## Training the model

$$\rho(y_{1:n} \mid x_{1:n}, y_{1:n}) \approx \rho(y_{1})$$

$$\rho(y_{1} \mid x_{1:n}, y_{1:n}) \approx \rho(y_{1:n} \mid x_{1:n}, y_{1}) \rho(y_{1})$$

$$\rho(y_{1} \mid x_{1:n}, y_{1:n}) \approx \rho(y_{1:n} \mid x_{1:n}, y_{1}) \rho(y_{1})$$

$$\rho(y_{1:n} \mid x_{1:n}, y_{1}) + \rho(y_{1:n}, y_{1}) + \rho(y_{1})$$

$$\rho(y_{1:n} \mid x_{1:n}, y_{1}) + \rho(y_{1:n}$$

