Methods Camp

University of Texas at Austin, Department of Government

Andrés Cruz and Matt Martin

Invalid Date

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Class schedule

Date	Time	Location
Fri, Aug. 11	9:00 AM - 4:00 PM	RLP 1.302B
Sat, Aug. 12	No class	-
Sun, Aug. 13	No class	-
Mon, Aug. 14	9:00 AM - 4:00 PM	RLP 1.302B
Tues, Aug. 15	9:00 AM - 4:00 PM	RLP 1.302B
Weds, Aug. 16	9:00 AM - 4:00 PM	RLP 1.302B
Thurs, Aug. 17	9:00 AM - 4:00 PM	RLP 1.302B

On class days, we will have a lunch break from 12:00-1:00 PM. We'll also take short breaks periodically during the morning and afternoon sessions as needed.

Description

Welcome to Introduction to Methods for Political Science, aka "Methods Camp"! In the past our incoming students have told us their math skills are rusty and they would like to be better prepared for UT's methods courses. Methods Camp is designed to give everyone a chance to brush up on some skills in preparation for the Stats I and Formal Theory I courses. The other goal of Methods Camp is to allow you to get to know your cohort. We hope that struggling with matrix algebra and the dreaded chain rule will still prove to be a good bonding exercise.

As you can see from the above schedule, we'll be meeting on Friday, August 11th as well as from Monday, August 14th through Thursday, August 17th. Classes at UT begin the start of the following week on Monday, August 22nd. Below is a tentaive schedule outlining what will be covered in the class, although we may rearrange things a bit if we find we're going too slowly or too quickly through any of the material.

Contact info

If you have any questions during or outside of methods camp, you can contact Andrés at andres.cruz@utexas.edu and Matt at mjmartin@utexas.edu.

1 R and RStudio

2 Tidyverse basics I

3 Matrices

4 Tidyverse basics II

5 Functions and loops

6 Calculus

7 Probability

8 Simulations

9 Text analysis

10 Wrap up

References