Remarks

Stata should have a meta-analysis command, but as of the date that this manual was written, Stata does not. Stata users, however, have developed an excellent suite of commands for performing meta-analysis, many of which have been published in the *Stata Technical Bulletin* (STB).

<table>
<thead>
<tr>
<th>Issue</th>
<th>Insert</th>
<th>Author(s)</th>
<th>Command</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>STB-38</td>
<td>sbe16</td>
<td>S. Sharp, J. Sterne</td>
<td><em>meta</em></td>
<td>meta-analysis for an outcome of two exposures or two treatment regimens</td>
</tr>
<tr>
<td>STB-42</td>
<td>sbe16.1</td>
<td>S. Sharp, J. Sterne</td>
<td><em>meta</em></td>
<td>update of sbe16</td>
</tr>
<tr>
<td>STB-43</td>
<td>sbe16.2</td>
<td>S. Sharp, J. Sterne</td>
<td><em>meta</em></td>
<td>update; <em>install this version</em></td>
</tr>
<tr>
<td>STB-41</td>
<td>sbe19</td>
<td>T. J. Steichen</td>
<td><em>metabias</em></td>
<td>performs the Begg and Mazumdar (1994) adjusted rank correlation test for publication bias and the Egger et al. (1997) regression asymmetry test for publication bias</td>
</tr>
<tr>
<td>STB-44</td>
<td>sbe19.1</td>
<td>T. J. Steichen, M. Egger, J. Sterne</td>
<td><em>metabias</em></td>
<td>update of sbe19</td>
</tr>
<tr>
<td>STB-57</td>
<td>sbe19.2</td>
<td>T. J. Steichen</td>
<td><em>metabias</em></td>
<td>update of sbe19</td>
</tr>
<tr>
<td>STB-58</td>
<td>sbe19.3</td>
<td>T. J. Steichen</td>
<td><em>metabias</em></td>
<td>update of sbe19</td>
</tr>
<tr>
<td>STB-61</td>
<td>sbe19.4</td>
<td>T. J. Steichen</td>
<td><em>metabias</em></td>
<td>update; <em>install this version</em></td>
</tr>
<tr>
<td>STB-41</td>
<td>sbe20</td>
<td>A. Tobias</td>
<td><em>galbr</em></td>
<td>performs the Galbraith plot (1988), which is useful for investigating heterogeneity in meta-analysis</td>
</tr>
<tr>
<td>STB-56</td>
<td>sbe20.1</td>
<td>A. Tobias</td>
<td><em>galbr</em></td>
<td>update; <em>install this version</em></td>
</tr>
<tr>
<td>STB-42</td>
<td>sbe22</td>
<td>J. Sterne</td>
<td><em>metacum</em></td>
<td>performs cumulative meta-analysis, using fixed- or random-effects models, and graphs the result</td>
</tr>
<tr>
<td>STB-42</td>
<td>sbe23</td>
<td>S. Sharp</td>
<td><em>metareg</em></td>
<td>extends a random-effects meta-analysis to estimate the extent to which one or more covariates, with values defined for each study in the analysis, explains heterogeneity in the treatment effects</td>
</tr>
<tr>
<td>STB-44</td>
<td>sbe24</td>
<td>M. J. Bradburn, J. J. Deeks, D. G. Altman</td>
<td><em>metan</em>, <em>funnel</em>, <em>labbe</em></td>
<td>meta-analysis of studies with two groups, funnel plot of precision versus treatment effect, L'Abbé plot</td>
</tr>
<tr>
<td>STB-45</td>
<td>sbe24.1</td>
<td>M. J. Bradburn, J. J. Deeks, D. G. Altman</td>
<td><em>funnel</em></td>
<td>update; <em>install this version</em></td>
</tr>
<tr>
<td>STB-47</td>
<td>sbe26</td>
<td>A. Tobias</td>
<td><em>metainf</em>, <em>meta</em></td>
<td>graphical technique to look for influential studies in the meta-analysis estimate</td>
</tr>
<tr>
<td>STB-56</td>
<td>sbe26.1</td>
<td>A. Tobias</td>
<td><em>metainf</em></td>
<td>update; <em>install this version</em></td>
</tr>
</tbody>
</table>

*(Table continued on next page)*
To download and install from the Internet the Sharp and Stern meta command, for instance, Stata you could

1. Pull down Help and select SJ and User-written Programs.
2. Click on [http://www.stata.com](http://www.stata.com).
3. Click on stb.
4. Click on stb43.
5. Click on sbe16.2.
6. Click on click here to install.

or you could instead do the following:

1. Navigate to the appropriate STB issue:
   a. Type net from http://www.stata.com
      Type net cd stb
      Type net cd stb43
      or
   b. Type net from http://www.stata.com/stb/stb43
2. Type net describe sbe16.2
3. Type net install sbe16.2

References


