

Results

- None of the predictors show strong correlation between predicted effectiveness and actual effectiveness
- Simple predictors (e.g. query length, average term length) are the most effective at predicting better queries
 - But did not show the strongest correlation between effectiveness overall
 - Most QPPs did not perform better than a random ranking

	QPP	QPP Task			QVPP Task		
		r	τ_b	$\tau_{ap,b}$	Mean r	Mean τ_b	Mean $\tau_{ap,b}$
GOOD AT PREDICTING BETTER QUERIES	AICTF	-0.092	-0.108	-0.106	0.208 (± 0.320)	0.157 (± 0.226)	0.072 (± 0.206)
	AIDF	-0.082	-0.075	-0.086	0.231 (± 0.308)	0.168 (± 0.214)	0.070 (± 0.199)
	AQL	0.162	0.088	0.122	0.323 (± 0.249)	0.274 (± 0.134)	0.151 (± 0.144)
	ASCQ	-0.126	-0.139	-0.143	0.216 (± 0.287)	0.145 (± 0.194)	0.045 (± 0.193)
	CL	0.161	0.088	0.120	0.323 (± 0.249)	0.274 (± 0.134)	0.152 (± 0.144)
	CS	-0.065	-0.054	-0.058	0.309 (± 0.356)	0.234 (± 0.294)	0.139 (± 0.274)
	MIDF	0.053	0.060	0.002	0.266 (± 0.399)	0.236 (± 0.321)	-0.098 (± 0.293)
	MSCQ	0.079	0.074	0.075	0.365 (± 0.377)	0.314 (± 0.318)	-0.026 (± 0.291)
	NQC	-0.128	-0.149	-0.105	0.180 (± 0.398)	0.147 (± 0.312)	0.078 (± 0.268)
	QS	-0.080	-0.109	-0.049	-0.091 (± 0.206)	-0.109 (± 0.145)	-0.081 (± 0.138)
	SCS	-0.135	-0.162	-0.141	-0.029 (± 0.311)	-0.030 (± 0.226)	-0.039 (± 0.192)
	SDIDF	0.027	0.016	-0.021	0.382 (± 0.319)	0.309 (± 0.170)	0.175 (± 0.170)
	SSCQ	0.149	0.065	0.122	0.360 (± 0.272)	0.295 (± 0.149)	0.167 (± 0.171)
	TL	0.178	0.118	0.126	0.321 (± 0.256)	0.284 (± 0.145)	0.101 (± 0.175)
	WEG	-0.021	-0.016	0.012	0.375 (± 0.338)	0.291 (± 0.249)	0.173 (± 0.241)
	WIG	-0.107	-0.095	-0.055	0.364 (± 0.375)	0.287 (± 0.289)	0.173 (± 0.267)
		CORRELATED WITH QVPP					