STAT 5020 : Topics in Multivariate Analysis
Final Project (Due date: 17-May-2023)
Academic year 22/23, 2nd term

The project is about applying the SEMs learnt from this course to real-world datasets.

(a) Please find the real dataset(s) by yourself, determine an appropriate SEM and select necessary techniques. See, e.g.:
https://archive.ics.uci.edu/ml/index.php
http://www.worldvaluessurvey.org/wvs.jsp
http://databank.worldbank.org/data/home.aspx
http://finance.yahoo.com/
https://github.com/awesomedata/awesome-public-datasets

(b) Please clearly describe the problem that you are interested in, the dataset, the proposed model (advanced SEM from chapter 5 or later chapters, e.g., SEM with missing data, hierarchical/mixture SEM, ...) and selected techniques, the detailed analysis procedures, the findings, and conclusions in a pdf file.

(c) You may use any programming language and statistical software to conduct the analysis. Please submit your code and report file through the Blackboard system or email (to TA: sunrq@link.cuhk.edu.hk) before 23:59, May 17.