Improved VSM with Term Frequency Weighting

$q=(x_1, \ldots x_N)$ x_i = count of word W_i in query

$d=(y_1, \ldots y_N)$ y_i = count of word W_i in doc

$$Sim(q,d)=q.d= x_1 y_1 + \ldots + x_N y_N = \sum_{i=1}^{N} x_i y_i$$

What does this ranking function intuitively capture?

Does it fix the problems of the simplest VSM?