Linear Regression to Predict Deaths based on Confirmed Cases

The REG Procedure
Model: MODEL1
Dependent Variable: deaths

Number of Observations Read	15
Number of Observations Used	15

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	1	36715	36715	442.14	<.0001
Error	13	1079.52781	83.04060		
Corrected Total	14	37795			

Root MSE	9.11266	R-Square	0.9714
Dependent Mean	32.73333	Adj R-Sq	0.9692
Coeff Var	27.83909		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	t Value	Pr > |t|
Intercept	1	-0.78921	2.84213	-0.28	0.7856
confirmCases	1	0.62620	0.02978	21.03	<.0001

Linear Regression to Predict Deaths based on Confirmed Cases

The REG Procedure
Model: MODEL1
Dependent Variable: deaths

Fit Diagnostics for deaths

Observations	15
Parameters	2
Error DF	13
MSE	83.041
R-Square	0.9714
Adj R-Square	0.9692

Residuals for deaths

Fit Plot for deaths

Observations	15
Parameters	2
Error DF	13
MSE	83.041
R-Square	0.9714
Adj R-Square	0.9692

Fit ☐ 95% Confidence Limits ------ 95% Prediction Limits