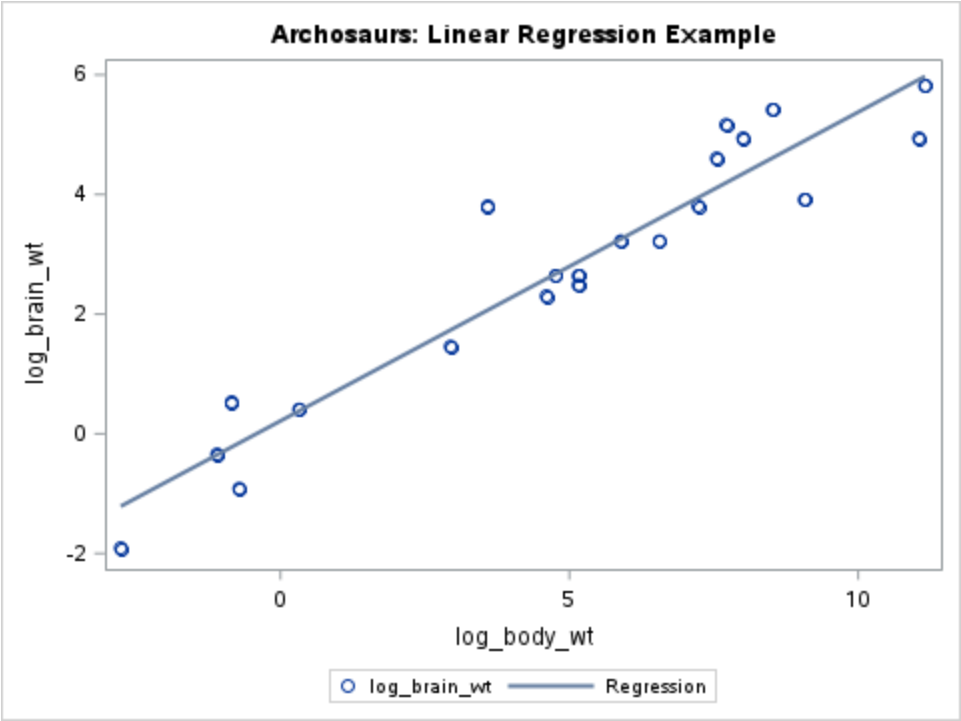


Archosaurs: Linear Regression Example

The CONTENTS Procedure

Alphabetic List of Variables for WORK.BRAIN
Body_Weight Brain_Weight Details Type



Archosaurs: Linear Regression Example

The REG Procedure

Model: MODEL1

Dependent Variable: log\_brain\_wt

Number of Observations Read	21
Number of Observations Used	21

Analysis of Variance					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	87.17316	87.17316	177.52	<.0001
Error	19	9.33022	0.49106		
Corrected Total	20	96.50338			

Root MSE	0.70076	R-Square	0.9033
Dependent Mean	2.76846	Adj R-Sq	0.8982
Coeff Var	25.31230		

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
Intercept	1	0.21507	0.24518	0.88	0.3913

Parameter Estimates					
Variable	DF	Parameter Estimate	Standard Error	t Value	Pr >  t
log_body_wt	1	0.51621	0.03874	13.32	<.0001

## Archosaurs: Linear Regression Example

The REG Procedure

Model: MODEL1

Dependent Variable: log\_brain\_wt

