Introduction to Statistics for the Social Sciences
Survey Eric and Yinan’s labs

**Miniquiz: General Knowledge**
1. Are there more than 100 countries in Africa?  
   □ Yes  □ No
2. How many countries are there in Africa? ______
3. Is the moon less than 1,000 miles from the earth?  
   □ Yes  □ No
4. How many miles is the moon from the earth? ______

Please guess the answer for each question
- First, guess and exact number
- Second, state how confident you are that you are right
- Third, guess an interval (both lower and upper bounds)
- Fourth, state how confident you are that the exact number falls within that range

<table>
<thead>
<tr>
<th>Question</th>
<th>Best guess (single number)</th>
<th>How sure are you that you are correct?</th>
<th>Lower Bound</th>
<th>Upper Bound</th>
<th>How sure are you that you are correct?</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. In 1938 a British steam locomotive set a new speed record by going how fast (mph)?</td>
<td>65 degrees</td>
<td>25% sure</td>
<td>35 degrees</td>
<td>75 degrees</td>
<td>95% sure</td>
</tr>
<tr>
<td>6. How many inches long is a typical business card?</td>
<td>[\text{Answer}]</td>
<td>[\text{Confidence}]</td>
<td>[\text{Lower Bound}]</td>
<td>[\text{Upper Bound}]</td>
<td>[\text{Confidence}]</td>
</tr>
<tr>
<td>7. What year was the Internet (then “Arpanet”) established as a military communications system?</td>
<td>[\text{Answer}]</td>
<td>[\text{Confidence}]</td>
<td>[\text{Lower Bound}]</td>
<td>[\text{Upper Bound}]</td>
<td>[\text{Confidence}]</td>
</tr>
<tr>
<td>8. What is the air distance between New York and Los Angeles (miles)?</td>
<td>[\text{Answer}]</td>
<td>[\text{Confidence}]</td>
<td>[\text{Lower Bound}]</td>
<td>[\text{Upper Bound}]</td>
<td>[\text{Confidence}]</td>
</tr>
<tr>
<td>9. What percentage of a square could be covered by a circle of the same width?</td>
<td>[\text{Answer}]</td>
<td>[\text{Confidence}]</td>
<td>[\text{Lower Bound}]</td>
<td>[\text{Upper Bound}]</td>
<td>[\text{Confidence}]</td>
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<tr>
<td>10. The TV show “The Simpson’s” first aired on what date?</td>
<td></td>
<td></td>
<td></td>
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**Self Knowledge**
11. What is your major in school
12. What is your publically identified gender? (Male vs Female) ______
13. How many years of schooling have you completed? (e.g. 8th grade = 8, High School Grad = 12 etc) ______
14. How long does it take you to travel to school? (in minutes) ______
15. How much time do you spend a day on Facebook? (in minutes) ______
16. What is your age? (in years) ______
17. What is your height? (in inches, remember, 5 feet = 60 inches) ______
18. What is your favorite beverage?
19. How many siblings do you have? (count all “step-brothers”, “half-sisters” etc) ______
20. Getting a good job depends on being in the right place at the right time. ______
21. Chance has a lot to do to do with being successful. ______
22. I often feel that I have little influence over things that happen to me. ______