

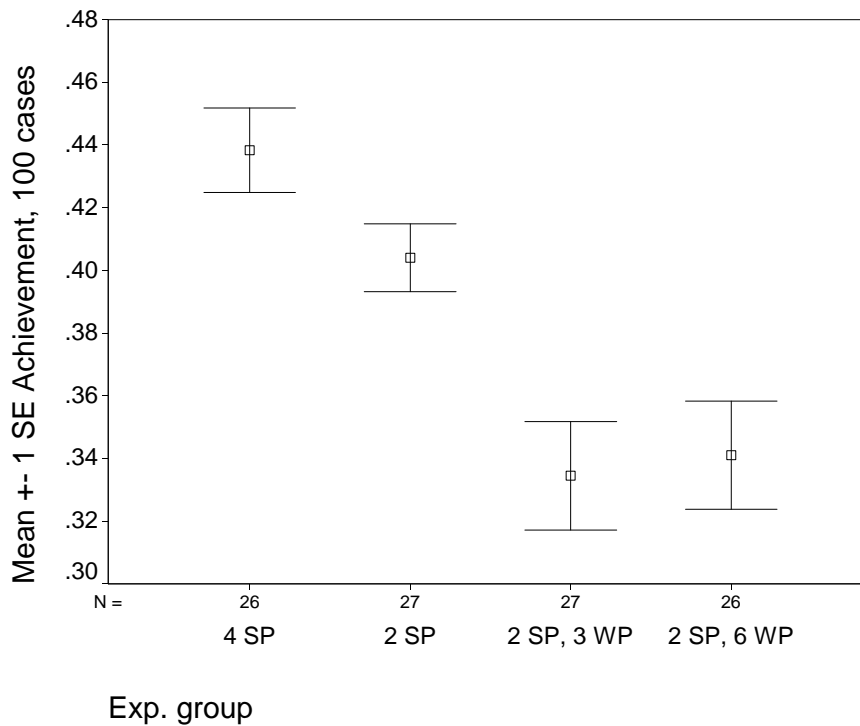
ERROR BAR GRAPH

To visually inspect the group differences from an ANOVA, an error bar graph can be useful. Specify the dependent variable (here, *ach100* in both cases) and the between-subjects factor(s). In the first example, there is one between-subjects factor (*grp4*), whereas in the second example, there are two (*grp4* and *account*).

```
graph
  /errorbar(sterror 1) = ach100 by grp4 .
```

The graph will plot each group's mean on the dependent variable, surrounded by bars representing ± 1 standard error of the mean. You can easily check for reliable group differences by looking for groups whose error bars do not overlap with one another (such as the first and last groups in the first plot below).

Graph



```
graph
  /errorbar(sterror 1) = ach100 by grp4 by account .
```

Graph

