

Request #: 468 - PSY - Dissertation

Harmonic Delay Reduction

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Background

I am studying the choices that pigeons make.

Sample

During this experiment I recorded the time it took pigeons to make choices and the rate of (amount of food divided by time) food that pigeons choices produced.

I had a sample size of 6 pigeons which was determined by a power analysis.

Hypothesis

H0: There is no difference between obtained and predicted times and rates.

HA: The times and rates differ from the predicted values.

Progress

I have cleaned the data, done exploratory summaries and conducted one-sample t-tests.

Request

My advisor is concerned about the number of t-tests that I am conducting across the three experiments in my paper and asked me to reach out to you to check if there was a better test to use. Right now I have been using Bonferroni adjusted t-tests.

Timeline

I am trying to complete these tests within the next 7- 10 days.