

Document-level Evaluation (45 topics)

The figure displays the results of a document-level evaluation across 45 topics. The top section shows a bar chart of the difference from the median R-precision for each topic, categorized as Hard-rel (black) and Soft-rel (white). The bottom section shows a Precision-Recall (PR) curve plot with two series: Hard-rel (solid line with circles) and Soft-rel (dashed line with inverted triangles). The x-axis represents Recall (0.0 to 1.0), and the y-axis represents Precision (0.0 to 1.0). The legend indicates that solid circles represent Hard-rel and dashed triangles represent Soft-rel. The table below provides detailed precision-recall data for both series.

Document Level	Hard-rel	Soft-rel	R-Precision
At 5 docs	0.4222	0.5289	0.4089
At 10 docs	0.3778	0.4652	0.5044
At 15 docs	0.3244	0.3963	0.3667
At 20 docs	0.2744	0.4467	0.3667
At 30 docs	0.2076	0.2602	0.2076
At 50 docs	0.1442	0.1813	0.1442
At 100 docs	0.1183	0.1063	0.0855
At 200 docs	0.0955	0.0963	0.0855
At 500 docs	0.0755	0.0763	0.0618
At 1000 docs	0.0501	0.0511	0.0501
Total rel. ret.	33856	33856	0.3716
MAP	0.3635	0.3471	0.3664

