

Current Data Source: C:\Users\Avik\Desktop\Giardia Surv Paper\Epiinfo Giardia
surv.xls:Sheet1\$

Record Count: 15 (Deleted Records Excluded) Date: 12-12-2013 17:03:25

REGRESS PER_Giardia = ACT_RAIN

Linear Regression

Variable	Coefficient	Std Error	F-test	P-Value
ACT_RAIN	0.000	0.002	0.0074	0.932738
CONSTANT	9.508	0.986	92.9913	0.000000

Correlation Coefficient: $r^2 = 0.00$

Source	df	Sum of Squares	Mean Square	F-statistic
Regression	1	0.066	0.066	0.007
Residuals	13	115.881	8.914	
Total	14	115.947		

REGRESS DIARRHEA = ACT_RAIN

Linear Regression

Variable	Coefficient	Std Error	F-test	P-Value
ACT_RAIN	0.014	0.020	0.5292	0.479835
CONSTANT	65.911	11.816	31.1160	0.000089

Correlation Coefficient: $r^2 = 0.04$

Source	df	Sum of Squares	Mean Square	F-statistic
Regression	1	677.513	677.513	0.529
Residuals	13	16642.976	1280.229	
Total	14	17320.489		

WRITE	
COMMANDNAME	WRITE
WRITEMODE	APPEND
OUTTARGET	Provider=Microsoft.Jet.OLEDB.4.0;Data Source="C:\Users\Avik\Desktop\Giardia Surv Paper\Mixed assocn data.mdb":Programs
STATUS	Export completed successfully, 15 records written.

```
READ {C:\Users\Avik\Desktop\Giardia Surv Paper\Epiinfo Giardia
surv.xls}: [Sheet1$]
REGRESS PER Giardia=ACT_RAIN
REGRESS DIARRHEA=ACT_RAIN
WRITE APPEND "Epi7" {Provider=Microsoft.Jet.OLEDB.4.0;Data
Source="C:\Users\Avik\Desktop\Giardia Surv Paper\Mixed assocn data.mdb"} :
Programs *
```

REGRESS Total = VC

Linear Regression

Variable	Coefficient	Std Error	F-test	P-Value
VC	1.565	0.131	141.7082	0.000000
CONSTANT	3.714	0.538	47.6870	0.000000

Correlation Coefficient: $r^2 = 0.72$

Source	df	Sum of Squares	Mean Square	F-statistic
Regression	1	1544.551	1544.551	141.708
Residuals	54	588.574	10.900	
Total	55	2133.125		

REGRESS Total = ROTA

Linear Regression

Variable	Coefficient	Std Error	F-test	P-Value
ROTA	1.796	0.361	24.7647	0.000007
CONSTANT	4.681	0.881	28.2220	0.000002

Correlation Coefficient: $r^2 = 0.31$

Source	df	Sum of Squares	Mean Square	F-statistic
Regression	1	670.684	670.684	24.765
Residuals	54	1462.441	27.082	
Total	55	2133.125		

REGRESS Total = TOTDIARRHEA

Linear Regression

Variable	Coefficient	Std Error	F-test	P-Value
TOTDIARRHEA	0.133	0.013	110.4603	0.000000
CONSTANT	-2.238	1.034	4.6892	0.034788

Correlation Coefficient: $r^2 = 0.67$

Source	df	Sum of Squares	Mean Square	F-statistic
Regression	1	1432.720	1432.720	110.460
Residuals	54	700.405	12.970	
Total	55	2133.125		

```

REGRESS PER_Giardia=ACT_RAIN
REGRESS DIARRHEA=ACT_RAIN
WRITE APPEND "Epi7" {Provider=Microsoft.Jet.OLEDB.4.0;Data
Source="C:\Users\Avik\Desktop\Giardia Surv Paper\Mixed assocn data.mdb"} :
Programs *
READ {C:\Users\Avik\Desktop\Giardia Surv Paper\Epiinfo Giardia
surv.xls}:[Sheet2$]
REGRESS PERTotal=PERVC
REGRESS Total=VC

LIST * GRIDTABLE
REGRESS Total=ROTA
REGRESS Total=TOTDIARRHEA

```