Training set



Test set



Class A: native structure

Class A: native structure

Virtual

class B:

structure

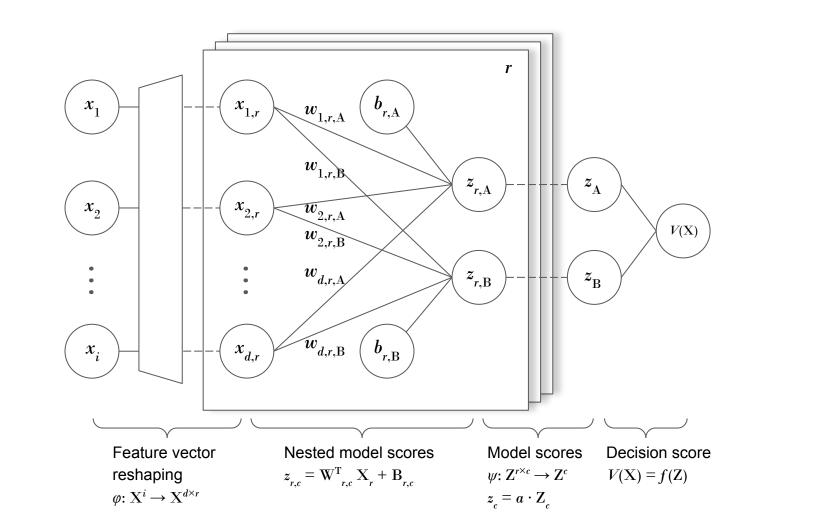
adversarial



Classifier



Class B: non-native structure



$$\begin{bmatrix} z_{\mathbf{A}} \\ z_{\mathbf{B}} \end{bmatrix} = \begin{bmatrix} w_{1,\mathbf{A}} & w_{2,\mathbf{A}} & \dots & w_{i,\mathbf{A}} \\ w_{1,\mathbf{B}} & w_{2,\mathbf{B}} & \dots & w_{i,\mathbf{B}} \end{bmatrix} \begin{bmatrix} x_1 \\ x_2 \\ \vdots \\ x_i \end{bmatrix} + \begin{bmatrix} b_{\mathbf{A}} \\ b_{\mathbf{B}} \end{bmatrix}$$

