

Multiple Regression of Gas on Temp and Insul

No Interaction Model

Response: Gas
Explanatory: Temp, Insul

Summary of Fit

RSquare	0.919285
RSquare Adj	0.915347
Root Mean Square Error	0.299256
Mean of Response	4.397727
Observations (or Sum Wgts)	44

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Ratio
Model	2	41.818052	20.9090	233.4791
Error	41	3.671720	0.0896	Prob > F
C. Total	43	45.489773		<.0001

Parameter Estimates

Term	Estimate	Std Error	t Ratio	Prob> t
Intercept	6.7171185	0.116864	57.48	<.0001
Temp	-0.367686	0.01889	-19.47	<.0001
Insul	-1.794624	0.103536	-17.33	<.0001

