

Answer on Question #70769 – Math – Statistics and Probability

Question

In a project involving skinfold thickness measurements in three groups, a Levene statistic was reported at 3.286 with a significance of 0.68. Is the assumption of homogeneity of variance met for this ANOVA?

1. yes
2. No
3. can't tell

Solution

Since P-value (significance) is greater than 0.05, the Levene's test shows that the assumption of homogeneity of variance is met for this ANOVA.

Answer: 1. Yes