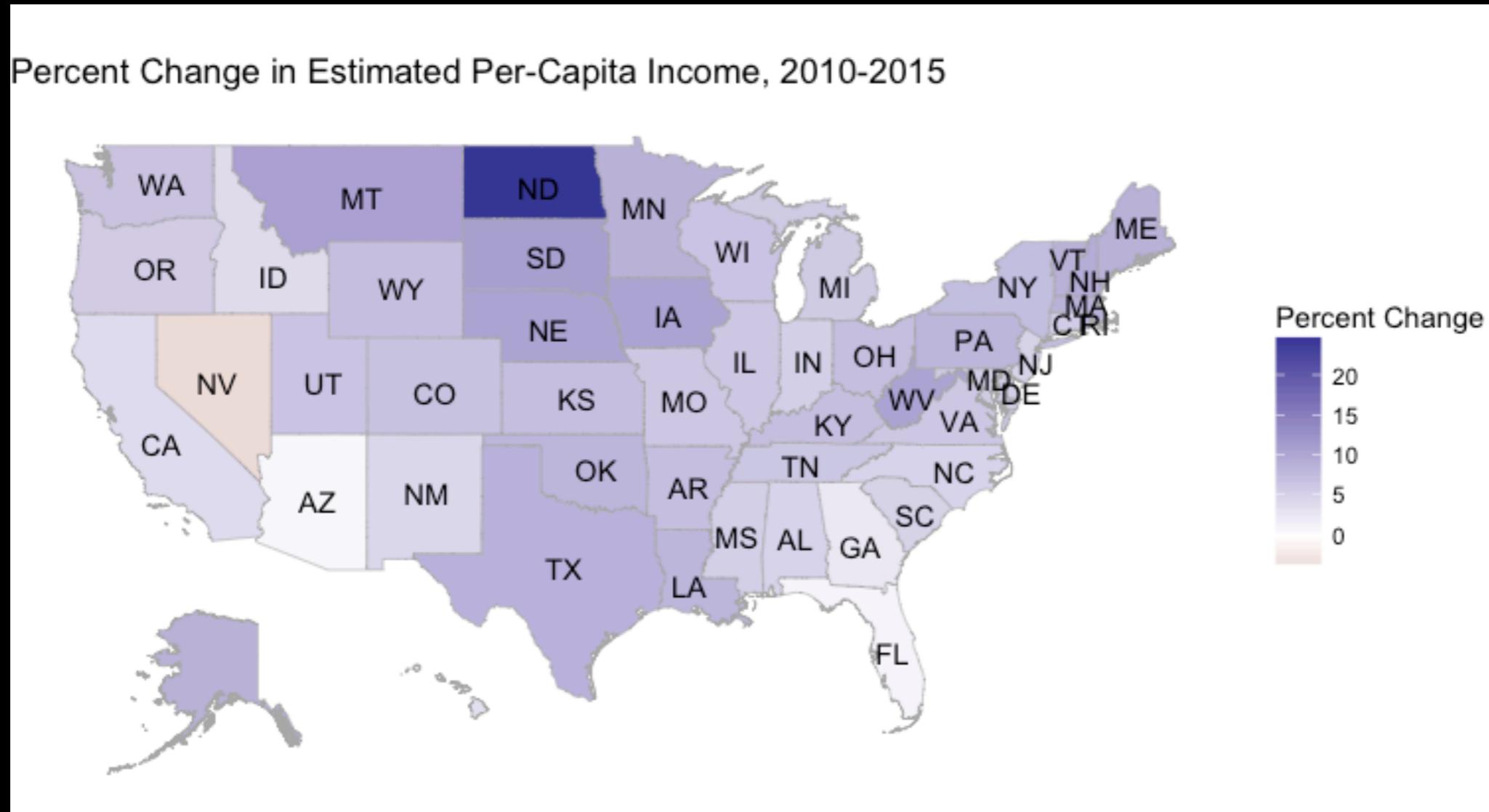


Mapping State ACS Data in R with Choroplethr

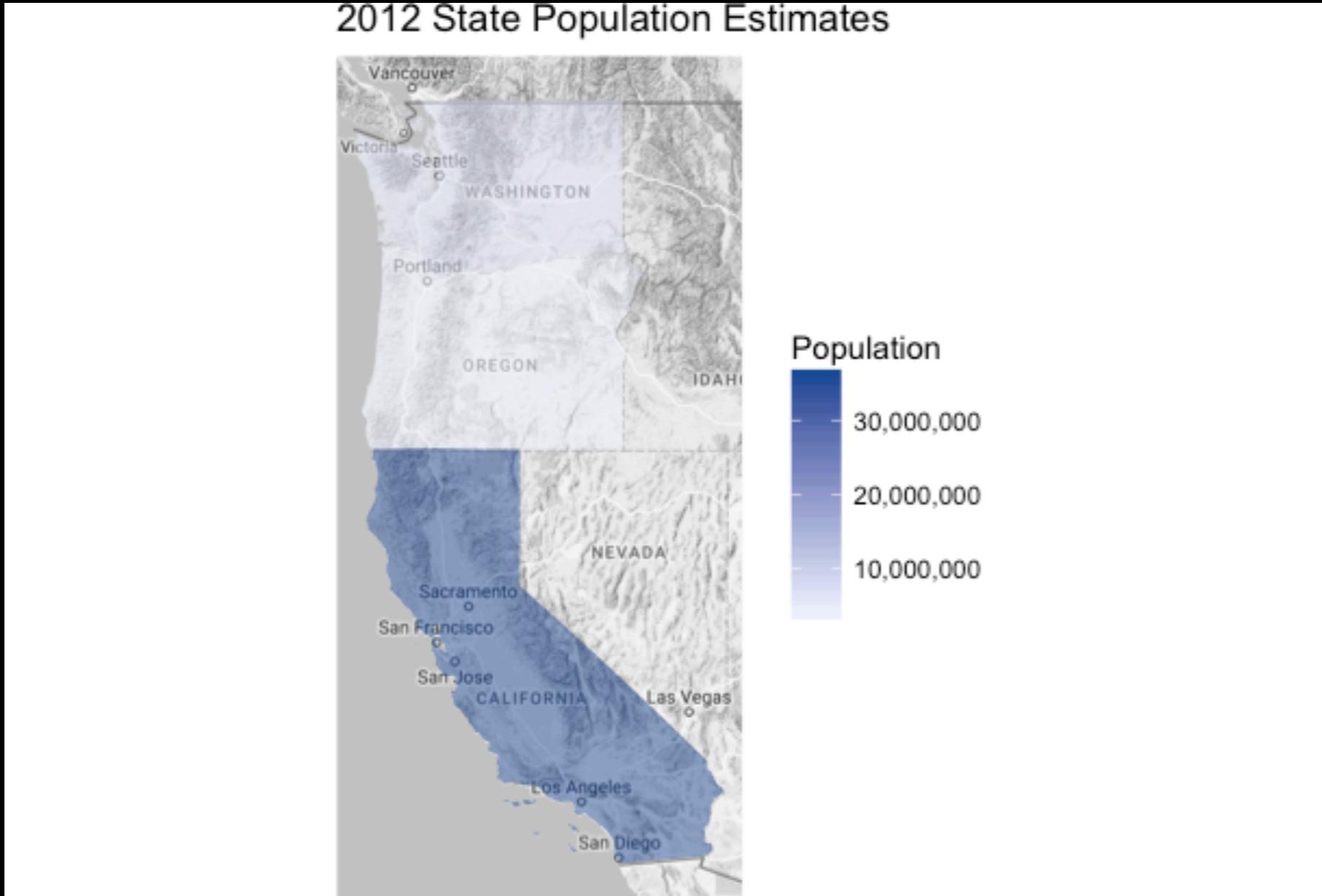
Ari Lamstein



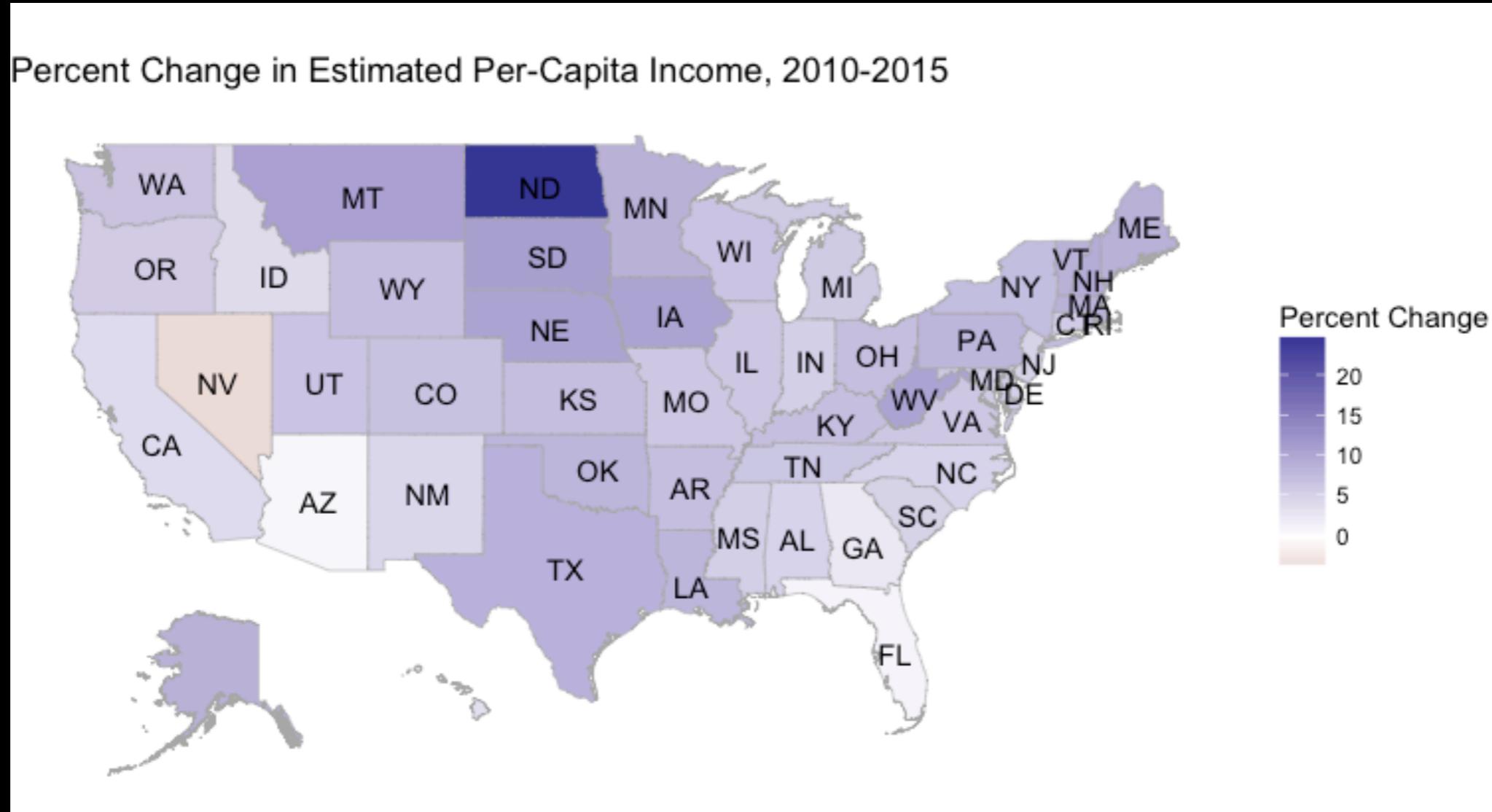
Choroplethr creates choropleth maps in the R programming language

Introduction

- What you'll learn
- Installing R
- Installing RStudio
- Installing Choroplethr



Module 2: Choroplethr Basics



Module 3: Variables and Vintages

Percent Change

13197017

 U.S. DEPARTMENT OF COMMERCE
Economics and Statistics Administration
U.S. CENSUS BUREAU

THE American Community Survey

This booklet shows the content of the American Community Survey questionnaire.

INFORMATIONAL COPY

Start Here

Respond online today at:
<https://respond.census.gov/acs>

OR

Complete this form and mail it back as soon as possible.

This form asks for information about the people who are living or staying at the address on the mailing label and about the house, apartment, or mobile home located at the address on the mailing label.

 If you need help or have questions about completing this form, please call 1-800-354-7271. The telephone call is free.

Telephone Device for the Deaf (TDD):
 Call 1-800-582-8330. The telephone call is free.

NECESITA AYUDA? Si usted habla español y necesita ayuda para completar su cuestionario, llame sin cargo alguno al 1-877-833-5625. Usted también puede completar su entrevista por teléfono con un entrevistador que habla español. O puede responder por Internet en: <https://respond.census.gov/acs>

For more information about the American Community Survey, visit our web site at: <http://www.census.gov/acs>

● Please print today's date.
 Month Day Year

● Please print the name and telephone number of the person who is filling out this form. We will only contact you if needed for official Census Bureau business.

Last Name

First Name
 MI

Area Code + Number
 -

● How many people are living or staying at this address?
 • INCLUDE everyone who is living or staying here for more than 2 months.
 • INCLUDE yourself if you are living here for more than 2 months.
 • INCLUDE anyone else staying here who does not have another place to stay, even if they are here for 2 months or less.
 • DO NOT INCLUDE anyone who is living somewhere else for more than 2 months, such as a college student living away or someone in the Armed Forces on deployment.
 Number of people

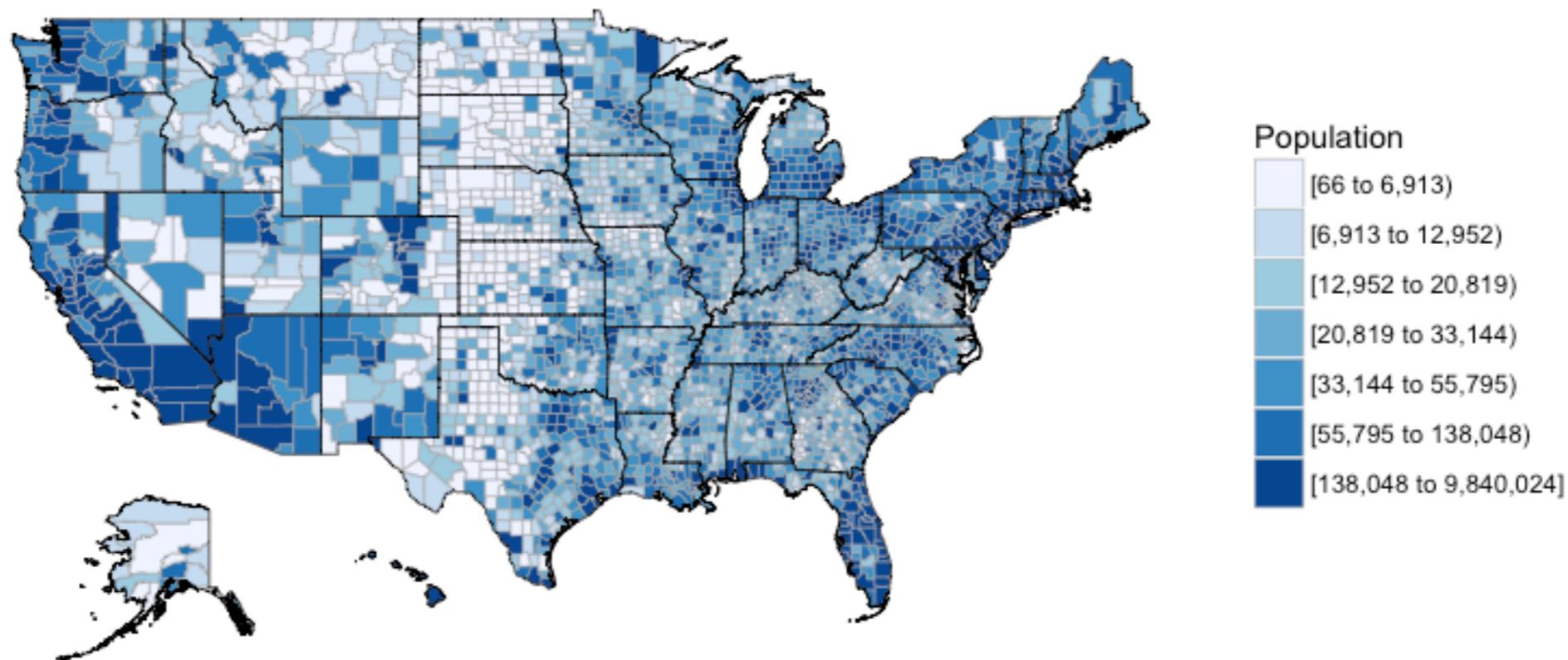
● Fill out pages 2, 3, and 4 for everyone, including yourself, who is living or staying at this address for more than 2 months. Then complete the rest of the form.

FORM ACS-1(INFO)(2017)
 (03-14-2016) OMB No. 0607-0810
 OMB No. 0607-0936



Module 4: Data Details

2012 County Population Estimates



Module 5: Learning More

Module 1: Introduction

- Introduction
- Installing R
- Installing RStudio
- Installing Choroplethr

Installing R

- Visit <https://www.r-project.org>
- Visit <https://cloud.r-project.org/>

Module 1: Introduction

- Introduction
- Installing R
- **Installing RStudio**
- Installing Choroplethr

Installing RStudio

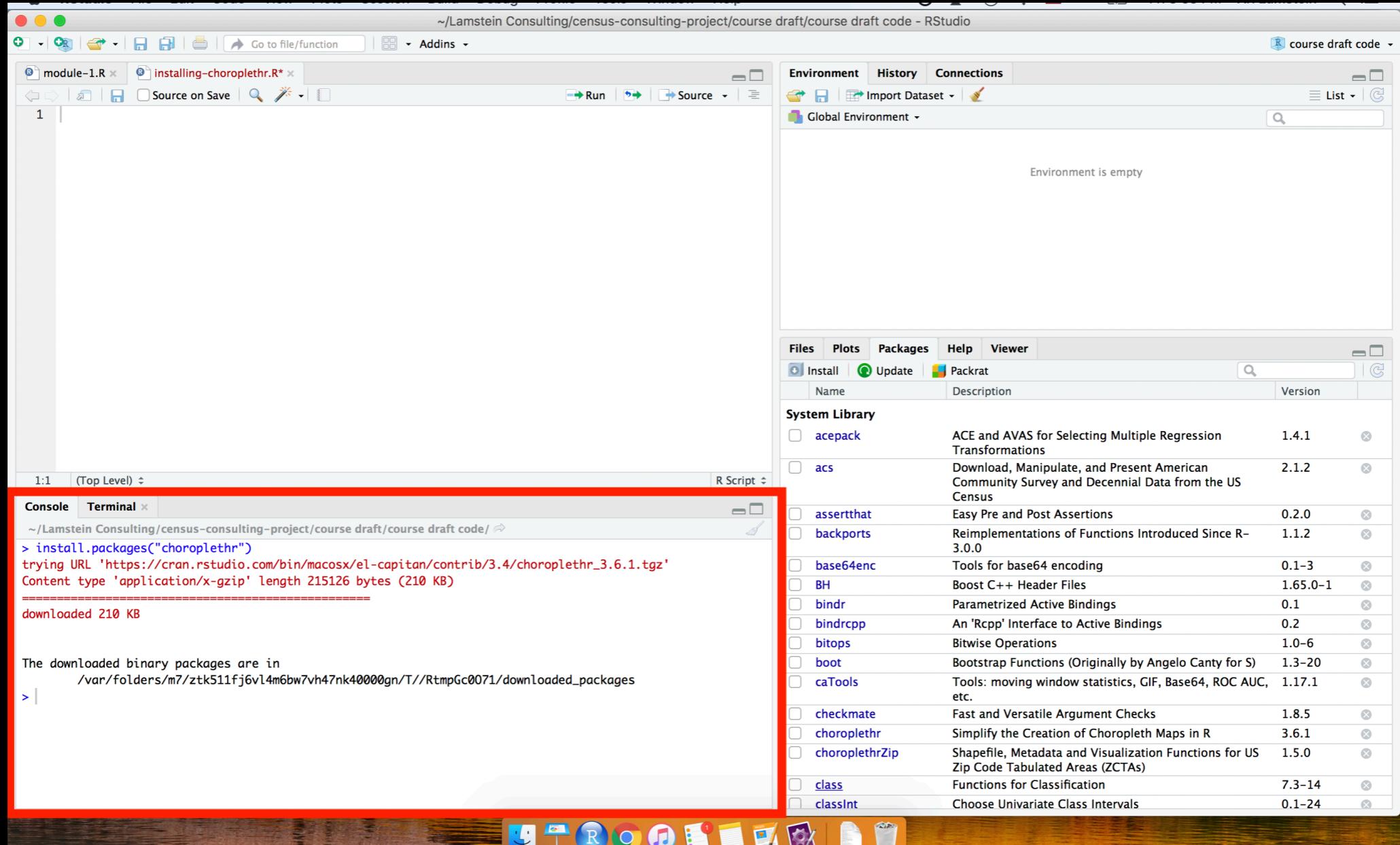
- Visit <https://www.rstudio.com/>

Module 1: Introduction

- Introduction
- Installing R
- Installing RStudio
- Installing Choroplethr

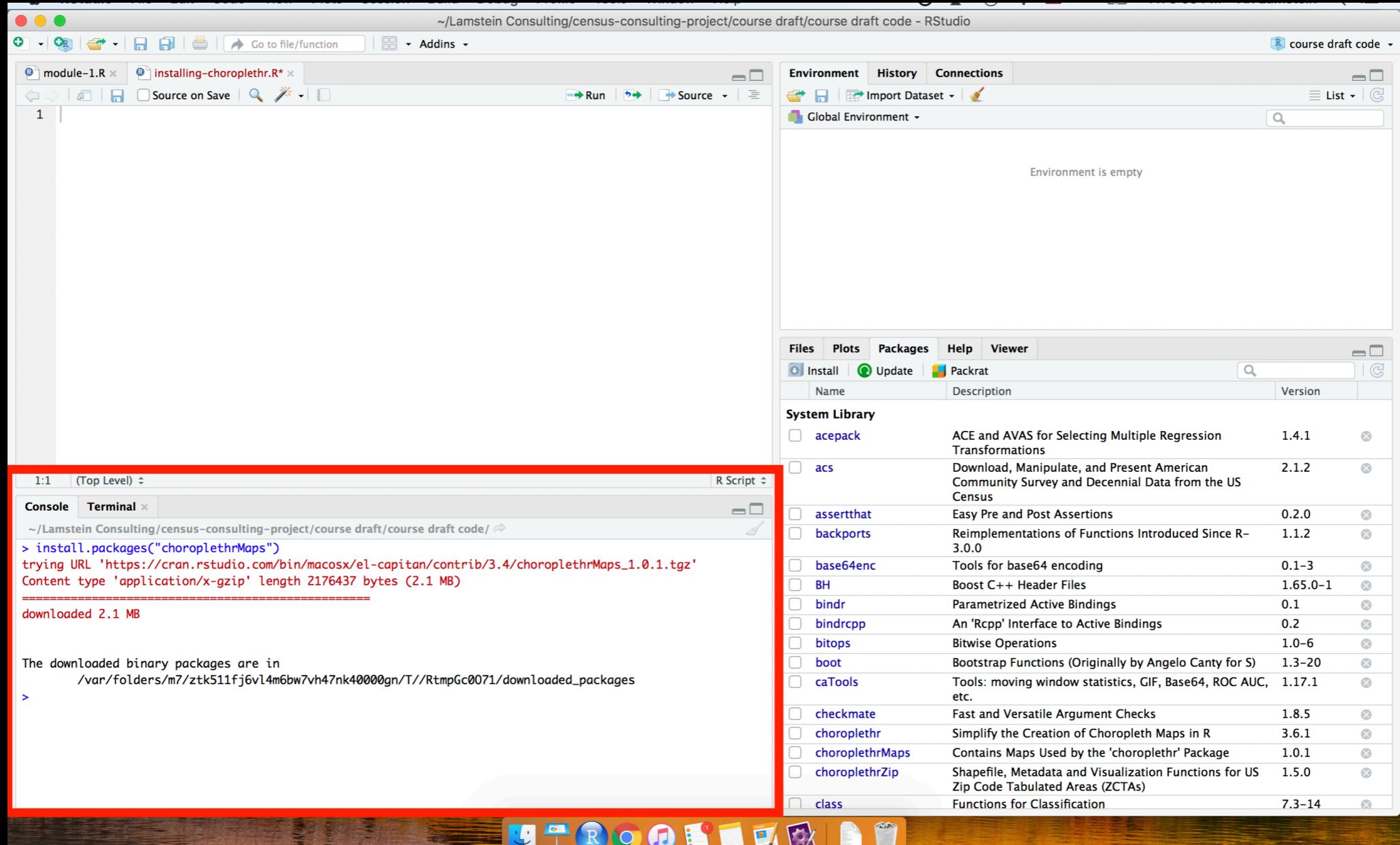
If you already know R ...

- Type:
 - `install.packages("choroplethr")`
 - `install.packages("choroplethrMaps")`



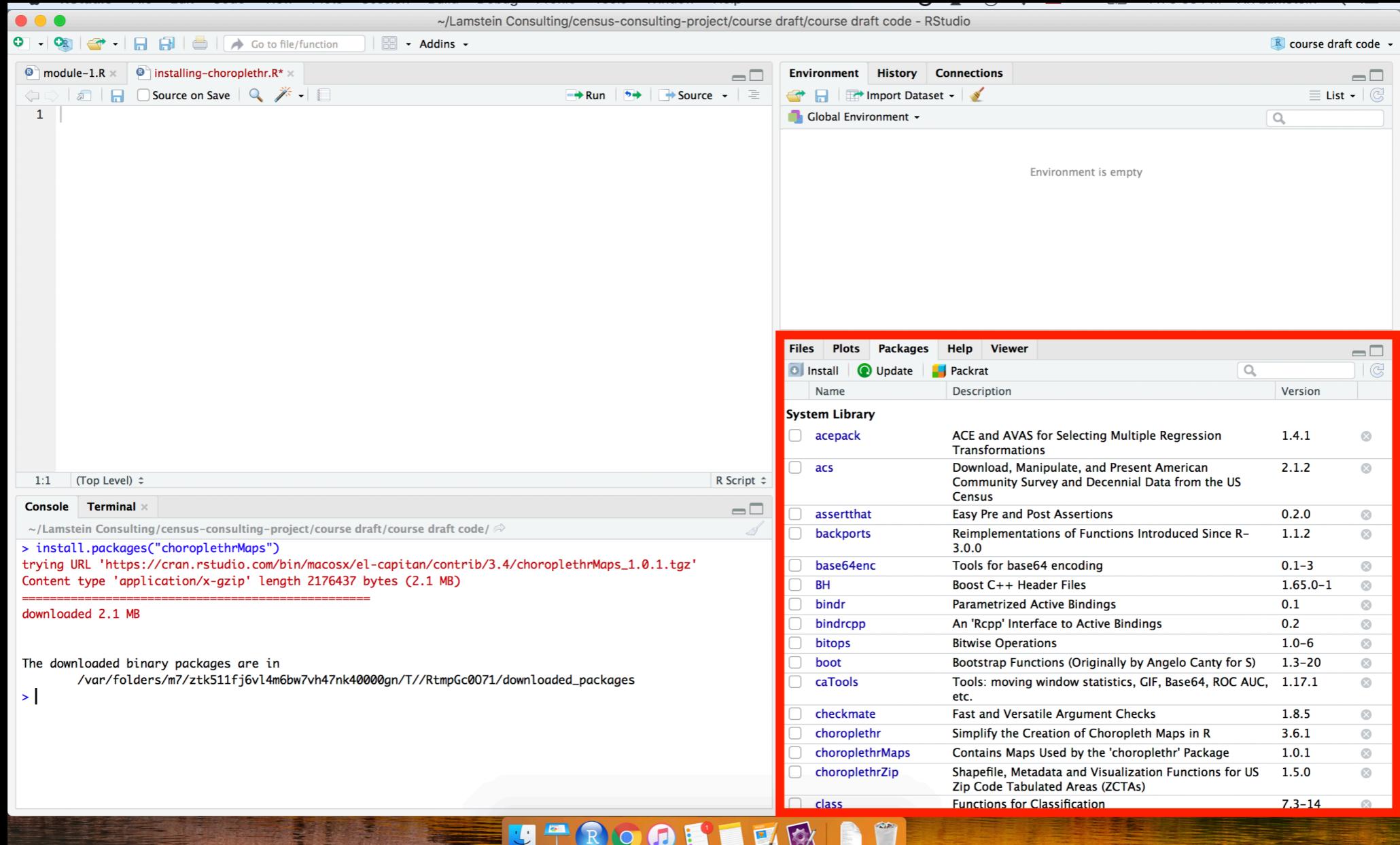
Where to type it

install.packages("choroplethr")



Where to type it

install.packages("choroplethrMaps")

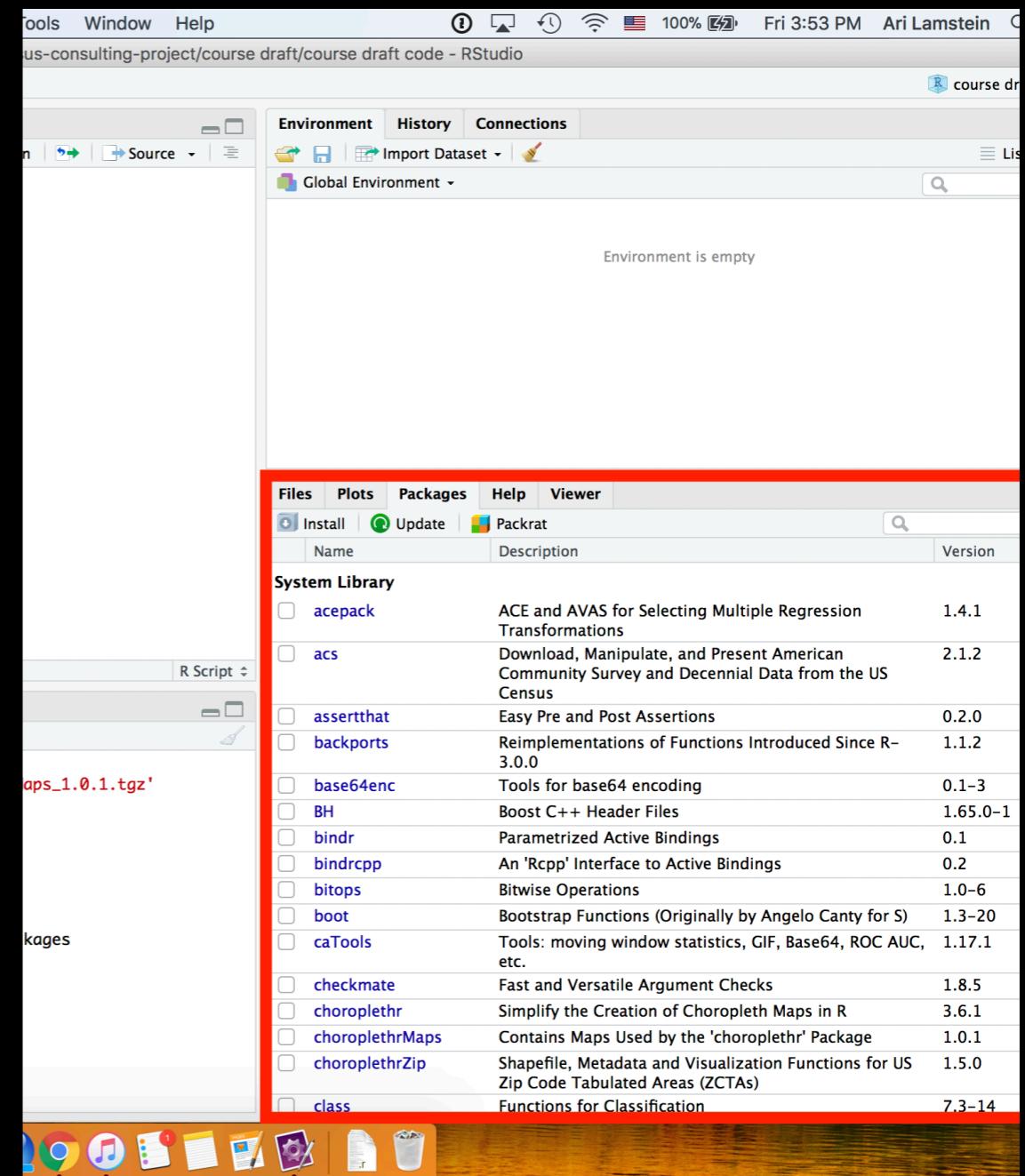


Verify that it works

Find “choroplethr” in the Packages pane

Comparing Versions

- I'm using:
 - R 3.4.3
 - choroplethr 3.6.1
 - choroplethrMaps 1.0.1
- Type **R.Version()**



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