estat stdize — Test standardized parameters

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Description

`estat stdize:` is for use after `sem` but not `gsem`.

`estat stdize:` can be used to prefix `test`, `lincom`, `testnl`, and `nlcom`; see [SEM] **test**, [SEM] **lincom**, [SEM] **testnl**, and [SEM] **nlcom**.

These commands without a prefix work in the underlying metric of SEM, which is to say path coefficients, variances, and covariances. If the commands are prefixed with `estat stdize:`, they will work in the metric of standardized coefficients and correlation coefficients. There is no counterpart to variances in the standardized metric because variances are standardized to be 1.

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Syntax

```
estat stdize: test ...

estat stdize: lincom ...

estat stdize: testnl ...

estat stdize: nlcom ...
```

Remarks and examples

See [SEM] **Example 16**.

Exercise caution when using the `estat stdize:` prefix to perform tests on estimated second moments (correlations). Do not test that correlations are 0. Instead, omit the `estat stdize:` prefix and test that covariances are 0. Covariances are more likely to be normally distributed than are correlations.

Stored results

Stored results are the results stored by the command being used with the `estat stdize:` prefix.

Also see

[SEM] **sem** — Structural equation model estimation command

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

[SEM] **lincom** — Linear combinations of parameters

[SEM] **nlcom** — Nonlinear combinations of parameters

[SEM] **test** — Wald test of linear hypotheses

[SEM] **testnl** — Wald test of nonlinear hypotheses

[SEM] Example 16 — Correlation

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

For suggested citations, see the FAQ on citing Stata documentation.