

4.8: R Tutorial for Module 4

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Topic 4.8: R Tutorial for Module 4

In modules 1, 2, and 3, you learned about simple linear regression. In the R tutorials in those modules, you learned how to fit a simple linear regression model in R. You also learned how to use R to construct confidence intervals and conduct hypothesis tests, and how to assess the assumptions in a simple linear regression setting.

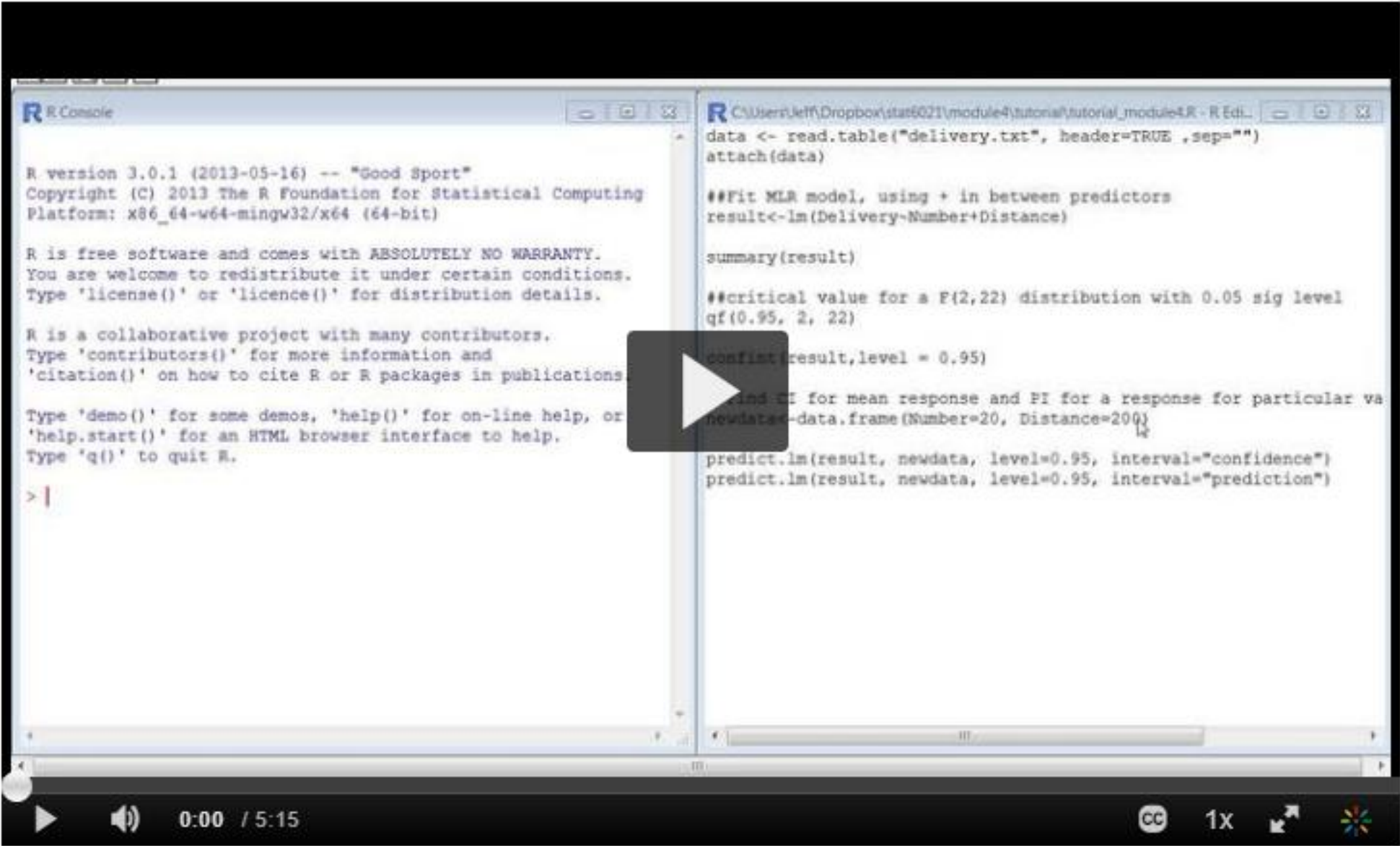
In this module, you are learning about multiple linear regression. Using R for multiple linear regression is very similar to using R for simple linear regression. In the R tutorial for this module, you will learn how to fit a multiple linear regression model in R. You will also learn how to use R to construct confidence intervals, conduct hypothesis tests, and generate the relevant graphical displays that help us assess whether the assumptions are met in a multiple linear regression setting.

Download and complete the [Module 4 R tutorial](#).

You will need these files to complete the tutorial.

- Data set: [delivery.txt](#)
- R-code: [tutorial_module 4.R](#)

Watch this video to see a demonstration of the tutorial.



- [Module 4 Tutorial: tutorial_4.pdf](#)
- [R-code: tutorial_module4.R](#)
- [Data set: delivery.txt](#)

Check Your Understanding of Module 4

Complete [Check Your Understanding of Module 4](#) via Test & Quizzes.