

Dependent Variable: Y1  
 Method: Least Squares  
 Date: 11/01/07 Time: 14:42  
 Sample: 1 10  
 Included observations: 10  
 Convergence achieved after 7 iterations  
 $Y1=C(1)*X1^2/(X1^2-C(2))$

	Coefficient	Std. Error	t-Statistic	Prob.
C(1)	6.774020	0.597597	11.33544	0.0000
C(2)	-32.13265	7.194460	-4.466305	0.0021
R-squared	0.963508	Mean dependent var		3.071481
Adjusted R-squared	0.958946	S.D. dependent var		1.593178
S.E. of regression	0.322806	Akaike info criterion		0.753326
Sum squared resid	0.833629	Schwarz criterion		0.813843
Log likelihood	-1.766628	Durbin-Watson stat		0.311268

Gradients of the objective function at estimated parameters

Equation: EQ01  
 Method: Least Squares  
 Specification:  $Y1=C(1)*X1^2/(X1^2-C(2))$   
 Computed using analytic derivatives

Coefficient	Sum	Mean	Newton Dir.
C(1)	4.79E-07	4.79E-08	-1.42E-06
C(2)	4.33E-08	4.33E-09	1.92E-05