The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
yield	10	5.5900000	0.5566766	4.7000000	6.3000000
soil_health	10	6.6700000	0.3335000	6.2000000	7.2000000
biodiversity	10	0.7610000	0.0428045	0.6800000	0.8200000

The CORR Procedure

3 Variables:	yield soil_health biodiversity

Simple Statistics						
Variable	N	Mean	Std Dev	Sum	Minimum	Maximum
yield	10	5.59000	0.55668	55.90000	4.70000	6.30000
soil_health	10	6.67000	0.33350	66.70000	6.20000	7.20000
biodiversity	10	0.76100	0.04280	7.61000	0.68000	0.82000

Pearson Correlation Coefficients, N = 10 Prob > |r| under H0: Rho=0			
	yield	soil_health	biodiversity
yield	1.00000	-0.88756 0.0006	-0.33993 0.3365
soil_health	-0.88756 0.0006	1.00000	0.03347 0.9269
biodiversity	-0.33993 0.3365	0.03347 0.9269	1.00000

The GLM Procedure

Number of Observations Read	10
Number of Observations Used	10

The GLM Procedure

Dependent Variable: yield

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	2.46749844	0.82249948	15.35	0.0032
Error	6	0.32150156	0.05358359		
Corrected Total	9	2.78900000			

R-Square	Coeff Var	Root MSE	yield Mean
0.884725	4.140989	0.231481	5.590000

Source	DF	Type I SS	Mean Square	F Value	Pr > F
organic_practices	1	0.98816667	0.98816667	18.44	0.0051
soil_health	1	1.24324734	1.24324734	23.20	0.0029
biodiversity	1	0.23608443	0.23608443	4.41	0.0806

Source	DF	Type III SS	Mean Square	F Value	Pr > F
organic_practices	1	0.00169009	0.00169009	0.03	0.8649
soil_health	1	1.43386501	1.43386501	26.76	0.0021
biodiversity	1	0.23608443	0.23608443	4.41	0.0806

Parameter	Estimate	Standard Error	t Value	Pr > |t|
Intercept	18.72899236	2.64028693	7.09	0.0004
organic_practices	0.03568755	0.20094502	0.18	0.8649
soil_health	-1.49488800	0.28898177	-5.17	0.0021
biodiversity	-4.19119831	1.99673510	-2.10	0.0806

The REG Procedure
Model: MODEL1
Dependent Variable: yield

Number of Observations Read	10
Number of Observations Used	10

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	3	2.46750	0.82250	15.35	0.0032
Error	6	0.32150	0.05358		
Corrected Total	9	2.78900			

Root MSE	0.23148	R-Square	0.8847
Dependent Mean	5.59000	Adj R-Sq	0.8271
Coeff Var	4.14099		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	18.72899	2.64029	7.09	0.0004
organic_practices	1	0.03569	0.20095	0.18	0.8649
soil_health	1	-1.49489	0.28898	-5.17	0.0021
biodiversity	1	-4.19120	1.99674	-2.10	0.0806

The REG Procedure
Model: MODEL1
Dependent Variable: yield

Fit Diagnostics for yield

Residual by Regressors for yield