Data extraction and effect size estimation for single-case design studies that are rated *Meets WWC SCD Standards With or Without Reservations*

**Individual Review**

1. Is the experiment a design for which there is an effect size* AND that includes three or more individuals? **No**
   - Stop! Recording or extracting study data is not necessary. Do not estimate an effect size.

2. The study provides data in a tabular format? **No**
   - Send an author query.

3. Study author provides data in a tabular format? **No**
   - Save a copy of each plot for which an effect size will be estimated to the Plots tab of the study review guide.

4. Yes
   - Record data in Data tab of the study review guide.
   - Estimate an effect size for each eligible experiment and record the estimates in the study review guide.

*At the release of the *What Works Clearinghouse Standards and Procedures Handbooks, version 4.1*, the only designs for which there was an effect size were multiple baseline across participants, multiple probe across participants, and treatment reversal designs. Future research may allow effect sizes to be estimated for a wider range of designs.

**Reconciling Reviews**

1. Were the data extracted from plots? **Yes**
   - Check reliability of extracted outcomes across reviewers.

2. No
   - Are the effect size estimates identical? **No**
     - Check for transcription errors or deviations from modeling assumptions. Instruct reviewers to correct errors.
   - No
     - Record the effect size and any information about special modeling choices in the reconciled study review guide.
   - Yes
     - Direct the reviewer with obvious errors to independently extract the outcomes again and correct the study review guide.

3. Yes
   - Direct both reviewers to independently extract the outcomes again and correct the study review guide.

*Check the extracted data to ensure that the values are close to what is shown on the plot. Some measurement error is to be expected. However, values that appear very different** from what is observed on the plot or that are outside the minimum or maximum of the y-axis may indicate a need to recalibrate the axis reference points.

**Two reviews completed that agree on the study and experiment ratings**