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| --- | --- | --- | --- | --- | --- |
| Author | Year | Title | Link | Lecture Fit | General Remarks |
| Cetinkaya-Rundel, M., & Hardin, J. | 2022 | Introduction to Modern Statistics | https://openintro-ims.netlify.app/ | Week 3:   * Slides 1-8: chapter 7 * Slides 15-17: chapter 24 (specific to SLR) or chapter 11-12 (general) * Slides 18-25: chapter 24 (specific to SLR) or chapter 11-12 (general) * Slides 28-33: chapter 8.3 (only R^2 covered)   Week 4:   * Slides 35-39: not covered   Week 5:   * Slides 1-20: chapter 8.4 (only model selection using stepwise procedure covered) * Slides 42-47: chapter 25 (elementary level) | * Textbook in webbook format * Applied and on an introductory level * Overall fit: + |
| Dalipaz, D. | 2022 | Applied Statistics with R | https://book.stat420.org/ | Week 3:   * Slides 1-8: chapter 7 * Slides 15-17: chapter 8-8.6 * Slides 18-25: chapter 8.7-8.10 * Slides 28-33: chapter 10.2 (only MSE) and chapter 16.1 (R^2, AIC, BIC)   Week 4:   * Slides 7-13: chapter 11.3 * Slides 35-39: chapter 11.3 * Slides 40-46: chapter 14.2   Week 5:   * Slides 1-20: chapter 16.2   Week 7:   * Slides 25-28: chapter 7.5 | * Textbook in webbook format * Highly applied and on an introductory level (i.e. little to no math notation) * Covers all topics from the lecture * Overall fit: ++ |
| Faraway, J. J. | 2002 | Practical Regression and ANOVA Using R | <https://cran.r-project.org/doc/contrib/Faraway-PRA.pdf> | Week 3:   * Slides 1-8: either chapter 2 or walkthrough example (i.e. chapter 13) * Slides 15-17: Not covered * Slides 18-25: chapter 3.3 to 3.6 * Slides 23-33: chapter 2.11 (only R^2 covered)   Week 4:   * Slides 35-39: not covered * Slides 40-46: chapter 8.2   Week 5:   * Slides 1-20: chapter 10 | * Textbook in pdf format * Persistent use of matrix notation * Perhaps a little bit outdated * Overall fit: +- |
| Hanck, C., Arnold, M., Gerber, A., & Schmelzer M. | 2021 | Introduction to Econometrics with R | https://www.econometrics-with-r.org/index.html | Week 3:   * Slides 1-8: chapter 4-4.2 * Slides 15-17: chapter 4.5 * Slides 18-25: chapter 5-5.2 * Slides 28-33: chapter 4.3 (only R^2 covered)   Week 4:   * Slides 22-24: chapter 6.1 * Slides 35-39: chapter 8.3 | * Textbook in webbook format * Applied to econometric analysis and thus a lot of econometric jargon * Overall fit: + |
| James, G., Witten, D., Hastie, T., & Tibshirani R. | 2021 | An Introduction to Statistical Learning: With Applications in R. | https://www.statlearning.com/ | Week 3:   * Slides 1-8: chapter 3.1 * Slides 15-17: Not covered * Slides 18-25: chapter 3.1.2 * Slides 28-33: chapter 3.1.3 (R^2) and chapter 2.2 (MSE   Week 4:   * Slides 35-39: not covered * Slides 40-46: chapter 7   Week 5:   * Slides 1-20: chapter 3.2.2 * Slides 37-41: chapter 5 * Slides 42-47: chapter 5 | * Textbook in pdf format * Most chapters cover more advanced topics (perhaps to advanced for the lecture) * Overall fit: + |
| Kerns, G. J. | 2010 | Introduction to Probability and Statistics Using R | https://www.atmos.albany.edu/facstaff/timm/ATM315spring14/R/IPSUR.pdf | Week 3:   * Slides 1-8: chapter 11.1 * Slides 15-17: chapter 8 * Slides 18-25: chapter 11.2-11.3 * Slides 28-33: not covered   Week 4:   * Slides 35-39: not covered | * Textbook in pdf format * Book is only available as a pre-print, not including all chapters * Overall fit: - |
| Lavine, M. | 2013 | Introduction to Statistical Tought | https://people.math.umass.edu/~lavine/Book/book.pdf | Week 3:   * Slides 1-8: chapter 3.1-3.2 * Slides 15-17: not covered * Slides 18-25: chapter 3.2 * Slides 28-33: chapter 8.1.2 (only MSE covered)   Week 4:   * Slides 35-39: not covered | * Textbook in pdf format * Large use of mathematical notation * Requires knowledge of undergraduate level calculus and statistics * Overall fit: -- |
| Lilja, D. J., & Linse, G. M. | 2022 | Linear Regression Using R: An Introduction to Data Modeling | https://conservancy.umn.edu/bitstream/handle/11299/189222/LinearRegressionUsingR2ed\_fulltext.pdf?sequence=12&isAllowed=y | Week 3:   * Slides 1-8: chapter 3-3.2 * Slides 15-17: not covered * Slides 18-25: chapter 3.3 * Slides 28-33: chapter 3.3 (only R^2 covered)   Week 4:   * Slides 35-39: not covered | * Textbook in pdf format * Does not go into great depth * Overall fit: - |
| McNulty, K. | 2020 | Handbook of Regression Modeling in People Analytics | https://peopleanalytics-regression-book.org/ | Week 3:   * Slides 1-8: chapter 4-4.2 * Slides 15-17: chapter 3.2 (not specific to linear regression) * Slides 18-25: chapter 4.3-4.3.2 * Slides 28-33: chapter 4.3.3 (only R^2 covered)   Week 4:   * Slides 7-13: chapter 4.4.3 * Slides 35-39: not covered * Slides 40-46: chapter 4.6.2 | * Textbook in pdf format * Introductory level regression modeling, but specific to psychology * Overall fit: +- |
| Poldrack, R. A. | 2020 | Statistical Thinking for the 21th Century | https://statsthinking21.github.io/statsthinking21-core-site/index.html | Week 3:   * Slides 1-8: chapter 14-14.2 * Slides 15-17: not covered * Slides 18-25: chapter 14.1.3-14.1.4 * Slides 28-33: chapter 14.1.5 (only R^2 covered)   Week 4: 35-39: chapter 14.3 | * Textbook in webbook format * Overall fit: +- |