

Table 1: fb15k - avg

model	AMR	hits@1	hits@10	hits@3	hits@5	MR	
complex	$2.46 \pm 0.28$	$10.06 \pm 0.42$	$38.03 \pm 1.02$	$20.82 \pm 0.67$	$27.59 \pm 0.94$	$171.16 \pm 16.05$	19
conve	$0.73 \pm 0.01$	$48.28 \pm 0.12$	$79.76 \pm 0.07$	$66.99 \pm 0.04$	$73.27 \pm 0.03$	$50.76 \pm 0.40$	59
distmult	$1.86 \pm 0.03$	$16.45 \pm 0.16$	$45.00 \pm 0.25$	$29.10 \pm 0.17$	$35.54 \pm 0.21$	$134.02 \pm 1.98$	26
hole	$2.71 \pm 0.12$	$21.79 \pm 0.19$	$58.84 \pm 0.28$	$39.69 \pm 0.24$	$48.06 \pm 0.30$	$193.03 \pm 7.61$	34
kg2e	$78.40 \pm 0.68$	$0.11 \pm 0.04$	$1.01 \pm 0.14$	$0.36 \pm 0.08$	$0.56 \pm 0.10$	$5779.07 \pm 51.02$	0
rotate	$0.63 \pm 0.00$	$41.53 \pm 0.06$	$78.67 \pm 0.08$	$64.14 \pm 0.07$	$71.23 \pm 0.05$	$42.28 \pm 0.13$	55
simple	$99.89 \pm 0.12$	$0.01 \pm 0.00$	$0.08 \pm 0.02$	$0.03 \pm 0.01$	$0.05 \pm 0.01$	$7385.76 \pm 8.42$	0
transd	$2.29 \pm 0.09$	$21.22 \pm 0.03$	$58.71 \pm 0.14$	$40.48 \pm 0.10$	$48.57 \pm 0.09$	$153.37 \pm 5.35$	33
transe	$1.78 \pm 0.01$	$15.23 \pm 0.16$	$47.34 \pm 0.18$	$29.85 \pm 0.24$	$37.18 \pm 0.24$	$127.92 \pm 0.86$	26
transh	$85.63 \pm 0.40$	$1.69 \pm 0.25$	$3.74 \pm 0.18$	$2.95 \pm 0.20$	$3.29 \pm 0.22$	$6320.02 \pm 30.37$	2
transr	$91.99 \pm 0.22$	$0.37 \pm 0.00$	$1.03 \pm 0.07$	$0.63 \pm 0.04$	$0.78 \pm 0.06$	$6795.95 \pm 16.65$	0

Table 2: fb15k - best

model	hits@1	hits@10	hits@3	hits@5	MR	MRR
complex	$10.06 \pm 0.42$	$38.03 \pm 1.02$	$20.82 \pm 0.67$	$27.59 \pm 0.94$	$171.16 \pm 16.05$	$19.13 \pm 0.45$
conve	$48.28 \pm 0.12$	$79.76 \pm 0.07$	$66.99 \pm 0.04$	$73.27 \pm 0.03$	$50.76 \pm 0.40$	$59.56 \pm 0.06$
distmult	$16.45 \pm 0.16$	$45.00 \pm 0.25$	$29.10 \pm 0.17$	$35.54 \pm 0.21$	$134.02 \pm 1.98$	$26.06 \pm 0.17$
hole	$21.79 \pm 0.19$	$58.84 \pm 0.28$	$39.69 \pm 0.24$	$48.06 \pm 0.30$	$193.03 \pm 7.61$	$34.15 \pm 0.22$
kg2e	$0.11 \pm 0.04$	$1.01 \pm 0.14$	$0.36 \pm 0.08$	$0.56 \pm 0.10$	$5779.07 \pm 51.02$	$0.58 \pm 0.07$
rotate	$41.53 \pm 0.06$	$78.67 \pm 0.08$	$64.14 \pm 0.07$	$71.23 \pm 0.05$	$42.28 \pm 0.13$	$55.00 \pm 0.06$
simple	$0.01 \pm 0.00$	$0.09 \pm 0.01$	$0.03 \pm 0.01$	$0.05 \pm 0.01$	$2908.87 \pm 471.26$	$0.22 \pm 0.05$
transd	$21.22 \pm 0.03$	$58.71 \pm 0.14$	$40.48 \pm 0.10$	$48.57 \pm 0.09$	$153.37 \pm 5.35$	$33.99 \pm 0.03$
transe	$15.23 \pm 0.16$	$47.34 \pm 0.18$	$29.85 \pm 0.24$	$37.18 \pm 0.24$	$127.92 \pm 0.86$	$26.01 \pm 0.17$
transh	$1.69 \pm 0.25$	$3.74 \pm 0.18$	$2.95 \pm 0.20$	$3.29 \pm 0.22$	$6320.00 \pm 30.37$	$2.54 \pm 0.20$
transr	$0.37 \pm 0.00$	$1.03 \pm 0.07$	$0.63 \pm 0.04$	$0.78 \pm 0.06$	$6795.94 \pm 16.65$	$0.65 \pm 0.02$

Table 3: fb15k - worst

model	hits@1	hits@10	hits@3	hits@5	MR	MRR
complex	$10.06 \pm 0.42$	$38.03 \pm 1.02$	$20.82 \pm 0.67$	$27.59 \pm 0.94$	$171.16 \pm 16.05$	$19.13 \pm 0.45$
conve	$48.28 \pm 0.12$	$79.76 \pm 0.07$	$66.99 \pm 0.04$	$73.27 \pm 0.03$	$50.76 \pm 0.40$	$59.56 \pm 0.06$
distmult	$16.45 \pm 0.16$	$45.00 \pm 0.25$	$29.10 \pm 0.17$	$35.54 \pm 0.21$	$134.02 \pm 1.98$	$26.06 \pm 0.17$
hole	$21.79 \pm 0.19$	$58.84 \pm 0.28$	$39.69 \pm 0.24$	$48.06 \pm 0.30$	$193.03 \pm 7.61$	$34.15 \pm 0.22$
kg2e	$0.11 \pm 0.04$	$1.01 \pm 0.14$	$0.36 \pm 0.08$	$0.56 \pm 0.10$	$5779.07 \pm 51.02$	$0.58 \pm 0.07$
rotate	$41.53 \pm 0.06$	$78.67 \pm 0.08$	$64.14 \pm 0.07$	$71.23 \pm 0.05$	$42.28 \pm 0.13$	$55.00 \pm 0.06$
simple	$0.01 \pm 0.00$	$0.08 \pm 0.02$	$0.03 \pm 0.01$	$0.05 \pm 0.01$	$11862.65 \pm 474.02$	$0.06 \pm 0.01$
transd	$21.22 \pm 0.03$	$58.71 \pm 0.14$	$40.48 \pm 0.10$	$48.57 \pm 0.09$	$153.37 \pm 5.35$	$33.99 \pm 0.03$
transe	$15.23 \pm 0.16$	$47.34 \pm 0.18$	$29.85 \pm 0.24$	$37.18 \pm 0.24$	$127.92 \pm 0.86$	$26.01 \pm 0.17$
transh	$1.69 \pm 0.25$	$3.74 \pm 0.18$	$2.95 \pm 0.20$	$3.29 \pm 0.22$	$6320.05 \pm 30.37$	$2.54 \pm 0.20$
transr	$0.37 \pm 0.00$	$1.03 \pm 0.07$	$0.63 \pm 0.04$	$0.78 \pm 0.06$	$6795.95 \pm 16.65$	$0.65 \pm 0.02$