



Metrics

Normalized
Discounted
Cumulative
Gain

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

$$DCG_N = \sum_{i=1}^N \frac{rel_i}{\log_2 (i + 1)}$$



Metrics

Normalized
Discounted
Cumulative
Gain

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

$$IDCG_N = \sum_{i=1}^N \frac{1.0}{\log_2 (i + 1)}$$