Intercept model

A Response-varying intercept model

$$y = \begin{pmatrix} 0 \\ \vdots \\ 1 \\ \vdots \\ 0 \end{pmatrix}$$

NN $\rightarrow \gamma \rightarrow \vartheta$

B = NN $\rightarrow \gamma(B) \rightarrow \vartheta(B)$

Tabular model

 $x = \begin{pmatrix} x_1 \\ \vdots \\ x_p \end{pmatrix} \rightarrow NN \rightarrow \beta(x) = x^\top \beta$
 $x = \begin{pmatrix} x_1 \\ \vdots \\ x_p \end{pmatrix} \rightarrow NN \rightarrow \beta(x) = x^\top \beta$