

**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  $\chi^2$  along with its associated degrees of freedom and *p*-value.

## Menu

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](#).

## 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

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