



## Title

**rdrobustplot** — Diagnostic plot for a previous **rdrobust** result.

## Syntax

```
rdrobustplot [, nbins(# #) binselect(binmethod) noci shade scale(# #)
title(string) xtitle(string) ytitle(string) col_dots(color) col_lines(color)
graph_options ]
```

## Description

**rdrobustplot** produces a diagnostic RD plot for the results of the most recent **rdrobust** call. It wraps **rdplot** with the main bandwidth and polynomial order that **rdrobust** used, and decorates the subtitle with the estimated RD coefficient and its robust bias-corrected confidence interval.

This mirrors the **plot.rdrobust()** S3 method in the R package and the **plot\_rdrobust()** function in the Python package.

*Requires Stata 16 or later.*

## Options

**nbins**(# #) number of bins per side; default is **20 20**.

**binselect**(*binmethod*) bin selection rule; default is **esmv** (mimicking-variance evenly-spaced bins). See **rdplot**.

**noci** suppresses the per-bin confidence intervals.

**shade** draws the pointwise confidence bands as a shaded ribbon instead of error bars.

**title()**, **xtitle()**, **ytitle()** custom text for the plot elements (defaults follow **rdrobust**'s outcome / running variable).

**col\_dots()**, **col\_lines()** colors for the binned means and the polynomial fit line.

Any other option is passed through to **rdplot**'s **graph\_options()**.

## Examples

```
sysuse rdrobust_senate, clear
rdrobust vote margin
rdrobustplot
```

With cluster-robust variance and fuzzy RD:

```
rdrobust vote margin, vce(cr3 state)
rdrobustplot, shade
```

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