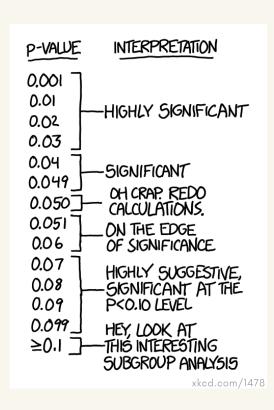
GAPS, MISSTEPS, & ERRORS IN STATISTICAL DATA ANALYSIS

A short course on essential concepts for rigorous practice & critical interpretation of statistical data analyses.

NOV 6 - DEC 4, 2019 | MW 3:00 - 4:50PM



Topics

Estimating error, uncertainty •
Underpowered statistics •
Multiple testing • P-hacking •
Pseudoreplication • Regression to
the mean • Double dipping •
Spurious associations •
Visualization challenges •
Reproducibility, replicability

Pre-reqs: 1) Familiarity with introductory statistics and probability. 2) Basic experience with data wrangling, analysis, and visualization using R/Python.

Students, postdocs, faculty welcome! bit.ly/statgaps2019_signup