

estat ggof — Group-level goodness-of-fit statistics

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Description

`estat ggof` is for use after estimation with `sem`, `group()`.

`estat ggof` displays, by group, the standardized root mean squared residual (SRMR), the coefficient of determination (CD), and the model versus saturated χ^2 along with its associated degrees of freedom and *p*-value.

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Statistics > SEM (structural equation modeling) > Group statistics > Group-level goodness of fit

Syntax

```
estat ggof [ , format(%fmt) ]
```

Option

`format(%fmt)` specifies the display format. The default is `format(%9.3f)`.

Remarks and examples

[stata.com](#)

See [\[SEM\] example 21](#).

`estat ggof` provides group-level goodness-of-fit statistics after estimation by `sem`, `group()`; see [\[SEM\] sem group options](#).

The SRMR, CD, and χ^2 statistics are not computed for models fit by `gsem`; therefore, `estat ggof` is not for use after estimation with `gsem`, `group()`.

Stored results

`estat ggof` stores the following in `r()`:

Scalars

`r(N_groups)` number of groups

Matrices

`r(gfit)` fit statistics
`r(gfit_sb)` Satorra–Bentler scaled fit statistics

Also see

[SEM] **example 21** — Group-level goodness of fit

[SEM] **sem group options** — Fitting models on different groups

[SEM] **estat gof** — Goodness-of-fit statistics

[SEM] **estat eqgof** — Equation-level goodness-of-fit statistics

[SEM] **methods and formulas for sem** — Methods and formulas for sem

[SEM] **sem postestimation** — Postestimation tools for sem