

## APPENDIX C

This section describes the file formats that are created during the SimLab working sessions.

### INPUT FACTORS FILE FORMAT (.FAC)

Input factors are generated in the first step of the Monte Carlo analysis. For each factor the user selects a range and a distribution type with distribution specific parameters; these information are saved in a file having *.fac* extension.

The *.fac* file contains the following information:

**default truncations values** that the user can change using the default truncations window;

**total number of inputs factors;**

then, for each input factor, the file contains:

**factor type;**

**factor name;**

**factor notes;**

**factor specific parameters** (dependent on the factor type).

Again, for each factor, is listed the relative dependence tree correlation information:

**Dependence tree correlation value** for the factor;

**Dependence tree parent** of the factor in the correlation tree (-1 for item without parents);

**number of children** in the dependence correlation tree;

for each child: his **position** in the list of factors;

all the values in the **Iman Conover correlation matrix**.

**Stein** correlatin information

The correlation method selected by the user: 0 dependence tree, 1 Iman Conover, 2 stein correlation 3 no correlation

The following is an example of a file *.fac*:

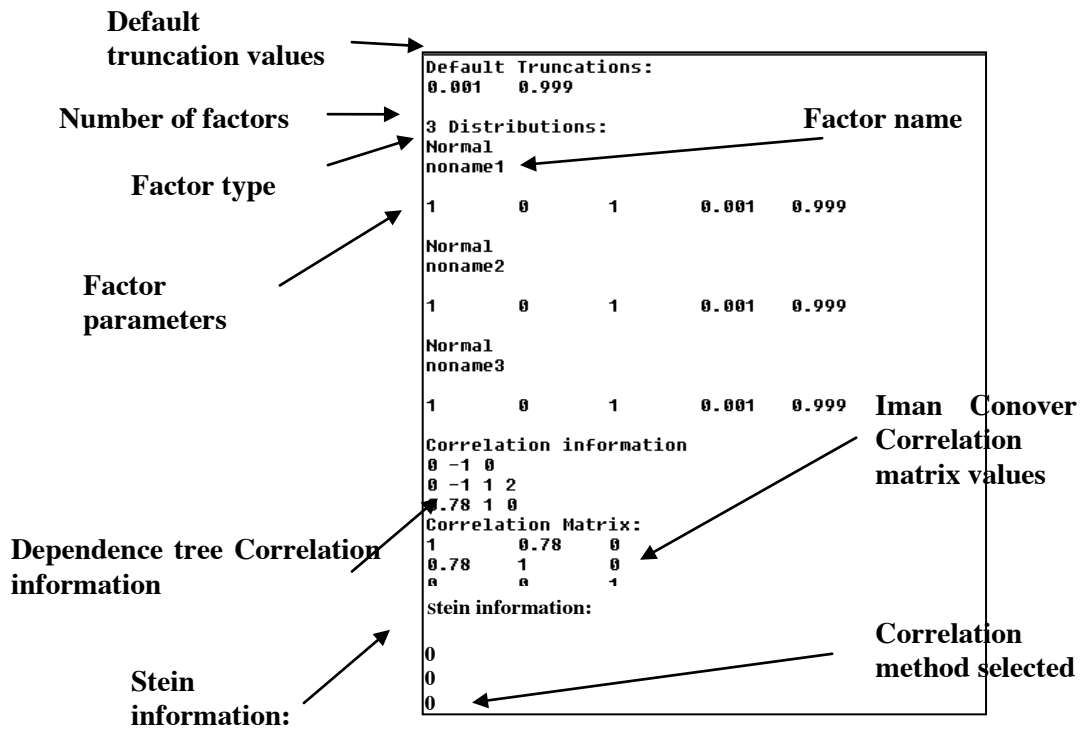


Figure 110 fac file example