

- ▶ We should be careful about scaling of the coordinate axes when we compute these metrics.
- ▶ When there is great difference in the range of the data along different axes in a multidimensional space, these metrics implicitly assign more weighting to features with large ranges than those with small ranges.
- ▶ *Feature normalization* can be used to approximately equalize ranges of the features and make them have approximately the same effect in the distance computation.
- ▶ The following methods can be used to independently normalize each feature.