REVISED DRAFT

Draft No. 2

Univariate statistics

- Introduction
- Datasets
- Distributions
- Estimation

Bivariate statistics

- Significance
- Comparisons
- Correlation
- Regression

Statistical modelling

- Basics
- Extensions
- Diagnostics
- Conclusion

corrected
revised
appended }

Revised draft

Final paper

First steps

Go through corrections

- Remove technical content
- Rewrite until concision

Explore associations

- Stata Guide, Sec. 10   `ttest`, `prtest`, `tab,` `chi2`, `pwcorr`
- Stata Guide, Sec. 11   `sc`, `lowess`, `pwcorr`, `reg`, `rvfplot`

Write up substantive results as sentences; cite significance tests and other statistics in brackets: $(\rho = .7), (p < .05), \ldots$

Draft regressions

Model choice

- **Linear model** if the DV is continuous   `reg`

$$Y = \beta_0 + \beta_1 X_1 + \beta_2 X_2 + \epsilon$$

- **Logistic model** if the DV is discrete   `logit`

$$Pr(Y = 1) = \frac{exp(\beta_0 + \beta_1 X_1 + \beta_2 X_2 + \epsilon)}{1 + exp(\beta_0 + \beta_1 X_1 + \beta_2 X_2 + \epsilon)}$$

Model operations

- Estimation
- Diagnostics
- Export

Practice: ESS dataset

Data:

- European Social Survey (ESS)
- Sample: individuals, c. 2008

Dependent variable:

> *To what extent do you think [country] should allow many/few immigrants of different race/ethnic group from majority?*

Practice session