k	n	$n2^n$	time in seconds	rows	variables	nonzeros
6	12	49152	0.46	33569	33414	99465
7	13	106496	72.60	74349	74710	221693
8	14	229376	0.54	140312	142632	419864
9	15	491520	39.72	321016	327828	961832