

SILHOUETTE

COEFFICIENTS

$$S_c = \frac{1}{n} \sum_{i=1}^n \frac{b_i - a_i}{\max(a_i, b_i)}$$

Number of
observations

Mean distance between
sample i and all other
samples in the
same class.

Mean distance between
a sample and all other
samples of the nearest
cluster.

Score range between
-1 and 1. Closer to 1 better.

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