$$\mathbf{z} \sim$$
$$\boldsymbol{\gamma} \mid \mathbf{z} \sim \quad \mathcal{N}(\boldsymbol{\mu}_{\mathbf{z}}, \sigma^2 \mathbf{I})$$
$$\mathbf{y} \mid \boldsymbol{\gamma} \sim \quad \mathbb{P}(h(\boldsymbol{\gamma}))$$