**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

\[ \texttt{twoway tsline y1} \]

Same as above

\[ \texttt{tsline y1} \]

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

\[ \texttt{tsrline y1 y2} \]

As above, displayed as a range plot with area shading instead of lines for each variable

\[ \texttt{tsrline y1 y2, recast(rarea)} \]

Overlay the time-series plot with a linear fit plot

\[ \texttt{twoway tsline y1 || lfit y1 time} \]

A separate graph area for each level of *catvar*

\[ \texttt{tsline y1, by(catvar)} \]

**Menu**

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

Time-series line plot

[twoway] tsline varlist [if] [in] [ , scatter_options twoway_options ]

Time-series range plot with lines

[twoway] tsrline y1 y2 [if] [in] [ , rline_options twoway_options ]

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

Also see

[G-2] graph twoway — Twoway graphs
[XT] xline — Panel-data line plots