Big Graphs

1 R1O5

Table 1: FR $k = 4$

Method	RF	Time/s	Memory/G
2PS-L	2.37	589	5
HDRF	2.36	243	4
CLUGP	2.20	1953	11
S5P	1.89	1361	6
Greedy	1.97	1680	6
DBH	2.09	111	4
NE	1.19	1277	34
METIS	2.01	2079	382
HEP	1.63	484	14

Table 2: FR $k = 8$

Method	RF	Time/s	Memory/G
2PS-L	3.72	583	5
HDRF	3.66	330	4
CLUGP	3.39	1765	12
S5P	2.83	1391	6
Greedy	2.70	1686	6
DBH	3.14	110	4
NE	1.46	1277	34
METIS	2.01	2686	341
HEP	2.17	506	13

Table 3: FR $k = 16$

Method	RF	Time/s	Memory/G
2PS-L	5.86	733	5
HDRF	5.57	423	4
CLUGP	5.01	1562	12
S5P	4.63	1346	6
Greedy	3.60	1700	6
DBH	4.78	109	4
NE	1.70	1697	34
METIS	1.17	2787	352
HEP	2.43	557	13

Table 4: FR $k = 32$

Method	RF	Time/s	Memory/G
2PS-L	8.31	606	5
HDRF	8.17	606	4
CLUGP	7.17	2052	12
S5P	7.04	1466	7
Greedy	4.68	1766	6
DBH	7.12	111	4
NE	2.01	2383	34
METIS	2.01	2779	342
HEP	2.59	649	13

Table 5: UK2007 $k = 4$

Method	RF	Time/s	Memory/G
2PS-L	1.63	805	8
HDRF	3.18	126	7
CLUGP	1.45	1986	17
S5P	1.24	1230	9
Greedy	1.70	1892	10
DBH	1.75	110	6
NE	1.01	645	68
METIS	OOM	OOM	OOM
HEP	1.09	279	19

Table 6: UK2007 $k = 8$

Method	RF	Time/s	Memory/G
2PS-L	2.07	806	8
HDRF	5.50	208	7
CLUGP	1.53	2076	17
S5P	1.43	1242	9
Greedy	2.16	2050	10
DBH	2.25	93	6
NE	1.01	1000	68
METIS	OOM	OOM	OOM
HEP	1.11	197	19

Table 7: UK $k = 16$

Method	RF	Time/s	Memory/G
2PS-L	2.47	8446	8
HDRF	8.53	388	7
CLUGP	1.76	2596	18
S5P	1.68	1254	9
Greedy	2.70	2497	10
DBH	3.33	87	7
NE	1.02	995	69
METIS	OOM	OOM	OOM
HEP	1.08	238	20

Table 8: UK $k = 32$

Method	RF	Time/s	Memory/G
2PS-L	3.04	840	9
HDRF	11.5	765	7
CLUGP	1.78	2981	19
S5P	1.75	1254	11.3
Greedy	3.27	2880	11
DBH	4.76	87	7
NE	6	1266	69
METIS	OOM	OOM	OOM
HEP	1.08	257	20