Q.

In a probit model, let $y$ be the binary (0/1) outcome and $x$ the scalar predictor. The probit model is

$$ystar=b0+b1*x+\epsilon,$$

where $b0$ and $b1$ are intercept and coefficient respectively, $\epsilon$ follows a standard normal distribution and $y=1\{ystar>0\}$. Here $1\{}$ is an indicator function. Is there a command in Mplus to calculate $ystar$? Thanks a lot.

A.

Ask for factor scores in the following run:

ANALYSIS: PARAMETERIZATION = Theta;
MODEL:
f BY u1; $\texttt{f}@1$; $\texttt{u1}@.0001$;
f ON x1 x3;