

1_1	1	0	0	0	f GRA		
1_2	2	0	0	0	f GRA		
2_2	2	1	1	1	f GRA		
1_3	3	1	1	1	∞ GRA $\sim f$ RRA		
2_3	3	1	0	0	f GRA		
3_3	3	2	4	4	f GRA		
1_7	3	1	1	1	f GRA		
2_7	3	2	3	3	f GRA		
3_7	3	2	3	3	f GRA		
4_7	3	3	5	5	f GRA		
5_7	3	2	3	1	2	f GRA	
6_7	3	3	7	7	f GRA		
7_7	3	4	11	11	f GRA		
1_{37}	4	3	5	5	∞ RRA $\sim f$ RRA (Hertzel)	\subseteq IA	
2_{37}	4	4	8	8	∞ RRA $\sim f$ RRA (Hertzel)		
3_{37}	4	3	2	2	$\subseteq \mathbf{Em}(\mathbb{Z}_6)$		
4_{37}	4	4	5	5	$\subseteq \mathbf{Em}(\mathbb{Z}_9)$		
5_{37}	4	4	9	9	$\subseteq \mathbf{Em}(\mathbb{Z}_{14})$ (Jipsen)		
6_{37}	4	5	12	12	$\subseteq \mathbf{Em}(\mathbb{Z}_{21})$ (Jipsen)		
7_{37}	4	2	3	3	∞ RRA $\sim f$ RRA		
8_{37}	4	3	5	5	∞ RRA $\sim f$ RRA		
9_{37}	4	2	2	2	$\subseteq \mathbf{Em}(\mathbb{Z}_6)$		
10_{37}	4	3	4	4	$\subseteq \mathbf{Em}(\mathbb{Z}_9)$		
11_{37}	4	3	7	7	$\subseteq \mathbf{Em}(\mathbb{Z}_{14})$ (Jipsen)		
12_{37}	4	4	9	9	$\subseteq \mathbf{Em}(\mathbb{Z}_{21})$ (Jipsen)		
13_{37}	4	4	9	9	∞ RRA $\sim f$ RRA		
14_{37}	4	4	10	0	J M		
15_{37}	4	5	16	16	∞ RRA $\sim f$ RRA		
16_{37}	4	5	15	0	J L M		
17_{37}	4	6	21	20	1		$\subseteq \mathbf{Em}(\mathbb{Z}_{21})$ (Jipsen)
18_{37}	4	1	1	1	$= \mathbf{Em}(\mathbb{Z}_4)$		
19_{37}	4	3	7	7	$\subseteq \mathbf{Em}(\mathbb{Q}_8)$		
20_{37}	4	4	9	9	$\subseteq \mathbf{Em}(\mathbb{Z}_{12})$		
21_{37}	4	5	16	0	M		
22_{37}	4	6	23	23	$\subseteq \mathbf{Em}(\mathbb{Z}_4^2)$ (Jipsen)		
23_{37}	4	3	8	8			
24_{37}	4	4	11	0	M		
25_{37}	4	4	13	0	J L M		
26_{37}	4	5	16	0	J M		
27_{37}	4	4	13	0	J L M		
28_{37}	4	5	19	0	RRA (Comer?)		
						branching \mathbb{Q} non-comm	
						McKenzie's	
						RRA (Maddux)	
						non-comm	
						non-comm	

29 ₃₇	4	5	20	0	J L M	non-comm
30 ₃₇	4	6	26	26		non-comm
31 ₃₇	4	5	18	18	<i>a</i> flexible	
32 ₃₇	4	5	23	22	1 ∈ RA ₅ ~ RA ₆	
33 ₃₇	4	6	32	32	<i>a</i> flexible	
34 ₃₇	4	5	13	0	J L M	
35 ₃₇	4	6	22	22	<i>a</i> flexible	
36 ₃₇	4	6	33	33	⊆ $\mathfrak{Cm}(\mathbb{Z}_{21})$ (Jipsen)	<i>r</i> flexible
37 ₃₇	4	7	42	42	⊆ $\mathfrak{Cm}(7:3)$ (Jipsen)	<i>a, r, r̃</i> flexible
1 ₆₅	4	3	5	5		
2 ₆₅	4	4	8	8		
3 ₆₅	4	4	8	8		
4 ₆₅	4	5	11	11		
5 ₆₅	4	4	8	8		
6 ₆₅	4	5	11	11		
7 ₆₅	4	5	11	11		
8 ₆₅	4	6	14	14		
9 ₆₅	4	4	8	6	2	
10 ₆₅	4	5	13	13		
11 ₆₅	4	6	18	18		
12 ₆₅	4	5	11	9	2	
13 ₆₅	4	6	16	16		
14 ₆₅	4	7	21	21		
15 ₆₅	4	4	9	7	2	
16 ₆₅	4	5	14	14		
17 ₆₅	4	5	12	10	2	
18 ₆₅	4	6	17	17		
19 ₆₅	4	6	19	19		
20 ₆₅	4	7	22	22		
21 ₆₅	4	6	18	0	J M	
22 ₆₅	4	7	25	0	J M	
23 ₆₅	4	8	32	0	J M	
24 ₆₅	4	9	39	39	∞RRA ~ fRRA (my diss)	
25 ₆₅	4	1	1	1	= $\mathfrak{Cm}(\mathbb{Z}_2^2)$	
26 ₆₅	4	3	6	6	= $\mathfrak{Cm}(\mathbb{Z}_6)$	
27 ₆₅	4	5	16	16	= $\mathfrak{Cm}(\mathbb{Z}_{10})$	
28 ₆₅	4	4	11	11		
29 ₆₅	4	6	16	16		
30 ₆₅	4	6	20	20		
31 ₆₅	4	7	25	25		
32 ₆₅	4	6	25	25		
33 ₆₅	4	7	30	30		

34_{65}	4	8	35	35			
35_{65}	4	6	19	0		M	
36_{65}	4	7	23	0		M	
37_{65}	4	7	29	0		M	
38_{65}	4	8	33	0			
39_{65}	4	4	8	4	4		
40_{65}	4	5	12	0		J L M	
41_{65}	4	6	16	0		J L M	
42_{65}	4	7	20	0		J L M	
43_{65}	4	5	15	0		J L M	
44_{65}	4	6	22	0			
45_{65}	4	6	22	0			
46_{65}	4	7	29	29			
47_{65}	4	6	19	0		J L M	
48_{65}	4	7	26	0		M	
49_{65}	4	7	26	0		M	
50_{65}	4	8	33	0		M	
51_{65}	4	6	22	18	4		
52_{65}	4	7	29	29			
53_{65}	4	8	36	36			
54_{65}	4	6	24	0		J L	
55_{65}	4	7	34	34		$\subseteq \mathfrak{Cm}(5:4)$ (Jipsen)	a flexible
56_{65}	4	7	31	27	4	∞RRA (Lukacs)	
57_{65}	4	8	41	41		$f\text{RRA}$ on $\binom{8}{3}$	a flexible
58_{65}	4	7	31	0		J L	
59_{65}	4	8	41	41			a flexible
60_{65}	4	8	38	35	3	$\in \text{RA}_5 \sim \text{RA}_6$	
61_{65}	4	9	48	48		$\subseteq \mathfrak{Cm}(7:3)$ (Jipsen)	$f\text{RRA}$ on $\binom{9}{3}$
62_{65}	4	7	36	36		$\subseteq \mathfrak{Cm}(\mathbb{Z}_{13})$	$\notin \infty\text{RRA}$
63_{65}	4	8	46	46		$\subseteq \mathfrak{Cm}(D_{20})$ (Jipsen)	a flexible
64_{65}	4	9	56	56		$\subseteq \mathfrak{Cm}(\mathbb{Z}_{25})$ (Jipsen)	a, b flexible
65_{65}	4	10	66	66		$\subseteq \mathfrak{Cm}(\mathbb{Z}_{19})$ (Jipsen)	a, b, c flexible
1_{83}	5	2	1	1			
2_{83}	5	4	8	8			
3_{83}	5	4	5	5			
4_{83}	5	5	12	12			
5_{83}	5	4	7	7			
6_{83}	5	5	13	13			
7_{83}	5	4	4	4			
8_{83}	5	5	11	11			

9 ₈₃	5	5	10	10	
10 ₈₃	5	6	17	17	
11 ₈₃	5	4	8	8	
12 ₈₃	5	5	15	15	
13 ₈₃	5	6	21	21	
14 ₈₃	5	5	17	17	
15 ₈₃	5	6	27	0	M
16 ₈₃	5	7	37	37	
17 ₈₃	5	6	24	24	
18 ₈₃	5	7	34	0	M
19 ₈₃	5	8	44	44	
20 ₈₃	5	6	16	16	
21 ₈₃	5	7	36	36	
22 ₈₃	5	8	58	0	M
23 ₈₃	5	8	41	0	L M
24 ₈₃	5	9	72	0	M
25 ₈₃	5	8	45	0	J L M
26 ₈₃	5	9	67	0	J M
27 ₈₃	5	9	50	0	J L M
28 ₈₃	5	10	81	0	J M
29 ₈₃	5	5	14	14	
30 ₈₃	5	6	19	19	
31 ₈₃	5	6	24	24	
32 ₈₃	5	7	32	32	
33 ₈₃	5	7	39	0	
34 ₈₃	5	8	52	52	
35 ₈₃	5	8	55	0	J L M
36 ₈₃	5	9	87	0	
37 ₈₃	5	9	64	0	J L M
38 ₈₃	5	10	105	0	
39 ₈₃	5	9	70	0	J L M
40 ₈₃	5	10	102	102	
41 ₈₃	5	10	79	0	J L M
42 ₈₃	5	11	120	120	
43 ₈₃	5	6	24	24	
44 ₈₃	5	7	30	28	2
45 ₈₃	5	8	36	34	2
46 ₈₃	5	7	40	40	
47 ₈₃	5	7	28	0	J M
48 ₈₃	5	8	50	50	
49 ₈₃	5	7	37	0	J M
50 ₈₃	5	8	61	61	

51 ₈₃	5	8	44	0		M
52 ₈₃	5	9	77	77		
53 ₈₃	5	8	45	0		J L M
54 ₈₃	5	9	69	61	8	
55 ₈₃	5	9	52	0		J L M
56 ₈₃	5	10	85	77	8	
57 ₈₃	5	7	41	41		
58 ₈₃	5	8	64	64		
59 ₈₃	5	8	57	43	14	
60 ₈₃	5	9	69	55	14	
61 ₈₃	5	8	29	21	8	
62 ₈₃	5	9	55	0		
63 ₈₃	5	10	81	81		
64 ₈₃	5	8	58	0		M
65 ₈₃	5	9	90	84	6	
66 ₈₃	5	9	79	79		
67 ₈₃	5	9	67	0		M
68 ₈₃	5	10	108	108		
69 ₈₃	5	9	70	70		
70 ₈₃	5	9	72	0		M
71 ₈₃	5	10	104	104		
72 ₈₃	5	9	47	0		J L M
73 ₈₃	5	10	88	88		
74 ₈₃	5	10	81	0		
75 ₈₃	5	11	122	122		
76 ₈₃	5	9	90	88	2	
77 ₈₃	5	10	132	132		
78 ₈₃	5	10	112	112		
79 ₈₃	5	10	103	103		
80 ₈₃	5	11	154	154		
81 ₈₃	5	10	74	0		J
82 ₈₃	5	11	125	125		
83 ₈₃	5	12	176	176		