

10.6: R Tutorial for Module 10

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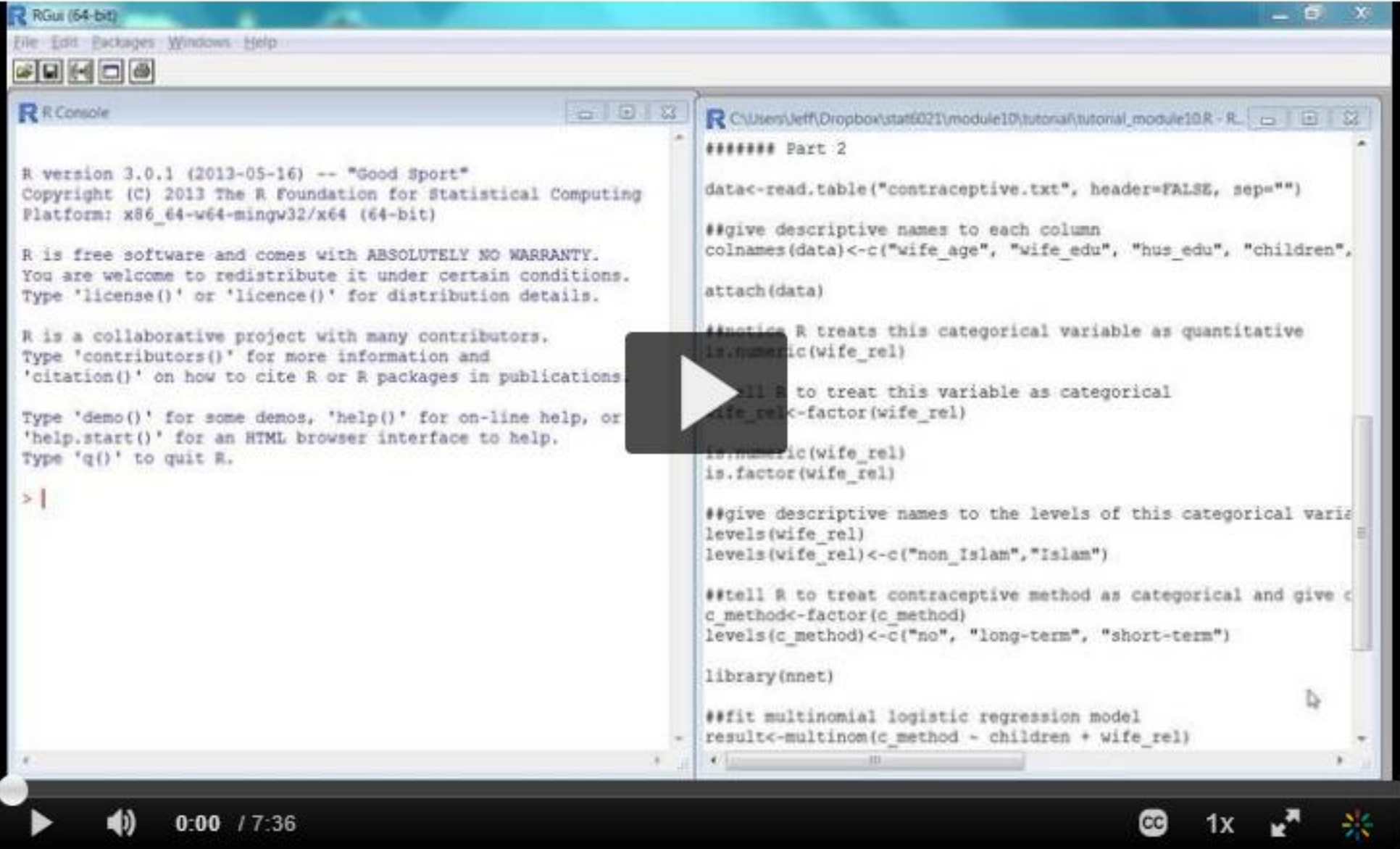
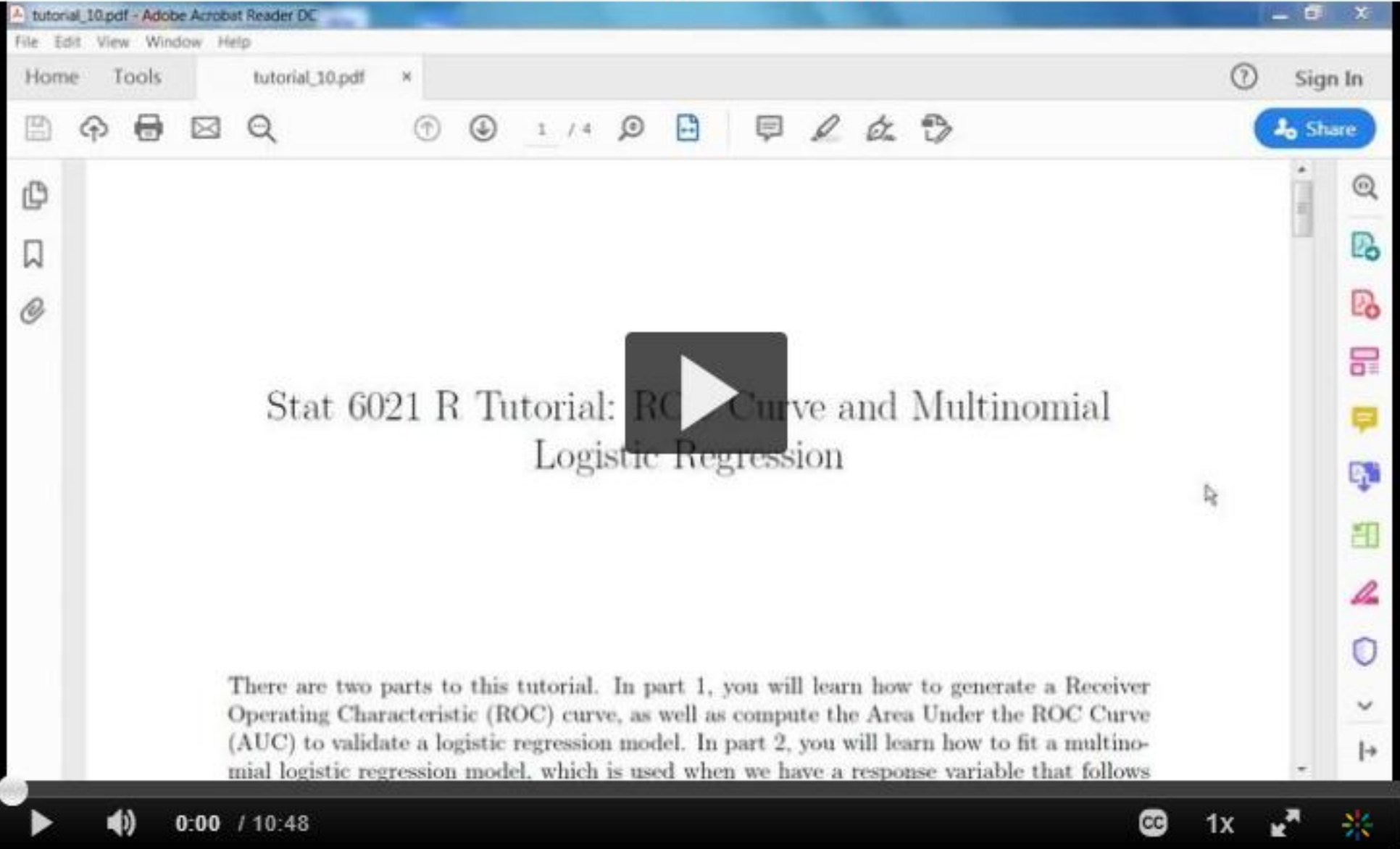
In this tutorial, you will learn how to generate a Receiver Operating Characteristic (ROC) curve and compute the Area Under the ROC Curve (AUC) to validate a logistic regression model. You will also learn how to fit a multinomial logistic regression model, which is used when we have a response variable that follows a multinomial distribution (categorical with more than two outcomes).

Download and complete the [Module 10 R tutorial](#).

You will need these files to complete the tutorial:

- Data set: [titanic.txt](#)
- Data set: [contraceptive.txt](#)
- R-code: [tutorial_module 10.R](#)

Watch the videos below to see a demonstration of the tutorial.



- 📄 [Module 10 R tutorial: tutorial_10.pdf](#)
- 📄 [Data set: titanic.txt](#)
- 📄 [Data set: contraceptive.txt](#)
- 📄 [R-code: tutorial_module 10.R](#)

Check Your Understanding of Module 10

Complete Check Your Understanding of Module 10 via Test & Quizzes.