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; <u>f@1</u>; <u>u1@.00001</u>; f ON x1 x3;