$$x_{i} \xrightarrow{\beta} x_{i}^{\mathrm{T}} \beta \xrightarrow{\mu_{i} = \mu(x_{i}^{\mathrm{T}}\beta)} \mu_{i} \xrightarrow{\mu_{i} = b'(\theta_{i})} \theta_{i}$$

$$\downarrow \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \qquad \downarrow \qquad \qquad \downarrow$$