

DATA ANALYTICS WITH R, EXCEL AND TABLAEU

ASSIGNMENT non linear models assignment 2

ANSWERS

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Question no:

5)

1. Use the given link Data Set.

Answer the below questions:

a. What are the assumptions of ANOVA, test it out?

Ans

- Each group sample is drawn from a normally distributed population
- All populations have a common variance
- All samples are drawn independently of each other
- Within each sample, the observations are sampled randomly and independently of each other
- Factor effects are additive

b. Why ANOVA test? Is there any other way to answer the above question?

Ans Kruskal-Wallis **test** and the median **test**.