

## ABSTRACT

### COMPARISON TEST OF HOMOGENEITY VARIANCE ONE WAY CLASSIFICATION METHOD OF CONVENTIONAL WITH THE ANOMV METHOD

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To compare the means of several different treatments we commonly use the analysis of variance (ANOVA). One of the assumptions underlying the ANOVA is homogeneity of variances. Heterogeneity of variances can lead to unstable response of several treatment and effect the hypothesis testing. This research aimed to see the difference of *Bartlett's* test and *Levene's* test with the ANOMV method in testing the homogeneity of variances. The research shows that ANOMV method give similar result with *Bartlett's* test and *Levene's* test and more easily to interpretate since it gives graphical form.

**Key Words:** Homogeneity of variance, *Bartlett's* test, *Levene's* test, ANOMV method