Power & Sample Size Calculation Reference list

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Books

- Sample Size Tables for Clinical Studies. David Machin:
  https://catalog.library.cornell.edu/catalog/12127404
- Statistical Rules of Thumb - Chapter 2. Gerald Van Belle.
  http://www.vanbelle.org/chapters/webchapter2.pdf
- Sample Size Determination in Clinical Trials with Multiple Endpoints. Takashi Sozu.
  https://catalog.library.cornell.edu/catalog/11969555

Articles

- Selecting a sample size for studies with repeated measures. Yi Guo:
  https://bmcmedresmethodol.biomedcentral.com/articles/10.1186/1471-2288-13-100
- Sample Size Considerations for Multiple Comparison Procedures in ANOVA. Gordon
  Brooks: https://digitalcommons.wayne.edu/jmasm/vol10/iss1/10/

Lectures

- Sample size in adaptive clinical designs
  https://newcatalog.library.cornell.edu/catalog/10299679
- Introduction to flexible, adaptive trial design
  https://newcatalog.library.cornell.edu/catalog/7069151

Calculators

- Most statistical software packages have capabilities to address most commonly
  encountered sample size and power calculations:
    - SAS: proc power and proc glmpower
      https://documentation.sas.com/doc/en/statug/15.2/statug_power_overview.htm
      https://documentation.sas.com/doc/en/statug/15.2/statug_glmpower_overview.htm
    - R: power package, https://cran.r-project.org/web/packages/pwr/vignettes/pwr-vignette.html
    - Stata: power command, https://www.stata.com/manuals13/pss.pdf
    - JMP: under DOE> Design Diagnostics,
      https://www.jmp.com/support/help/14/power-analysis-3.shtml

- Other options available for free on the web:
  - G*Power. An easy to use free software for power analyses that can be used for t-tests, ANOVA, correlation, regression, and proportions. See http://www.gpower.hhu.de/
  - Online Sample Size Calculators for Designing Clinical Research: http://www.sample-size.net/
  - PANGEA- Power analysis for general ANOVA designs. Can handle multifactor ANOVA designs with random effects: https://jakewestfall.shinyapps.io/pangea/
  - Monte Carlo Power Analysis for Indirect Effects (mediation). Can estimate power for a one mediator or two mediator model: https://schoemanna.shinyapps.io/mc_power_med/

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