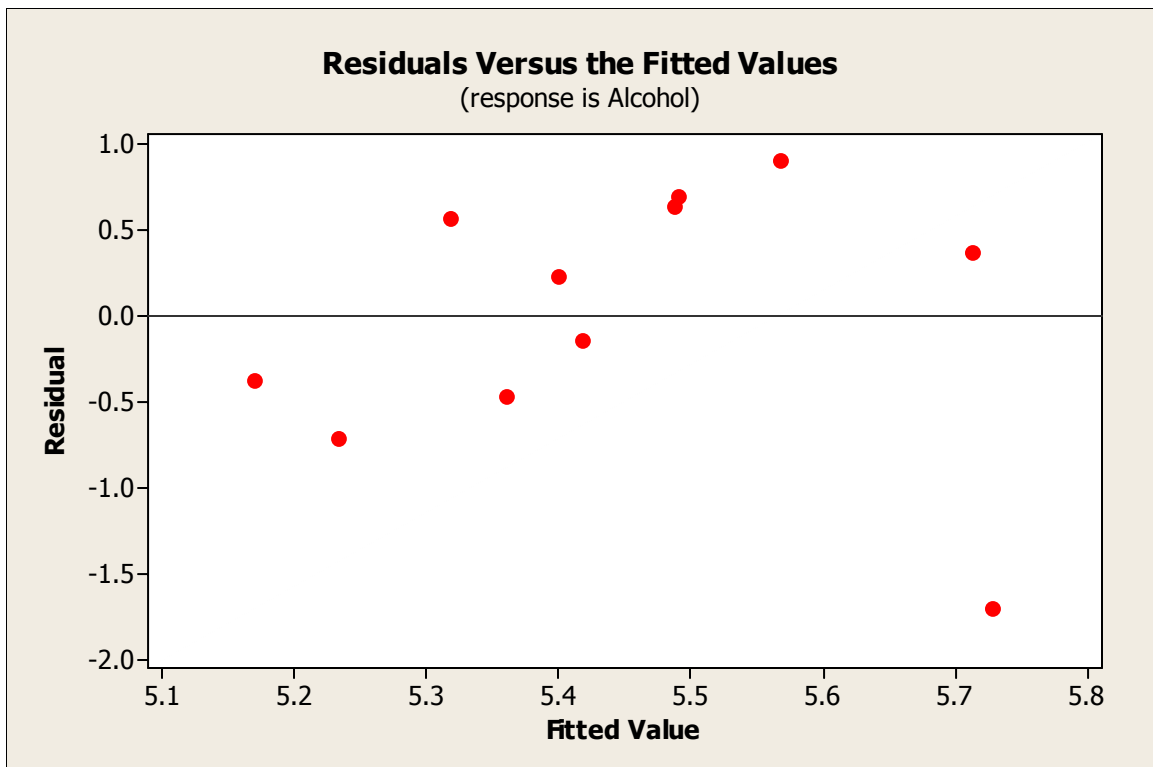
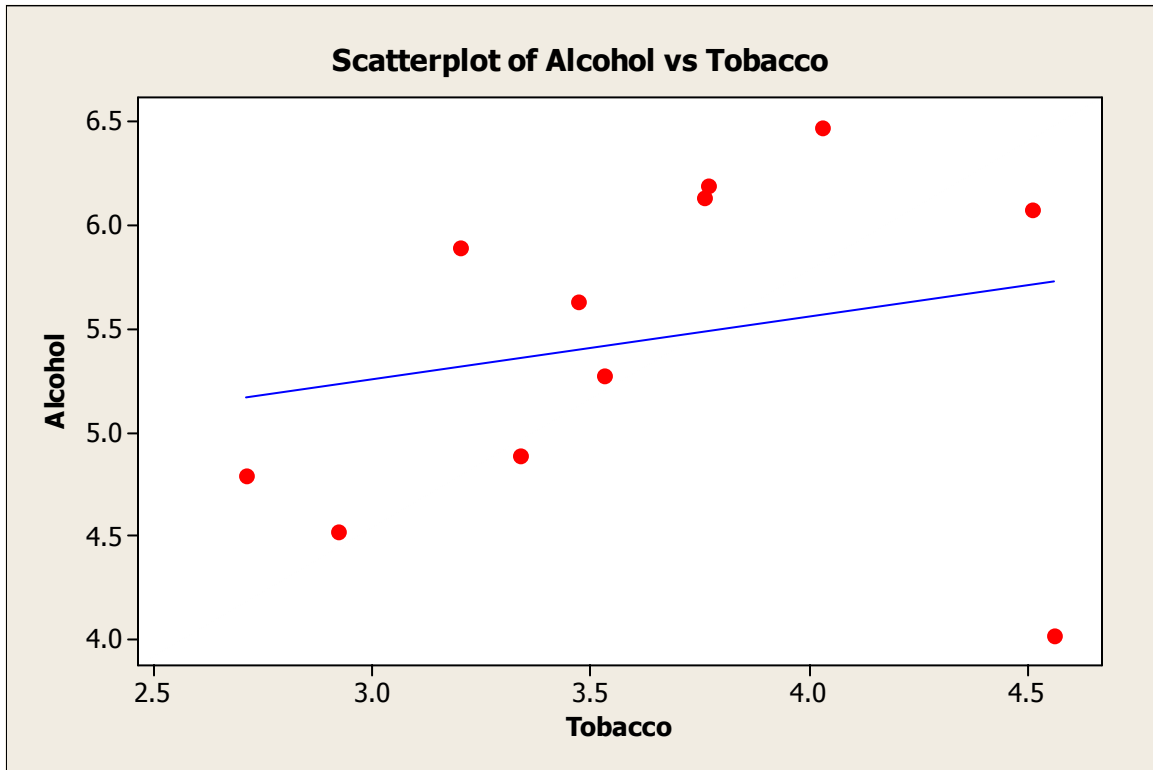
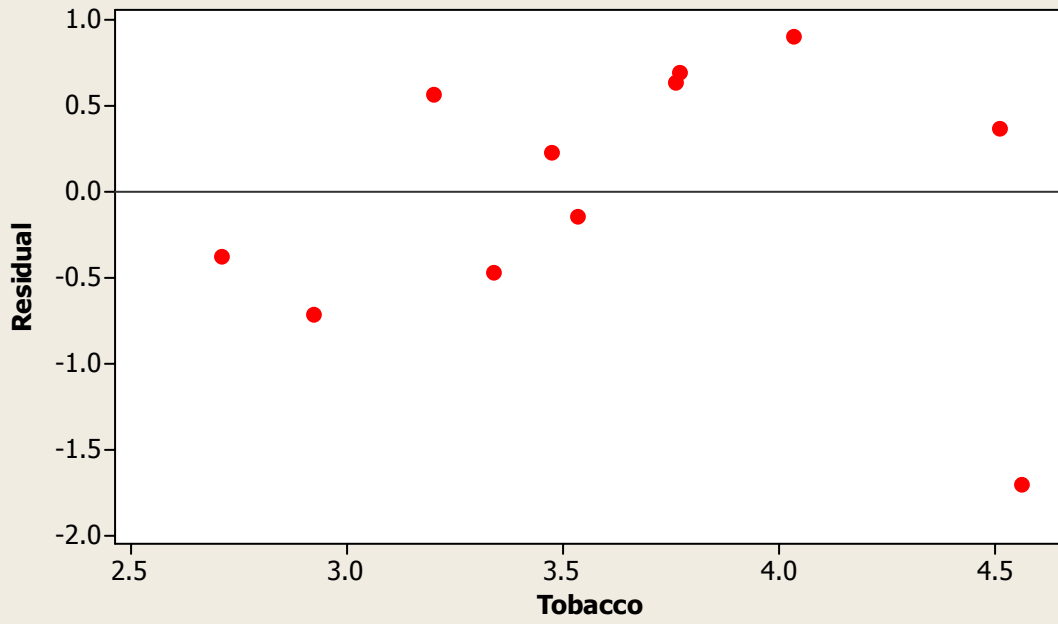
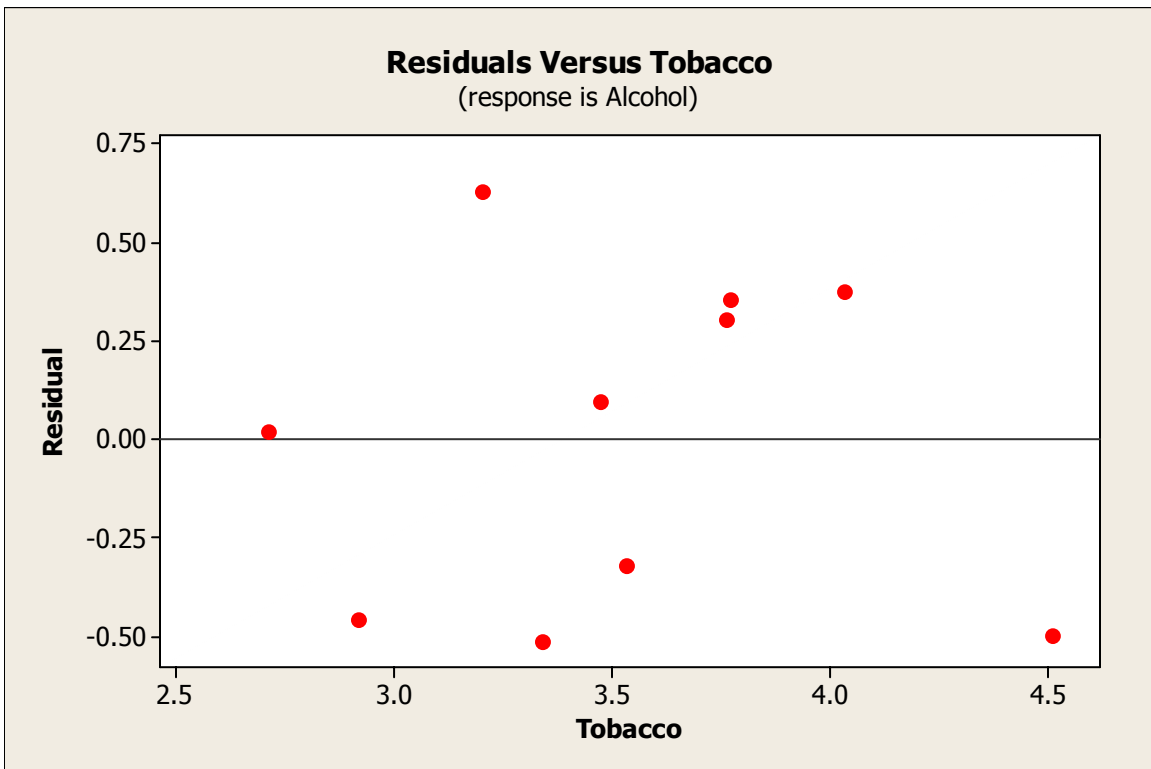
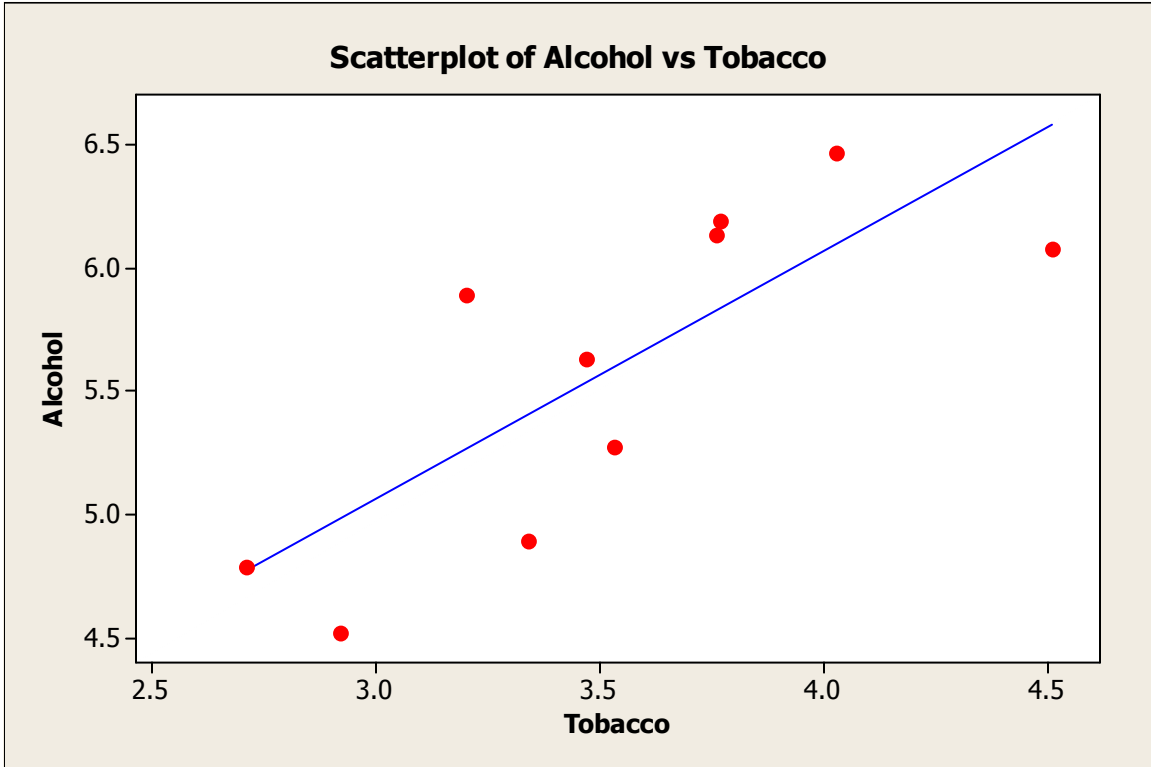


Reference: Moore, David S., and George P. McCabe (1989). Introduction to the Practice of Statistics, p. 179. Original source: Family Expenditure Survey, Department of Employment, 1981 (British official statistics)



Residuals Versus Tobacco
(response is Alcohol)





With Outlier (Northern Ireland)

The regression equation is
Alcohol = 4.35 + 0.302 Tobacco

Predictor	Coef	SE Coef	T	P
Constant	4.351	1.607	2.71	0.024
Tobacco	0.3019	0.4388	0.69	0.509

S = 0.819630 R-Sq = 5.0% R-Sq(adj) = 0.0%

Without Outlier

The regression equation is
Alcohol = 2.04 + 1.01 Tobacco

Predictor	Coef	SE Coef	T	P
Constant	2.041	1.001	2.04	0.076
Tobacco	1.0059	0.2813	3.58	0.007

S = 0.446020 R-Sq = 61.5% R-Sq(adj) = 56.7%