Regression Analysis: y versus x1, x2, x3, x4

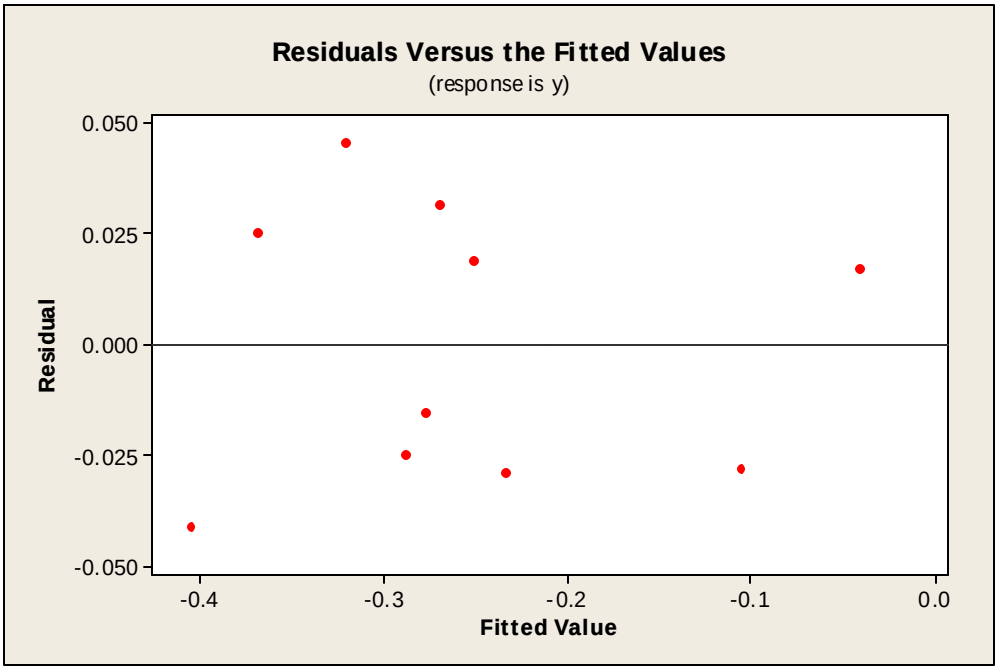
The regression equation is
y = 0.087 - 0.0354 x1 + 0.00473 x2 - 0.00191 x3 - 0.120 x4

Predictor	Coef	SE Coef	T	P	VIF
Constant	0.0873	0.3119	0.28	0.791	
x1	-0.035384	0.009336	-3.79	0.013	4.4
x2	0.004726	0.004765	0.99	0.367	2.1
x3	-0.001913	0.004189	-0.46	0.667	5.3
x4	-0.12008	0.02381	-5.04	0.004	1.2

S = 0.0411904 R-Sq = 92.9% R-Sq(adj) = 87.2%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	4	0.110575	0.027644	16.29	0.005
Residual Error	5	0.008483	0.001697		
Total	9	0.119059			



Regression Analysis: y versus x1, x4

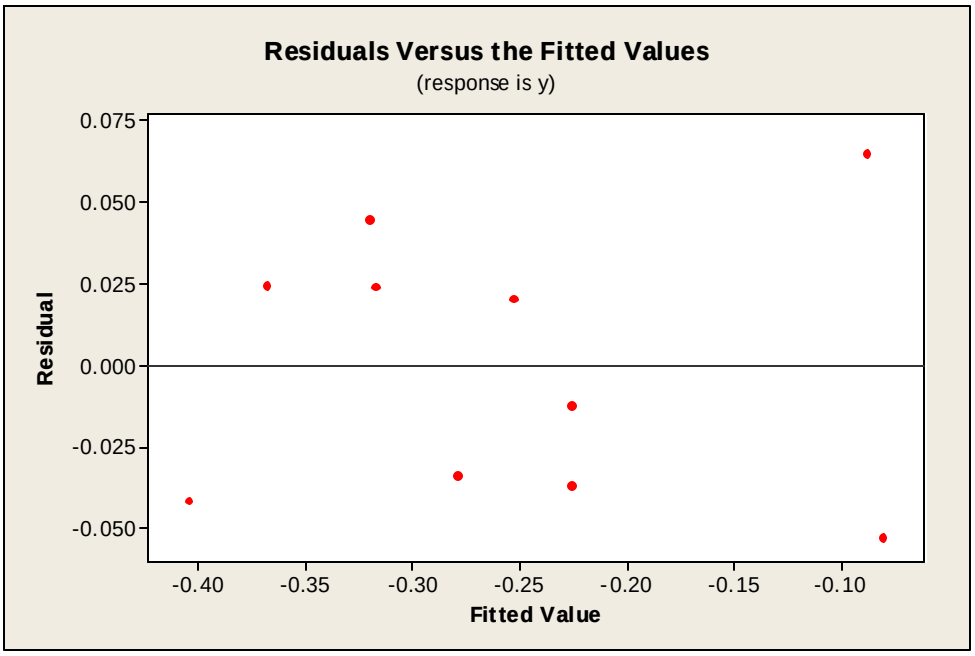
The regression equation is
y = - 0.0069 - 0.0327 x1 - 0.121 x4

Predictor	Coef	SE Coef	T	P	VIF
Constant	-0.00688	0.04163	-0.17	0.873	
x1	-0.032657	0.005228	-6.25	0.000	1.1
x4	-0.12068	0.02539	-4.75	0.002	1.1

S = 0.0463310 R-Sq = 87.4% R-Sq(adj) = 83.8%

Analysis of Variance

Source	DF	SS	MS	F	P
Regression	2	0.104033	0.052016	24.23	0.001
Residual Error	7	0.015026	0.002147		
Total	9	0.119059			


Residuals Versus the Fitted Values
(response is y)
Residual
0.075
0.050
0.025
0.000
-0.025
-0.050
-0.40
-0.35
-0.30
-0.25
-0.20
-0.15
-0.10
Fitted Value