

$$h_x = f_x(x)$$

$$h_y = f_y(y)$$

 f_x
 x -space

 x_{test}
 f_y
 y -space

 y_{test}

--- (x, y) pairs in the training set

\longrightarrow f_x : encoder function for x

\longrightarrow f_y : encoder function for y

$\leftarrow \cdots \rightarrow$ Relationship between embedded points within one of the domains

\longleftrightarrow Maps between representation spaces

