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meta — Meta-analysis

Remarks and examples References

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Stata does not have a meta-analysis command. Stata users, however, have developed an excellent suite of commands for performing meta-analysis, including commands for performing standard and cumulative meta-analysis, commands for producing forest plots and contour-enhanced funnel plots, and commands for nonparametric analysis of publication bias.

Many articles describing these commands have been published in the *Stata Technical Bulletin* and the *Stata Journal*. These articles were updated and published in a cohesive collection: *Meta-Analysis in Stata: An Updated Collection from the Stata Journal*.

In this collection, editors Tom Palmer and Jonathan Sterne discuss how these articles relate to each other and how they fit in the overall literature of meta-analysis. Palmer and Sterne have organized the collection into seven areas: classic meta-analysis; meta-regression; graphical and analytic tools for detecting bias; multivariate meta-analysis; individual patient data meta-analysis; network meta-analysis; and recent advances such as meta-analysis for dose–response curves, diagnostic accuracy, and studies containing missing values.

We highly recommend that Stata users interested in meta-analysis read this book.

Please also see the following FAQ on the Stata website:

What meta-analysis features are available in Stata?
http://www.stata.com/support/faqs/stat/meta.html

References

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