

## Subject and author index

This is the subject and author index for the *Stata Graphics Reference Manual*. Readers interested in topics other than graphics should see the combined subject index in the *Stata Quick Reference and Index*, which indexes the *Getting Started with Stata for Macintosh Manual*, the *Getting Started with Stata for Unix Manual*, the *Getting Started with Stata for Windows Manual*, the *Stata User's Guide*, the *Stata Base Reference Manual*, the *Stata Data Management Reference Manual*, the *Stata Programming Reference Manual*, the *Stata Longitudinal/Panel Data Reference Manual*, the *Stata Multivariate Statistics Reference Manual*, the *Stata Survey Data Reference Manual*, the *Stata Survival Analysis & Epidemiological Tables Reference Manual*, the *Stata Time-Series Reference Manual*, and this manual.

Readers interested in Mata topics should see the index at the end of the *Mata Reference Manual*.

Semicolons set off the most important entries from the rest. Sometimes no entry will be set off with semicolons, meaning that all entries are equally important.

### A

added lines,  $y=x$ , [G] **graph twoway function**

added-variable plots, [G] **graph other**

*addedlinestyle*, [G] *addedlinestyle*

adding

fits, see fits, adding

lines, [G] *added\_line\_options*, [G] **graph twoway**

**lfit**, also see fits, adding

text, [G] *added\_text\_options*

*addplot()* option, [G] *addplot\_option*

alignment of text, [G] *textbox\_options*

*alignmentstyle*, [G] *alignmentstyle*

angle of text, [G] *anglestyle*

*anglestyle*, [G] *anglestyle*

area, graph twoway subcommand, [G] **graph twoway area**

areas, [G] *colorstyle*,

also see fill areas,

also see colors

*areastyle*, [G] *areastyle*

arrows, [G] **graph twoway pcarrow**

*ascategory* option, [G] **graph bar**, [G] **graph box**, [G] **graph dot**

asis print color mapping, [G] **set printcolor**

aspect ratio, [G] *aspect\_option*

changing, [G] **graph display**

controlling, [G] **graph combine**

*asyvars* option, [G] **graph bar**, [G] **graph box**, [G] **graph dot**

automatic print color mapping, [G] **set printcolor**

available area, [G] *region\_options*

axes,

multiple scales, [G] *axis\_choice\_options*

setting offset between and plot region,

[G] *region\_options*

axis,

labeling, [G] *axis\_label\_options*, [G] *axis\_options*

line, look of, [G] *axis\_scale\_options*,

[G] *cat\_axis\_label\_options*,

[G] *cat\_axis\_line\_options*

log, [G] *axis\_scale\_options*

overall look, [G] *axisstyle*

range, [G] *axis\_scale\_options*

reversed, [G] *axis\_scale\_options*

scale, [G] *axis\_scale\_options*, [G] *axis\_scale\_options*

selection of, [G] *axis\_choice\_options*

suppressing, [G] *axis\_scale\_options*

ticking, [G] *axis\_label\_options*

titling, [G] *axis\_options*, [G] *axis\_title\_options*

suppressing, [G] *axis\_title\_options*

*axisstyle*, [G] *axisstyle*

### B

*bttitle()* option, [G] *title\_options*

*b2title()* option, [G] *title\_options*

background color, [G] **schemes intro**

setting, [G] *region\_options*

bar,

graph subcommand, [G] **graph bar**

graph twoway subcommand, [G] **graph twoway bar**

bar charts, [G] **graph bar**

*barbsize* option, [G] **graph twoway pcarrow**

*barlook* options, [G] *barlook\_options*

bars,

labeling, [G] *lblabel\_option*

look of, [G] *barlook\_options*

base plottypes, [G] *advanced\_options*

*baseline* suboption, [G] *alignmentstyle*

Basford, K. E., [G] **graph matrix**

*color()* option, [G] **graph twoway histogram**,

[G] **graph twoway kdensity**

Becker, R. A., [G] **graph matrix**

Beniger, J. R., [G] **graph bar**, [G] **graph pie**,

[G] **graph twoway histogram**

*bin()* option, [G] **graph twoway histogram**

border around plot region, suppressing,

[G] *region\_options*

borders,

misplacement of, [G] *added\_text\_options*

suppressing, [G] *linestyle*

suppressing around plot region, [G] *region\_options*

*bottom* suboption, [G] *alignmentstyle*

box, graph subcommand, [G] **graph box**

box plots, [G] **graph box**

*bstyle()* option, [G] *barlook\_options*

building a graph, [G] **graph intro**

*by()* option, [G] *by\_option*, [G] **graph bar**

*by()*, use of legends with, [G] *by\_option*,

[G] *legend\_option*

by-graphs, look of, [G] *bystyle*

*bystyle*, [G] *bystyle*

## C

C charts, [G] **graph other**  
caption() option, [G] *title\_options*  
casement displays, [G] *by\_option*  
categorical axis, look of  
  labels, [G] *cat\_axis\_label\_options*  
  line, [G] *cat\_axis\_line\_options*  
center, [G] *justificationstyle*  
Chambers, J. M., [G] *by\_option*, [G] **graph box**,  
  [G] **graph matrix**  
chi-squared probability and quantile plots, [G] **graph other**  
clcolor() option, [G] *connect\_options*  
Cleveland, W. S., [G] *by\_option*, [G] **graph box**,  
  [G] **graph dot**, [G] **graph intro**, [G] **graph matrix**, [G] **graph twoway lowest**  
clock position, [G] *clockposstyle*  
clpattern() option, [G] *connect\_options*  
clstyle() option, [G] *connect\_options*  
clwidth() option, [G] *connect\_options*  
cmissing() option, [G] *cline\_options*,  
  [G] *connect\_options*  
color, [G] *colorstyle*, [G] **palette**  
  background, [G] **schemes intro**  
  dimming and brightening, [G] *colorstyle*, [G] **graph twoway histogram**, [G] **graph twoway kdensity**  
  foreground, [G] **schemes intro**  
  intensity adjustment, [G] *colorstyle*, [G] **graph twoway histogram**, [G] **graph twoway kdensity**  
  of bars, [G] *barlook\_options*  
  of connecting lines, [G] *connect\_options*  
  of markers, [G] *marker\_options*  
  of pie slices, [G] **graph pie**  
  of text, [G] *textbox\_options*  
  setting background and fill, [G] *region\_options*  
color, **palette** subcommand, [G] **palette**  
*colorstyle*, [G] *colorstyle*  
combine, **graph** subcommand, [G] **graph combine**  
combining graphs, [G] **graph combine**  
*compassdirstyle*, [G] *compassdirstyle*  
component-plus-residual plots, [G] **graph other**  
connect() option, [G] *cline\_options*,  
  [G] *connect\_options*, [G] *connectstyle*  
connected, **graph twoway** subcommand, [G] **graph twoway connected**  
connecting points, see points, connecting  
*connectstyle*, [G] *connectstyle*  
copy graph, [G] **graph copy**  
copy, **graph** subcommand, [G] **graph copy**  
correlograms, [G] **graph other**  
Cox, N. J., [G] **graph bar**, [G] **graph intro**, [G] **graph twoway function**  
cross-correlogram, [G] **graph other**  
Crowe, P. R., [G] **graph box**  
cusum plots, [G] **graph other**

## D

dashed lines, [G] *linepatternstyle*  
dendrograms, [G] **graph other**  
density option, [G] **graph twoway histogram**  
density smoothing, [G] **graph other**  
derived plottypes, [G] *advanced\_options*  
describe, **graph** subcommand, [G] **graph describe**  
describing graph, [G] **graph describe**  
diagnostic plots, [G] **graph other**  
dir, **graph** subcommand, [G] **graph dir**  
discard, relationship to **graph drop**, [G] **graph drop**  
discrete option, [G] **graph twoway histogram**  
display, **graph** subcommand, [G] **graph display**  
displaying named graphs, [G] **graph display**, [G] **graph use**  
distributional diagnostic plots, [G] **graph other dot**,  
  **graph** subcommand, [G] **graph dot**  
  **graph twoway** subcommand, [G] **graph twoway dot**  
dot plots, [G] *area\_options*, [G] **graph dot**, [G] **graph twoway dot**, [G] *line\_options*  
dotted lines, [G] *linepatternstyle*  
drop, **graph** subcommand, [G] **graph drop**  
dropline, **graph twoway** subcommand, [G] **graph twoway dropline**

## E

economist scheme, [G] **scheme economist**;  
  [G] *axis\_options*  
Encapsulated PostScript, [G] **graph export**;  
  [G] *eps\_options*  
Enhanced Metafiles, [G] **graph export**; [G] *mf\_option*  
erasing graph files, [G] **graph drop**  
export, **graph** subcommand, [G] **graph export**  
exporting graphs, [G] *eps\_options*, [G] **graph export**,  
  [G] **graph set**, [G] *mf\_option*, [G] *pict\_options*,  
  [G] *ps\_options*

## F

fill  
  areas, dimming and brightening, [G] *colorstyle*,  
  [G] **graph twoway histogram**, [G] **graph twoway kdensity**  
  color, setting, [G] *region\_options*  
fits, adding, [G] **graph twoway ffit**, [G] **graph twoway fffit**, [G] **graph twoway lfit**,  
  [G] **graph twoway lfitci**, [G] **graph twoway qfit**,  
  [G] **graph twoway qfitci**  
forecasts, [G] **graph other**  
foreground color, [G] **schemes intro**  
fffit, **graph twoway** subcommand, [G] **graph twoway fffit**  
fffitci, **graph twoway** subcommand, [G] **graph twoway fffitci**

fraction option, [G] **graph twoway histogram**  
 frequency option, [G] **graph twoway histogram**  
 function, [G] **graph twoway function**  
   graph twoway subcommand, [G] **graph twoway**  
   **function**  
 functions, graphing, [G] **graph twoway function**  
 Funkhouser, H. G., [G] **graph pie**  
 fysize() option, [G] **graph combine**  
 fysize() option, [G] **graph combine**

## G

gap() option, [G] **graph twoway histogram**  
 Good, P. I., [G] **graph intro**  
 gph files, [G] **concept: gph files**, [G] **graph**  
   **manipulation**  
   describing contents, [G] **graph describe**  
 graph bar command, [G] **graph bar**  
 graph box command, [G] **graph box**  
 graph combine command, [G] **graph combine**,  
   [G] **graph drop**  
 graph command, [G] **graph**  
 graph copy command, [G] **graph copy**  
 graph describe command, [G] **graph describe**  
 graph dir command, [G] **graph dir**  
 graph display command, [G] **graph display**  
 graph dot command, [G] **graph dot**;  
   [G] *area\_options*, [G] *line\_options*  
 graph drop command, [G] **graph drop**  
 graph export command, [G] **graph export**  
 graph hbar command, [G] **graph bar**  
 graph hbox command, [G] **graph box**  
 graph matrix command, [G] **graph matrix**  
 graph pie command, [G] **graph pie**  
 graph print command, [G] **graph print**,  
   [G] *pr\_options*; [G] **graph set**  
 graph query command, [G] **graph query**  
 graph rename command, [G] **graph rename**  
 graph save command, [G] **graph save**  
 graph set command, [G] **graph set**  
 graph twoway area command, [G] **graph twoway**  
   **area**  
 graph twoway bar command, [G] **graph twoway bar**  
 graph twoway command, [G] **graph twoway**  
 graph twoway connected command, [G] **graph**  
   **twoway connected**  
 graph twoway dot command, [G] **graph twoway dot**  
 graph twoway dropline command, [G] **graph**  
   **twoway dropline**  
 graph twoway fptest command, [G] **graph twoway**  
   **fptest**  
 graph twoway fptestci command, [G] **graph twoway**  
   **fptestci**  
 graph twoway function command, [G] **graph**  
   **twoway function**  
 graph twoway histogram command, [G] **graph**  
   **twoway histogram**

graph twoway kdensity command, [G] **graph**  
   **twoway kdensity**  
 graph twoway lfit command, [G] **graph twoway lfit**  
 graph twoway lfitci command, [G] **graph twoway**  
   **lfitci**  
 graph twoway line command, [G] **graph twoway line**  
 graph twoway lowess command, [G] **graph twoway**  
   **lowess**  
 graph twoway mband command, [G] **graph twoway**  
   **mband**  
 graph twoway mspline command, [G] **graph twoway**  
   **mspline**  
 graph twoway pcarrow command, [G] **graph twoway**  
   **pcarrow**  
 graph twoway pcarrowi command, [G] **graph**  
   **twoway pcarrowi**  
 graph twoway pccbarrow command, [G] **graph**  
   **twoway pccbarrow**  
 graph twoway pccapsym command, [G] **graph**  
   **twoway pccapsym**  
 graph twoway pci command, [G] **graph twoway pci**  
 graph twoway pcscatter command, [G] **graph**  
   **twoway pcscatter**  
 graph twoway pcspike command, [G] **graph twoway**  
   **pcspike**  
 graph twoway qfit command, [G] **graph twoway qfit**  
 graph twoway qfitci command, [G] **graph twoway**  
   **qfitci**  
 graph twoway rarea command, [G] **graph twoway**  
   **rarea**  
 graph twoway rbar command, [G] **graph twoway**  
   **rbar**  
 graph twoway rcap command, [G] **graph twoway**  
   **rcap**  
 graph twoway rcapsym command, [G] **graph twoway**  
   **rcapsym**  
 graph twoway rconnected command, [G] **graph**  
   **twoway rconnected**  
 graph twoway rline command, [G] **graph twoway**  
   **rline**  
 graph twoway rspike command, [G] **graph twoway**  
   **rspike**  
 graph twoway scatter command, [G] **graph twoway**  
   **scatter**  
 graph twoway scatteri command, [G] **graph**  
   **twoway scatteri**  
 graph twoway spike command, [G] **graph twoway**  
   **spike**  
 graph twoway tsline command, [G] **graph twoway**  
   **tsline**  
 graph twoway tsrline command, [G] **graph twoway**  
   **tsline**  
 graph use command, [G] **graph use**  
 graphics, set subcommand, [G] **set graphics**  
 graphregion() option, [G] *region\_options*  
 graphs,  
   describing contents, [G] **graph describe**  
   overall look of, [G] **schemes intro**  
   saving, [G] **graph save**, [G] *saving\_option*

graphs, *continued*  
 specialized, *also see* [G] **graph other**  
 suppressing, [G] *nodraw\_option*

grid,  
 definition, [G] *gridstyle*  
 lines, [G] *axis\_label\_options*  
 without ticks, [G] *tickstyle*

*gridstyle*, [G] *gridstyle*

groups, graphs by, [G] *by\_option*

gs1 print color mapping, [G] **set printcolor**

gs2 print color mapping, [G] **set printcolor**

gs3 print color mapping, [G] **set printcolor**

Guerry, A. M., [G] **graph twoway histogram**

## H

Haaland, J.-A., [G] **graph intro**

half option, [G] **graph matrix**

Hamilton, L. C., [G] **graph intro**

Hardin, J. W., [G] **graph intro**

Hartigan, J. A., [G] **graph matrix**

hazard functions, [G] **graph other**

hbar, *graph* subcommand, [G] **graph bar**

hbox, *graph* subcommand, [G] **graph box**

headlabel option, [G] **graph twoway pccapsym**,  
 [G] **graph twoway pscatter**

height() *textbox* option, [G] *added\_text\_options*

high-low charts, [G] **graph twoway rbar**, [G] **graph twoway rcap**, [G] **graph twoway rspike**

histogram, *graph twoway* subcommand, [G] **graph twoway histogram**

histograms, [G] **graph twoway histogram**

histories, [G] *by\_option*, [G] **graph bar**, [G] **graph box**, [G] **graph matrix**, [G] **graph pie**, [G] **graph twoway histogram**

## I

impulse–response functions (IRF), [G] **graph other**

intensity, color, adjustment, [G] *colorstyle*, [G] **graph twoway histogram**, [G] **graph twoway kdensity**  
*intensitystyle*, [G] *intensitystyle*

iscale() option, [G] **graph matrix**

## J

jitter() option, [G] **graph matrix**, [G] **graph twoway scatter**

jitterseed() option, [G] **graph matrix**, [G] **graph twoway scatter**

Jorner, U., [G] **graph intro**

justification of text, [G] *textbox\_options*  
*justificationstyle*, [G] *justificationstyle*

## K

kdensity, *graph twoway* subcommand, [G] **graph twoway kdensity**

kernel-density smoothing, [G] **graph other**

keys, [G] *legend\_option*

Kleiner, B., [G] *by\_option*, [G] **graph box**, [G] **graph matrix**

## L

l1title() option, [G] *title\_options*

l2title() option, [G] *title\_options*

labels,  
 axis, [G] *axis\_label\_options*  
 labels, [G] *marker\_label\_options*

ladder-of-powers plots, [G] **graph other**

left, [G] *justificationstyle*

legend() option, [G] *legend\_option*

legends, [G] *legend\_option*  
 problems, [G] *legend\_option*  
 use with *by()*, [G] *by\_option*, [G] *legend\_option*

*legendstyle*, [G] *legendstyle*

leverage plots, [G] **graph other**

lfit, *graph twoway* subcommand, [G] **graph twoway lfit**

lfitci, *graph twoway* subcommand, [G] **graph twoway lfitci**

line, definition, [G] *linestyle*

line, *graph twoway* subcommand, [G] **graph twoway line**

linepalette, *palette* subcommand, [G] **palette**  
*linepatternstyle*, [G] *linepatternstyle*

lines, [G] **concept: lines**  
 adding, [G] *added\_line\_options*, [G] **graph twoway lfit**, *also see* *fits*, adding  
 connecting points, [G] *connect\_options*, [G] *connectstyle*  
 dashed, [G] *linepatternstyle*  
 dotted, [G] *linepatternstyle*  
 grid, [G] *axis\_label\_options*, [G] *linestyle*  
 look of, [G] *line\_options*, [G] *linestyle*  
 patterns, [G] *linepatternstyle*  
 suppressing, [G] *linestyle*  
 thickness, [G] *linewidthstyle*

*linestyle*, [G] *linestyle*  
 added, [G] *addedlinestyle*

*linewidthstyle*, [G] *linewidthstyle*

location, specifying, [G] *clockposstyle*, [G] *compassdirstyle*, [G] *ringposstyle*

log scales, [G] *axis\_scale\_options*

look of areas, [G] *area\_options*

lowess, *graph twoway* subcommand, [G] **graph twoway lowess**

lowess smoothing, [G] **graph other**

L-R plots, [G] **graph other**

## M

Macintosh PICT format, [G] *pict\_options*  
 mangle option, [G] **graph twoway pcarrow**  
 manipulation commands, [G] **graph manipulation**  
 margins, size of, [G] *marginstyle*  
*marginstyle*, [G] *marginstyle*, [G] *region\_options*,  
 [G] *textbox\_options*  
 marker labels, [G] *marker\_label\_options*,  
 [G] *markerlabelstyle*  
*markerlabelstyle*, [G] *markerlabelstyle*  
 markers, [G] *marker\_options*, also see marker labels  
 color, [G] *colorstyle*  
 resizing, [G] *scale\_option*  
 shape of, [G] *symbolstyle*  
 size of, [G] *markersizestyle*  
*markersizestyle*, [G] *markersizestyle*  
*markerstyle*, [G] *markerstyle*  
 matrix, **graph** subcommand, [G] **graph matrix**  
 maxes() option, [G] **graph matrix**  
 mband, **graph twoway** subcommand, [G] **graph twoway mband**  
 mcolor() option, [G] *marker\_options*  
 memory graphs, describing contents, [G] **graph describe**  
*merged-explicit* options, [G] **concept: repeated options**  
*merged-implicit* options, [G] **concept: repeated options**  
 Metafiles, [G] *mf\_option*  
 mfcolor() option, [G] *marker\_options*  
 middle, [G] *alignmentstyle*  
 Mitchell, M. N., [G] **graph intro**  
 mlabangle() option, [G] *marker\_label\_options*  
 mlabcolor() option, [G] *marker\_label\_options*  
 mlabel() option, [G] *marker\_label\_options*  
 mlabgap() option, [G] *marker\_label\_options*  
 mlabposition() option, [G] *marker\_label\_options*  
 mlabsize() option, [G] *marker\_label\_options*  
 mlabstyle() option, [G] *marker\_label\_options*  
 mlabtextstyle() option, [G] *marker\_label\_options*  
 mlabvposition() option, [G] *marker\_label\_options*  
 mlcolor() option, [G] *marker\_options*  
 mlpattern() option, [G] *marker\_options*  
 mlstyle() option, [G] *marker\_options*  
 mlwidth() option, [G] *marker\_options*  
 mszie() option, [G] *marker\_options*  
 mspline, **graph twoway** subcommand, [G] **graph twoway mspline**  
 mstyle() option, [G] *marker\_options*  
 msymbol() option, [G] *marker\_options*

## N

name() option, [G] *name\_option*  
 Nash, J. C., [G] **graph box**  
 ndots() option, [G] **graph twoway dot**  
 nodraw option, [G] *nodraw\_option*  
 normal probability plots, [G] **graph other**

note() option, [G] *title\_options*  
 numbered styles, [G] *linestyle*, [G] *markerlabelstyle*,  
 [G] *markerstyle*, [G] *pstyle*

## O

objects, size of, [G] *relativesize*  
 offset between axes and data, setting,  
 [G] *region\_options*  
 options, repeated, [G] **concept: repeated options**  
*orientationstyle*, [G] *orientationstyle*  
 other graph commands, [G] **graph other**  
 outlines, suppressing, [G] *linestyle*  
 outlining regions, [G] *region\_options*  
 over() option, [G] **graph bar**, [G] **graph box**,  
 [G] **graph dot**

## P

P charts, [G] **graph other**  
 paired-coordinate plots, [G] **graph twoway pcarrow**,  
 [G] **graph twoway pccapsym**, [G] **graph twoway pscatter**, [G] **graph twoway pcspike**  
 palette command, [G] **palette**  
 pcarrow, **graph twoway** subcommand, [G] **graph twoway pcarrow**  
 pcarrowi, **graph twoway** subcommand, [G] **graph twoway pcarrowi**  
 pccarrow, **graph twoway** subcommand, [G] **graph twoway pccarrow**  
 pccapsym, **graph twoway** subcommand, [G] **graph twoway pccapsym**  
 pci, **graph twoway** subcommand, [G] **graph twoway pci**  
 pcscatter, **graph twoway** subcommand, [G] **graph twoway pcscatter**  
 pcspike, **graph twoway** subcommand, [G] **graph twoway pcspike**  
 Pearson, K., [G] **graph twoway histogram**  
 periodograms, [G] **graph other**  
 Persson, R., [G] **graph intro**  
 pharmacokinetic plots, [G] **graph other**  
 PICT format, [G] **graph export**; [G] *pict\_options*  
 pie charts, [G] **graph pie**  
 pie, **graph** subcommand, [G] **graph pie**  
 Playfair, W., [G] **graph bar**, [G] **graph pie**  
 plot, definition, [G] *pstyle*  
 plot region, [G] *region\_options*  
 suppressing border around, [G] *region\_options*  
 plotregion() option, [G] *region\_options*  
 plotregionstyle, [G] *plotregionstyle*  
 plottypes,  
 base, [G] *advanced\_options*  
 derived, [G] *advanced\_options*  
 points, connecting, [G] *connect\_options*,  
 [G] *connectstyle*  
 population pyramid, [G] **graph twoway bar**

PostScript, [G] **graph export**; [G] *eps\_options*,  
[G] *ps\_options*

print,  
graph, [G] **graph print**  
graph set subcommand, [G] **graph set**

printcolor, set subcommand, [G] **set printcolor**

printing graphs, [G] **graph print**, [G] *pr\_options*  
exporting options, [G] **graph set**  
settings, [G] **graph set**

*pstyle*, [G] *pstyle*

*pstyle()* option, [G] **graph twoway scatter**,  
[G] *pstyle*

pyramid, population, [G] **graph twoway bar**

## Q

*qfit*, graph twoway subcommand, [G] **graph twoway qfit**

*qfitci*, graph twoway subcommand, [G] **graph twoway qfitci**

quality control plots, [G] **graph other**

quantile plots, [G] **graph other**

quantiles-quantiles plots, [G] **graph other**

query, graph subcommand, [G] **graph query**

query graphics, [G] **set graphics**, [G] **set printcolor**,  
[G] **set scheme**

## R

R charts, [G] **graph other**

*r1title()* option, [G] *title\_options*

*r2title()* option, [G] *title\_options*

*rarea*, graph twoway subcommand, [G] **graph twoway rarea**

*rbar*, graph twoway subcommand, [G] **graph twoway rbar**

*rcap*, graph twoway subcommand, [G] **graph twoway rcap**

*rcapsym*, graph twoway subcommand, [G] **graph twoway rcapsym**

*rconnected*, graph twoway subcommand, [G] **graph twoway rconnected**

*recast()* option, [G] *advanced\_options*

redisplay graph, [G] **graph display**

regions,  
look of, [G] *areastyle*  
outlining, [G] *region\_options*  
shading, [G] *region\_options*

regression  
diagnostic plots, [G] **graph other**  
lines, see fits

*rename*, graph subcommand, [G] **graph rename**

repeated options, [G] **concept: repeated options**

residual-versus-fitted and residual-versus-predicted plots,  
[G] **graph other**

reversed scales, [G] *axis\_scale\_options*

*right*, [G] *justificationstyle*

*rightmost* options, [G] **concept: repeated options**

*rline*, graph twoway subcommand, [G] **graph twoway rline**

Robyn, D. L., [G] **graph bar**, [G] **graph pie**,  
[G] **graph twoway histogram**

ROC analysis, [G] **graph other**

rootograms, [G] **graph other**

*rscatter*, graph twoway subcommand, [G] **graph twoway rscatter**

*rspike*, graph twoway subcommand, [G] **graph twoway rspike**

## S

*s1color* scheme, [G] **scheme s1**

*s1manual* scheme, [G] **scheme s1**

*s1mono* scheme, [G] **scheme s1**

*s1rcolor* scheme, [G] **scheme s1**

*s2color* scheme, [G] **scheme s2**

*s2manual* scheme, [G] **scheme s2**

*s2mono* scheme, [G] **scheme s2**

*save*, graph subcommand, [G] **graph save**

*saving()* option, [G] *saving\_option*

scale,  
log, [G] *axis\_scale\_options*  
range of, [G] *axis\_scale\_options*  
reversed, [G] *axis\_scale\_options*

*scale()* option, [G] *scale\_option*

*scatter*, graph twoway subcommand, [G] **graph twoway scatter**

*scatteri*, graph twoway subcommand, [G] **graph twoway scatteri**

scatterplot matrices, [G] **graph matrix**

*scheme()* option, [G] *scheme\_option*

schemes, [G] **schemes intro**; [G] **scheme economist**,  
[G] **scheme s1**, [G] **scheme s2**, [G] **scheme sj**,  
[G] *scheme\_option*, [G] **set scheme**  
changing, [G] **graph display**  
creating your own, [G] **schemes intro**  
default, [G] **set scheme**

schemes, set subcommand, [G] **set scheme**

*set graphics*, [G] **set graphics**

*set printcolor*, [G] **set printcolor**

*set scheme*, [G] **schemes intro**, [G] **set scheme**

*shadestyle*, [G] *shadestyle*

shading region, [G] *region\_options*

size of  
all text and markers, [G] *scale\_option*  
graph, [G] *region\_options*  
changing, [G] **graph display**  
markers, [G] *marker\_options*  
objects, [G] *relativesize*  
text, [G] *textbox\_options*

*sj* scheme, [G] **scheme sj**

smoothing, [G] **graph other**

*sort* option, [G] *connect\_options*

specialized graphs, [G] **graph other**

spectral distribution plots, cumulative, [G] **graph other**

Spence, I., [G] **graph pie**  
 spike, **graph twoway** subcommand, [G] **graph twoway spike**  
 staircase, connecting points with, [G] *connectstyle*  
 standard error bar charts, [G] **graph other**  
 start() option, [G] **graph twoway histogram**  
*Stata Journal*, [G] **scheme sj**  
 Stata logo, [G] **graph print**, [G] *pr\_options*  
 style,  
   added line, [G] *addeditstyle*  
   area, [G] *areastyle*  
   axis, [G] *tickstyle*  
   by-graphs, [G] *bystyle*  
   clock position, [G] *clockposstyle*  
   color, [G] *colorstyle*  
   compass direction, [G] *compassdirstyle*  
   connect points, [G] *connectstyle*  
   grid lines, [G] *gridstyle*  
   legends, [G] *legendstyle*  
   lines, [G] *linepatternstyle*, [G] *linestyle*,  
     [G] *linewidthstyle*  
   lists, [G] *stylelists*  
   margins, [G] *marginstyle*  
   marker labels, [G] *markerlabelstyle*,  
     [G] *markersizestyle*, [G] *markerstyle*  
   markers, [G] *symbolstyle*  
   plot, [G] *pstyle*  
   text, [G] *textsizestyle*, [G] *textstyle*  
   text display angle, [G] *anglestyle*  
   text justification, [G] *justificationstyle*  
   textboxes, [G] *orientationstyle*, [G] *textboxstyle*  
   vertical alignment of text, [G] *alignmentstyle*  
*stylelist*, [G] *stylelists*  
 subtitle() option, [G] *title\_options*  
 suppressing graphs, [G] *nodraw\_option*  
 survival analysis, [G] **graph other**  
 survivor functions, [G] **graph other**  
 symbolpalette, palette subcommand, [G] **palette**  
 symbols, see markers  
*symbolstyle*, [G] *symbolstyle*  
 symmetry plots, [G] **graph other**

## T

t1title() option, [G] *title\_options*  
 t2title() option, [G] *title\_options*  
 text,  
   adding, [G] *added\_text\_options*  
   angle of, [G] *anglestyle*  
   captions, [G] *title\_options*  
   look of, [G] *textboxstyle*, [G] *textstyle*  
   note, [G] *title\_options*  
   resizing, [G] *scale\_option*  
   running outside of borders, [G] *added\_text\_options*  
   size of, [G] *textbox\_options*  
   subtitle, [G] *title\_options*  
   title, [G] *title\_options*  
   vertical alignment, [G] *alignmentstyle*  
 text and textboxes, relationship between, [G] *textstyle*

text() option, [G] *added\_text\_options*,  
   [G] *aspect\_option*  
 textboxes, [G] *textbox\_options*  
   orientation of, [G] *orientationstyle*  
*textboxstyle*, [G] *textboxstyle*  
*textsizestyle*, [G] *textsizestyle*  
*textstyle*, [G] *textstyle*  
 thickness of lines, [G] *linewidthstyle*  
 tick,  
   definition, [G] *tickstyle*  
   suppressing, [G] *tickstyle*  
*ticksetstyle*, [G] *ticksetstyle*  
*tickstyle*, [G] *tickstyle*  
 time-series plots, [G] **graph other**, [G] **graph twoway tslide**  
 title() option, [G] *title\_options*  
 titles, [G] *title\_options*  
   of axis, [G] *axis\_title\_options*  
 tlabel() option, [G] *axis\_label\_options*  
 tmlabel() option, [G] *axis\_label\_options*  
 tmtick() option, [G] *axis\_label\_options*  
 top() suboption, [G] *alignmentstyle*  
 tscale, **graph twoway** subcommand, [G] **graph twoway tslide**  
 tslide, **graph twoway** subcommand, [G] **graph twoway tslide**  
 tsrline, **graph twoway** subcommand, [G] **graph twoway tslide**  
 ttick() option, [G] *axis\_label\_options*  
 ttitle() option, [G] *axis\_label\_options*  
 Tufte, E. R., [G] **graph bar**, [G] **graph pie**  
 Tukey, J. W., [G] **graph box**, [G] **graph matrix**  
 Tukey, P. A., [G] *by\_option*, [G] **graph box**, [G] **graph matrix**  
 twoway graphs, see [G] *twoway\_options*  
   also see [G] **graph twoway**

## U

*unique* options, [G] **concept: repeated options**  
 use, **graph** subcommand, [G] **graph use**  
 using graphs, [G] **graph use**

## V

variance decompositions (FEVD), [G] **graph other**  
 vector autoregression (VAR), [G] **graph other**  
 vertical alignment of text, [G] *alignmentstyle*

## W

Wainer, H., [G] **graph pie**  
 Wallgren, A., [G] **graph intro**  
 Wallgren, B., [G] **graph intro**  
 weights, [G] **graph twoway scatter**

`width()` option, [G] **graph twoway histogram**  
Windows Metafiles, [G] **graph export**; [G] *mf\_option*

## X

X-bar charts, [G] **graph other**  
`xaxis()` suboption, [G] *axis\_choice\_options*  
`xcommon` option, [G] **graph combine**  
`xlabel()` option, [G] *axis\_label\_options*  
`xline()` option, [G] *added\_line\_options*  
`xmlabel()` option, [G] *axis\_label\_options*  
`xmtick()` option, [G] *axis\_label\_options*  
`xscale()` option, [G] *axis\_scale\_options*  
`xsize()` option, [G] **graph display**, [G] *region\_options*  
`xtick()` option, [G] *axis\_label\_options*  
`xtitle()` option, [G] *axis\_title\_options*  
`xvarformat()` option, [G] *advanced\_options*  
`xvarlabel()` option, [G] *advanced\_options*

## Y

`yaxis()` option, [G] *axis\_choice\_options*  
`ycommon` option, [G] **graph combine**  
`ylabel()` option, [G] *axis\_label\_options*  
`yline()` option, [G] *added\_line\_options*  
`ymlabel()` option, [G] *axis\_label\_options*  
`ymtick()` option, [G] *axis\_label\_options*  
`yscale()` option, [G] *axis\_scale\_options*  
`ysize()` option, [G] **graph display**, [G] *region\_options*  
`ytick()` option, [G] *axis\_label\_options*  
`yttitle()` option, [G] *axis\_title\_options*  
`yvarformat()` option, [G] *advanced\_options*  
`yvarlabel()` option, [G] *advanced\_options*