

$$\mathbf{f}_{\mathbf{y}, \phi(\hat{\mathbf{x}}, \hat{\mathbf{y}})} : \mathbb{R}^2 \rightarrow \mathbb{R}^2, \quad p_{\mathbf{x}}(\mathbf{x}) \sim \mathbf{x} \mapsto \mathbf{z} = \mathbf{f}_{\mathbf{y}, \phi(\hat{\mathbf{x}}, \hat{\mathbf{y}})}(\mathbf{x}) \sim \mathcal{N}(0, 1)^2$$

Weights of neural networks  
depending on training data

$\hat{\mathbf{x}}$  and  $\hat{\mathbf{y}}$

2D-vector containing  
points of a 2D standard  
normal distribution

Vector  $\mathbf{x} = (a, b)^\top$  containing  
parameters of affine  
model  $y_j = au_j + b$

Vector containing  
line points (context)