

Single Subject Designs

- *Reversal Designs:*
Sometimes called "withdrawal designs."
ABA design is the simplest form.

Measure behavior over time during the A baseline period. Introduce the independent variable manipulation during the B treatment period while continuing to measure behavior. Withdraw the treatment during the second A period. Infer that the treatment has an effect if behavior changes when the treatment is introduced and then returns to baseline when withdrawn during the second A period.

The *ABAB design* improves upon the ABA design. The treatment is introduced a second time; if the behavior changes again, there are few alternative explanations for the effect.

- *Multiple baseline designs:*
Used to avoid the problem of withdrawing a treatment in a reversal design. Observe the effect of a treatment introduced under a variety of circumstances - *across subjects, across behaviors, and/or across situations*