Class #5

March 11, 2014

Myford, C. M., & Wolfe, E. W. (2004). Detecting and measuring rater effects using many-facet Rasch measurement: Part II. *Journal of Applied Measurement, 5*(2), 189-227.

Textual references to tables and figures …

Comments:

1. Refer to the table or figure before the actual table or figure.
2. When you refer to a table or figure, the word is capitalized: Table 1, Figure 3, etc.
3. When enumerating tables, figures, columns, and rows: Table 1, Figure 3, Column 5, Row 3, etc. OR the first row, the fourth column, this table,
4. When using table names, use the digit: Table Six 🡪 Table 6

However, in the text when you use single-digit numbers, spell out the numbers: six, one, seven, etc.

The survey included a total of six businesses and 24 houses.

Percentages: 45% … unless your field uses ‘percent’

234 million

two million

234,000,000

1025 million = 1.025 billion

1 billion 25 million

* In a table, make your numbers as efficient as possible.

234500 🡺 0.24 million

1338347 🡺 1.34 million

3348900

Total = 34.54 milliona

*What if the total of the column does not add up?*

aDue to rounding, the total does not equal 100%.

1. Use table numbers, not “the table below” or “the table on the next page”.
2. Note that ‘show’ is very common when explaining tables and figures.
3. In my own work, I prefer sans serif font for figures (see dissertation). Fonts such as Calibri provide stronger text that is easier to see than when done with serif fonts such as Times New Roman.

Wainer, H. (1992). Understanding graphs and tables. *Educational Researcher, 21*(1), 14-23.

Comments:

1. Magnify Figure 2 and explain.
2. Explain Figure 3.
3. Walk through Figures 4 and 5; note how trends shown more clearly in latter.
4. Danger of ‘double y-axis figures’ – avoid.
5. Cleaning up tables from Table 1 through Table 5 …
6. Lose vertical lines (mostly), extra columns, decimal points
7. Note that all tables are not APA-compliant.
8. Note that totals do not match sums (see Austria and Canada).
9. Use of boxes, boldface, italics, underlines for emphasis