

$$\begin{aligned}
 \text{sim}(d_1, d_2) &= \frac{\vec{V}(d_1) \cdot \vec{V}(d_2)}{|\vec{V}(d_1)| |\vec{V}(d_2)|} \\
 &= \frac{179.53}{22.38 * 18.15} \\
 &= 0.442
 \end{aligned}$$