**Week 3**

1. comparison of means

Likert scale: 1-5 anchored by 1 = strongly disagree and 5 = strongly agree

Anchored by 1 = not at all and 5 = very, very well

1. Touch-type (blind type)

**t-test: comparing two means**

Imagine 250 t-tests … probably 12 “fake” positive results

With multiple t-tests, you should apply a correction …

1. Bonferroni: divide .05 by the number of tests (very strict … too strict!)
2. FDR: sliding scale

What happens if you have a positive-negative Likert scale?

1 = strongly disagree and 5 = strongly agree

3 = neutral, not sure

Is the mean different than “neutral” (the midpoint)?

**one-sample t-tests**: is mean different than certain value?

[www.jimelwood.net](http://www.jimelwood.net)

Students / SPSS

wut\_master (today’s data set)

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http://academic.udayton.edu/gregelvers/psy216/spss/ttests.htm

2. analysis of categorical data