

SAMPLING LAB: Submission page**Secretary:** _____**Others:** _____
_____**Instructions:**

Using the data provided (musicB.sav, *NOT* music.sav), answer the questions below, performing any calculations needed, and put your nine answers in the nine numbered blanks provided. You needn't submit any output or other printout(s) from SPSS.

Questions:

What's the mean of the MUSIC index, for the full dataset (1606 cases)? 1. _____

Next, Use DATA - SELECT CASES to “subsample” 100 cases. (“Filtered”, not “Deleted”)

Find the mean and standard deviation of MUSIC for your subsample of 100 cases. 2. _____

3. _____

Calculate the sampling error (treating the full 1606 as the population, and your 100 as a sample).

4. _____

Calculate the *standard* error for your sample of 100.

5. _____

Next, Use DATA - SELECT CASES to get “All cases”, then subsample again to get 10 cases.

Find the mean and standard deviation of MUSIC for your subsample of 10 cases. 6. _____

7. _____

Calculate the sampling error for your sample of 10 cases, against the “population” of 1606.

8. _____

Calculate the *standard* error for your sample of 10.

9. _____