

Data:

Subject 1	Subject 2	Subject 3	Subject 4	Subject 5
Age: 19	Age: 30	Age: 22	Age: 25	Age: 19
Gender: 1	Gender: 1	Gender: 1	Gender: 2	Gender: 2
Ethnic: 2	Ethnic: 5	Ethnic: 3	Ethnic: 1	Ethnic: 4
Cond: 1	Cond: 1	Cond: 1	Cond: 1	Cond: 1
Q1: 4	Q1: 4	Q1: 5	Q1: 6	Q1: 5
Q2: 4	Q2: 3	Q2: 4	Q2: 4	Q2: 5
Q3: 3	Q3: 2	Q3: 5	Q3: 4	Q3: 5
Q4: 2	Q4: 2	Q4: 1	Q4: 2	Q4: 3
Q5: 1	Q5: 2	Q5: 1	Q5: 1	Q5: 2
Subject 6	Subject 7	Subject 8	Subject 9	Subject 10
Age: 24	Age: 18	Age: 33	Age: 25	Age: 20
Gender: 2	Gender: 2	Gender: 2	Gender: 1	Gender: 1
Ethnic: 1	Ethnic: 1	Ethnic: 6	Ethnic: 1	Ethnic: 5
Cond: 2	Cond: 2	Cond: 2	Cond: 2	Cond: 2
Q1: 3	Q1: 3	Q1: 6	Q1: 5	Q1: 4
Q2: 4	Q2: 3	Q2: 4	Q2: 3	Q2: 4
Q3: 3	Q3: 2	Q3: 3	Q3: 3	Q3: 2
Q4: 3	Q4: 3	Q4: 4	Q4: 2	Q4: 2
Q5: 3	Q5: 3	Q5: 3	Q5: 3	Q5: 4
Subject 11	Subject 12	Subject 13	Subject 14	Subject 15
Age: 26	Age: 18	Age: 19	Age: 21	Age: 19
Gender: 1	Gender: 2	Gender: 1	Gender: 2	Gender: 1
Ethnic: 1	Ethnic: 2	Ethnic: 2	Ethnic: 3	Ethnic: 5
Cond: 3	Cond: 3	Cond: 3	Cond: 3	Cond: 3
Q1: 1	Q1: 2	Q1: 2	Q1: 2	Q1: 1
Q2: 1	Q2: 1	Q2: 2	Q2: 1	Q2: 2
Q3: 5	Q3: 4	Q3: 5	Q3: 4	Q3: 5
Q4: 5	Q4: 4	Q4: 6	Q4: 4	Q4: 6
Q5: 5	Q5: 4	Q5: 4	Q5: 5	Q5: 4
Subject 16	Subject 17	Subject 18	Subject 19	Subject 20
Age: 22	Age: 27	Age: 18	Age: 25	Age: 23
Gender: 1	Gender: 1	Gender: 2	Gender: 1	Gender: 1
Ethnic: 1	Ethnic: 1	Ethnic: 3	Ethnic: 2	Ethnic: 1
Cond: 4	Cond: 4	Cond: 4	Cond: 4	Cond: 4
Q1: 2	Q1: 2	Q1: 3	Q1: 3	Q1: 2
Q2: 3	Q2: 2	Q2: 2	Q2: 1	Q2: 2
Q3: 5	Q3: 4	Q3: 5	Q3: 4	Q3: 4
Q4: 4	Q4: 5	Q4: 5	Q4: 5	Q4: 5
Q5: 6	Q5: 5	Q5: 4	Q5: 5	Q5: 6

Complete the following:

- 1) Enter the data into SPSS using the variable names provided above. Provide code values for the variables *gender*, *ethnicity*, and *condition*.
- 2) Reverse score the variable *confidence* and label the new variable *reconf*.
- 3) Compute the mean and standard deviation for each of the variables *anxiety*, *fear*, *confidence*, *comfort*, and *efficacy*. (You should have a mean and standard deviation for each variable).
- 4) Look at males and females separately to answer the following question: What is the mean and standard deviation for the age for both groups?
- 5) Compute a new variable (no treatment + placebo treatment) v. (desensitization + cognitive therapy). Label the new variable *therapy* (yes/no).
- 6) Use Explore to create a histogram for the variable of *anxiety*. Describe the distribution.

Part II: Open up the dataset spss1.2.sav on Dr. Myer's web page. Complete the following questions using SPSS.

Complete the following

- 1) Compute a mean and standard deviation for each of the variables *age*, *pain* and *mobility*. (You should have a mean and standard deviation for each variable).
- 2) Compute a new variable called *overall* by averaging together the variables *pain* and *mobility*.
- 3) Create a histogram for the variable *overall*. What is the mean and standard deviation for this new variable and describe its distribution.