Similarity/distance

$$a = \begin{pmatrix} 0.6 \\ 0.3 \\ 0.1 \end{pmatrix} \qquad b = \begin{pmatrix} 0.62 \\ 0.33 \\ 0.05 \end{pmatrix}$$

Euclidean distance

$$\|a - b\|_2 = \sqrt{\sum_i (a_i - b_i)^2} \approx 0.004$$

Cosine similarity

$$\cos(a, b) = \frac{a^T b}{\|a\| \cdot \|b\|} \approx 0.997$$