



## Saturday Morning Statistics #30

June 25<sup>th</sup>, 2022



### Multivariate analysis of variance (MANOVA)

- Uses the covariance between outcome variables in testing the statistical significance of the mean differences.
- Hypothesis:  $\sum_{\text{Model}} = \sum_{\text{Residual}}$ .
- Correlation among dependent variables affects the statistical power.



**Thank you for coming.**

### Insights of the Day

- Statistics is the study of uncertainty.
- Statistics and comedy are surprisingly similar.
- There may be no more powerful tool than statistics.

Thank you for making Saturday Morning Statistics happen!