

Regression

$$\begin{aligned} \text{G3 Factor 1} &= \alpha_1 + \beta_{1,1} \boxed{\text{Latent Factor 1}} + \cdots + \beta_{p,1} \boxed{\text{Latent Factor } p} + \epsilon_1 \\ &\vdots \\ \text{G3 Factor } m &= \alpha_m + \beta_{1,m} \boxed{\text{Latent Factor 1}} + \cdots + \beta_{p,m} \boxed{\text{Latent Factor } p} + \epsilon_m \\ m &= 13 \end{aligned}$$