# Analysis of the precision  the F - adjusted test in longitudinal data

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**Abstract**: Analysis of repeated measures data is  performed by analysis of variance in the time split plot. By their nature, violating the homoscedasticity assumption of error variances two proposals were presented. It was evidenced that the a correction imposes greater precision in the F test, regardless of data balancing or imbalance.

**Keywords:** Analysis of variance; normal distribution; precision test

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