

NDCG@43

0.64 0.61 0.58 0.62 0.62 0.60 0.61 0.59 0.62 0.62 0.62 0.61 0.61 0.60 0.62 0.62 0.61 0.62 0.61 0.62 0.60 0.62 0.62 0.61 0.61 0.62 0.61 0.63 0.61 0.62 0.62 0.60 0.59 0.59 0.57 0.58

Initial DCS GT 1 2 3 4 GAPI 1 2 3 4 BTN 1 2 3 4 NMS 1 2 3 4 IMP-P 1 2 3 4 IMP-A 1 2 3 4 CoT 1 2 3 4

Alternate Fair Ranking Methods as defined in Section IV