**Programs**

We will be using python, R and Stata files. And for R and python we will use Google collab, which will allow us to make changes in the browser as well as follow along.

**PYTHON SCRIPTS**

I have the first two days contained here, and will send updates as we get there. I had a group of 13 programmers re-code the python scripts that are on my mixtape webpage, so you can find them here:

Potential outcomes:

<https://colab.research.google.com/github/causalinfpython/mixtape/blob/main/Potential_Outcomes.ipynb#scrollTo=73MSuXyjcpVT>

DAGs

<https://colab.research.google.com/github/causalinfpython/mixtape/blob/main/Directed%20Acyclic%20Graphs.ipynb#scrollTo=314674ed>

Regression discontinuity

<https://colab.research.google.com/github/causalinfpython/mixtape/blob/main/Regression_Discontinuity.ipynb#scrollTo=TbhD5wL4dI4e>

**R SCRIPTS**

The R Scripts are contained in the following places. First they are contained in the Mixtape as scripts you can copy yourself.

*Mixtape resources*

Potential outcomes:

<https://mixtape.scunning.com/potential-outcomes.html>

<https://colab.research.google.com/github/scunning1975/mixtape_learnr/blob/main/R_ipynb/Potential_Outcomes.ipynb>

DAGS:

<https://mixtape.scunning.com/dag.html>

<https://colab.research.google.com/github/scunning1975/mixtape_learnr/blob/main/R_ipynb/Directed_Acyclical_Graphs.ipynb>

Regression discontinuity:

<https://mixtape.scunning.com/regression-discontinuity.html>

<https://colab.research.google.com/github/scunning1975/mixtape_learnr/blob/main/R_ipynb/Regression_Discontinuity.ipynb>

*Google collab*

All of the R scripts are also usable in a separate Google Collab notebook here:

<https://mixtape.scunning.com/teaching-resources.html>

**STATA SCRIPTS**

There are two locations to the Stata do files. First they are at the Mixtape online https://www.dropbox.com/sh/iztza6oyiz32j1u/AAAAId61qJPWoWskn\_jLXUcTa?dl=0 which I’ve posted in the above under the R Scripts. But they will also be distributed via the following