

Automatic 2-stage results

≈ Optimal 1-stage results [Zhai & Lafferty 02]

Average precision (3 DB's + 4 query types, 150 topics)

* Indicates significant difference

Collection	query	Optimal-JM	Optimal-Dir	Auto-2stage
AP88-89	SK	20.3%	23.0%	22.2%*
	LK	36.8%	37.6%	37.4%
	SV	18.8%	20.9%	20.4%
	LV	28.8%	29.8%	29.2%
WSJ87-92	SK	19.4%	22.3%	21.8%*
	LK	34.8%	35.3%	35.8%
	SV	17.2%	19.6%	19.9%
	LV	27.7%	28.2%	28.8%*
ZIFF1-2	SK	17.9%	21.5%	20.0%
	LK	32.6%	32.6%	32.2%
	SV	15.6%	18.5%	18.1%
	LV	26.7%	27.9%	27.9%*

Completely automatic tuning of parameters IS POSSIBLE!