

Evaluation results by top-200 most frequently co-occurring company pairs (56 correct pairs + 5 seed pairs)

Strategy		Correct	Incorrect	Error Types				Precision	Recall
				Relation.	Direction	Company	Semantic		
baseline	top200	56	139	117	0	7	16	28.72%	100.00%
Hit@5 w/o KP	top200	29	114	98	2	4	10	20.28%	51.79%
	top500	46	136	113	3	5	15	25.27%	82.14%
Hit@10 w/o KP	top200	36	111	95	2	4	10	24.49%	64.29%
	top500	50	136	112	3	6	15	26.88%	89.29%
Hit@15 w/o KP	top200	32	113	97	2	4	10	22.07%	57.14%
	top500	48	137	113	3	6	15	25.95%	85.71%
Hit@5	top200	30	8	3	0	4	1	78.95%	53.57%
	top500	35	18	11	0	5	2	66.04%	62.50%
Hit@10	top200	38	14	4	2	5	3	73.08%	67.86%
	top500	45	33	15	6	6	6	57.69%	80.36%
Hit@15	top200	41	17	4	4	5	4	70.69%	73.21%
	top500	48	41	17	7	6	11	53.93%	85.71%
Cov w/o KP ($\tau=0.2$)	top200	43	110	94	2	4	10	28.10%	76.79%
	top500	54	136	113	2	6	15	28.42%	96.43%
Cov w/o KP ($\tau=0.3$)	top200	42	111	95	2	4	10	27.45%	75.00%
	top500	52	136	112	3	6	15	27.66%	92.86%
Cov w/o KP ($\tau=0.4$)	top200	41	111	95	2	4	10	26.97%	73.21%
	top500	52	136	112	3	6	15	27.66%	92.86%
Cov w/o KP ($\tau=0.5$)	top200	38	108	93	2	3	10	26.03%	67.86%
	top500	52	136	112	3	6	15	27.66%	92.86%
Cov w/o KP ($\tau=0.6$)	top200	38	108	93	2	3	10	26.03%	67.86%
	top500	52	136	112	3	6	15	27.66%	92.86%
Cov w/o KP ($\tau=0.7$)	top200	36	109	94	2	3	10	24.83%	64.29%
	top500	50	136	111	4	6	15	26.88%	89.29%
Cov w/o KP ($\tau=0.8$)	top200	36	109	94	2	3	10	24.83%	64.29%
	top500	49	136	111	4	6	15	26.49%	87.50%
Cov w/o KP ($\tau=0.9$)	top200	31	112	97	2	3	10	21.68%	55.36%
	top500	48	136	113	3	5	15	26.09%	85.71%
Cov($\tau=0.2$)	top200	53	42	29	1	5	7	55.79%	94.64%
	top500	55	92	70	1	6	15	37.41%	98.21%
Cov($\tau=0.3$)	top200	53	29	17	0	5	7	64.63%	94.64%
	top500	56	63	43	0	6	14	47.06%	100.00%
Cov($\tau=0.4$)	top200	51	31	17	2	5	7	62.20%	91.07%
	top500	53	66	43	3	6	14	44.54%	94.64%
Cov($\tau=0.5$)	top200	49	27	13	2	5	7	64.47%	87.50%
	top500	52	52	32	2	5	13	50.00%	92.86%
Cov($\tau=0.6$)	top200	48	28	13	3	5	7	63.16%	85.71%
	top500	51	53	32	3	5	13	49.04%	91.07%
Cov($\tau=0.7$)	top200	42	11	3	0	5	3	79.25%	75.00%
	top500	50	25	14	0	5	6	66.67%	89.29%
Cov($\tau=0.8$)	top200	40	13	3	2	5	3	75.47%	71.43%
	top500	45	30	14	5	5	6	60.00%	80.36%
Cov($\tau=0.9$)	top200	33	9	3	1	4	1	78.57%	58.93%
	top500	41	24	15	1	5	3	63.08%	73.21%