

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*:

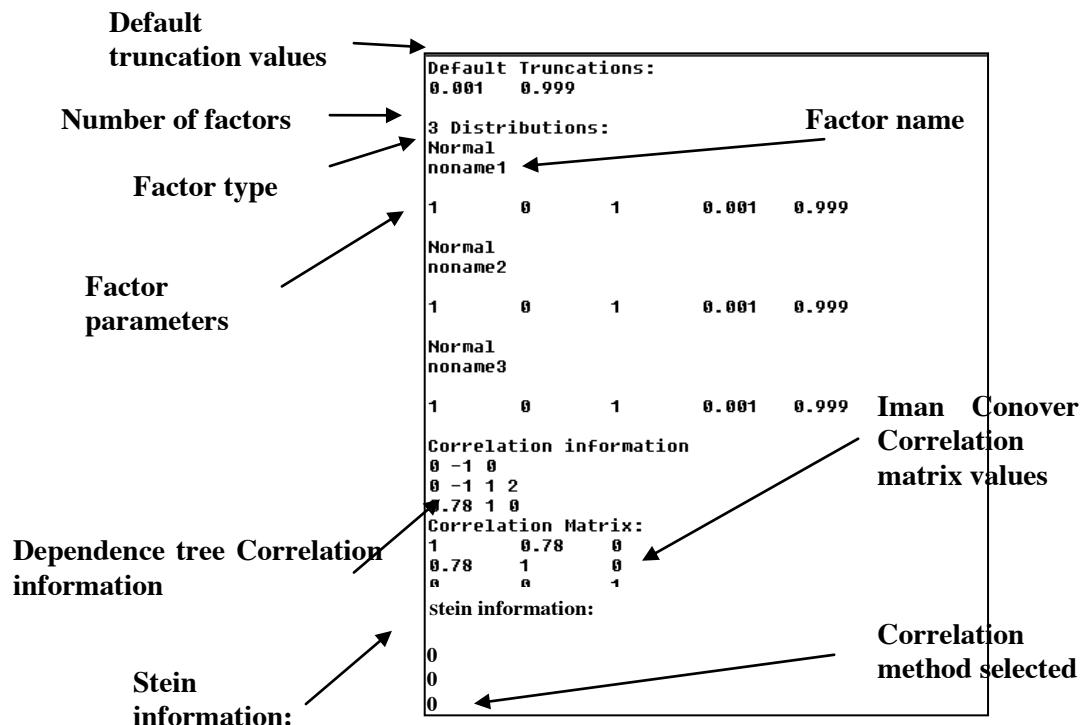


Figure 110 fac file example