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The Analysis of Variance

10.1 Single-Factor ANOVA

Single-Factor ANOVA

Single-factor ANOVA focuses on a comparison of more than two population or treatment means. Let

I = the number of populations or treatments being compared

α_1 = the mean of population 1 or the true average response when treatment 1 is applied

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α_I = the mean of population I or the true average response when treatment I is applied