Bar Graphs to go with Within-Groups ANOVA

Analyze ➔ Graphs ➔ Legacy Dialogs ➔ Bar
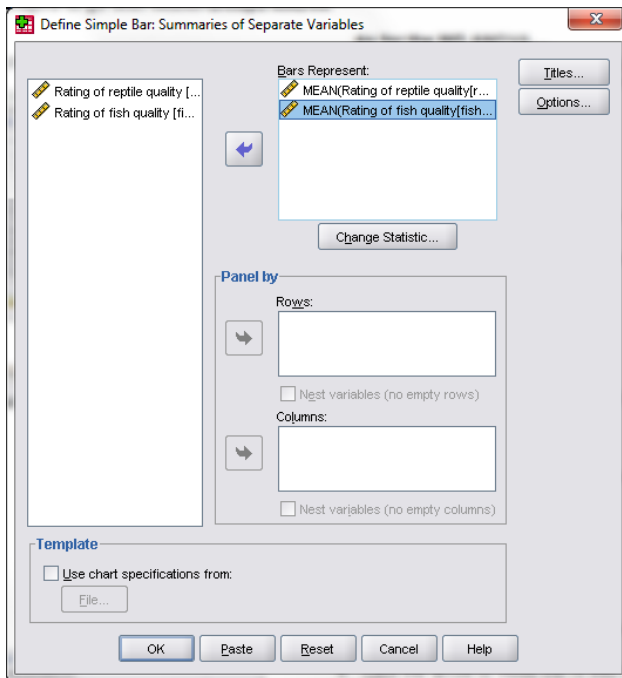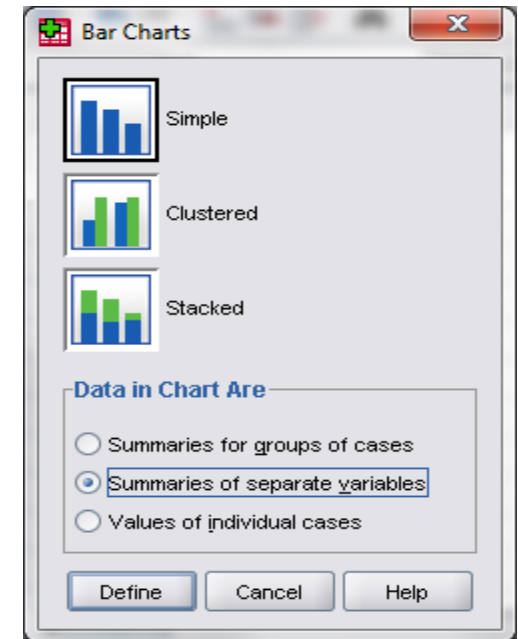
As for the WG ANOVA…

- Each quantitative variable (reptgood & fishgood) holds the DV for one of the IV conditions
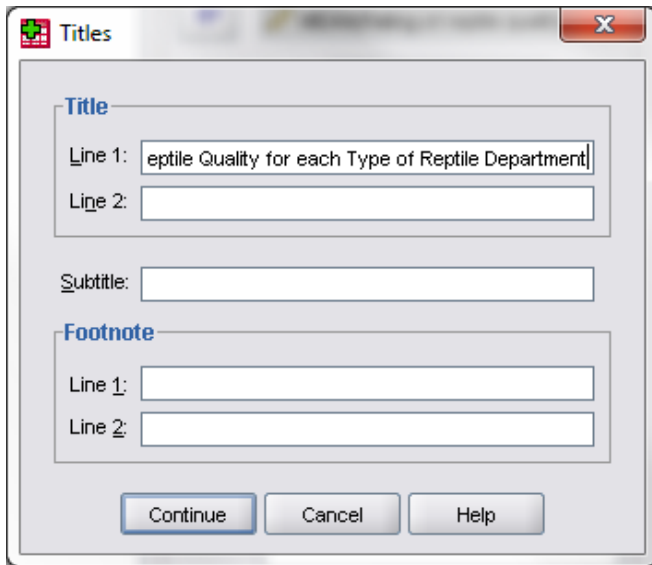
#1 Select type of chart   ➔

- Click on "Simple" icon
- Click the "Summaries of separate variables" radio button
- Click "Define"

⬅ **#2 Select the Variables**

- Highlight the variables
- Click the arrow to move the DV into the "Variable" window

Titles

Title

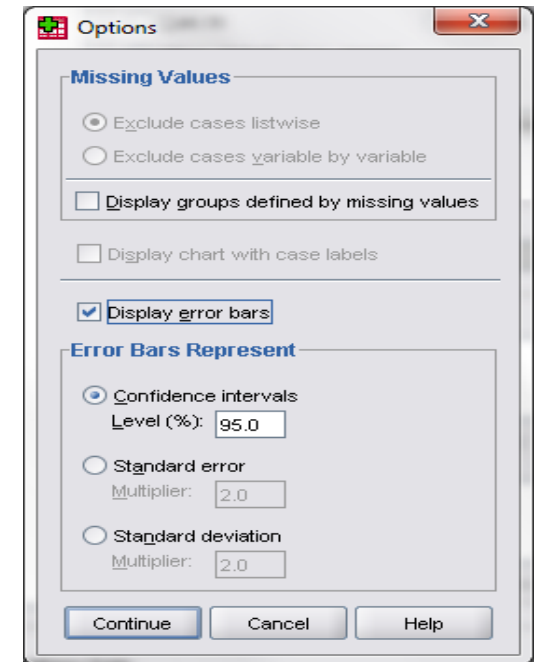Line 1: eptile Quality for each Type of Reptile Department

Line 2:

Subtitle:

Footnote

Line 1:

Line 2:

[Continue] [Cancel] [Help]

← **#3 Write the Title**
- Click on "Titles"
- Type titles, subtitles & footnotes as desired
- Click "Continue"

#4 Select the Whiskers ➔
- Click Options
- Check "Display error bars"
- Check "Standard Error"
- Click Continue

Options

Missing Values
- ○ Exclude cases listwise
- ○ Exclude cases variable by variable

☐ Display groups defined by missing values

☐ Display chart with case labels
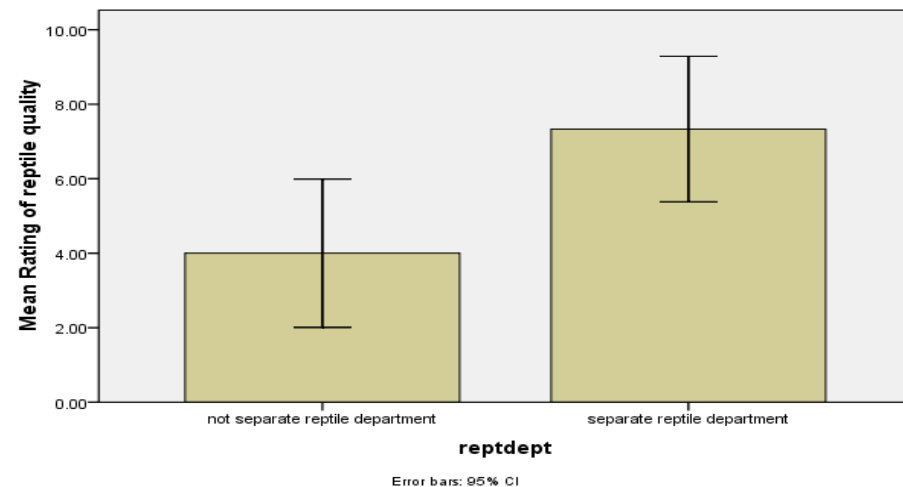
☑ Display error bars

Error Bars Represent
- ● Confidence intervals
  Level (%): 95.0
- ○ Standard error
  Multiplier: 2.0
- ○ Standard deviation
  Multiplier: 2.0

[Continue] [Cancel] [Help]

#5 Using the graph
Right-click the graph in the SPSS output window and select "Copy" to put the graph into a Word or other file.

Reptile Quality for each Type of Reptile Department

Error bars: 95% CI