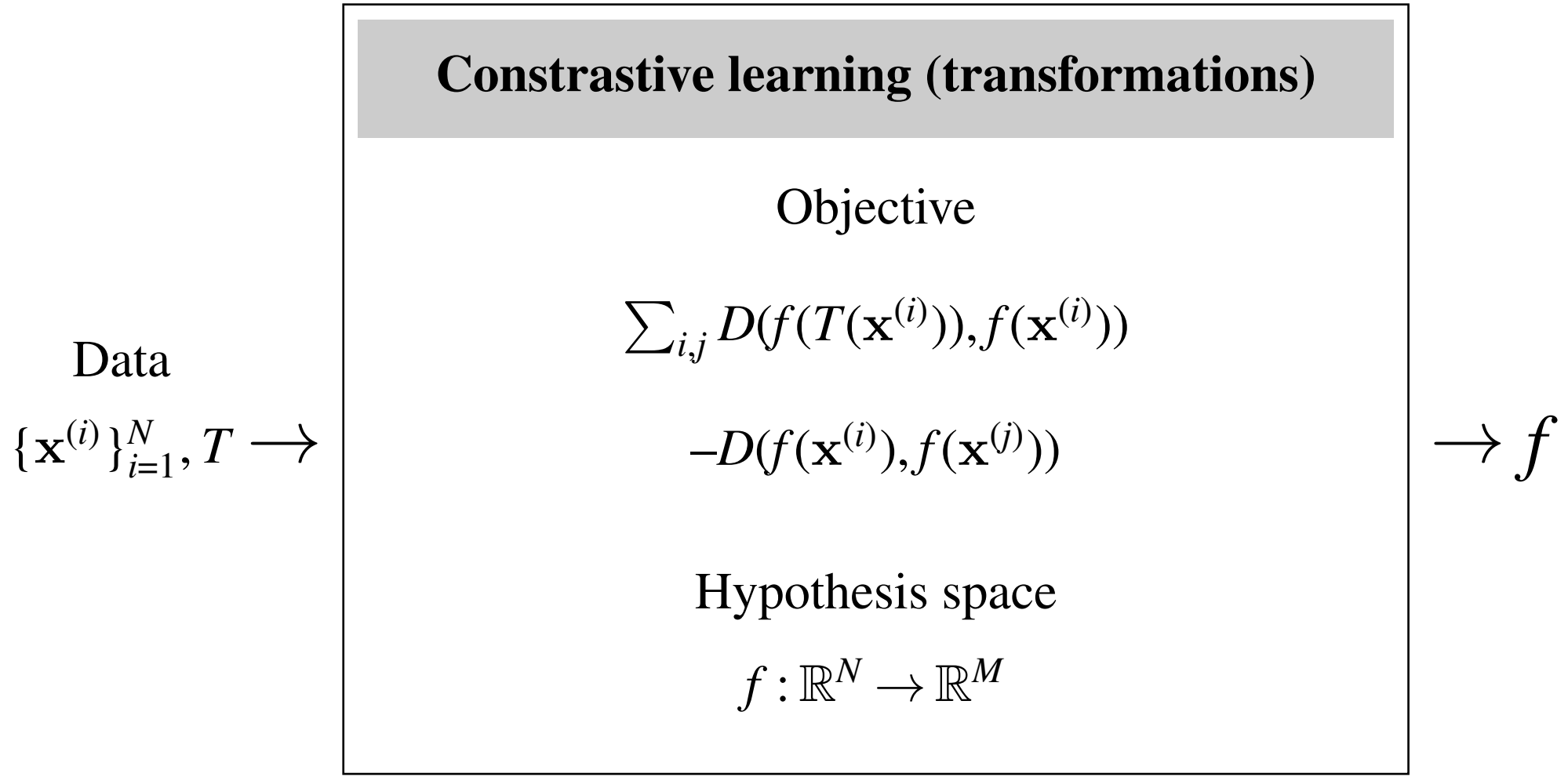
Constrastive learning (transformations)
Objective
$\sum_{i,j} D(f(T(\mathbf{x}^{(i)})), f(\mathbf{x}^{(i)}))$
$-D(f(\mathbf{x}^{(i)}), f(\mathbf{x}^{(j)}))$
Hypothesis space
$f : \mathbb{R}^N \to \mathbb{R}^M$
Data
$\{\mathbf{x}^{(i)}\}_{i=1}^N, T \longrightarrow$
$\longrightarrow f$