Guidelines of Exploratory Factor Analysis Assignment
Due Date: **November 29, 2022**
NUS706

1. Use the well-being data to run an exploratory factor analysis by using two different approaches to extract the factors, **(1)** principal components, and **(2)** common factor (principal axis factoring) to extract the factors, compare the results of using these two different approaches to extract the factors.

2. Select Varimax and Oblique rotation to compare if the findings are different.

3. You may select default approach given by SPSS, which will select the factor according to eigenvalue > 1 or you may specify the number of factors you want, compare and report the results, which make more sense to you.

4. Compare each finding and make your own decision how you are going to group each individual item into different factors and you may use your own term to name these factors.

5. Write up your findings in 3-4 pages and provide the summary of your computer output as appendix. You do not have to include all computer output because there is much unnecessary information. Just cut and paste the important information such as how many factors were selected and how many % of variances have been explained, and pattern matrix or structure matrix and factor correlations and other information you think important.