

Edit Data

Descriptives

T-Tests

ANOVA

Mixed Models

Regression

Frequencies

Factor

Linear Regression

ID

baby.sleep

day

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▶

▶

▶

Model

Statistics

Method Specification

Plots

Dependent Variable

dan.grump

Method

Enter

Covariates

dan.sleep

Factors

WLS Weights (optional)

Linear Regression

Model Summary – dan.grump

Model	R	R ²	Adjusted R ²	RMSE
M ₀	0.000	0.000	0.000	10.050
M ₁	0.903	0.816	0.814	4.332

Note. M₁ includes dan.sleep

ANOVA

Model		Sum of Squares	df	Mean Square	F	p
M ₁	Regression	8159.876	1	8159.876	434.906	< .001
	Residual	1838.714	98	18.762		
	Total	9998.590	99			

Note. M₁ includes dan.sleep

Note. The intercept model is omitted, as no meaningful information can be shown.

Coefficients

Model		Unstandardized	Standard Error	Standardized	t	p
M ₀	(Intercept)	63.710	1.005		63.395	< .001
M ₁	(Intercept)	125.956	3.016		41.762	< .001
	dan.sleep	−8.937	0.429	−0.903	−20.854	< .001