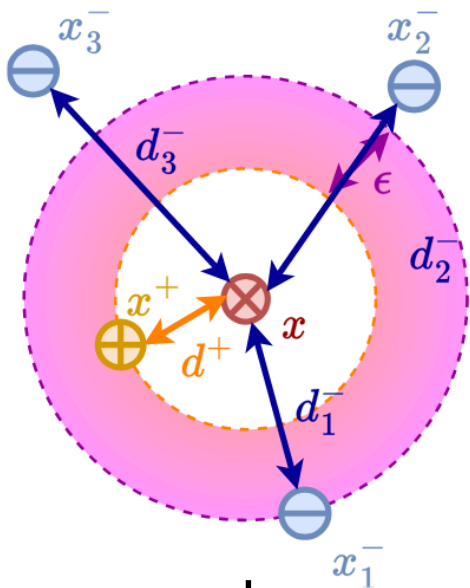


Generalization of InfoNCE through metric constraints:

$$d(z, z_k^+) - d(z, z_j^-) \geq \epsilon \quad \forall k, j$$

→ ϵ -SupInfoNCE



Beyond positives and negatives through alignment and repulsion based on continuous values

$$w_k[(1 - w_t)s(z, z_t) - s(z, z_k)] \leq 0$$

→ **CL for regression**

