CSSS 569: Visualizing Data and Models

INTRODUCTION TO INTERACTIVE VISUALIZATION WITH R AND SHINY

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An interactive introduction to interactive visualization

Review Shiny Tutorial: https://shiny.rstudio.com/tutorial/written-tutorial/lesson1

Explore Example Interactives

Investigate Example Code

Ask questions throughout!

Life Expectancy Model calibration

A "first useful Shiny"

Package: faculty.washington.edu/cadolph/vis/lifeExpectancy.zip

Background: faculty.washington.edu/cadolph/index.php?page=102&loc=vis&pdf=Rgraphics

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Pangram Checker

r Text only

Custom html UI

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Graduate Recruitment Data-driven decision making Simplified output

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relationships in longitudinal data Extendability

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Exploration of Winter Olympics alternative measures Multi-panel output

Text generation Narrative presentation

Interactive: cadolph.shinyapps.io/olympics

Package: faculty.washington.edu/cadolph/vis/olympics.zip