| Term frequency | | Document frequency | |
|---|---|---|---|
| n (natural) | $\text{tf}_{t,d}$ | n (no) | 1 |
| l (logarithm) | $1 + \log(\text{tf}_{t,d})$ | t (idf) | $\log \frac{N}{\text{df}_t}$ |
| a (augmented) | $0.5 + \frac{0.5 \times \text{tf}_{t,d}}{\max_t(\text{tf}_{t,d})}$ | p (prob idf) | $\max\{0, \log \frac{N - \text{df}_t}{\text{df}_t}\}$ |
| b (boolean) | $\begin{cases} 1 & \text{if } \text{tf}_{t,d} > 0 \\ 0 & \text{otherwise} \end{cases}$ | | |
| L (log ave) | $\frac{1 + \log(\text{tf}_{t,d})}{1 + \log(\text{ave}_{t \in d}(\text{tf}_{t,d}))}$ | | |