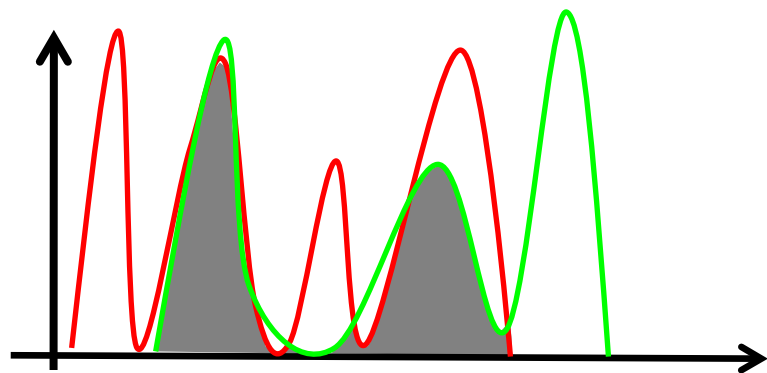


Comparing Feature Histograms

- Speed up by comparing histograms of features: pairwise image comparison only for similar histograms
- Histogram intersection



Query histogram Histogram of database entry

$$\rho = \frac{\sum_{i=1}^n \min(Q_i, D_i)}{\sum_{i=1}^n D_i}$$

[Swain, Ballard 1991]

- Equivalent to mean absolute difference, if both histograms contain same number of samples