

REVISED DRAFT

1 Draft No. 2

2 Practice

Draft No. 2

Univariate statistics

- Introduction
- Datasets
- Distributions
- Estimation

corrected }
revised }
appended }

Bivariate statistics

- Significance
- Comparisons
- Correlation
- Regression

Revised draft



Statistical modelling

- Basics
- Extensions
- Diagnostics
- Conclusion

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: ($\rho = .7$), ($p < .05$), ...

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 and diagnostics
- Export and **interpretation**

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

Class

* Get the do-file for this week.

```
srqm fetch week10.do
```

* Open to read and replicate.

```
doedit code/week10
```

Coursework

- Finish the do-file and read all comments at home.
- Add draft regressions to your do-file.
- Add draft regression results to your paper.