

The collection of monographs in Applied Statistics

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1 Applied Statistics

1.1 Courses

- Course website is <https://utstat.toronto.edu/reid/html/sta/sta2101f.html>.
- Course website is <https://github.com/MJAlexander/applied-stats-2021>.

1.2 R documents

- <https://www.rdocumentation.org/>
- Linear Models with R, Julian J. Faraway.
- Extending the Linear Model with R, J. Faraway.
- R for Data Science__ Import, Tidy, Transform, Visualize, and Model Data, Hadley Wickham, Garrett Grolemund.

1.3 Monographs

- Statistical Models, A. C. Davison.
- Principles of Applied Statistics, D. R. Cox, Christl A. Donnelly.
- An Introduction to Generalized Linear Models, Annette J. Dobson__ Adrian G Barnett.
- Bayesian Data Analysis, Andrew Gelman, John B. Carlin, Hal S. Stern, Donald B. Rubin.
- Data Analysis Using Regression and Multilevel-Hierarchical Models, Andrew Gelman__ Jennifer Hill.
- The Elements of Statistical Learning: Data Mining, Inference, and Prediction, Trevor Hastie, Robert Tibshirani, Jerome Friedman.