

Bar Graphs to go with Between Groups ANOVA

Analyze → Graphs → Legacy Dialogs → Bar

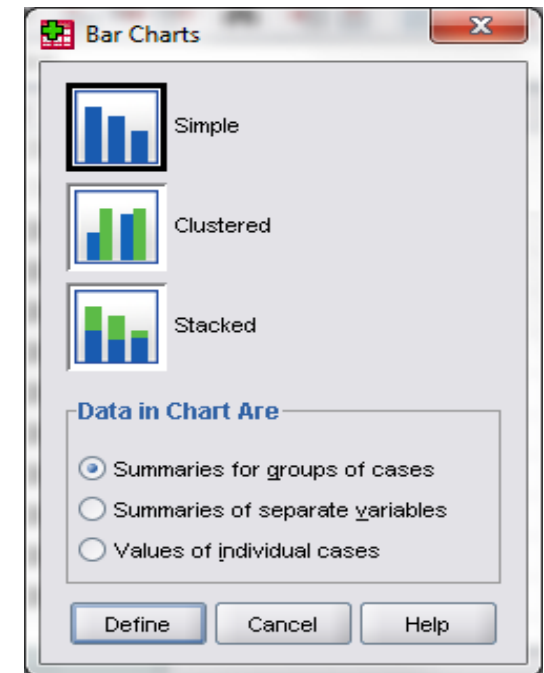
	reptdept	reptgood
1	1.00	2.00
2	2.00	8.00
3	2.00	9.00
4	2.00	7.00
5	1.00	4.00
6	1.00	7.00
7	2.00	4.00
8	1.00	4.00
9	1.00	5.00
10	2.00	9.00
11	2.00	7.00

As for the BG ANOVA...

- One variable (reptdept) holds the group membership
- One variable (reptgood) holds the DV

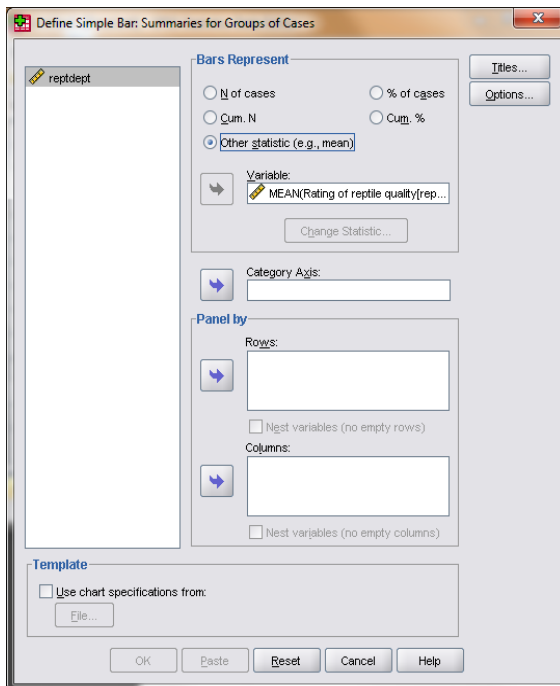
#1 Select type of chart →

- Click on “Simple” icon
- Click the “Summaries for groups of Cases” radio button
- Click “Define”



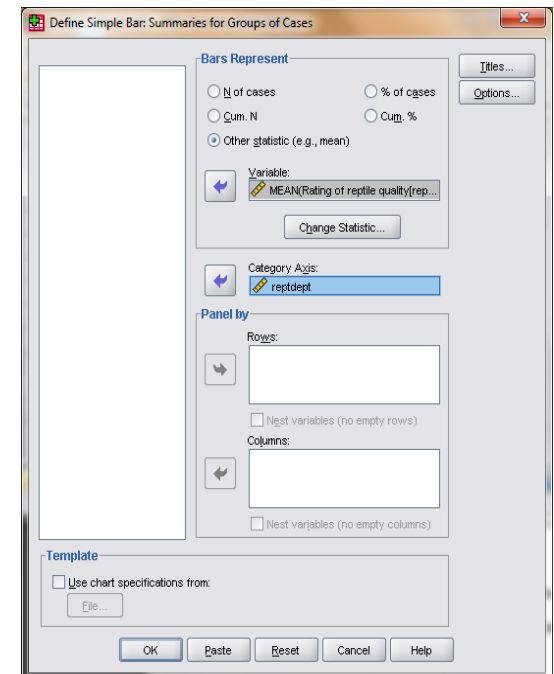
← #2 Select the DV

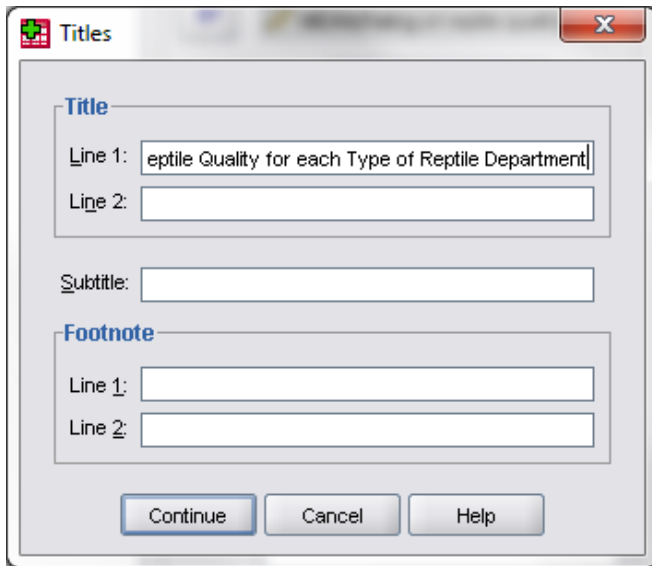
- Highlight quantitative DV (Rating of reptile quality)
- Click the “Other Statistic (e.g., mean)” radio button
- Click the arrow to move the DV into the “Variable” window



#3 Select the IV →

- Click the categorical IV (reptdept)
- Click the arrow to move the IV into the “Category Axis” window



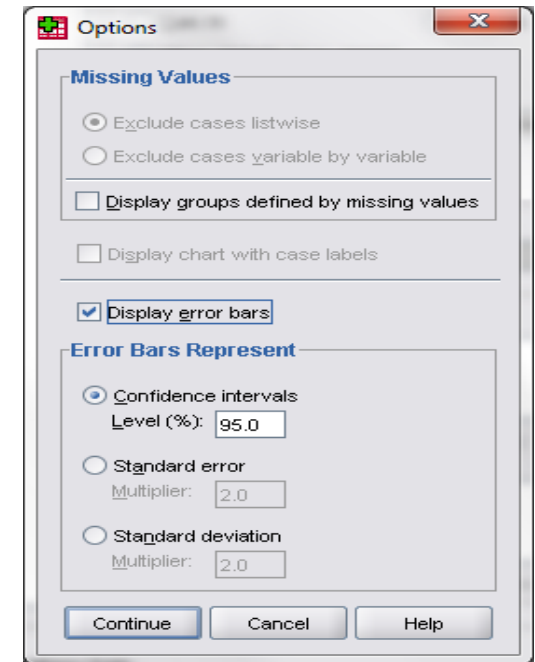


← #4 Write the Title

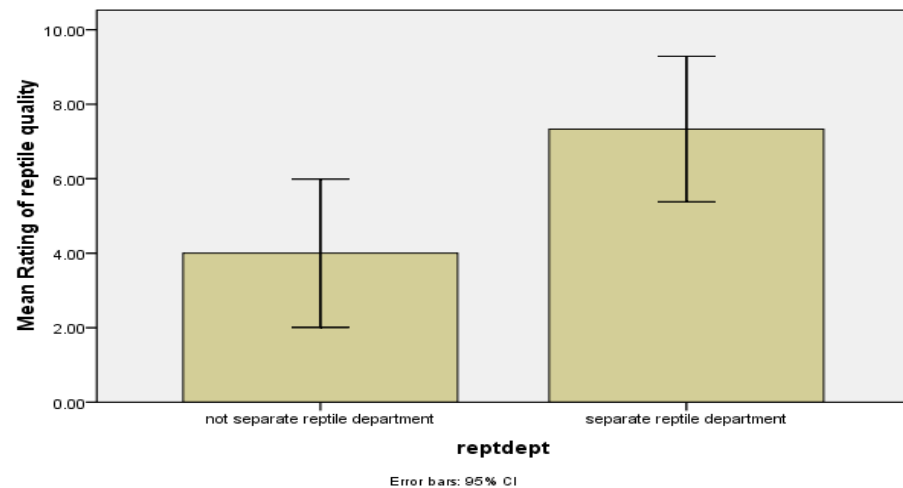
- Click on “Titles”
- Type titles, subtitles & footnotes as desired
- Click “Continue”

#5 Select the Whiskers →

- Click Options
- Check “Display error bars”
- Check “Standard Error”
- Click Continue



Reptile Quality for each Type of Reptile Department



#6 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.