

Method	avg P.	avg R.	avg F ₁
Berant and Liang '14	40.5	46.6	39.9
Bast and Haussmann '15	49.8	60.4	49.4
Berant and Liang '15	50.4	55.7	49.7
Reddy et al. '16	49.0	61.1	50.3
Yih et al. '15	52.8	60.7	52.5
Xu et al. '16	53.1	65.5	53.3
This paper			
ORIGINAL	53.2	54.2	45.0
MT	48.0	56.9	47.1
NAIVE	48.1	57.7	47.2
PPDB	48.4	58.1	47.7
BILAYERED	47.0	57.6	47.2