

**PublPol 303D****Winter 2022****PROBLEM SET VII****DUE: 9AM, MONDAY MARCH 7<sup>th</sup>, 2022**

For this problem set you have to use the data set from the Jacob-Lefgren paper, in the stata data set `pset7.dta` . The Jacob-Lefgren paper is posted and you should first read to understand the data and context. You may work with a partner on this assignment if you like. Please choose a partner that you have not worked with for the past 2 weeks.

The question is an open-ended one: analyze the effect of the summer program on subsequent reading and mathematics scores using regression discontinuity methods. Make sure you assess the validity of the design, and present evidence regarding this. Also present estimates of the effect, and interpret those effects. Write up a report describing what you did and your interpretation of the findings.

Note: When specifying threshold cut off in stata's RD commands, put in 2.79 (not 2.8). 2.79 is the first value where treatment occurs.