

Syllabus

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2022-01-12

Course Schedule

1. Data import and basic data wrangling
2. Data visualization and publication-ready figures
3. Basic hypothesis tests (e.g., chi-square, t-test, correlation)
4. Linear and generalized linear models (e.g., linear and logistic regression)
5. Multi-level models
6. Structural equation models
7. Advanced data manipulation - merging datasets, pivoting from wide to long and back
8. Functions and functionals
9. String manipulation
10. Simulation techniques for soothing reviewers