

From RankNet to LambdaRank to LambdaMART: An Overview

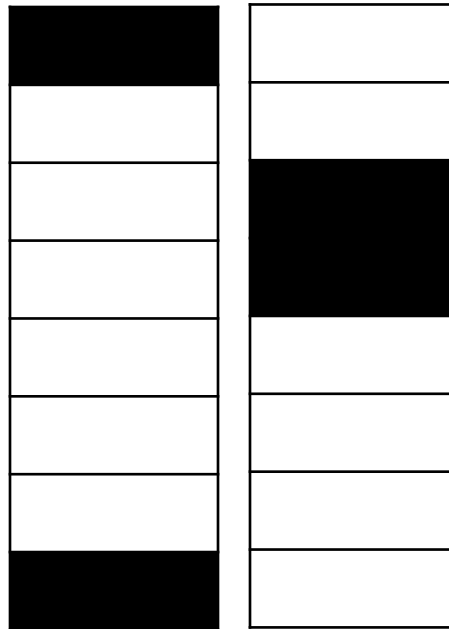
Christopher J.C. Burges, 2010

- Minimizing mis-ordered pair => maximizing IR metrics?

Mis-ordered pairs: 6

$$\text{AP: } \frac{5}{8}$$

DCG: 1.333



Mis-ordered pairs: 4

$$\text{AP: } \frac{5}{12}$$

DCG: 0.931

Position is crucial!