

Variable Generation

1. You will make a new variable **GENDER** with the following:
 - [0] Female
 - [1] Male
2. Using the marital status variable, you will make a new variable **LIVING** with the following:
 - [1] Single|divorced|separated|widowed: Living alone
 - [2] Married|Cohabiting: Living together with someone
3. **AGE_GROUP**
 - [1] 30 years or younger
 - [2] 31 to 44 years old
 - [3] 45 to 59 years old
 - [4] 60 or older
4. **EDU_GROUP**
 - [1] High school graduate or less
 - [2] Some college or Bachelor's degree
 - [3] Graduate degree
5. Using the CESD total variable, you will make a new variable, **DEPRESSION**:
 - [1] Less than 16: No depression
 - [2] 16 or more and less than 24: Depressed
 - [3] 24 or more: Clinical Depression
6. Using S5Q85 and S5Q86, you will generate a new variable **GAD7**. Find the reference to calculate the **GAD7** variable using those two items.
7. Using S2Q44, S2Q45, and S2Q46, you will generate a new variable **LONELY** which is a summation variable for these three variables. Higher score means lonelier.