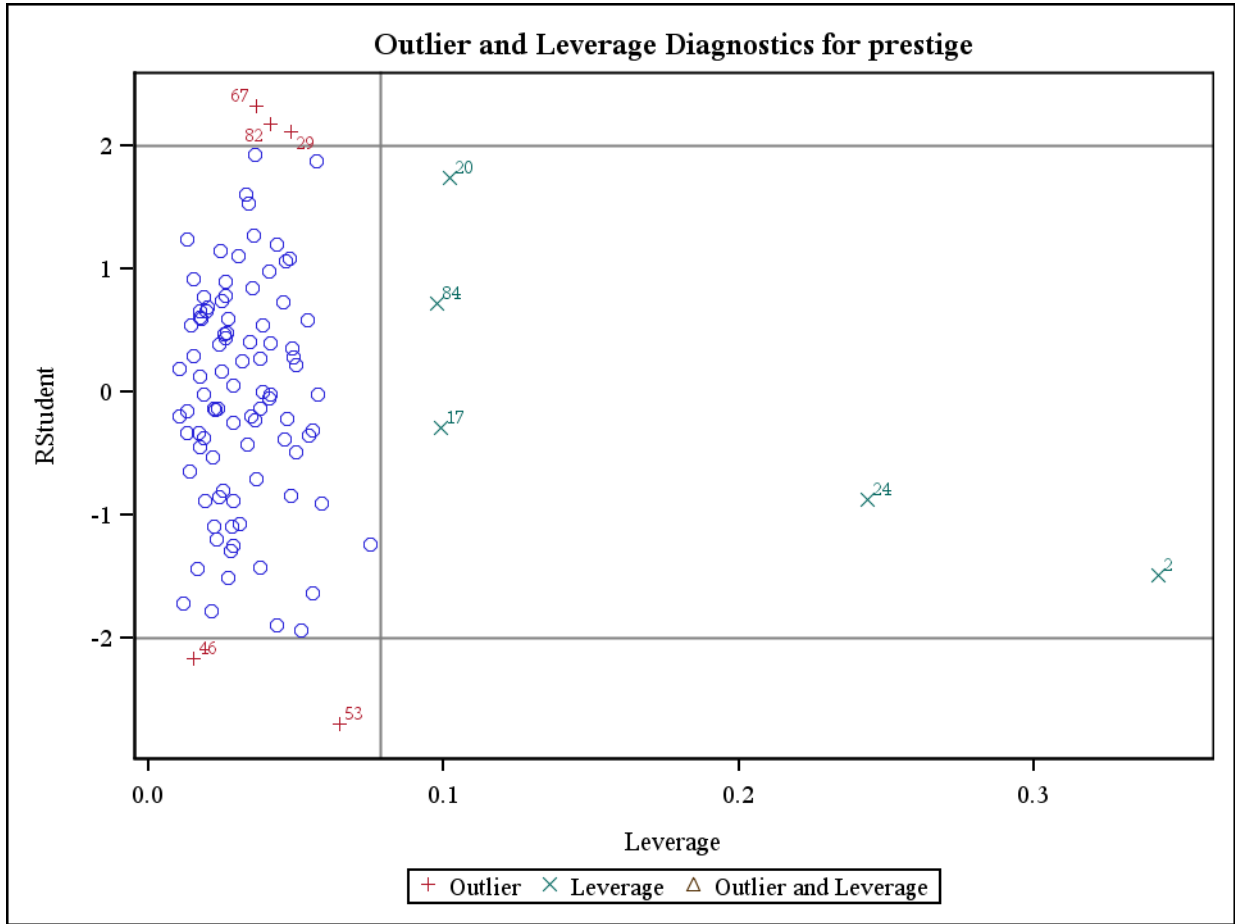
Root MSE	7.84647	R-Square	0.7982
Dependent Mean	46.83333	Adj R-Sq	0.7920
Coeff Var	16.75402		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	-6.79433	3.23909	-2.10	0.0385
education	1	4.18664	0.38870	10.77	<.0001
income	1	0.00131	0.00027778	4.73	<.0001
women	1	-0.00891	0.03041	-0.29	0.7702

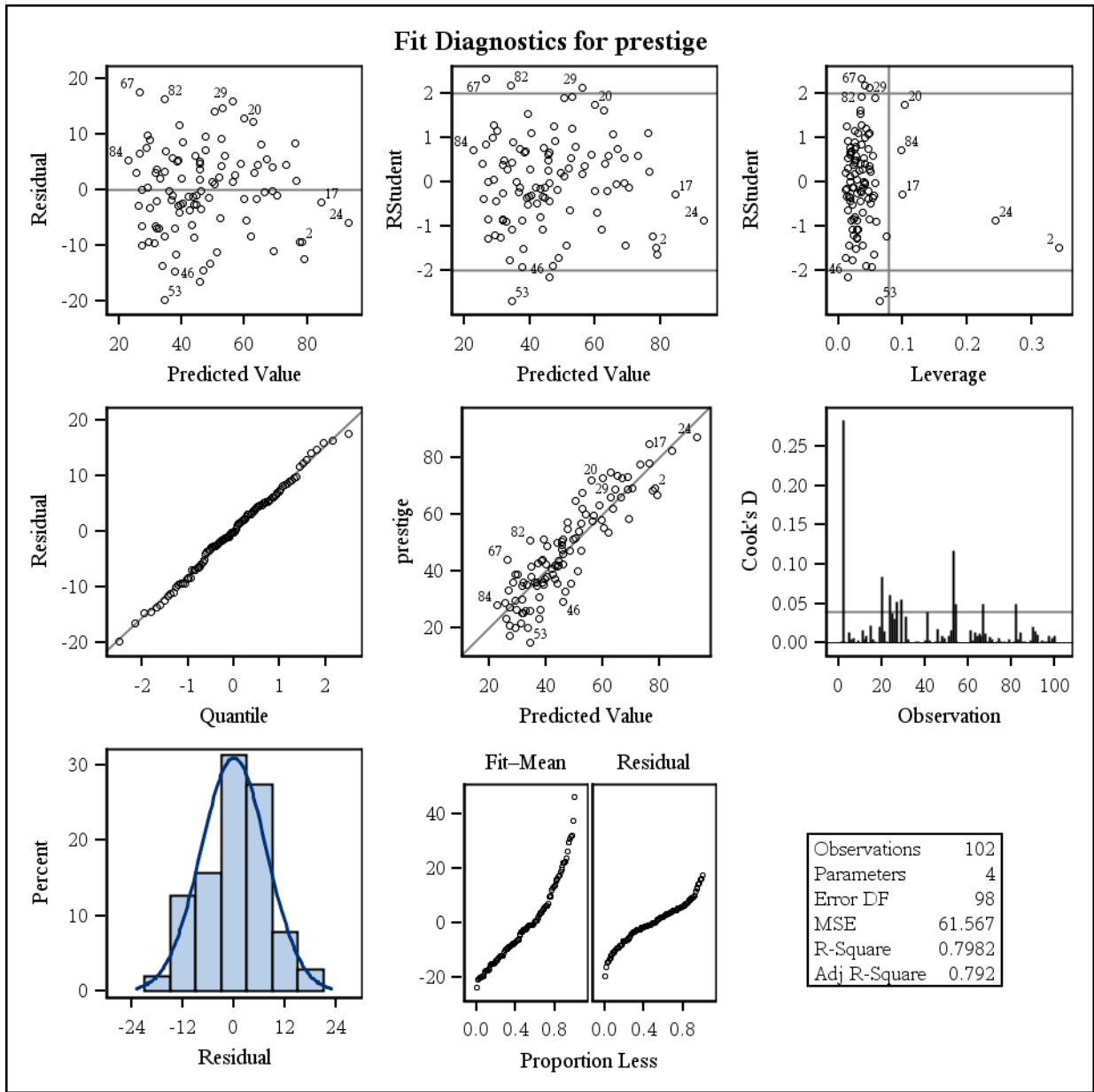
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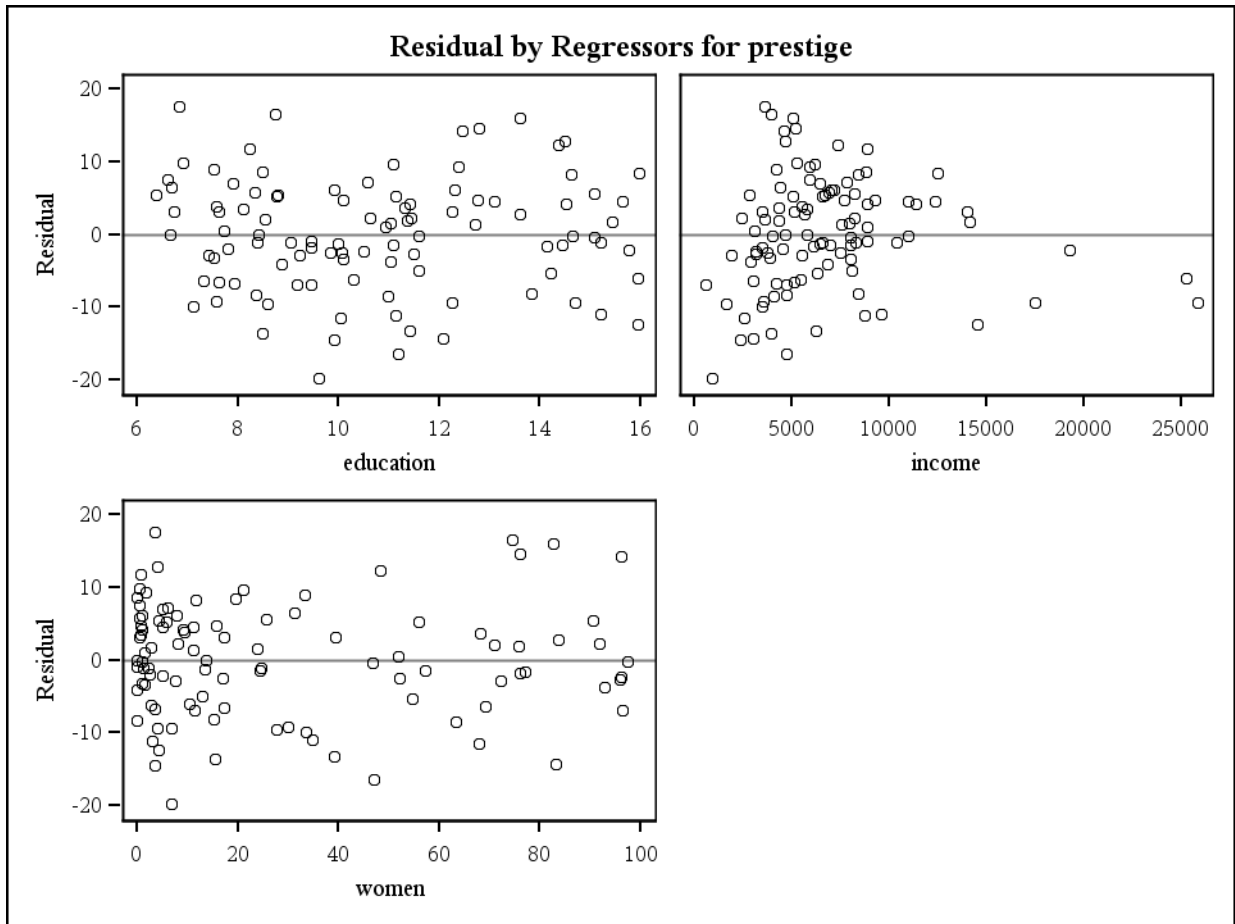
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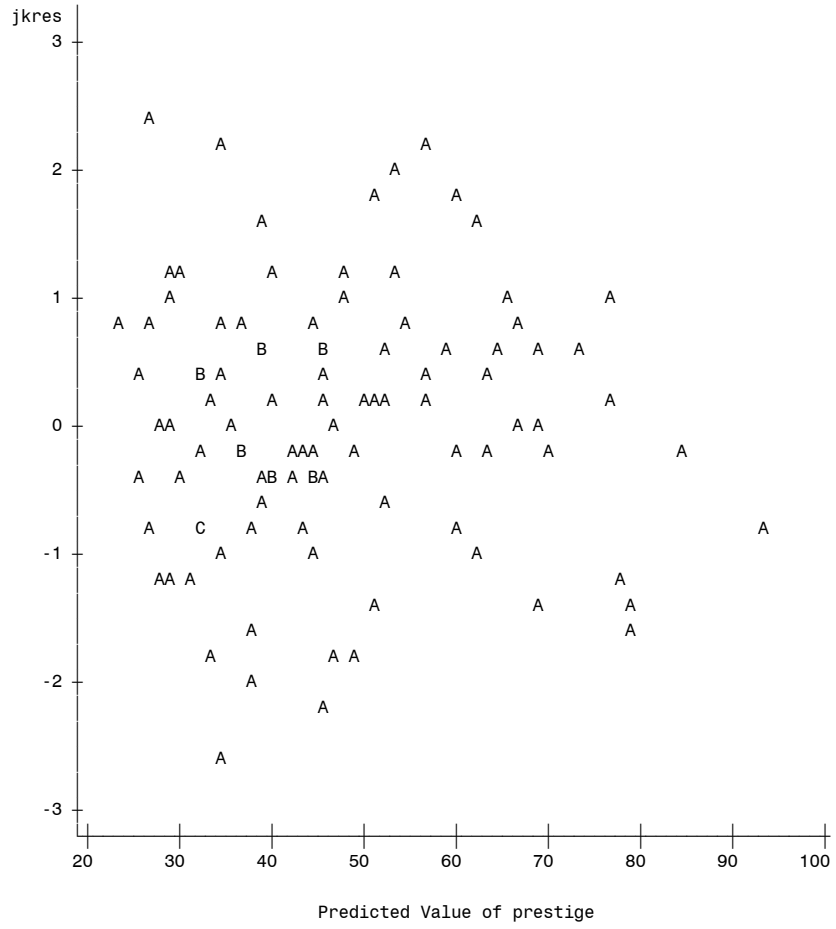


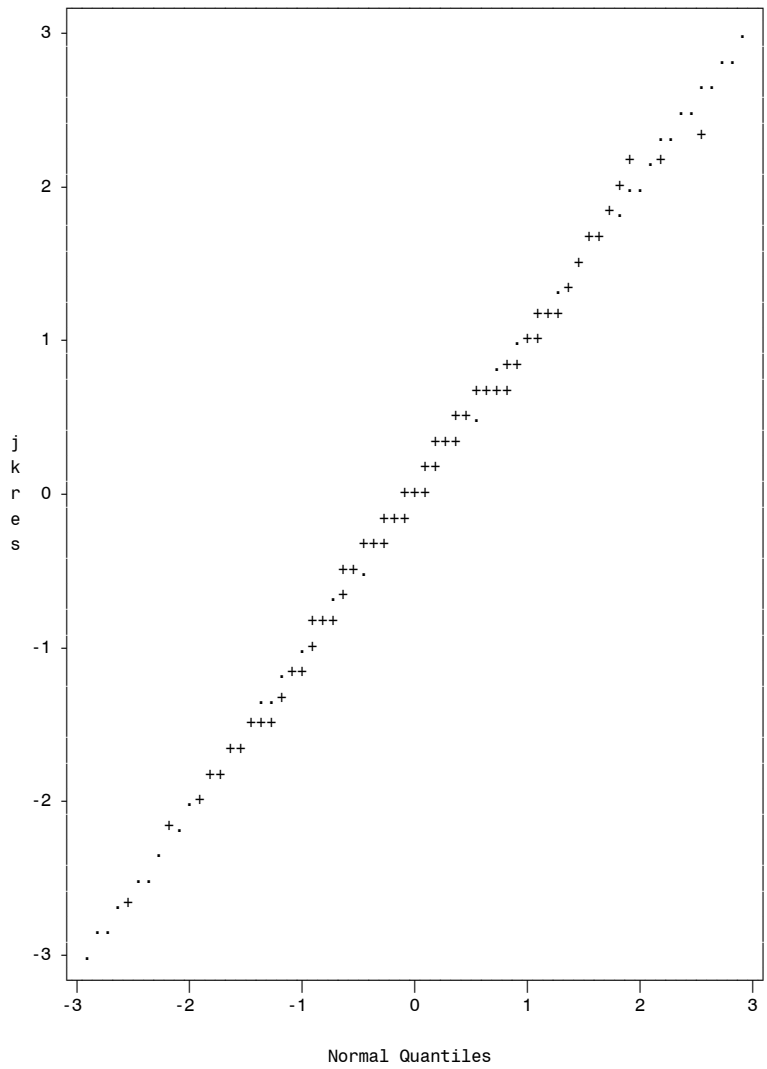
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Plot of jkres*pred. Legend: A = 1 obs, B = 2 obs, etc.





Normal Line: ... Mu=-0.003, Sigma=1.0184
Observations: + (46 Hidden)