Title

> **graph twoway tsline —** Twoway line plots

Description   Quick start   Menu   Syntax
Remarks and examples   Also see

Description

tsline draws line plots for time-series data.

tsrline draws a range plot with lines for time-series data.

For complete documentation of tsline and tsrline; see [TS] **tsline**.

Quick start

Time-series line plot of y1 using tsset data
      twoway tsline y1

Same as above
      tsline y1

Time-series range plot with lines for y1 and y2
      tsrline y1 y2

Same as above, displayed as a range plot with area shading instead of lines for each variable
      tsrline y1 y2, recast(rarea)

Overlay the time-series plot with a linear fit plot
      twoway tsline y1 || lfit y1 time

A separate graph area for each level of catvar
      tsline y1, by(catvar)

Menu

Graphics > Twoway graph (scatter, line, etc.)

Syntax

Time-series line plot

    $\big[$ <u>tw</u>oway $\big]$ tsline *varlist* $\big[$ *if* $\big]$ $\big[$ *in* $\big]$ $\big[$, *scatter_options twoway_options* $\big]$

Time-series range plot with lines

    $\big[$ <u>tw</u>oway $\big]$ tsrline y_1 y_2 $\big[$ *if* $\big]$ $\big[$ *in* $\big]$ $\big[$, *rline_options twoway_options* $\big]$

where the time variable is assumed set by tsset, *varlist* has the interpretation $y_1 \big[y_2 \ldots y_k \big]$.

Remarks and examples

twoway tsline and twoway tsrline use the stcolor scheme by default. However, note that tsline and tsrline use the stcolor_alt scheme. To learn more about these schemes, see [G-4] **Scheme st**.

Also see

[G-2] **graph twoway** — Twoway graphs

[XT] **xtline** — Panel-data line plots