Multi-Dimensional Scaling

- Multi-dimensional scaling (MDS):
 - Directly optimize the final locations of the z_i values.

$$f(Z) = \sum_{i=1}^{n} \sum_{j=j+1}^{n} (||z_i - z_j|| - ||x_i - x_j||)^2$$

Non-parametric dimensionality reduction and visualization:

No 'W': just trying to make z, preserve high-dimensional distances between x,.

HOS HOS 보이는 간의 PCA and moves points closer.
HOS HOS Can preserve

(이 이라 포인트 간의 제외가 병존길.

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