

## R vs. PSPP quiz solutions

- 1) What are the differences between the variable tab and the data tab in PSPP?
  - a) Variable tab changes while data tab does not
  - b) Variable tab lists your variables while the data tab shows the values
  - c) Variable tab is not needed – we only need to know the data
  - d) They are the same
  
- 2) What needs to be done in PSPP before adding real data?
  - a) You need to calculate your mean
  - b) You need to calculate your standard deviation
  - c) You need to name your variable in the variable tab
  - d) Nothing – just start adding data
  
- 3) Given an increase in our number of samples – but no change to the mean and standard deviation of the samples – what will happen to your 95% confidence interval?
  - a) No change
  - b) It will increase, since n increases
  - c) It will decrease, since you will be more certain in your results
  
- 4) Which number is equal to  $2.433e-05$ 
  - a. 2.43%
  - b. 0.00243%
  - c. 0.0000243%
  - d. 2433.05
  
- 5) What advantages do R and PSPP have over other software?
  - a. Both are free and open source
  - b. They work on all operating systems (Windows, mac, linux)
  - c. They provide different approaches to similar problems, with different advantages
  - d. All of the above!