**In-Class Exercise #3  
SPEA Connect V506  
*Due July 8th, 2018 by 11.59pm EST via Canvas***

For this exercise, please use the PDF file “Bloomington Phonebook.pdf”, which copy of a page of the Bloomington/Spencer White Pages for 2002. For this exercise, you should sample 10 entries at random from the phone book page and record the phone numbers and address numbers.

First, spend 5 minutes coming up with a formal sampling plan for obtaining 10 entries at random from your page. The sampling plan should randomly select the column and the line item on your phone book page. To do this, you might want to generate a list of random integers at <https://www.random.org/integers/> and see if you can figure out how to use the list to randomly select columns and line items. Note that there are 3 columns on the page and 114 line items. You’ll need this information to generate a random number list for this exercise.

Next, generate your sample and collect your data. For each sample observation, indicate the variables listed below:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Page | Column | Entry | Address # | Telephone # |
| 1 |  |  |  |  |  |
| 2 |  |  |  |  |  |
| 3 |  |  |  |  |  |
| 4 |  |  |  |  |  |
| 5 |  |  |  |  |  |
| 6 |  |  |  |  |  |
| 7 |  |  |  |  |  |
| 8 |  |  |  |  |  |
| 9 |  |  |  |  |  |
| 10 |  |  |  |  |  |

In the “Assignments” section on Canvas, under “In-Class Exercise #3 – Phonebook Sampling Plan” describe your sampling plan. Note any difficulties you ran into during sampling and what you did to address them in your sampling plan. Finally, fill in the table above to with the data you collected with your sampling strategy (you can simply fill out the table above and then copy and paste it into your post).