INDEX

Stata commands are emboldened.

- American National Election Study (ANES), 76
- bar graphs, 10–13, 30
- binomial logit model, 77
- categorical variables, 27–30
- causal relationships, 19–20
- central limit theorem, 39–41
- chi-squared ($\chi^2$) test, 50
- citation count, 16
- confidence interval, 39
- connected plot, 13–14
- consumer confidence, 25
- continuous variables, 30–33, 52–53
- correlation coefficients, 53–56
- dummy variables and, 70–71
- scatter plots, 53–54
- correlate command, 54
- correlation coefficients, 53–56
- cross-section variation, 10
- customer satisfaction, 24
- data exploration, 8
- data loading and preparation command window, 6
- do-files, 7, 83
- pull-down menus, 3–6, 83
- time series, 81–84
- dependence, 80
- descriptive statistics, 27–28, 34
- dice command, 36
- dice rolling
  - Excel, 42–46
  - Stata, 36–42
- do-files, 7, 83
- documents, 33–34
- dummy variables, 67–70
- dependent, 76–79
- multiple, 69–70
- Excel, 42–46
- format time command, 83
- frequency tables, 27
- generate command, 29–30, 68, 70, 82
- Google Scholar, 14–17
- author profiles, 16
- search techniques, 16
- graph bar command, 10–13, 29
- graph box command, 31, 52–53
- graph pie command, 28–29
- graph twoway command, 13–14
- graphs
  - bar, 11, 30
  - box–whisker plot, 31
  - connected plot, 13–14
  - difference of means tests, 52–53
- histograms, 33
- kernel density plots, 31, 33
- outputting, 33–34
- pie, 28–29
- regression models, 58–61
- scatter plots, 53–54, 60
- help command, 36, 83
- histogram command, 31
- histograms, 31, 33
- hypothesis testing
  - bivariate, 49
  - difference of means tests, 52–53
  - interactive, 70–71
- tabular analysis, 49–52
- test statistics, 50–51
- with dummy variables, 70–71
- Index of Consumer Sentiment, 26, 85
- JStor, 15
- kdensity command, 31
- kernel density plots, 31, 33
- Koyck regression, 85–87
- lagged values, 84
- list command, 30
- literature searches, 14–17
- logit command, 77
- logit models, 77
- lvr2plot command, 72
INDEX

mean, 40
measurement, 24–26
Microsoft Excel, 42–46
null hypothesis, 49
ordinal variables, 27
ordinary least-squares (OLS) regression, 72–74
pie graphs, 28, 29
plots, see graphs
political knowledge, 24–25
predict command, 76, 77
presentations, 33
pull-down menus, 3–6, 83
pwcorr command, 54–56
regress command, 58, 63, 65, 69, 71, 76
regression models
estimation, 58, 69
Koyck, 85–87
model comparisons, 64–65
multiple, 63
dummy variables, 67–70
model comparisons, 64
ordinary least-squares (OLS), 72–74
time-series, 85
replace command, 68
research design, 22
scatter plots, 53–54, 60
sort command, 30, 83
Stata
commands
correlate, 54
dice, 37
format time, 83
generate, 29–30, 67–68, 70, 82
graph bar, 11, 29
graph box, 31, 52–53
graph pie, 28
graph twoway, 13–14
help, 36, 83
histogram, 31
kdensity, 31
list, 30
logit, 77
lvplot2, 72
predict, 77
pwcorr, 54–56
regress, 58, 63, 65, 69, 71, 76
replace, 67–68
sort, 30, 83
summarize, 31, 34, 39, 77, 78
tab2, 49–51	abulate, 27–28, 34
ttest, 53
twoway, 52–54, 58–61
data exploration, 8
data loading and preparation
command window, 6
do-files, 7, 83
pull-down menus, 3–6, 84
time series, 81–83
launching, 2
package installation, 36
summarize command, 31, 34, 39, 77, 78
summary statistics, 31, 78
t-test, 53
tab2 command, 49–51
tables, 33–34
frequency, 27
multiple regression, 64–65
outpurting, 51–52
test statistics, 50–51
tabulate command, 27–28, 34
test statistics, 50–51, 53–56
time-series data, 13–14, 80
data preparation, 81–83
dependence, 80
lag and difference operators, 84–85
memory, 80
test analyses, 85
ttest command, 53
twoway command, 32–33, 52–54, 58–61
variables
categorical, 27–30
continuous, 30–53
dummy
generation, 67–70
in interactions, 70–71
missing values, 87
ordinal, 27
time-series, 80
visualization, see graphs