

idf equation

$$idf(t, D) = \log\left(\frac{N}{\left|\{d \in D : t \in d\}\right|}\right)$$

$idf(t,D) = \log(\{N\} \text{ over } \{\text{left lline left lbrace } d \text{ in } D : t \text{ in } d \text{ right rbrace right rline}\})$