**Competency 18.** Evaluate effects and make data-based decisions

A. Conduct a fidelity check of the intervention, add to graph (from Competency 17), and provide feedback to intervention implementer.

B. Visually inspect your graph (from Competency 17).

C. Write description of your results and interpret your findings modeling the research articles you obtained for Competency 11.

D. Provide copies of your written findings, in this tab, to supervisor for feedback.

Some relevant sources:

* Gast, D.L. (2010). Single Subject Research Methodology in Behavioral Sciences. Routledge, New York.
* Sidman, M. (1960). *Tactics of Scientific Research*. New York: Basic Books.
* Cooper, J.O., Heron, T.E., & Heward, W.L . (2007). *Applied Behavior Analysis* (2nd ed.). Upper Saddle River, NJ: Pearson Prentice Hall.
* Parsons, M.B., & Reid, D.H. (1995). Training residential supervisors to provide feedback for maintaining staff teaching skills with people who have severe disabilities, JABA, 28, 317-322.

This topic is covered in PSY 553: Measurement and Experimental Evaluation of Behavior and PSY 557: Behavior Intervention & Systems Support