EPSY 5245: Advanced Survey Data Analysis

**Legacy Clustered Bar Charts**

Graphs > Legacy dialogues > Bar

1. Clustered > Summaries for groups of cases
2. Bars Represent: % of cases



*Figure 1.* Time spent on doing math homework by presence of a computer at home.

Source: TIMSS, 1994.

Yields bars representing the percent of students within secondary category (has a computer). So they sum to 100% for Yes – has a computer and 100% for No – does not have a computer. This is NOT helpful.

**Chart Building Clustered Bar Charts**

Graphs > Chart Builder

1. Select Clustered Bar Chart (double click)
2. Drag X-axis category variable to “X-Axis?”
3. Drag clustering variable to “Cluster on X”
4. Edit Properties of “Bar1”
	1. Set Statistic to “Percentage (?)”
	2. Set Parameters to “Total for Each X-Axis Category”
	3. Click “Apply”
5. Edit Properties of “X-Axis (Bar 1)” and other Bars as needed
	1. Eliminate any unwanted categories (e.g., missing)



*Figure 1.* Time spent on doing math homework by presence of a computer at home.

Source: TIMSS, 1994.

These bars sum to 100% within category of time spent on homework. Turns out to be a nonsignificant association (χ2(3) = 6.5, *p*=.088).