

The REG Procedure
Model: MODEL1
Dependent Variable: y

Number of Observations Read	40
Number of Observations Used	40

Weight: varweight

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	2	249.45764	124.72882	127.27	<.0001
Error	37	36.26225	0.98006		
Corrected Total	39	285.71990			

Root MSE	0.98998	R-Square	0.8731
Dependent Mean	84.03807	Adj R-Sq	0.8662
Coeff Var	1.17801		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > t
Intercept	1	141.56119	4.42486	31.99	<.0001
voltage	1	-0.92416	0.08538	-10.82	<.0001
velocity	1	-0.12392	0.01073	-11.55	<.0001

bhat
141.56119
-0.924162
-0.123918

varwls		
19.579354	-0.368482	-0.009158
-0.368482	0.007289	-0.000014
-0.009158	-0.000014	0.0001152

stderr		
4.4248563	0	0
0	0.0853756	0
0	0	0.0107313