

Contents

Subject table of contents	ix
Editors' preface	xv
Introducing Stata tips	1
Stata tip 1: The eform() option of regress.....R. Newson	2
Stata tip 2: Building with floors and ceilingsN. J. Cox	3
Stata tip 3: How to be assertiveW. Gould	5
Stata tip 4: Using display as an online calculatorP. Ryan	6
Stata tip 5: Ensuring programs preserve dataset sort order.....R. Newson	7
Stata tip 6: Inserting awkward characters in the plot.....N. J. Cox	8
Stata tip 7: Copying and pasting under Windows.....S. Driver and P. Royston	10
Stata tip 8: Splitting time-span records with categorical time-varying covariatesB. Jann	11
Stata tip 9: Following special sequences.....N. J. Cox	13
Stata tip 10: Fine control of axis title positions.....P. Ryan and N. Winter	14
Stata tip 11: The nolog option with maximum-likelihood modeling commandsP. Royston	16
Stata tip 12: Tuning the plot region aspect ratioN. J. Cox	17
Stata tip 13: generate and replace use the current sort orderR. Newson	19
Stata tip 14: Using value labels in expressionsK. Higbee	21
Stata tip 15: Function graphs on the flyN. J. Cox	23
Stata tip 16: Using input to generate variables.....U. Kohler	25
Stata tip 17: Filling in the gaps.....N. J. Cox	26
Stata tip 18: Making keys functionalS. Driver	28
Stata tip 19: A way to leaner, faster graphs.....P. Royston	30
Stata tip 20: Generating histogram bin variables.....D. A. Harrison	31
Stata tip 21: The arrows of outrageous fortune.....N. J. Cox	33
Stata tip 22: Variable name abbreviationP. Ryan	36
Stata tip 23: Regaining control over axis rangesN. Winter	38
Stata tip 24: Axis labels on two or more levelsN. J. Cox	40
Stata tip 25: Sequence index plots.....U. Kohler and C. Brzinsky-Fay	41
Stata tip 26: Maximizing compatibility between Macintosh and Windows.....M. S. Hanson	43

Stata tip 27: Classifying data points on scatter plots.....	N. J. Cox	44
Stata tip 28: Precise control of dataset sort order.....	P. Schumm	47
Stata tip 29: For all times and all places	C. H. Franklin	50
Stata tip 30: May the source be with you	N. J. Cox	52
Stata tip 31: Scalar or variable? The problem of ambiguous names ..	G. I. Kolev	54
Stata tip 32: Do not stop.....	S. P. Jenkins	56
Stata tip 33: Sweet sixteen: Hexadecimal formats and precision problems.....	N. J. Cox	57
Stata tip 34: Tabulation by listing.....	D. A. Harrison	59
Stata tip 35: Detecting whether data have changed	W. Gould	62
Stata tip 36: Which observations?	N. J. Cox	64
Stata tip 37: And the last shall be first	C. F. Baum	67
Stata tip 38: Testing for groupwise heteroskedasticity	C. F. Baum	69
Stata tip 39: In a list or out? In a range or out?	N. J. Cox	72
Stata tip 40: Taking care of business.....	C. F. Baum	75
Stata tip 41: Monitoring loop iterations	D. A. Harrison	78
Stata tip 42: The overlay problem: Offset for clarity	J. Cui	79
Stata tip 43: Remainders, selections, sequences, extractions: Uses of the modulus	N. J. Cox	81
Stata tip 44: Get a handle on your sample.....	B. Jann	84
Stata tip 45: Getting those data into shape	C. F. Baum and N. J. Cox	86
Stata tip 46: Step we gaily, on we go	R. Williams	90
Stata tip 47: Quantile–quantile plots without programming	N. J. Cox	93
Stata tip 48: Discrete uses for uniform()	M. L. Buis	98
Stata tip 49: Range frame plots	S. Merryman	100
Stata tip 50: Efficient use of summarize.....	N. J. Cox	102
Stata tip 51: Events in intervals	N. J. Cox	104
Stata tip 52: Generating composite categorical variables	N. J. Cox	108
Stata tip 53: Where did my p-values go?.....	M. L. Buis	110
Stata tip 54: Post your results.....	P. Van Kerm	113
Stata tip 55: Better axis labeling for time points and time intervals ..	N. J. Cox	116
Stata tip 56: Writing parameterized text files	R. Gini	119
Stata tip 57: How to reinstall Stata.....	W. Gould	122
Stata tip 58: nl is not just for nonlinear models.....	B. P. Poi	124
Stata tip 59: Plotting on any transformed scale	N. J. Cox	127
Stata tip 60: Making fast and easy changes to files with filefilter.....	A. R. Riley	131
Stata tip 61: Decimal commas in results output and data input	N. J. Cox	134
Stata tip 62: Plotting on reversed scales	N. J. Cox and N. L. M. Barlow	136
Stata tip 63: Modeling proportions	C. F. Baum	140

Stata tip 64: Cleaning up user-entered string variables.....J. Herrin and E. Poen	145	
Stata tip 65: Beware the backstabbing backslash.....N. J. Cox	147	
Stata tip 66: ds—A hidden gem	M. Weiss	149
Stata tip 67: J() now has greater replicating powers.....N. J. Cox	151	
Stata tip 68: Weak assumptions.....N. J. Cox	153	
Stata tip 69: Producing log files based on successful interactive commands.....A. R. Riley	157	
Stata tip 70: Beware the evaluating equal sign	N. J. Cox	160
Stata tip 71: The problem of split identity, or how to group dyadsN. J. Cox	162	
Stata tip 72: Using the Graph Recorder to create a pseudograph scheme.....K. Crow	166	
Stata tip 73: append with care!.....C. F. Baum	168	
Stata tip 74: firstonly, a new option for tab2.....R. G. Gutierrez and P. A. Lachenbruch	171	
Stata tip 75: Setting up Stata for a presentation	K. Crow	173
Stata tip 76: Separating seasonal time series	N. J. Cox	175
Stata tip 77: (Re)using macros in multiple do-files.....J. Herrin	181	
Stata tip 78: Going gray gracefully: Highlighting subsets and downplaying substrates	N. J. Cox	183
Stata tip 79: Optional arguments to options	N. J. Cox	188
Stata tip 80: Constructing a group variable with specified group sizes.....M. Weiss	189	
Stata tip 81: A table of graphs	M. L. Buis and M. Weiss	192
Stata tip 82: Grounds for grids on graphs.....N. J. Cox	197	
Stata tip 83: Merging multilingual datasets	D. L. Golbe	201
Stata tip 84: Summing missings.....N. J. Cox	206	
Stata tip 85: Looping over nonintegers	N. J. Cox	209
Stata tip 86: The missing() function.....B. Rising	213	
Stata tip 87: Interpretation of interactions in nonlinear models	M. L. Buis	215
Stata tip 88: Efficiently evaluating elasticities with the margins command	C. F. Baum	219
Stata tip 89: Estimating means and percentiles following multiple imputation...P. A. Lachenbruch	223	
Stata tip 90: Displaying partial results	M. Weiss	227
Stata tip 91: Putting unabbreviated varlists into local macros.....N. J. Cox	230	
Stata tip 92: Manual implementation of permutations and bootstraps.....L. Ängquist	232	
Stata tip 93: Handling multiple y axes on twoway graphs.....V. Wiggins	235	
Stata tip 94: Manipulation of prediction parameters for parametric survival regression models.....T. Boswell and R. G. Gutierrez	237	

Stata tip 95: Estimation of error covariances in a linear model	N. J. Horton	239
Stata tip 96: Cube roots	N. J. Cox	243
Stata tip 97: Getting at ρ 's and σ 's.....	M. L. Buis	249
Stata tip 98: Counting substrings within strings.....	N. J. Cox	252
Stata tip 99: Taking extra care with encode.....	C. Schechter	255
Stata tip 100: Mata and the case of the missing macros.....	W. Gould and N. J. Cox	257
Stata tip 101: Previous but different	N. J. Cox	259
Stata tip 102: Highlighting specific bars.....	N. J. Cox	261
Stata tip 103: Expressing confidence with gradations	U. Kohler and S. Eckman	265
Stata tip 104: Added text and title options	N. J. Cox	270
Stata tip 105: Daily dates with missing days.....	S. J. Samuels and N. J. Cox	272
Stata tip 106: With or without reference.....	M. L. Buis	275
Stata tip 107: The baseline is now reported	M. L. Buis	278
Stata tip 108: On adding and constraining.....	M. L. Buis	280
Stata tip 109: How to combine variables with missing values.....	P. A. Lachenbruch	283
Stata tip 110: How to get the optimal k-means cluster solution	A. Makles	285
Stata tip 111: More on working with weeks	N. J. Cox	290
Stata tip 112: Where did my p-values go? (Part 2)	M. L. Buis	295
Stata tip 113: Changing a variable's format: What it does and does not mean ..	N. J. Cox	297
Stata tip 114: Expand paired dates to pairs of dates	N. J. Cox	301
Stata tip 115: How to properly estimate the multinomial probit model with heteroskedastic errors.....	M. Herrmann	304
Stata tip 116: Where did my p-values go? (Part 3)	M. L. Buis	309
Stata tip 117: graph combine—Combining graphs	L. Ängquist	312
Stata tip 118: Orthogonalizing powered and product terms using residual centering	C. Sauer	317
Stata tip 119: Expanding datasets for graphical ends.....	N. J. Cox	321