

European Broadcasting Union







$$NDCG_N = \frac{DCG_N}{IDCG_N}$$











$$DCG_{N} = \sum_{i=1}^{N} \frac{rel_{i}}{\log_{2}\left(i+1\right)}$$

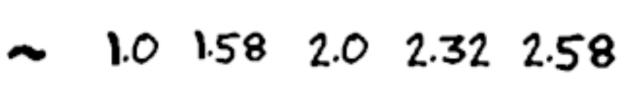
 rel_i

 $\underset{i=1}{\angle} \log_2(i+1)$

 $DCG_N =$

0.9 0 0.6 0 0.4

RELEVANCE



LOG2(1 + 1)

 rel_i

 $\underset{i=1}{\underline{\angle}} \log_2 (i+1)$

 $DCG_N =$