



CSAIL



BACKGROUND

OPTIMAL TRANSPORT

▶ **Geometric** framework to compare probability distributions

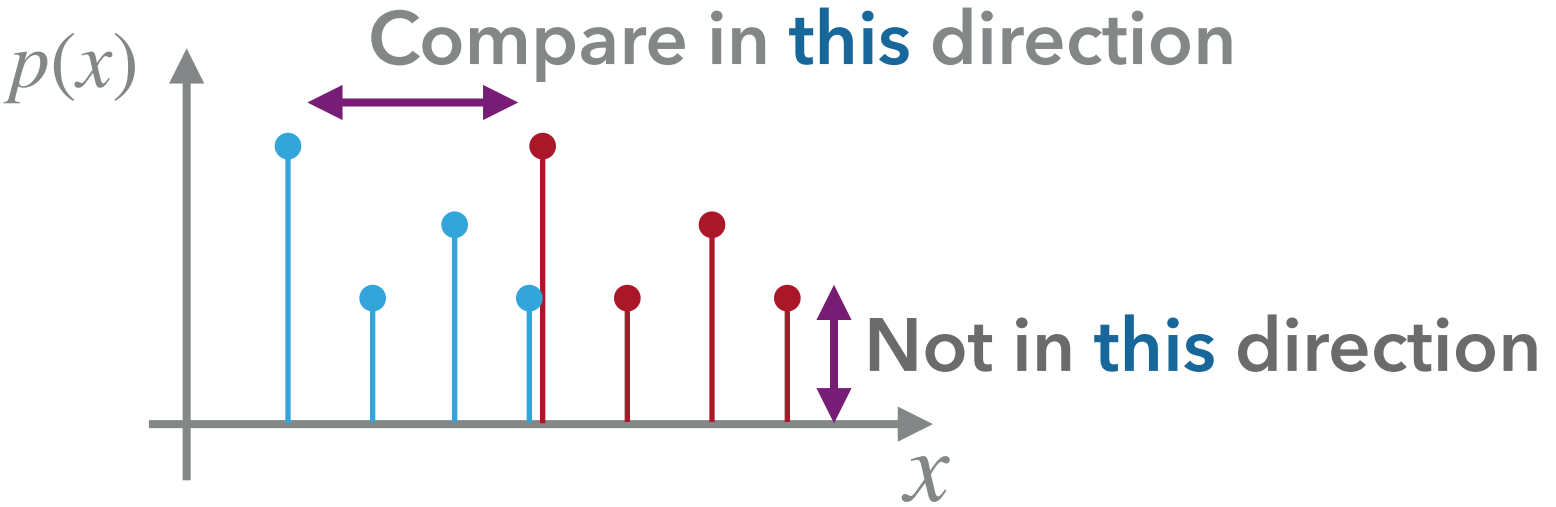


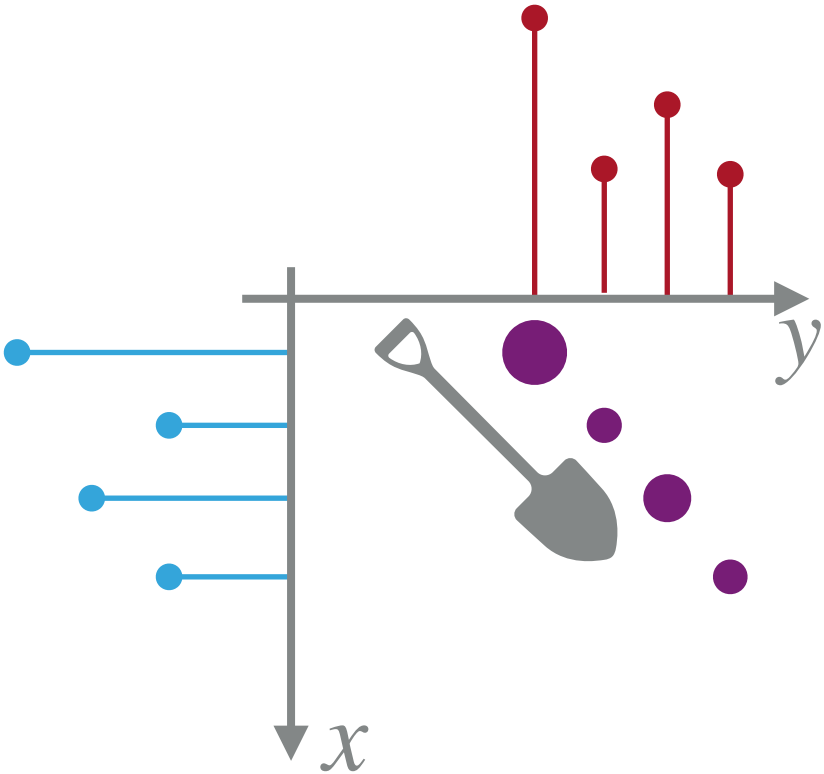
The big idea behind OT:

▶ Distance between distributions = **cost to move mass** between them

Cost to move mass m from x to y :

$$m \cdot d(x, y)$$

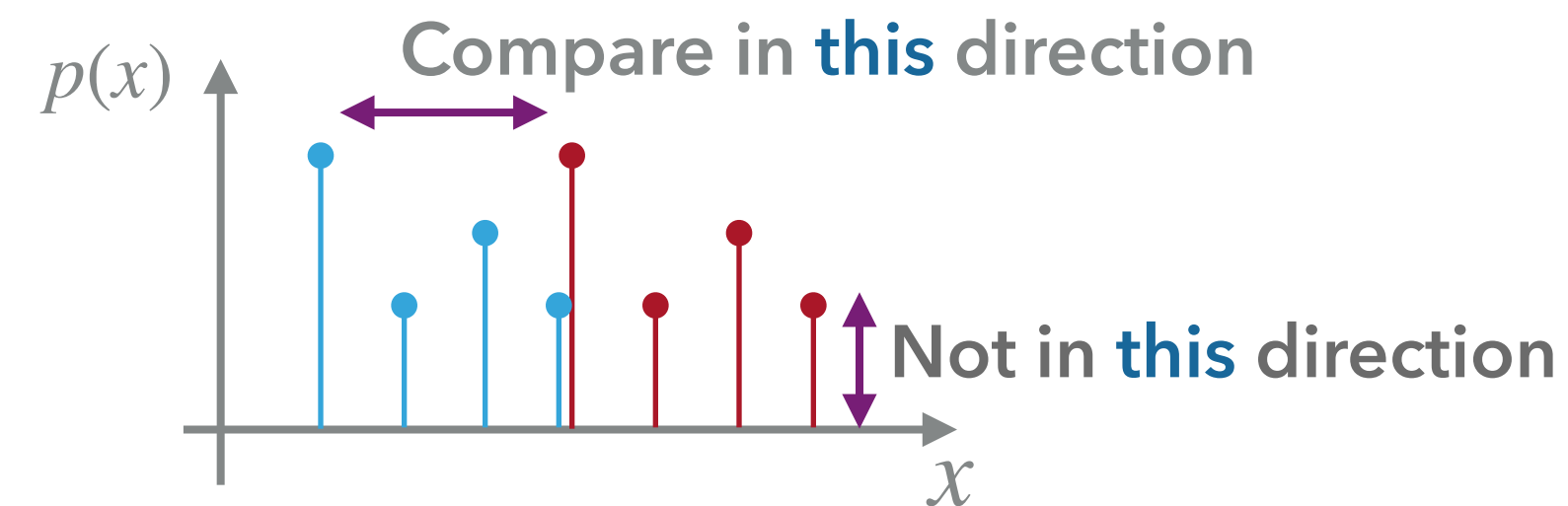




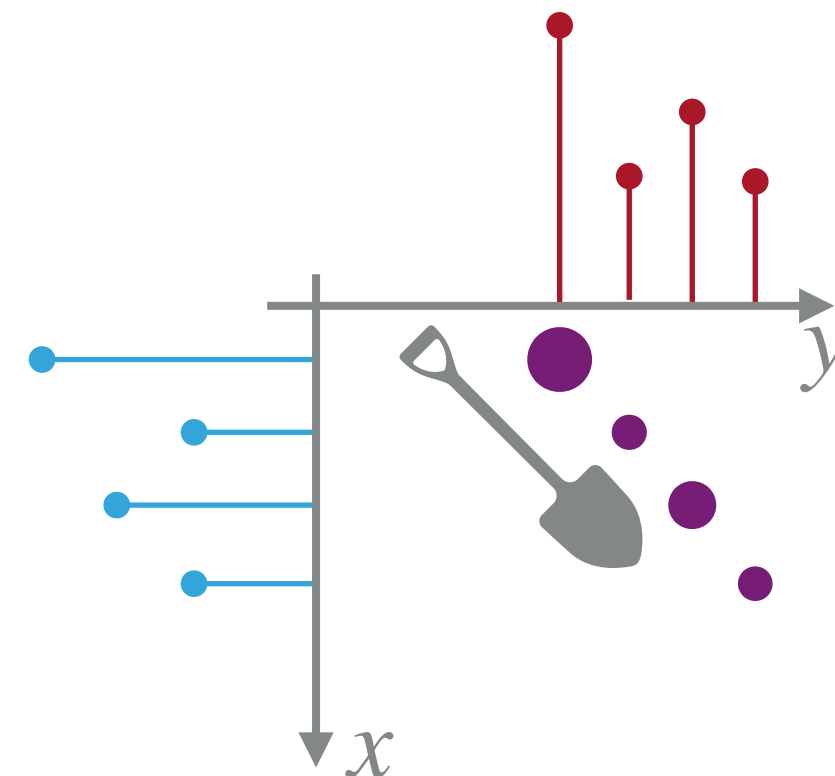
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