Model	Space Complexity	# Params	Operations (Time C
RESCAL	$N_e m + N_r n^2$	1.278M	$(m^2 +$
TransE	$N_e m + N_r n$	1.202M	N
TransR	$N_e m + N_r(mn)$	1.278M	2mr
ER-MLP	$N_e m + N_r n + ((2m+n) \times h) + h$	1.217M	(3mh +
NTN	$N_e m + N_r (n^2 s + 2ns + 2s)$	1.523M	$((m^2+m)s+$
RelNet	$N_e m + N_r n + N_a n^* + ((2m+n) \times h) + h$	1.278M	((2m+n)
AttrNet	$N_e m + N_a n^* + 2((m + n^*) \times h) + h$	1.221M	(2+k)(m
MT-KGNN	$N_e m + N_r n + N_a n^* + ((2m+n) \times h) + 2h + 2((m+n^*) \times h)$	1.237M	$((2+k)(m+n^*)+($