

Subject and author index

This is the subject and author index for the *Graphics Reference Manual*. Readers interested in topics other than graphics should see the combined subject index (and the combined author index) in the *Glossary and Index*.

A

added lines, $y=x$, [G-2] **graph twoway function**
addeditlinestyle, [G-4] *addeditlinestyle*
added-variable plots, [G-2] **graph other**
adding
 fits, see fits, adding
 lines, see lines, adding
 text, see text, adding
`addplot()` option, [G-3] *addplot_option*
alignment of text, [G-3] *textbox_options*
alignmentstyle, [G-4] *alignmentstyle*
angle of text, [G-4] *anglestyle*
anglestyle, [G-4] *anglestyle*
apply recording, [G-2] **graph play**
area, **graph twoway** subcommand, [G-2] **graph twoway area**
areas, [G-4] *colorstyle*, also see fill, areas, dimming and brightening, also see fill, color, setting
areastyle, [G-4] *areastyle*
arrows, [G-2] **graph twoway pcarrow**
`ascategory()` option, [G-2] **graph bar**, [G-2] **graph box**, [G-2] **graph dot**
asis print color mapping, [G-2] **set printcolor**
aspect ratio, [G-3] *aspect_option*
 changing, [G-2] **graph display**
 controlling, [G-2] **graph combine**
asyvars option, [G-2] **graph bar**, [G-2] **graph box**, [G-2] **graph dot**
automatic print color mapping, [G-2] **set printcolor**
available area, [G-3] *region_options*
axes
 multiple scales, [G-3] *axis_choice_options*
 setting offset between and plot region, [G-3] *region_options*
 suppressing, [G-3] *axis_scale_options*
axis
 labeling, [G-3] *axis_label_options*, [G-3] *axis_options*
 line, look of, [G-3] *axis_scale_options*, [G-3] *cat_axis_label_options*, [G-3] *cat_axis_line_options*
 log, [G-3] *axis_scale_options*
 overall look, [G-4] *axisstyle*
 range, [G-3] *axis_scale_options*
 reversed, [G-3] *axis_scale_options*
 scale, [G-3] *axis_options*, [G-3] *axis_scale_options*
 selection of, [G-3] *axis_choice_options*
 suppressing, [G-3] *axis_scale_options*

axis, *continued*
 ticking, [G-3] *axis_label_options*
 titling, [G-3] *axis_options*, [G-3] *axis_title_options*
 suppressing, [G-3] *axis_title_options*
axisstyle, [G-4] *axisstyle*

B

`bititle()` option, [G-3] *title_options*
`b2title()` option, [G-3] *title_options*
background color, [G-4] *schemes intro*
 setting, [G-3] *region_options*
bar
 graph subcommand, [G-2] **graph bar**
 graph twoway subcommand, [G-2] **graph twoway bar**
bar charts, [G-2] **graph bar**
barbsize option, [G-2] **graph twoway pcarrow**
barlook options, [G-3] *barlook_options*
bars
 labeling, [G-3] *lblabel_option*
 look of, [G-3] *barlook_options*
base plottypes, [G-3] *advanced_options*
baseline suboption, [G-4] *alignmentstyle*
Basford, K. E., [G-2] **graph matrix**
Becker, R. A., [G-2] **graph matrix**
Beniger, J. R., [G-2] **graph bar**, [G-2] **graph pie**, [G-2] **graph twoway histogram**
`bin()` option, [G-2] **graph twoway histogram**
bitmap, [G-3] *png_options*, [G-3] *tif_options*
bold font, [G-4] *text*
border around plot region, suppressing, [G-3] *region_options*
borders
 misplacement of, [G-3] *added_text_options*
 suppressing, [G-4] *linestyle*
 suppressing around plot region, [G-3] *region_options*
bottom suboption, [G-4] *alignmentstyle*
box, **graph** subcommand, [G-2] **graph box**
box plots, [G-2] **graph box**
Brzinsky-Fay, C., [G-2] **graph twoway rbar**
`bstyle()` option, [G-3] *barlook_options*
building a graph, [G-1] **graph intro**
Buis, M. L., [G-3] *by_option*
bullet symbol, [G-4] *text*
`by()` option, [G-2] **graph bar**, [G-3] *by_option*
`by()`, use of legends with, [G-3] *by_option*, [G-3] *legend_option*, [G-3] *legend_options*
by-graphs, look of, [G-4] *bystyle*
bystyle, [G-4] *bystyle*

C

C charts, [G-2] **graph other**
capped spikes, [G-3] *rcap_options*

caption() option, [G-3] *title_options*
casement displays, [G-3] *by_option*
categorical axis, look of
 labels, [G-3] *cat_axis_label_options*
 line, [G-3] *cat_axis_line_options*
center suboption, [G-4] *justificationstyle*
Chambers, J. M., [G-2] **graph box**, [G-2] **graph matrix**, [G-3] *by_option*
chi-squared probability and quantile plots, [G-2] **graph other**
clegend() option, [G-3] *clegend_option*, [G-3] *legend_options*
Cleveland, W. S., [G-1] **graph intro**, [G-2] **graph box**, [G-2] **graph dot**, [G-2] **graph matrix**, [G-2] **graph twoway lowest**, [G-3] *by_option*
clock position, [G-4] *clockposstyle*
clstyle() option, [G-3] *connect_options*
cmissing() option, [G-3] *cline_options*, [G-3] *connect_options*
color, [G-2] **palette**, [G-4] *colorstyle*
 background, [G-4] *schemes intro*
 dimming and brightening, [G-2] **graph twoway histogram**, [G-2] **graph twoway kdensity**, [G-4] *colorstyle*
 foreground, [G-4] *schemes intro*
 intensity adjustment, [G-2] **graph twoway histogram**, [G-2] **graph twoway kdensity**, [G-4] *colorstyle*
 of bars, [G-3] *barlook_options*
 of connecting lines, [G-3] *connect_options*
 of markers, [G-3] *marker_options*
 of pie slices, [G-2] **graph pie**
 of text, [G-3] *textbox_options*
 setting background and fill, [G-3] *region_options*
color() option, [G-2] **graph twoway histogram**, [G-2] **graph twoway kdensity**
color, palette subcommand, [G-2] **palette colorstyle**, [G-4] *colorstyle*
combine, graph subcommand, [G-2] **graph combine**
combining graphs, [G-2] **graph combine**
compassdirstyle, [G-4] *compassdirstyle*
component-plus-residual plot, [G-2] **graph other**
connect() option, [G-3] *cline_options*, [G-3] *connect_options*, [G-4] *connectstyle*
connected, graph twoway subcommand, [G-2] **graph twoway connected**
connectstyle, [G-4] *connectstyle*
contour, graph twoway subcommand, [G-2] **graph twoway contour**
contour plot, [G-2] **graph twoway contour**, [G-3] *clegend_option*
contourline, graph twoway subcommand, [G-2] **graph twoway contourline**
contour-line plot, [G-2] **graph twoway contourline**
copy graph, [G-2] **graph copy**
copy, graph subcommand, [G-2] **graph copy**
copycolor, set subcommand, [G-2] **set printcolor**
copyright symbol, [G-4] *text*

correlogram, [G-2] **graph other**
Cox, N. J., [G-1] **graph intro**, [G-2] **graph bar**, [G-2] **graph box**, [G-2] **graph dot**, [G-2] **graph twoway dot**, [G-2] **graph twoway function**, [G-2] **graph twoway histogram**, [G-2] **graph twoway kdensity**, [G-2] **graph twoway lowest**, [G-2] **graph twoway lpoly**, [G-2] **graph twoway pcarrow**, [G-2] **graph twoway pcspike**, [G-2] **graph twoway scatter**, [G-3] *added_line_options*, [G-3] *added_text_options*, [G-3] *aspect_option*, [G-3] *axis_label_options*, [G-3] *axis_scale_options*, [G-3] *by_option*, [G-3] *title_options*, [G-4] *linestyle*
cross-correlogram, [G-2] **graph other**
Crowe, P. R., [G-2] **graph box**
cusum plots, [G-2] **graph other**

D

dashed lines, [G-4] *linepatternstyle*
dendrogram, [G-2] **graph other**
Denis, D., [G-2] **graph twoway scatter**
density option, [G-2] **graph twoway histogram**
density smoothing, [G-2] **graph other**
derived plottypes, [G-3] *advanced_options*
describe, graph subcommand, [G-2] **graph describe**
describing graph, [G-2] **graph describe**
diagnostic plots, [G-2] **graph other**
dir, graph subcommand, [G-2] **graph dir**
discard, relationship to graph drop, [G-2] **graph drop**
discrete option, [G-2] **graph twoway histogram**
display graph, [G-2] **graph display**
display, graph subcommand, [G-2] **graph display**
displaying named graphs, [G-2] **graph display**, [G-2] **graph use**
distributional diagnostic plots, [G-2] **graph other**
dot,
 graph subcommand, [G-2] **graph dot**
 graph twoway subcommand, [G-2] **graph twoway dot**
dot plots, [G-2] **graph dot**, [G-2] **graph twoway dot**, [G-3] *area_options*, [G-3] *line_options*
dotted lines, [G-4] *linepatternstyle*
drop, graph subcommand, [G-2] **graph drop**
dropline, graph twoway subcommand, [G-2] **graph twoway dropline**
dropping graphs, [G-2] **graph drop**

E

economist scheme, [G-3] *axis_options*, [G-4] *scheme economist*
edit, graphs, [G-1] **graph editor**
ellipsis, [G-4] *text*
Encapsulated PostScript, [G-2] **graph export**, [G-3] *eps_options*, [G-4] *text*
Enhanced Metafile, [G-2] **graph export**

Epanechnikov kernel function, [G-2] **graph twoway kdensity**, [G-2] **graph twoway lpoly**
 erasing graph files, [G-2] **graph drop**
 export, **graph** subcommand, [G-2] **graph export**
 exporting graphs, [G-2] **graph export**, [G-2] **graph set**, [G-3] *eps_options*, [G-3] *png_options*, [G-3] *ps_options*, [G-3] *tif_options*, [G-4] *text*

F

FEVD, see forecast-error variance decomposition
 fill
 areas, dimming and brightening, [G-2] **graph twoway histogram**, [G-2] **graph twoway kdensity**, [G-4] *colorstyle*
 color, setting, [G-3] *region_options*
 fits, adding, [G-2] **graph twoway ffit**, [G-2] **graph twoway fffitci**, [G-2] **graph twoway lfit**, [G-2] **graph twoway lfitci**, [G-2] **graph twoway qfit**, [G-2] **graph twoway qfitci**
 Flannery, B. P., [G-2] **graph twoway contour**
 fonts, in graphs, [G-4] *text*
 forecast, [G-2] **graph other**
 forecast-error variance decomposition, [G-2] **graph other**
 foreground color, [G-4] *schemes intro*
fffit, **graph twoway** subcommand, [G-2] **graph twoway fffit**
fffitci, **graph twoway** subcommand, [G-2] **graph twoway fffitci**
 fraction option, [G-2] **graph twoway histogram**
 frequency option, [G-2] **graph twoway histogram**
 Friendly, M., [G-2] **graph twoway scatter**
 function, **graph twoway** subcommand, [G-2] **graph twoway function**
 functions, graphing, [G-2] **graph twoway function**
 Funkhouser, H. G., [G-2] **graph pie**
fxsize() option, [G-2] **graph combine**
fysize() option, [G-2] **graph combine**

G

gap() option, [G-2] **graph twoway histogram**
 Gaussian kernel function, [G-2] **graph twoway kdensity**, [G-2] **graph twoway lpoly**
 Good, P. I., [G-1] **graph intro**
 gph files, [G-2] **graph manipulation**, [G-4] *concept: gph files*
 describing contents, [G-2] **graph describe**
graph bar command, [G-2] **graph bar**
graph box command, [G-2] **graph box**
graph combine command, [G-2] **graph combine**
graph command, [G-2] **graph**
graph copy command, [G-2] **graph copy**
graph describe, [G-2] **graph describe**
graph dir command, [G-2] **graph dir**
graph display command, [G-2] **graph display**
graph dot command, [G-2] **graph dot**, [G-3] *area_options*, [G-3] *line_options*
graph drop command, [G-2] **graph drop**
 Graph Editor, [G-1] **graph editor**
graph export command, [G-2] **graph export**
graph hbox command, [G-2] **graph bar**
graph hbox command, [G-2] **graph box**
graph matrix command, [G-2] **graph matrix**
graph pie command, [G-2] **graph pie**
graph play command, [G-2] **graph play**
graph print command, [G-2] **graph print**, [G-3] *pr_options*
graph query command, [G-2] **graph query**
graph region, [G-3] *region_options*
graph rename command, [G-2] **graph rename**
graph save command, [G-2] **graph save**
graph set command, [G-2] **graph set**
graph set print command, [G-2] **graph set**
graph text, [G-4] *text*
graph twoway area command, [G-2] **graph twoway area**
graph twoway bar command, [G-2] **graph twoway bar**
graph twoway command, [G-2] **graph twoway**
graph twoway connected command, [G-2] **graph twoway connected**
graph twoway contour command, [G-2] **graph twoway contour**
graph twoway contourline command, [G-2] **graph twoway contourline**
graph twoway dot command, [G-2] **graph twoway dot**
graph twoway dropline command, [G-2] **graph twoway dropline**
graph twoway fffit command, [G-2] **graph twoway fffit**
graph twoway fffitci command, [G-2] **graph twoway fffitci**
graph twoway function command, [G-2] **graph twoway function**
graph twoway histogram command, [G-2] **graph twoway histogram**
graph twoway kdensity command, [G-2] **graph twoway kdensity**
graph twoway lfit command, [G-2] **graph twoway lfit**
graph twoway lfitci command, [G-2] **graph twoway lfitci**
graph twoway line command, [G-2] **graph twoway line**
graph twoway lowess command, [G-2] **graph twoway lowess**
graph twoway lpoly command, [G-2] **graph twoway lpoly**
graph twoway lpolyci command, [G-2] **graph twoway lpolyci**
graph twoway mband command, [G-2] **graph twoway mband**
graph twoway mspline command, [G-2] **graph twoway mspline**

graph twoway pcarrow command, [G-2] **graph twoway pcarrow**

graph twoway pcarrowi command, [G-2] **graph twoway pcarrowi**

graph twoway pccbarrow command, [G-2] **graph twoway pccbarrow**

graph twoway pccapsym command, [G-2] **graph twoway pccapsym**

graph twoway pci command, [G-2] **graph twoway pci**

graph twoway pscatter command, [G-2] **graph twoway pscatter**

graph twoway pspike command, [G-2] **graph twoway pspike**

graph twoway qfit command, [G-2] **graph twoway qfit**

graph twoway qfitci command, [G-2] **graph twoway qfitci**

graph twoway rarea command, [G-2] **graph twoway rarea**

graph twoway rbar command, [G-2] **graph twoway rbar**

graph twoway rcap command, [G-2] **graph twoway rcap**

graph twoway rcapsym command, [G-2] **graph twoway rcapsym**

graph twoway rconnected command, [G-2] **graph twoway rconnected**

graph twoway rline command, [G-2] **graph twoway rline**

graph twoway rscatter command, [G-2] **graph twoway rscatter**

graph twoway rspike command, [G-2] **graph twoway rspike**

graph twoway scatter command, [G-2] **graph twoway scatter**

graph twoway scatteri command, [G-2] **graph twoway scatteri**

graph twoway spike command, [G-2] **graph twoway spike**

graph twoway tsline command, [G-2] **graph twoway tsline**

graph twoway tsrline command, [G-2] **graph twoway tsrline**

graph use command, [G-2] **graph use**

graphics, query subcommand, [G-2] **set graphics**, [G-2] **set printcolor**, [G-2] **set scheme**

graphics, set subcommand, [G-2] **set graphics**

graphregion() option, [G-3] **region_options**

graphs,

- describing contents, [G-2] **graph describe**
- overall look of, [G-4] **schemes intro**
- saving, [G-3] **saving_option**
- suppressing, [G-3] **nodraw_option**

Greek letters, [G-4] **text**

grid

- definition, [G-4] **gridstyle**
- lines, [G-3] **axis_label_options**
 - without ticks, [G-4] **tickstyle**

gridstyle, [G-4] **gridstyle**

groups, graphs by, [G-3] **by_option**

gs1 print color mapping, [G-2] **set printcolor**

gs2 print color mapping, [G-2] **set printcolor**

gs3 print color mapping, [G-2] **set printcolor**

Guerry, A.-M., [G-2] **graph twoway histogram**

H

Haaland, J.-A., [G-1] **graph intro**

half option, [G-2] **graph matrix**

Hamilton, L. C., [G-1] **graph intro**

Hardin, J. W., [G-1] **graph intro**

Harrison, D. A., [G-2] **graph twoway histogram**

Hartigan, J. A., [G-2] **graph matrix**

hazard function, [G-2] **graph other**

hbar, graph subcommand, [G-2] **graph bar**

hbox, graph subcommand, [G-2] **graph hbox**

headlabel option, [G-2] **graph twoway pccapsym**, [G-2] **graph twoway pscatter**

height() textbox option, [G-3] **added_text_options**

high-low charts, [G-2] **graph twoway rbar**, [G-2] **graph twoway rcap**, [G-2] **graph twoway rspike**

histogram, graph twoway subcommand, [G-2] **graph twoway histogram**

histograms, [G-2] **graph twoway histogram**

histories, [G-2] **graph bar**, [G-2] **graph box**, [G-2] **graph matrix**, [G-2] **graph pie**, [G-2] **graph twoway histogram**, [G-3] **by_option**

I

impulse–response functions, [G-2] **graph other**

intensity, color, adjustment, [G-2] **graph twoway histogram**, [G-2] **graph twoway kdensity**, [G-4] **colorstyle**

intensitystyle, [G-4] **intensitystyle**

IRF, see impulse–response functions

iscale() option, [G-2] **graph matrix**

isolines, [G-2] **graph twoway contourline**

italics, [G-4] **text**

J

jitter() option, [G-2] **graph matrix**, [G-2] **graph twoway scatter**

jitterseed() option, [G-2] **graph matrix**, [G-2] **graph twoway scatter**

Jorner, U., [G-1] **graph intro**

justification of text, [G-3] **textbox_options**

justificationstyle, [G-4] **justificationstyle**

K

kdensity, graph twoway subcommand, [G-2] **graph twoway kdensity**

kernel density smoothing, [G-2] **graph other**

keys, [G-3] *clegend_option*, [G-3] *legend_options*
 Kleiner, B., [G-2] **graph box**, [G-2] **graph matrix**,
 [G-3] *by_option*
 Kohler, U., [G-2] **graph twoway rbar**

L

l1title() option, [G-3] *title_options*
 l2title() option, [G-3] *title_options*
 labels,
 axis, [G-3] *axis_Label_options*
 marker, [G-3] *marker_Label_options*
 ladder of powers, [G-2] **graph other**
 lcolor() option, [G-3] *connect_options*,
 [G-3] *rspike_options*
 left suboption, [G-4] *justificationstyle*
 legend() option, [G-3] *legend_options*
 legends, [G-3] *clegend_option*, [G-3] *legend_options*
 problems, [G-3] *legend_options*
 use with by(), [G-3] *by_option*,
 [G-3] *clegend_option*, [G-3] *legend_options*
legendstyle, [G-4] *legendstyle*
 leverage plots, [G-2] **graph other**
 lfit, **graph twoway** subcommand, [G-2] **graph**
twoway lfit
 lfitci, **graph twoway** subcommand, [G-2] **graph**
twoway lfitci
 line, definition, [G-4] *linestyle*
 line, **graph twoway** subcommand, [G-2] **graph**
twoway line
 linepalette, palette subcommand, [G-2] **palette**
linepatternstyle, [G-4] *linepatternstyle*
 lines, [G-4] **concept: lines**
 adding, [G-2] **graph twoway lfit**,
 [G-3] *added_line_options*, also see fits, adding
 connecting points, [G-3] *connect_options*,
 [G-4] *connectstyle*
 dashed, [G-4] *linepatternstyle*
 dotted, [G-4] *linepatternstyle*
 grid, [G-4] *linestyle*
 look of, [G-3] *fcline_options*, [G-3] *line_options*,
 [G-4] *linestyle*
 patterns, [G-4] *linepatternstyle*
 suppressing, [G-4] *linestyle*
 thickness, [G-4] *linewidthstyle*
 lines,
 grid, [G-3] *axis_Label_options*
linestyle, [G-4] *linestyle*
 added, [G-4] *addedlinestyle*
linewidthstyle, [G-4] *linewidthstyle*
 local polynomial smoothing, [G-2] **graph other**,
 [G-2] **graph twoway lpoly**, [G-2] **graph twoway**
lpolyci
 location, specifying, [G-4] *clockposstyle*,
 [G-4] *compassdirstyle*, [G-4] *ringposstyle*
 log scales, [G-3] *axis_scale_options*
 look of areas, [G-3] *area_options*,
 [G-3] *fitarea_options*

lowess, **graph twoway** subcommand, [G-2] **graph**
twoway lowess
 lowess smoothing, [G-2] **graph other**
 lpattern() option, [G-3] *connect_options*,
 [G-3] *rspike_options*
 lpoly, **graph twoway** subcommand, [G-2] **graph**
twoway lpoly
 lpolyci, **graph twoway** subcommand, [G-2] **graph**
twoway lpolyci
 L-R plots, [G-2] **graph other**
 lstyle() option, [G-3] *rspike_options*
 lwidth() option, [G-3] *connect_options*,
 [G-3] *rspike_options*

M

mangle option, [G-2] **graph twoway pcarrow**
 manipulation commands, [G-2] **graph manipulation**
 margins, size of, [G-4] *marginstyle*
marginstyle, [G-3] *region_options*,
 [G-3] *textbox_options*, [G-4] *marginstyle*
 marker labels, [G-3] *marker_Label_options*,
 [G-4] *markerlabelstyle*
markerlabelstyle, [G-4] *markerlabelstyle*
 markers, [G-3] *marker_options*, also see marker labels
 color, [G-4] *colorstyle*
 resizing, [G-3] *scale_option*
 shape of, [G-4] *symbolstyle*
 size of, [G-4] *markersizestyle*
markersizestyle, [G-4] *markersizestyle*
markerstyle, [G-4] *markerstyle*
 math symbols, [G-4] *text*
 matrix, **graph** subcommand, [G-2] **graph matrix**
 matrix graphs, [G-2] **graph matrix**
 maxes() option, [G-2] **graph matrix**
 mband, **graph twoway** subcommand, [G-2] **graph**
twoway mband
 mcolor() option, [G-3] *marker_options*
 memory graphs, describing contents, [G-2] **graph**
describe
merged-explicit options, [G-4] **concept: repeated**
options
merged-implicit options, [G-4] **concept: repeated**
options
 mfcolor() option, [G-3] *marker_options*
 middle suboption, [G-4] *alignmentstyle*
 Mitchell, M. N., [G-1] **graph intro**
 mlabangle() option, [G-3] *marker_Label_options*
 mlabcolor() option, [G-3] *marker_Label_options*
 mlabel() option, [G-3] *marker_Label_options*
 mlabgap() option, [G-3] *marker_Label_options*
 mlabposition() option, [G-3] *marker_Label_options*
 mlabsize() option, [G-3] *marker_Label_options*
 mlabstyle() option, [G-3] *marker_Label_options*
 mlabtextstyle() option,
 [G-3] *marker_Label_options*
 mlabvposition() option,
 [G-3] *marker_Label_options*

mlcolor() option, [G-3] *marker_options*
 mlpattern() option, [G-3] *marker_options*
 mlstyle() option, [G-3] *marker_options*
 mlinewidth() option, [G-3] *marker_options*
 msize() option, [G-3] *marker_options*,
 [G-3] *rcap_options*
 mspline, graph twoway subcommand, [G-2] **graph**
twoway mspline
 mstyle() option, [G-3] *marker_options*
 msymbol() option, [G-3] *marker_options*

N

name() option, [G-3] *name_option*
 Nash, J. C., [G-2] **graph box**
 ndots() option, [G-2] **graph twoway dot**
 Nightingale, F, [G-2] **graph pie**
 nodraw option, [G-3] *nodraw_option*
 normal probability plots, [G-2] **graph other**
 note() option, [G-3] *title_options*
 numbered
 styles, [G-4] *linestyle*, [G-4] *markerlabelstyle*,
 [G-4] *markerstyle*, [G-4] *pstyle*

O

objects, size of, [G-4] *relativesize*
 offset between axes and data, setting,
 [G-3] *region_options*
 options, repeated, [G-4] **concept: repeated options**
orientationstyle, [G-4] *orientationstyle*
 other graph commands, [G-2] **graph other**
 outlines, suppressing, [G-4] *linestyle*
 outlining regions, [G-3] *region_options*
 over() option, [G-2] **graph bar**, [G-2] **graph box**,
 [G-2] **graph dot**

P

P charts, [G-2] **graph other**
 paired-coordinate plots, [G-2] **graph twoway pcarrow**,
 [G-2] **graph twoway pccapsym**, [G-2] **graph**
twoway pscatter, [G-2] **graph twoway pcp_spike**
 palette command, [G-2] **palette**
 Parzen kernel function, [G-2] **graph twoway kdensity**,
 [G-2] **graph twoway lpoly**
 pcarrow, graph twoway subcommand, [G-2] **graph**
twoway pcarrow
 pcarrowi, graph twoway subcommand, [G-2] **graph**
twoway pcarrowi
 pccarrow, graph twoway subcommand, [G-2] **graph**
twoway pccarrow
 pccapsym, graph twoway subcommand, [G-2] **graph**
twoway pccapsym
 pci, graph twoway subcommand, [G-2] **graph twoway**
pci
 pscatter, graph twoway subcommand, [G-2] **graph**
twoway pscatter

pcspike, graph twoway subcommand, [G-2] **graph**
twoway pcp_spike
 PDF, [G-2] **graph export**
 Pearson, K., [G-2] **graph twoway histogram**
 periodogram, [G-2] **graph other**
 Persson, R., [G-1] **graph intro**
 pharmacokinetic plots, [G-2] **graph other**
 pie charts, [G-2] **graph pie**
 pie, graph subcommand, [G-2] **graph pie**
 play, graph subcommand, [G-2] **graph play**
 play() option, [G-3] *play_option*
 Playfair, W. H., [G-2] **graph bar**, [G-2] **graph pie**
 plegend() option, [G-3] *legend_options*
 plot, definition, [G-4] *pstyle*
 plot region, [G-3] *region_options*
 suppressing border around, [G-3] *region_options*
 plotregion() option, [G-3] *region_options*
 plotregionstyle, [G-4] *plotregionstyle*
 plottypes
 base, [G-3] *advanced_options*
 derived, [G-3] *advanced_options*
 PNG, [G-3] *png_options*
 points, connecting, [G-3] *connect_options*,
 [G-4] *connectstyle*
 polynomial smoothing, see local polynomial smoothing
 population pyramid, [G-2] **graph twoway bar**
 PostScript, [G-2] **graph export**, [G-3] *eps_options*,
 [G-3] *ps_options*, [G-4] *text*
 Press, W. H., [G-2] **graph twoway contour**
 print,
 graph subcommand, [G-2] **graph print**
 printcolor, set subcommand, [G-2] **set printcolor**
 printing graphs, [G-2] **graph print**, [G-3] *pr_options*
 exporting options, [G-2] **graph set**
 settings, [G-2] **graph set**
 projection plot, [G-2] **graph twoway contour**,
 [G-2] **graph twoway contourline**
pstyle, [G-4] *pstyle*
 pstyle() option, [G-2] **graph twoway scatter**,
 [G-3] *rspike_options*, [G-4] *pstyle*
 pyramid, population, [G-2] **graph twoway bar**

Q

qfit, graph twoway subcommand, [G-2] **graph**
twoway qfit
 qfitci, graph twoway subcommand, [G-2] **graph**
twoway qfitci
 quality control charts, [G-2] **graph other**
 quantile plots, [G-2] **graph other**
 quantile-quantile plots, [G-2] **graph other**
 query, graph subcommand, [G-2] **graph query**
 query graphics command, [G-2] **set graphics**,
 [G-2] **set printcolor**, [G-2] **set scheme**

R

R charts, [G-2] **graph other**

r1title() option, [G-3] [title_options](#)
r2title() option, [G-3] [title_options](#)
 range plots, [G-3] [rcap_options](#)
 range spikes, [G-3] [rspike_options](#)
rarea, graph twoway subcommand, [G-2] [graph twoway rarea](#)
rbar, graph twoway subcommand, [G-2] [graph twoway rbar](#)
rcap, graph twoway subcommand, [G-2] [graph twoway rcap](#)
rcapsym, graph twoway subcommand, [G-2] [graph twoway rcapsym](#)
rconnected, graph twoway subcommand, [G-2] [graph twoway rconnected](#)
recast() option, [G-3] [advanced_options](#), [G-3] [rcap_options](#), [G-3] [rspike_options](#)
 receiver operating characteristic analysis, [G-2] [graph other](#)
redisplay graph, [G-2] [graph display](#)
 regions

- look of, [G-4] [areastyle](#)
- outlining, [G-3] [region_options](#)
- shading, [G-3] [region_options](#)

 regression

- diagnostic plots, [G-2] [graph other](#)
- lines, see [fits](#), adding

rename graph, [G-2] [graph rename](#)
rename, graph subcommand, [G-2] [graph rename](#)
 repeated options, [G-4] **concept:** [repeated options](#)
 residual-versus-fitted plot, [G-2] [graph other](#)
 residual-versus-predictor plot, [G-2] [graph other](#)
 reversed scales, [G-3] [axis_scale_options](#)
 right suboption, [G-4] [justificationstyle](#)
rightmost options, [G-4] **concept:** [repeated options](#)
rline, graph twoway subcommand, [G-2] [graph twoway rline](#)
 Robbins, N. B., [G-2] [graph dot](#)
 Robyn, D. L., [G-2] [graph bar](#), [G-2] [graph pie](#), [G-2] [graph twoway histogram](#)
 ROC, see receiver operating characteristic analysis
 rootograms, [G-2] [graph other](#)
 Royston, P., [G-2] [graph twoway lowess](#), [G-2] [graph twoway scatter](#)
rscatter, graph twoway subcommand, [G-2] [graph twoway rscatter](#)
rspike, graph twoway subcommand, [G-2] [graph twoway rspike](#)

S

s1color scheme, [G-4] [scheme s1](#)
s1manual scheme, [G-4] [scheme s1](#)
s1mono scheme, [G-4] [scheme s1](#)
s1rcolor scheme, [G-4] [scheme s1](#)
s2color scheme, [G-4] [scheme s2](#)
s2gcolor scheme, [G-4] [scheme s2](#)
s2gmanual scheme, [G-4] [scheme s2](#)

s2manual scheme, [G-4] [scheme s2](#)
s2mono scheme, [G-4] [scheme s2](#)
save, graph subcommand, [G-2] [graph save](#)
saving() option, [G-3] [saving_option](#)
 scale,

- log, [G-3] [axis_scale_options](#)
- range of, [G-3] [axis_scale_options](#)
- reversed, [G-3] [axis_scale_options](#)

scale() option, [G-3] [scale_option](#)
scatter, graph twoway subcommand, [G-2] [graph twoway scatter](#)
scatteri, graph twoway subcommand, [G-2] [graph twoway scatteri](#)
 scatterplot matrices, [G-2] [graph matrix](#)
scheme() option, [G-3] [scheme_option](#)
scheme, set subcommand, [G-2] [set scheme](#)
 schemes, [G-2] [set scheme](#), [G-3] [play_option](#), [G-3] [scheme_option](#), [G-4] [schemes intro](#), [G-4] [scheme economist](#), [G-4] [scheme s1](#), [G-4] [scheme s2](#), [G-4] [scheme sj](#)

- changing, [G-2] [graph display](#)
- creating your own, [G-4] [schemes intro](#)
- default, [G-2] [set scheme](#)

set

- copycolor** command, [G-2] [set printcolor](#)
- graphics** command, [G-2] [set graphics](#)
- print**, graph subcommand, [G-2] [graph set printcolor](#) command, [G-2] [set printcolor](#)
- scheme** command, [G-2] [set scheme](#), [G-4] [schemes intro](#)

set, graph subcommand, [G-2] [graph set](#)
shadestyle, [G-4] [shadestyle](#)
 shading region, [G-3] [region_options](#)
 size of

- all text and markers, [G-3] [scale_option](#) graph, [G-3] [region_options](#)
 - changing, [G-2] [graph display](#)
- markers, [G-3] [marker_options](#)
- objects, [G-4] [relativesize](#)
- text, [G-3] [textbox_options](#)

sj scheme, [G-4] [scheme sj](#)
 SMCL, see Stata Markup and Control Language
 smoothing, [G-2] [graph twoway lpoly](#)
 smoothing graphs, [G-2] [graph other](#)
sort option, [G-3] [connect_options](#)
 specialized graphs, [G-2] [graph other](#)
 spectral distribution plots, cumulative, [G-2] [graph other](#)
 Spence, I., [G-2] [graph pie](#)
spike, graph twoway subcommand, [G-2] [graph twoway spike](#)
 staircase, connecting points with, [G-4] [connectstyle](#)
 standard error bar charts, [G-2] [graph other](#)
start() option, [G-2] [graph twoway histogram](#) *Stata Journal*, [G-4] [scheme sj](#)
 Stata logo, [G-2] [graph print](#), [G-3] [pr_options](#)
 Stata Markup and Control Language, [G-4] [text](#)

- style
- added line, [G-4] *addedlinestyle*
 - area, [G-4] *areastyle*
 - axis, [G-4] *tickstyle*
 - by-graphs, [G-4] *bystyle*
 - clock position, [G-4] *clockposstyle*
 - color, [G-4] *colorstyle*
 - compass direction, [G-4] *compassdirstyle*
 - connect points, [G-4] *connectstyle*
 - grid lines, [G-4] *gridstyle*
 - legends, [G-4] *legendstyle*
 - lines, [G-4] *linepatternstyle*, [G-4] *linestyle*, [G-4] *linewidthstyle*
 - lists, [G-4] *stylelists*
 - margins, [G-4] *marginstyle*
 - marker labels, [G-4] *markerlabelstyle*, [G-4] *markersizestyle*, [G-4] *markerstyle*
 - markers, [G-4] *symbolstyle*
 - plot, [G-4] *pstyle*
 - text, [G-4] *textsizestyle*, [G-4] *textstyle*
 - text display angle, [G-4] *anglestyle*
 - text justification, [G-4] *justificationstyle*
 - textboxes, [G-4] *orientationstyle*, [G-4] *textboxstyle*
 - vertical alignment of text, [G-4] *alignmentstyle*
- stylelist*, [G-4] *stylelists*
- subscripts, [G-4] *text*
- subtitle() option, [G-3] *title_options*
- superscripts, [G-4] *text*
- suppressing graphs, [G-3] *nodraw_option*
- survival analysis, [G-2] **graph other**
- survivor function, [G-2] **graph other**
- symbolpalette, palette subcommand, [G-2] **palette**
- symbols, [G-4] *text*, also see markers
- symbolstyle*, [G-4] *symbolstyle*
- symmetry plots, [G-2] **graph other**
- T**
- t1title() option, [G-3] *title_options*
- t2title() option, [G-3] *title_options*
- Teukolsky, S. A., [G-2] **graph twoway contour**
- text() option, [G-3] *added_text_options*, [G-3] *aspect_option*
- text,
- adding, [G-3] *added_text_options*
 - angle of, [G-4] *anglestyle*
 - captions, [G-3] *title_options*
 - in graphs, [G-4] *text*
 - look of, [G-4] *textboxstyle*, [G-4] *textstyle*
 - note, [G-3] *title_options*
 - resizing, [G-3] *scale_option*
 - running outside of borders, [G-3] *added_text_options*
 - size of, [G-3] *textbox_options*
 - subtitle, [G-3] *title_options*
 - title, [G-3] *title_options*
 - vertical alignment, [G-4] *alignmentstyle*
- text and textboxes, relationship between, [G-4] *textstyle*
 - textboxes, [G-3] *textbox_options*
 - orientation of, [G-4] *orientationstyle*
 - textboxstyle*, [G-4] *textboxstyle*
 - textsizestyle*, [G-4] *textsizestyle*
 - textstyle*, [G-4] *textstyle*
 - thickness of lines, [G-4] *linewidthstyle*
 - three-dimensional graph, [G-2] **graph twoway contour**, [G-2] **graph twoway contourline**
 - tick,
 - definition, [G-4] *tickstyle*
 - suppressing, [G-4] *tickstyle*
 - ticksetstyle*, [G-4] *ticksetstyle*
 - tickstyle*, [G-4] *tickstyle*
 - TIFF, [G-3] *tif_options*
 - time-series plots, [G-2] **graph other**, [G-2] **graph twoway tcline**
 - title() option, [G-3] *title_options*
 - titles, [G-3] *title_options*
 - of axis, [G-3] *axis_title_options*
 - tlabel() option, [G-3] *axis_label_options*
 - tmlabel() option, [G-3] *axis_label_options*
 - tmtick() option, [G-3] *axis_label_options*
 - top() suboption, [G-4] *alignmentstyle*
 - trademark symbol, [G-4] *text*
 - tyscale() option, [G-3] *axis_scale_options*
 - tyscale, graph twoway subcommand, [G-2] **graph twoway tcline**
 - tcline, graph twoway subcommand, [G-2] **graph twoway tcline**
 - tsrline, graph twoway subcommand, [G-2] **graph twoway tcline**
 - ttick() option, [G-3] *axis_label_options*
 - ttitle() option, [G-3] *axis_title_options*
 - Tufte, E. R., [G-2] **graph bar**, [G-2] **graph pie**
 - Tukey, J. W., [G-2] **graph box**, [G-2] **graph matrix**
 - Tukey, P. A., [G-2] **graph box**, [G-2] **graph matrix**, [G-3] *by_option*
- U**
- unique* options, [G-4] **concept: repeated options**
- use, graph subcommand, [G-2] **graph use**
- using graphs, [G-2] **graph use**
- V**
- VAR, see **vector autoregressive model**
- vector autoregressive model, [G-2] **graph other**
- vertical alignment of text, [G-4] *alignmentstyle*
- Vetterling, W. T., [G-2] **graph twoway contour**
- W**
- Wainer, H., [G-2] **graph pie**
- Wallgren, A., [G-1] **graph intro**
- Wallgren, B., [G-1] **graph intro**

weights, [G-2] **graph twoway scatter**
 Weiss, M., [G-3] *by_option*
 width() option, [G-2] **graph twoway histogram**
 Wiggins, V. L., [G-3] *axis_choice_options*
 Windows Metafile, [G-2] **graph export**
 Winter, N. J. G., [G-2] **graph twoway scatter**

X

xaxis() suboption, [G-3] *axis_choice_options*
 X-bar charts, [G-2] **graph other**
 xcommon option, [G-2] **graph combine**
 xlabel() option, [G-3] *axis_label_options*
 xline() option, [G-3] *added_line_options*
 xlabel() option, [G-3] *axis_label_options*
 xmtick() option, [G-3] *axis_label_options*
 xscale() option, [G-3] *axis_scale_options*
 xsize() option, [G-2] **graph display**,
 [G-3] *region_options*
 xtick() option, [G-3] *axis_label_options*
 xtitle() option, [G-3] *axis_title_options*
 xvarformat() option, [G-3] *advanced_options*
 xvarlabel() option, [G-3] *advanced_options*

Y

yaxis() suboption, [G-3] *axis_choice_options*
 ycommon option, [G-2] **graph combine**
 ylabel() option, [G-3] *axis_label_options*
 yline() option, [G-3] *added_line_options*
 ylabel() option, [G-3] *axis_label_options*
 ymtick() option, [G-3] *axis_label_options*
 yscale() option, [G-3] *axis_scale_options*
 ysize() option, [G-2] **graph display**,
 [G-3] *region_options*
 ytick() option, [G-3] *axis_label_options*
 ytitle() option, [G-3] *axis_title_options*
 yvarformat() option, [G-3] *advanced_options*
 yvarlabel() option, [G-3] *advanced_options*

Z

zlabel() option, [G-3] *axis_label_options*
 zmlabel() option, [G-3] *axis_label_options*
 zmtick() option, [G-3] *axis_label_options*
 zscale() option, [G-3] *axis_scale_options*
 ztick() option, [G-3] *axis_label_options*
 ztitle() option, [G-3] *axis_title_options*

