

B Excluded Test Instances

Table 5: Out of 2058 test instances, we excluded the following 55 instances either because PaToH-Q could not allocate enough memory or one of the other partitioners could not partition the instances in the given time limit. The table is split into two groups: sparse matrix instances and SAT instances.

Hypergraph	k						
	2	4	8	16	32	64	128
192bit	□			□			
ESOC	□	□			□	□	□
Rucci1					□		
Trec14							○
appu						○	○
IMDB				△	△	△	△
human_gene2					○	○	○
kron_g500-logn16		△	△	△	△○	△○	△○
sls	□	□	□	□○	□○	□○	□○
11pipe_k				○	○	○	○
9vliw_m_9stages_iq3_C1_bug7	△	△●○	△●○	△●○	△●○	△●○	△●○
9vliw_m_9stages_iq3_C1_bug8	△	△○	△●○	△●○	△●○	△●○	△●○
blocks-blocks-37-1.130-NOTKNOWN		□	□	□	□	□	□

△ : KaHyPar exceeded time limit
 ● : hMetis-R exceeded time limit
 ○ : hMetis-K exceeded time limit
 □ : PaToH-Q memory allocation error
 - : Experiments not yet finished