

Exercício 3

Warnings

The Cubic model could not be fitted due to near-collinearity among model terms.

Model Description

	Model Name	MOD_3
Dependent Variable	1	Percentagem
Equation	1	Linear
	2	Quadratic
	3	Cubic
	Independent Variable	Temperatura
	Constant	Included
	Variable Whose Values	Unspecified
	Label Observations in Plots	
	Tolerance for Entering	,0001
	Terms in Equations	

Case Processing Summary

	N
Total Cases	10
Excluded Cases ^a	0
Forecasted Cases	0
Newly Created Cases	0

a. Cases with a missing value in any variable are excluded from the analysis.

Variable Processing Summary

		Variables	
		Dependent	Independent
		Percentagem	Temperatura
	Number of Positive Values	10	10
	Number of Zeros	0	0
	Number of Negative Values	0	0
Number of Missing Values	User-Missing	0	0
	System-Missing	0	0

Model Summary and Parameter Estimates

Dependent Variable:Percentagem

Equation	Model Summary				
	R Square	F	df1	df2	Sig.
Linear	,149	1,401	1	8	,271
Quadratic	,673	7,189	2	7	,020
Cubic	,742	10,065	2	7	,009

The independent variable is Temperatura.

Model Summary and Parameter Estimates

Dependent Variable:Percentagem

Equation	Parameter Estimates			
	Constant	b1	b2	b3
Linear	6,104	-,018		
Quadratic	-22,360	,410	-,002	
Cubic	-4,599	,000	,002	-7,619E-6

The independent variable is Temperatura.

