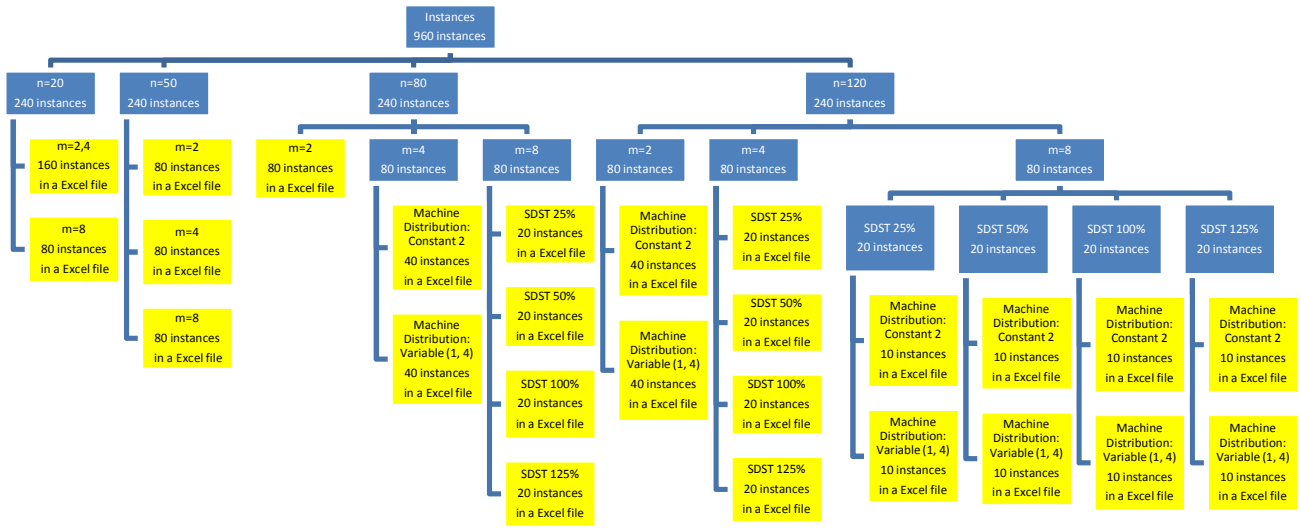
There are 960 instances that are divided in several Excel files.



Notes:

1- At each Excel file in the lowest level of the tree above (yellow boxes) you can find the number of instances as stated in the yellow boxes.

2- The instances have been sequentially put in each file.

3- the data of each instance are in a matrix-like shape as follows:

An example with n=3, m=2. m_1 =1, m_2=2.

$$\begin{bmatrix} n=3 & 0 & 0 \\ m=2 & 0 & 0 \\ m_1=1 & m_2=2 & 0 \\ P_{11}=5 & P_{21}=7 & 0 \\ P_{12}=9 & P_{22}=4 & 0 \\ P_{13}=0 & P_{23}=3 & 0 \\ S_{101}=2 & S_{112}=1 & S_{113}=0 \\ S_{121}=3 & S_{102}=2 & S_{123}=0 \\ S_{131}=1 & S_{132}=1 & S_{103}=0 \\ S_{201}=4 & S_{212}=3 & S_{113}=4 \\ S_{221}=2 & S_{202}=1 & S_{123}=2 \\ S_{231}=4 & S_{232}=1 & S_{113}=3 \end{bmatrix}$$

where P_{ij} and S_{ijk} denote the processing time of job j on machine i and the setup time of job k on machine i after job j, respectively.