POPULATION_LEVELS.CSV

One-way ANOVA: responses versus levels

Method

Null hypothesis	All means are equal
Alternative hypothesis	Not all means are equal
Significance level	α = 0.05

Equal variances were assumed for the analysis.

Factor Information

Factor	Levels	Values
levels	5	10, 30, 50, 70, 90

Analysis of Variance

Source	DF	Adj SS	Adj MS	F-Value	P-Value
levels	4	0.1	0.033	0.00	1.000
Error	295	77202.9	261.705		
Total	299	77203.0			

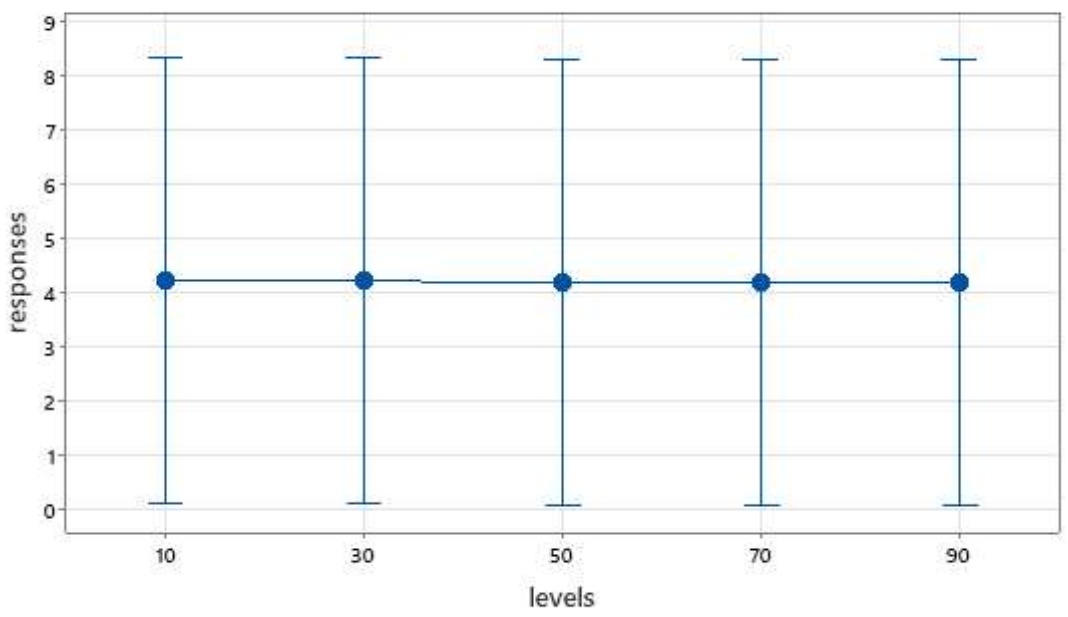
Model Summary

S	R-sq	R-sq(adj)	R-sq(pred)
16.1773	0.00%	0.00%	0.00%

Means

levels	N	Mean	StDev	95% CI
10	60	4.24	16.17	(0.13, 8.35)
30	60	4.21	16.18	(0.10, 8.32)
50	60	4.19	16.18	(0.08, 8.30)
70	60	4.19	16.18	(0.08, 8.30)
90	60	4.19	16.18	(0.08, 8.30)

Pooled StDev = 16.1773



The pooled standard deviation is used to calculate the intervals.