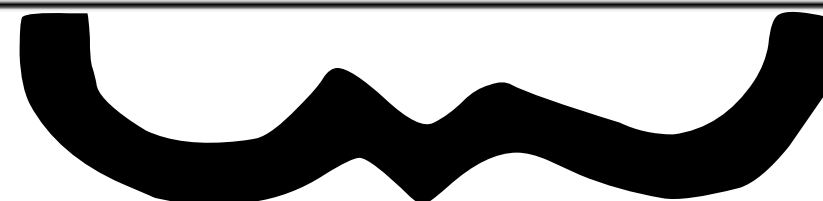


	Precision	Recall	$F0.5$	$F1$	$F3$	$WSS$
Baseline	0.010	0.815	0.012	0.018	0.053	0.801
Greedy	0.034 (+236.33%)	0.725 (-11.11%)	0.034 (+184.24%)	0.039 (+114.74%)	0.068 (+27.29%)	0.720 (-10.10%)
Oracle <sub>p</sub>	<b>0.078 (+680.68%)<sup>b</sup></b>	0.521 (-36.06%) <sup>b</sup>	0.077 (+537.16%) <sup>b</sup>	0.086 (+380.70%) <sup>b</sup>	0.146 (+174.71%) <sup>b</sup>	0.520 (-35.10%) <sup>b</sup>
Oracle <sub>r</sub>	0.011 (+8.98%)	<b>0.938 (+15.04%)<sup>b</sup></b>	0.012 (+0.86%)	0.015 (-15.35%)	0.027 (-49.97%)	0.865 (+7.99%)
Oracle <sub>F0.5</sub>	0.076 (+663.67%) <sup>b</sup>	0.543 (-33.37%) <sup>b</sup>	<b>0.078 (+540.90%)<sup>b</sup></b>	0.088 (+389.45%) <sup>b</sup>	0.153 (+188.80%) <sup>b</sup>	0.542 (-32.37%) <sup>b</sup>
Oracle <sub>F1</sub>	0.073 (+633.48%) <sup>b</sup>	0.545 (-33.13%) <sup>b</sup>	0.077 (+534.48%) <sup>b</sup>	<b>0.089 (+394.48%)<sup>b</sup></b>	0.155 (+192.26%) <sup>b</sup>	0.544 (-32.12%) <sup>b</sup>
Oracle <sub>F3</sub>	0.062 (+522.25%) <sup>b</sup>	0.577 (-29.21%) <sup>b</sup>	0.068 (+463.08%) <sup>b</sup>	0.084 (+367.42%) <sup>b</sup>	<b>0.159 (+199.48%)<sup>b</sup></b>	0.576 (-28.15%) <sup>b</sup>
Oracle <sub>WSS</sub>	0.023 (+133.45%)	0.925 (+13.41%)	0.024 (+99.43%)	0.027 (+48.91%)	0.047 (-12.10%)	<b>0.903 (+12.69%)</b>
Classifier <sub>p</sub>	0.025 (+147.72%) <sup>o</sup>	0.693 (-15.02%)	0.028 (+129.36%)	0.035 (+95.90%)	0.075 (+40.18%) <sup>b</sup>	0.681 (-15.01%)
Classifier <sub>r</sub>	<i>0.035 (+253.09%)</i>	<i>0.717 (-12.11%)<sup>o</sup></i>	<i>0.037 (+203.61%)</i>	<i>0.042 (+132.98%)</i>	0.073 (+38.25%)	<i>0.711 (-11.22%)</i>
Classifier <sub>F0.5</sub>	0.032 (+224.53%)	0.713 (-12.57%)	0.035 (+185.13%) <sup>o</sup>	0.040 (+125.70%)	0.077 (+44.45%)	0.704 (-12.11%)
Classifier <sub>F1</sub>	0.026 (+157.78%)	0.693 (-14.98%)	0.029 (+136.51%)	0.036 (+99.29%) <sup>o</sup>	0.075 (+40.21%) <sup>b</sup>	0.682 (-14.85%)
Classifier <sub>F3</sub>	0.026 (+160.37%)	0.692 (-15.11%)	0.029 (+138.90%)	0.036 (+101.19%)	0.075 (+40.45%) <sup>b o</sup>	0.681 (-15.00%)
Classifier <sub>WSS</sub>	0.033 (+229.41%)	0.684 (-16.11%)	0.035 (+188.95%)	0.041 (+129.61%)	<i>0.080 (+50.85%)<sup>b</sup></i>	0.671 (-16.22%) <sup>o</sup>
Ranker <sub>p</sub>	0.046 (+358.47%)	0.653 (-19.90%) <sup>b</sup>	0.043 (+252.78%)	0.044 (+147.11%)	0.065 (+22.97%)	0.649 (-18.97%) <sup>b</sup>
Ranker <sub>r</sub>	0.034 (+237.78%)	<i>0.753 (-7.70%)<sup>o</sup></i>	0.033 (+172.19%)	0.036 (+101.95%)	0.058 (+9.60%)	<i>0.748 (-6.64%)</i>
Ranker <sub>F0.5</sub>	0.046 (+362.90%)	0.619 (-24.12%) <sup>b</sup>	0.042 (+247.79%)	0.043 (+141.94%)	0.062 (+16.95%)	0.615 (-23.24%) <sup>b</sup>
Ranker <sub>F1</sub>	0.048 (+380.17%)	0.614 (-24.69%) <sup>b</sup>	0.043 (+257.07%)	0.045 (+149.91%)	0.067 (+26.71%)	0.610 (-23.83%) <sup>b</sup>
Ranker <sub>F3</sub>	<i>0.056 (+455.82%)</i>	0.645 (-20.92%) <sup>b</sup>	<i>0.051 (+319.32%)</i>	0.053 (+197.77%)	0.076 (+42.90%)	0.641 (-20.00%) <sup>b</sup>
Ranker <sub>WSS</sub>	0.053 (+428.60%)	0.610 (-25.25%) <sup>b</sup>	0.050 (+314.01%)	<i>0.054 (+199.11%)</i>	<i>0.081 (+52.34%)</i>	0.607 (-24.27%) <sup>b o</sup>

	NCG@10		AP	
	Boolean	PICO	Boolean	PICO
Elasticsearch	<b>0.397</b>	<b>0.409</b>	<b>0.104</b>	0.102
Coordinate Ascent	0.305	0.378	0.076	<b>0.114</b>
MART	0.237	0.327	0.066	0.086
AdaRank	0.0875	0.2197	0.0255	0.0619
LambdaMART	0.259	0.377	0.068	0.097
Random Forests	0.247	0.275	0.061	0.088



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