# EXERCISE 7

Open the file **psychology_survey.sav** by following the link
https://eclass.uowm.gr/modules/document/index.php?course=CDM165&openDir=/61c
314a8eimi/653d2dfd6rmK. This file contains data which was gathered through a closed
questionnaire completed by 439 residents in the wider area of Melbourne (Australia) as
part of study exploring the sources of stress in people's lives and its determinants. Try to
answer the following questions by applying appropriate techniques in SPSS.

## Question 1
i. Complete the following table with the absolute and relative frequencies of people that belong to
each of the eight (8) categories of marital status (variable **marital**).

| MARITAL STATUS | Absolute frequencies | Relative frequencies (valid %) |
| --- | --- | --- |
| Single | | |
| In a stable relationship | | |
| Cohabiting with a partner | | |
| Married for the first time | | |
| Remarried | | |
| Separated | | |
| Divorced | | |
| Widowed | | |
| TOTAL (N) | | |

ii. Which marital status appears more frequently in the sample? _____

## Question 2

**source**  What is the major source of stress in your life?
      1=Work
      2=Spouse
      3=Relationships in general
      4=Children
      5=Family
      6=Health issues
      7=Life in general
      8=Financial issues
      9=Lack of time / too many commitments

**smoke**  Do you smoke?
      1=yes
      2=No

For each of the variables **"source"** and "**smoke"**, create a one-way frequency table using SPSS. Then answer the following questions:

  i. From those who gave a valid answer to the variable "source", what percentage reported that the major source of stress in their life was work? _____

  ii. From those who gave a valid answer to the variable "smoke", what percentage reported that they were smokers? _____

  iii. How many people did not answer the question «*Do you smoke?*» _____

  iv. How many people did not answer the question «*What is the major source of stress in your life?*» _____

  v. Is there an error in the values of the variable "**smoke"**? Explain.

  _____
  _____
  _____

  vi. Which questionnaire (ID) contains this error? _____