

PSC 400

SYRACUSE UNIVERSITY

DATA ANALYTICS FOR POLITICAL SCIENCE

EXTENSIONS TO REGRESSION

ASSIGNMENT

- **Data Analysis Memo 3 due on Friday**

REST OF COURSE

- This week: Extensions to regressions
- Next week: Reviewing and consolidating everything we have learned
- Then: Exploration
 - Text as Data
 - Network Data
 - Spatial Data
 - Webscraping

EXERCISE

- Load Quality of Government data
- Create new variable called litdiff
 - $\text{wdi_litradm} - \text{wdi_litradf}$
- Estimate regression model and interpret (incl. hypothesis testing and 95% CI) with:
 - p_polity2
 - wdi_expedu
 - wbgi_gee