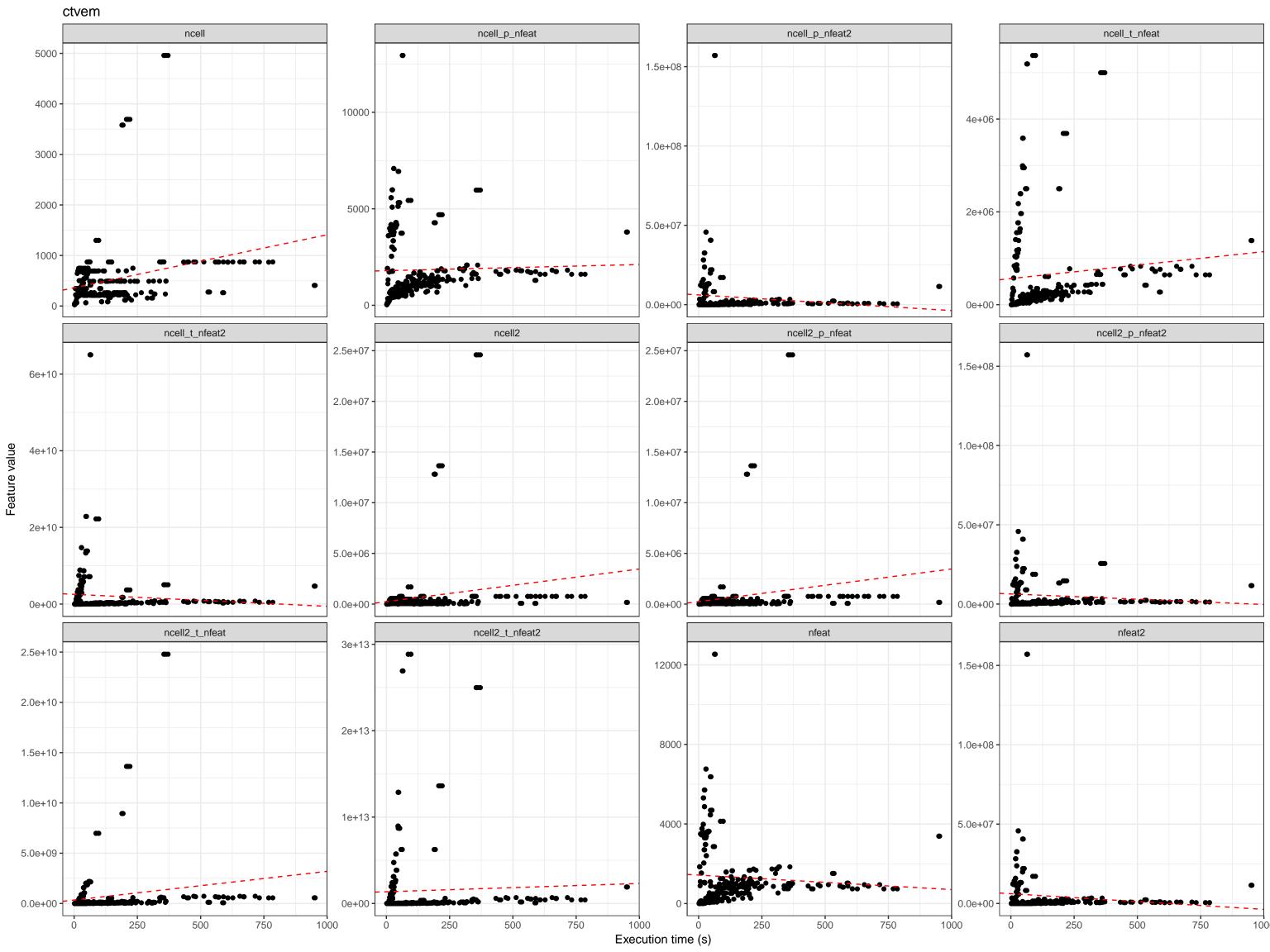
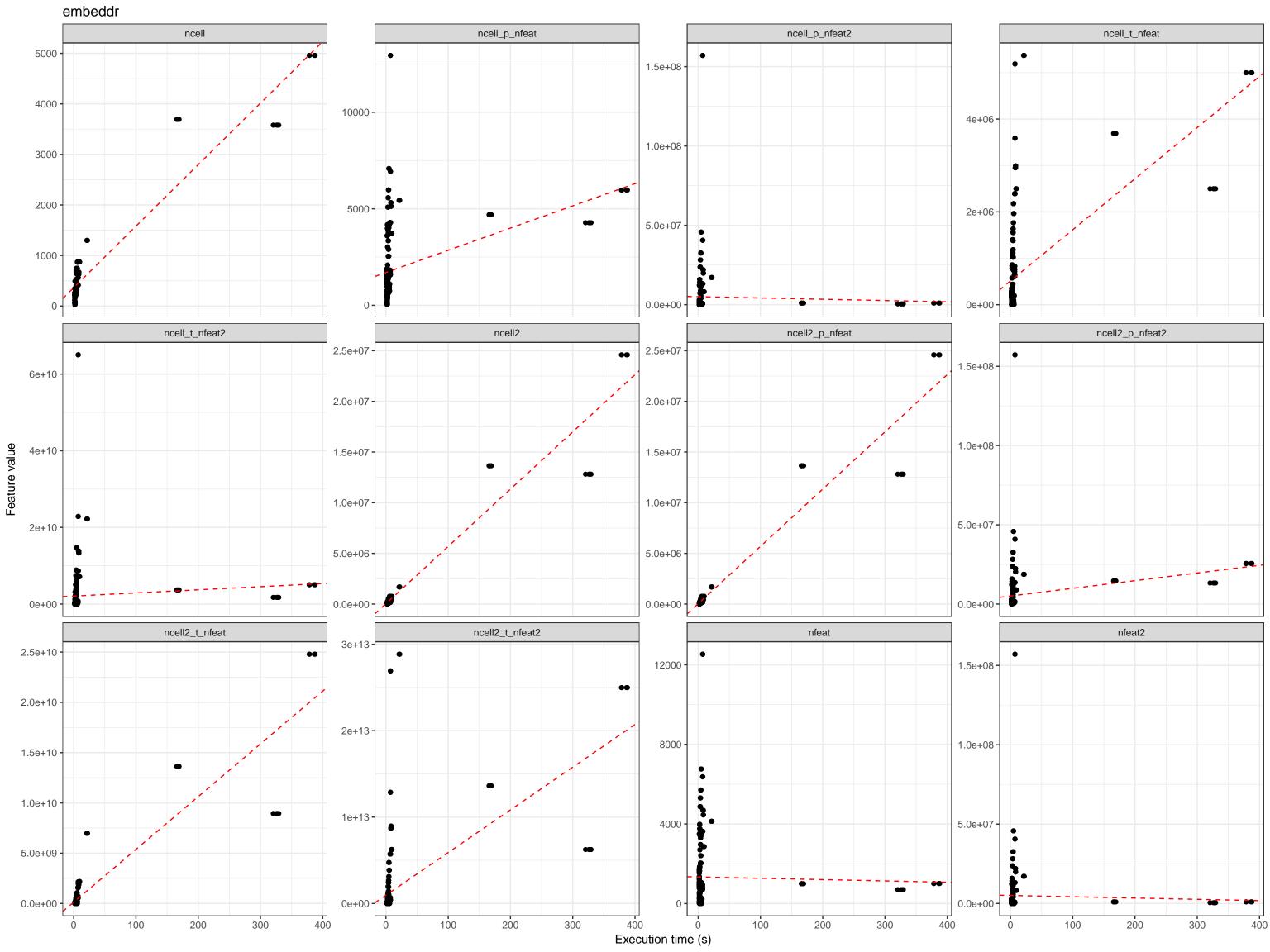
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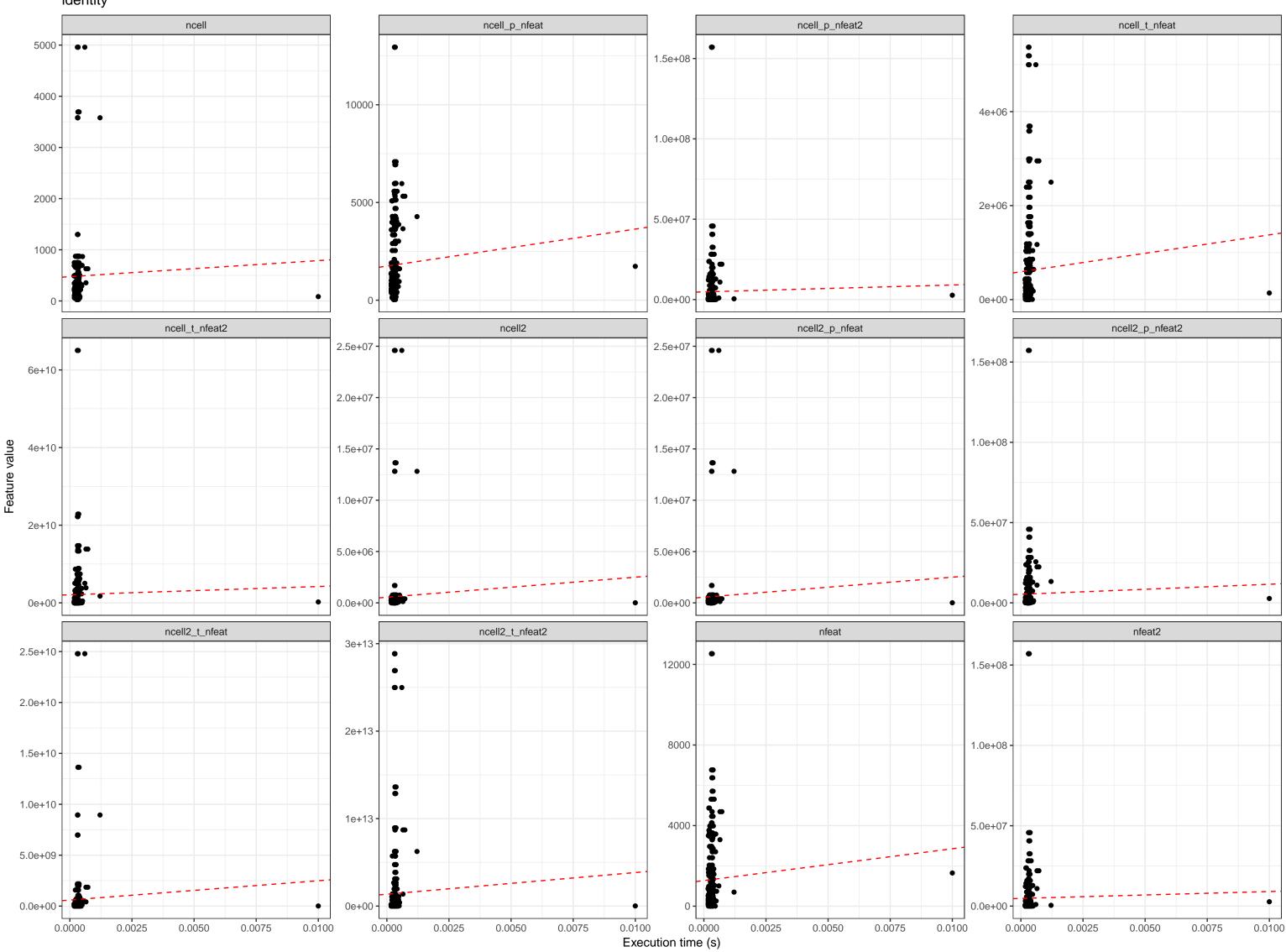
ctmaptpx ncell_p_nfeat ncell_p_nfeat2 ncell_t_nfeat ncell 5000 1.5e+08 4000 -10000 4e+06 -1.0e+08 3000 -2000 5000 2e+06 5.0e+07 1000 0.0e+00 ncell_t_nfeat2 ncell2 ncell2_p_nfeat ncell2_p_nfeat2 2.5e+07 2.5e+07 1.5e+08 6e+10 -2.0e+07 2.0e+07 1.0e+08 -Feature value 4e+10 -1.5e+07 1.5e+07 1.0e+07 1.0e+07 5.0e+07 2e+10 -5.0e+06 5.0e+06 0e+00 0.0e+00 0.0e+00 0.0e+00 ncell2_t_nfeat ncell2_t_nfeat2 nfeat nfeat2 3e+13 2.5e+10 12000 1.5e+08 2.0e+10 2e+13 8000 1.0e+08 1.5e+10 -1.0e+10 -1e+13 4000 5.0e+07 5.0e+09 -0.0e+00 -8000 4000 8000 2000 4000 6000 2000 4000 6000 8000 2000 6000 8000 2000 4000 6000 Execution time (s)

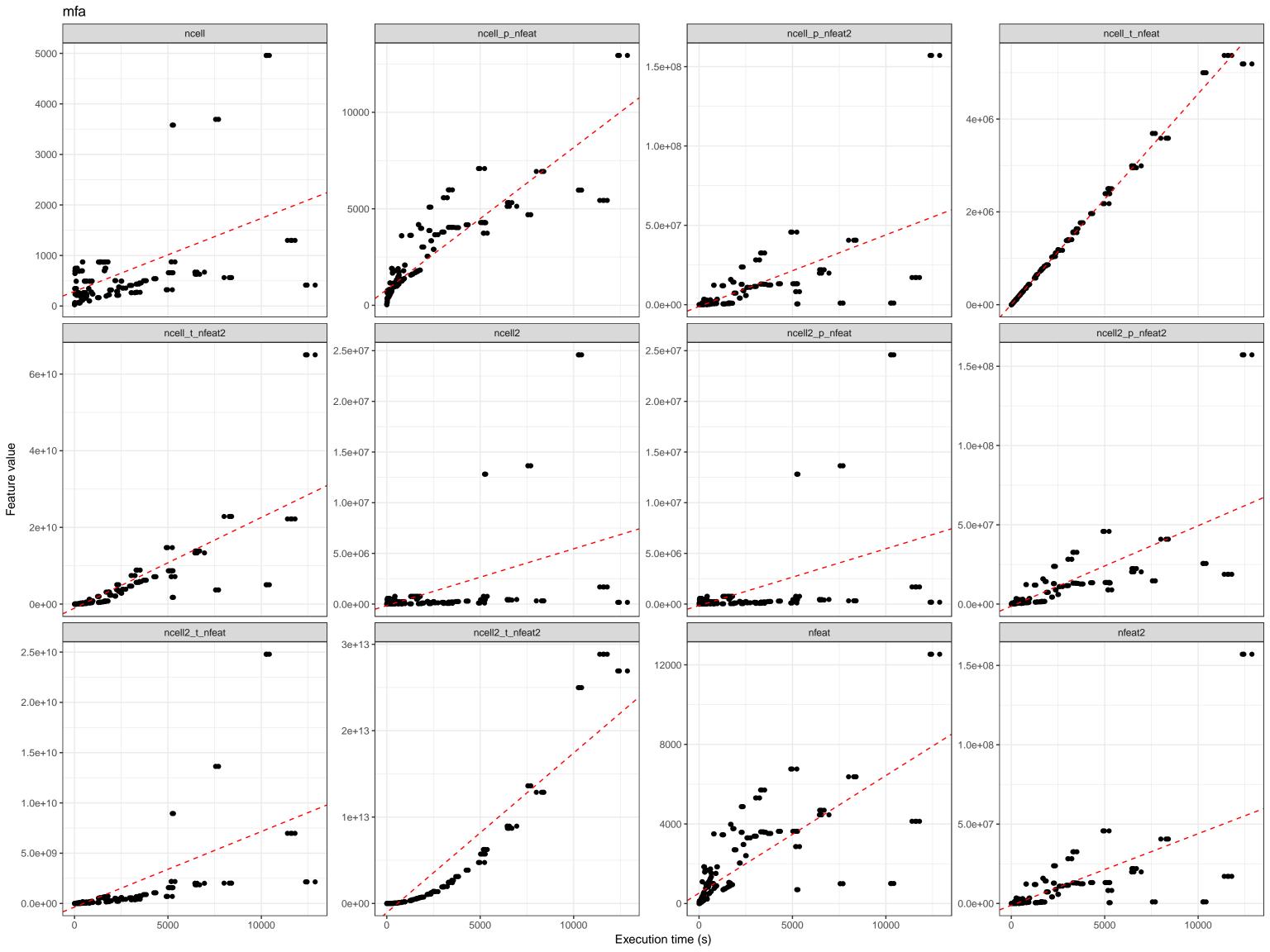


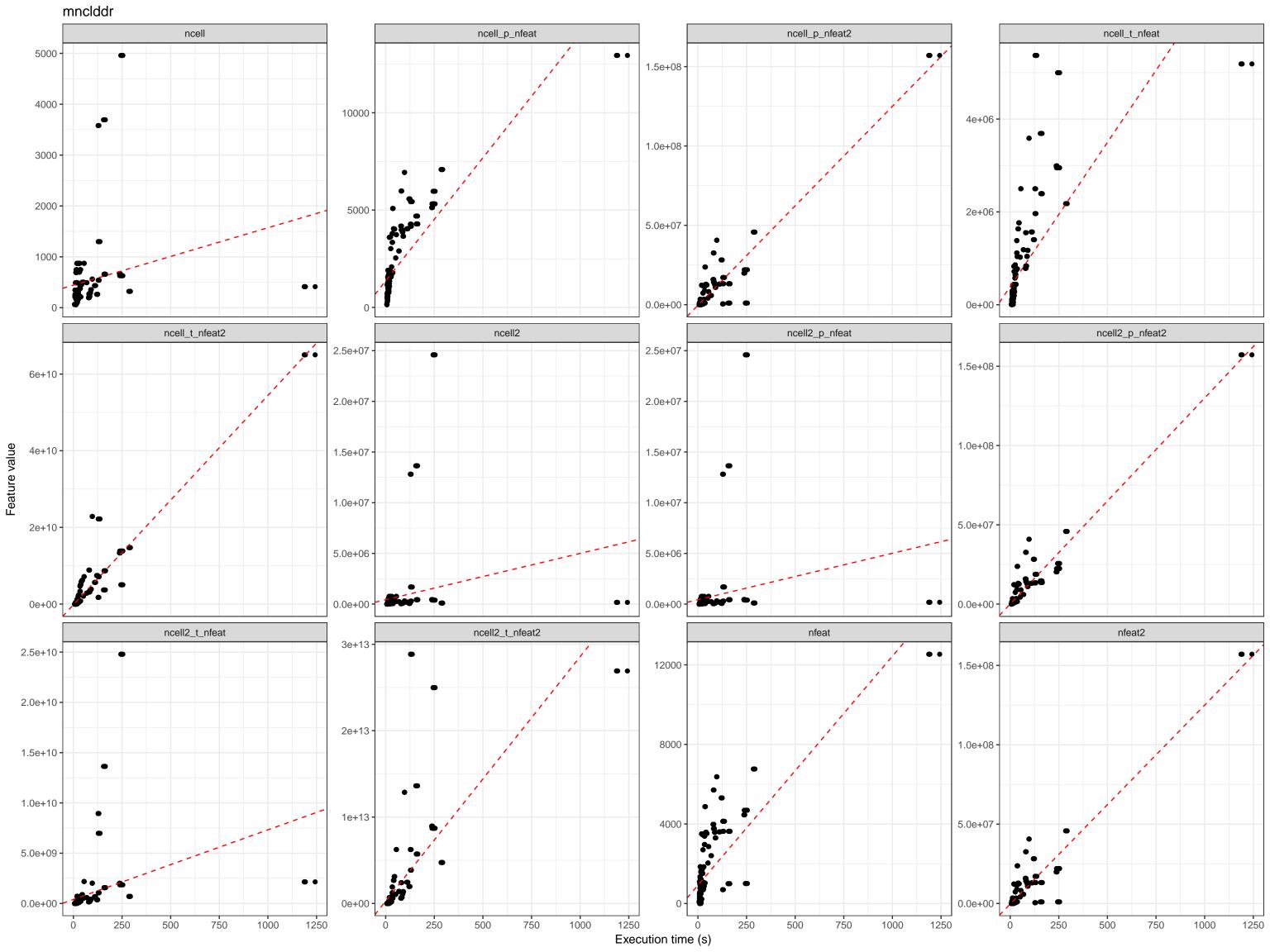


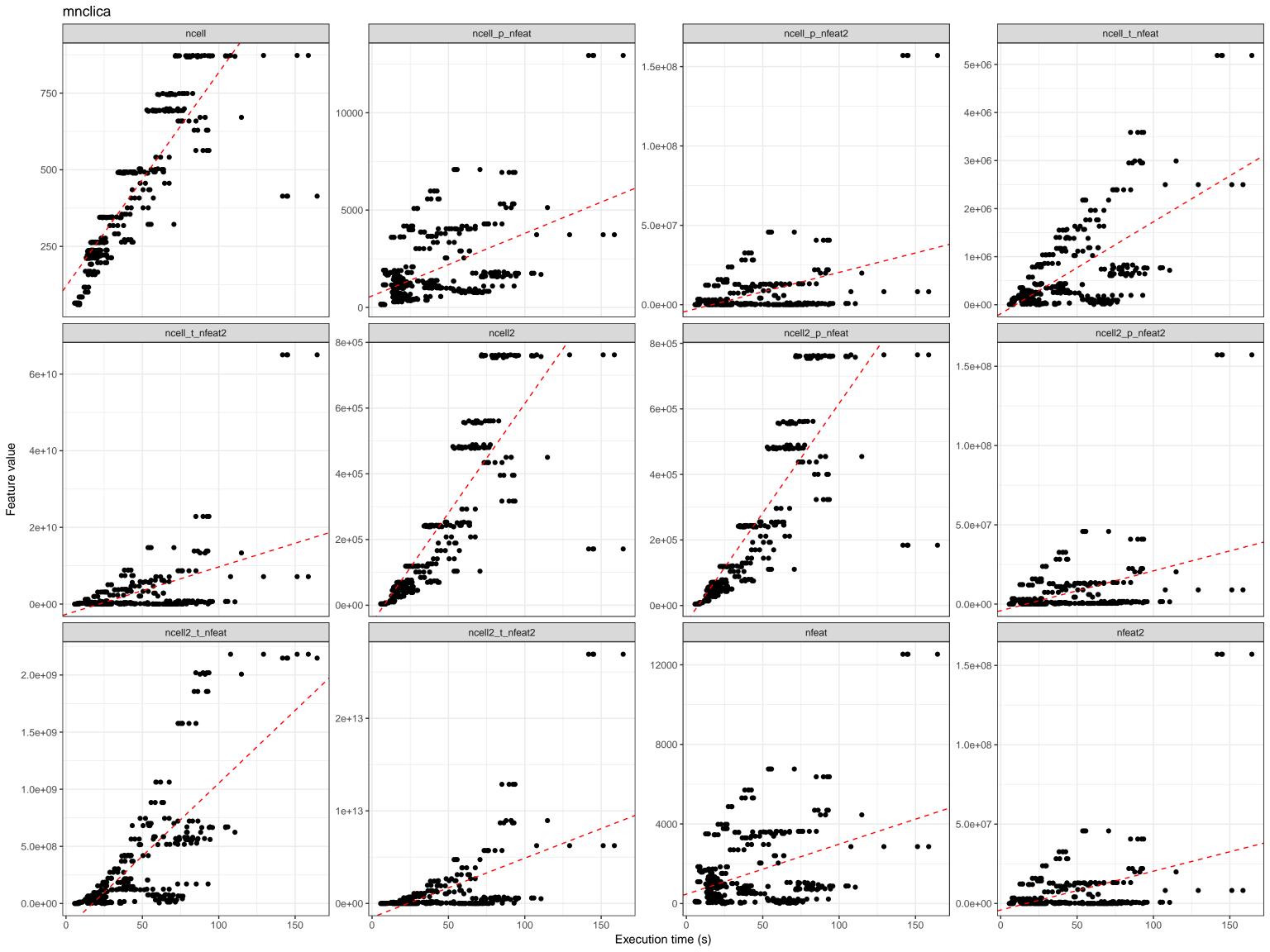
gpfates ncell ncell_p_nfeat ncell_p_nfeat2 ncell_t_nfeat 1.5e+08 3000 10000 -4e+06 1.0e+08 2000 -5000 2e+06 5.0e+07 1000 -0.0e+00 ncell_t_nfeat2 ncell2 ncell2_p_nfeat ncell2_p_nfeat2 1.5e+08 6e+10-1e+07 1e+07 Feature value 1.0e+08 5e+06 5e+06 5.0e+07 2e+10 -0.0e+00 0e+00 0e+00 ncell2_t_nfeat ncell2_t_nfeat2 nfeat nfeat2 3e+13 12000 1.5e+08 1e+10 2e+13 8000 1.0e+08 5e+09 -1e+13 5.0e+07 4000 0.0e+00 4000 4000 2000 8000 2000 6000 8000 2000 6000 8000 4000 6000 8000 2000 4000 6000 Execution time (s)

identity









mpath ncell_p_nfeat2 ncell_p_nfeat ncell ncell_t_nfeat 5000 -• • • •• 1.5e+08 4000 -10000 4e+06 -1.0e+08 3000 -2000 -5000 2e+06 5.0e+07 1000 -• • 0.0e+00 ncell_t_nfeat2 ncell2 ncell2_p_nfeat ncell2_p_nfeat2 2.5e+07 2.5e+07 1.5e+08 6e+10 -2.0e+07 2.0e+07 1.0e+08 -Feature value 4e+10 -1.5e+07 1.5e+07 • •• • •• 1.0e+07 1.0e+07 5.0e+07 -2e+10 -5.0e+06 5.0e+06 • • 0.0e+00 0.0e+00 0.0e+00 ncell2_t_nfeat ncell2_t_nfeat2 nfeat nfeat2 3e+13 2.5e+10 -12000 1.5e+08 2.0e+10 2e+13 8000 1.0e+08 -1.5e+10 -1.0e+10 1e+13 · 4000 5.0e+07 5.0e+09 -• 0.0e+00 0e+00 0.0e+00

0.02

0.01

0.03

Execution time (s)

0.01

0.02

0.01

0.03

0.03

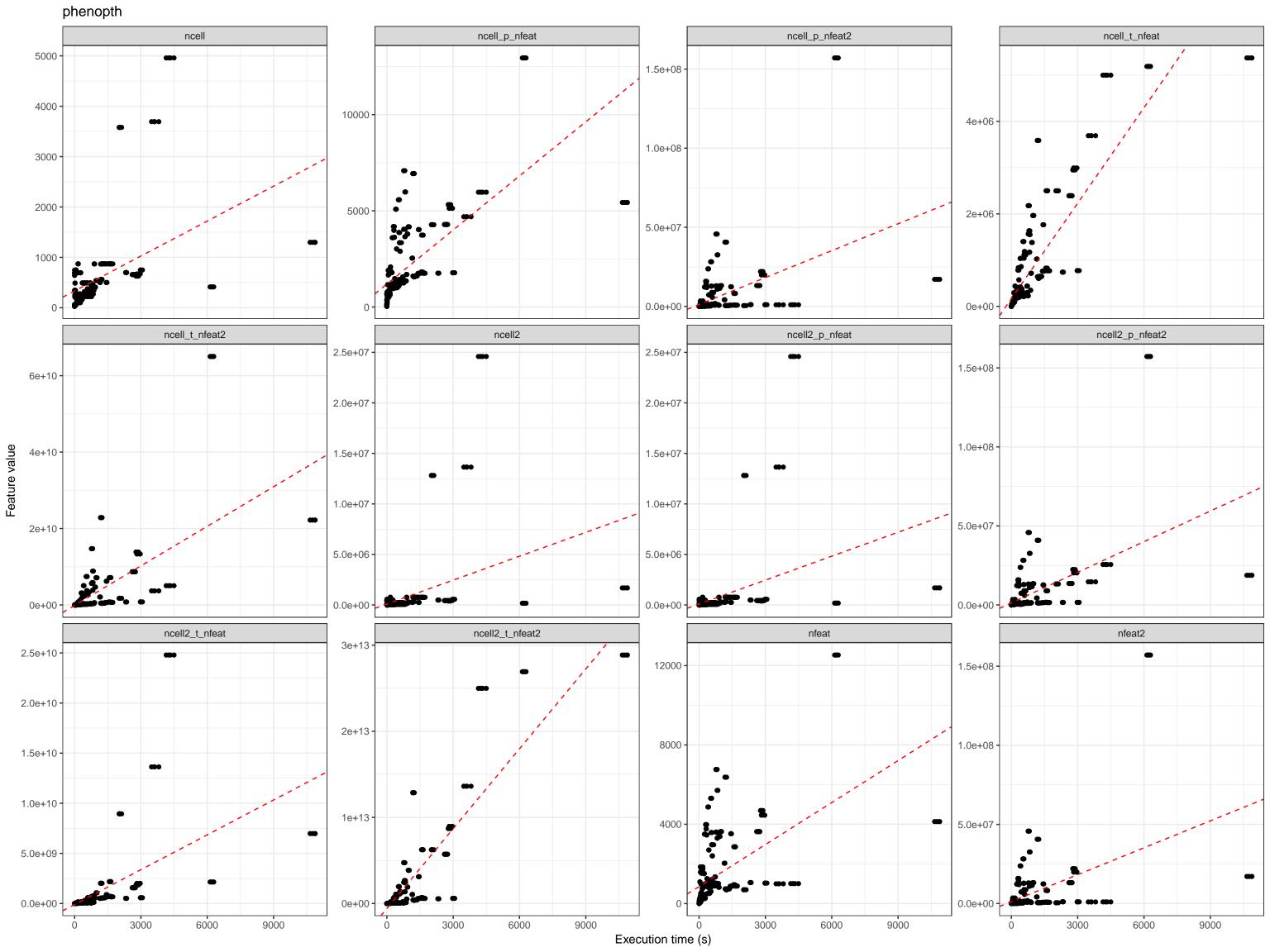
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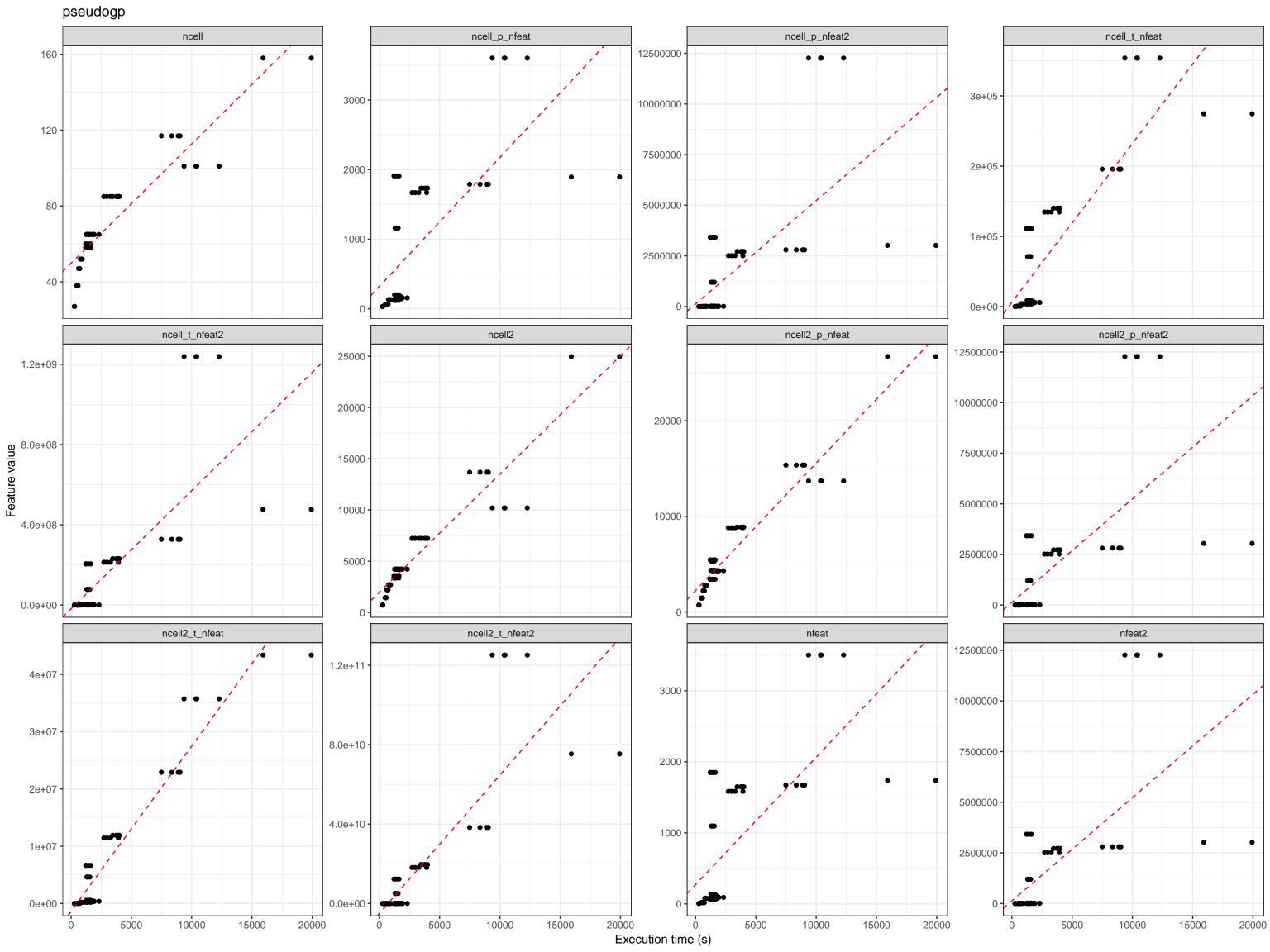
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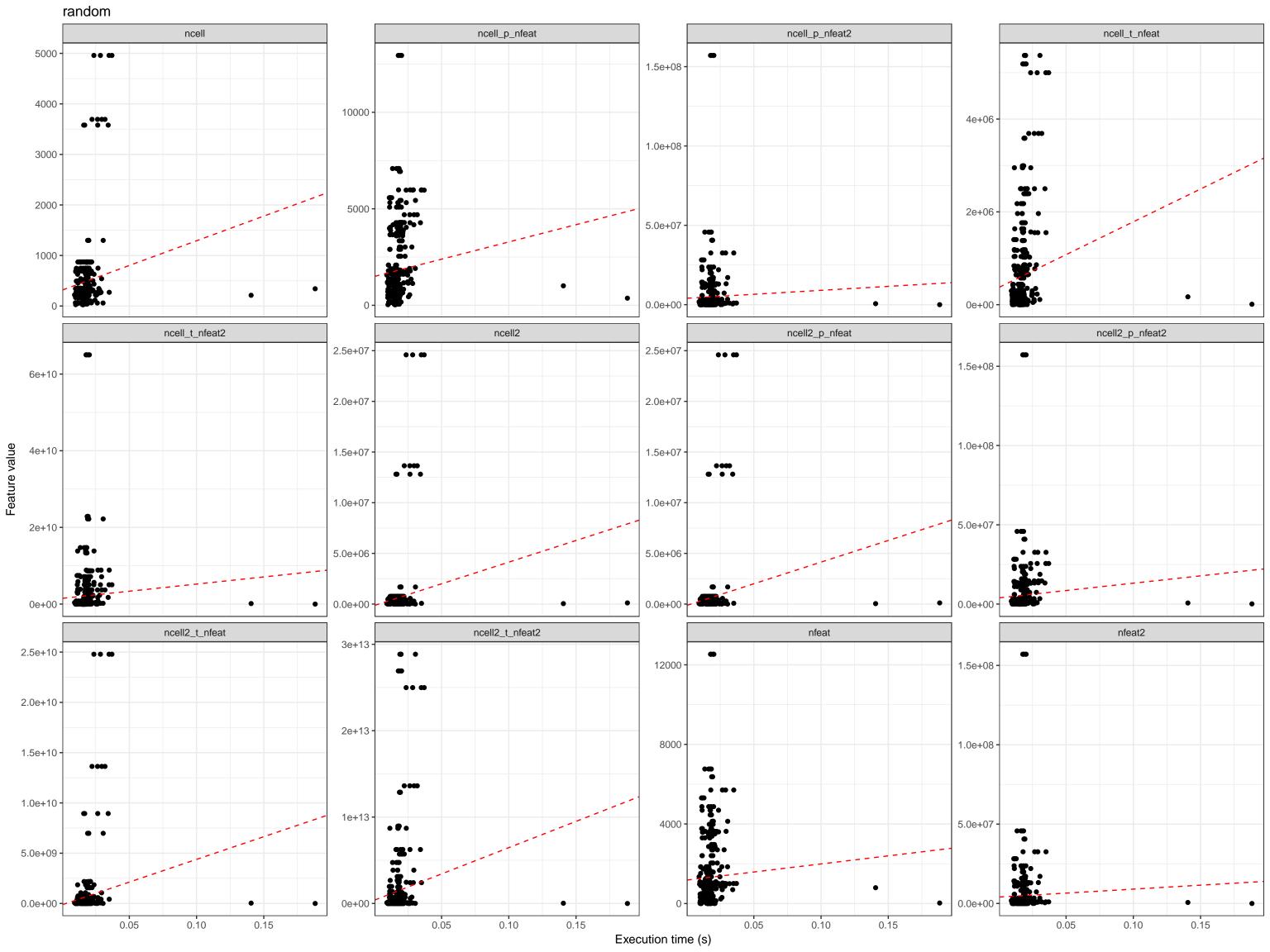
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0.02

ouijaflw ncell ncell_p_nfeat ncell_p_nfeat2 ncell_t_nfeat 3e+06 750 -3e+05 1500 -2e+06 500 2e+05 1000 -1e+06 250 ncell_t_nfeat2 ncell2 ncell2_p_nfeat ncell2_p_nfeat2 4e+08 3e+06 3e+08 Feature value 2e+06 4e+05 4e+05 2e+08 2e+05 2e+05 1e+08 ncell2_t_nfeat ncell2_t_nfeat2 nfeat2 3e+06 1.5e+08 -1500 1e+11 2e+06 1.0e+08 -1000 5e+10 1e+06 5.0e+07 500 0.0e+00 -120 160 160 120 120 160 120 Execution time (s)







0e+00 -

5000

10000

5000

10000

0e+00 -

5000

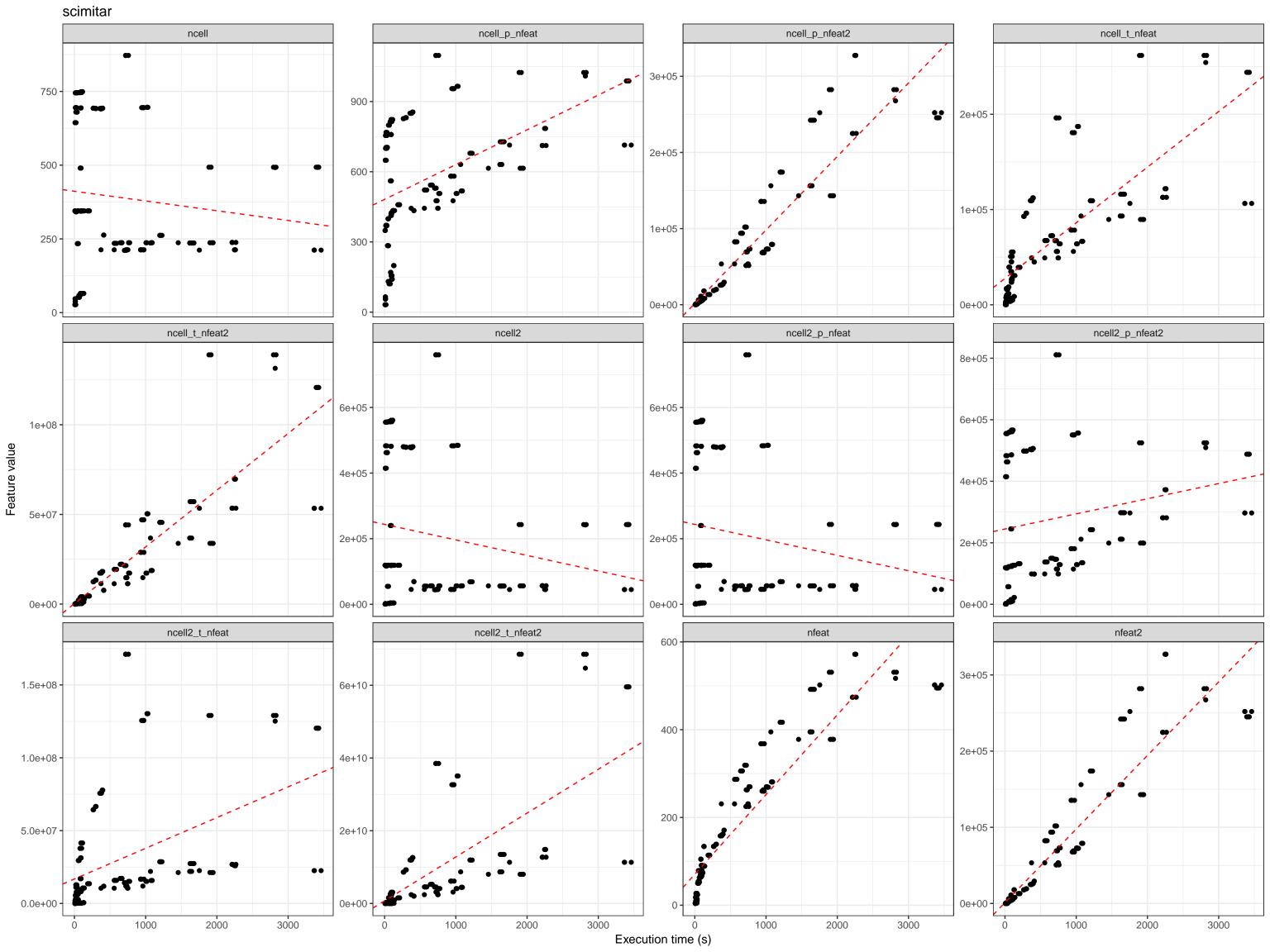
10000

0e+00

5000

10000

Execution time (s)



scorpius ncell ncell_p_nfeat ncell_p_nfeat2 ncell_t_nfeat 5000 • 1.5e+08 4000 10000 4e+06 -1.0e+08 3000 -2000 -5000 2e+06 5.0e+07 1000 -0.0e+00 0e+00 ncell2_p_nfeat2 ncell_t_nfeat2 ncell2 ncell2_p_nfeat 2.5e+07 2.5e+07 1.5e+08 6e+10 -2.0e+07 2.0e+07 Feature value 1.0e+08 4e+10 -1.5e+07 1.5e+07 1.0e+07 1.0e+07 5.0e+07 -2e+10 5.0e+06 5.0e+06 0e+00 0.0e+00 0.0e+00 0.0e+00 ncell2_t_nfeat ncell2_t_nfeat2 nfeat nfeat2 3e+13 2.5e+10 12000 1.5e+08 2.0e+10 2e+13 8000 1.0e+08 -1.5e+10 1.0e+10 -1e+13 4000 5.0e+07 5.0e+09 -0e+00 0.0e+00 -0.0e+00 100 200 300 100 200 300 300 100 200 300 100 200 Execution time (s)

20000

5000

10000

15000

5000

10000

15000

20000

Execution time (s)

10000

15000

20000

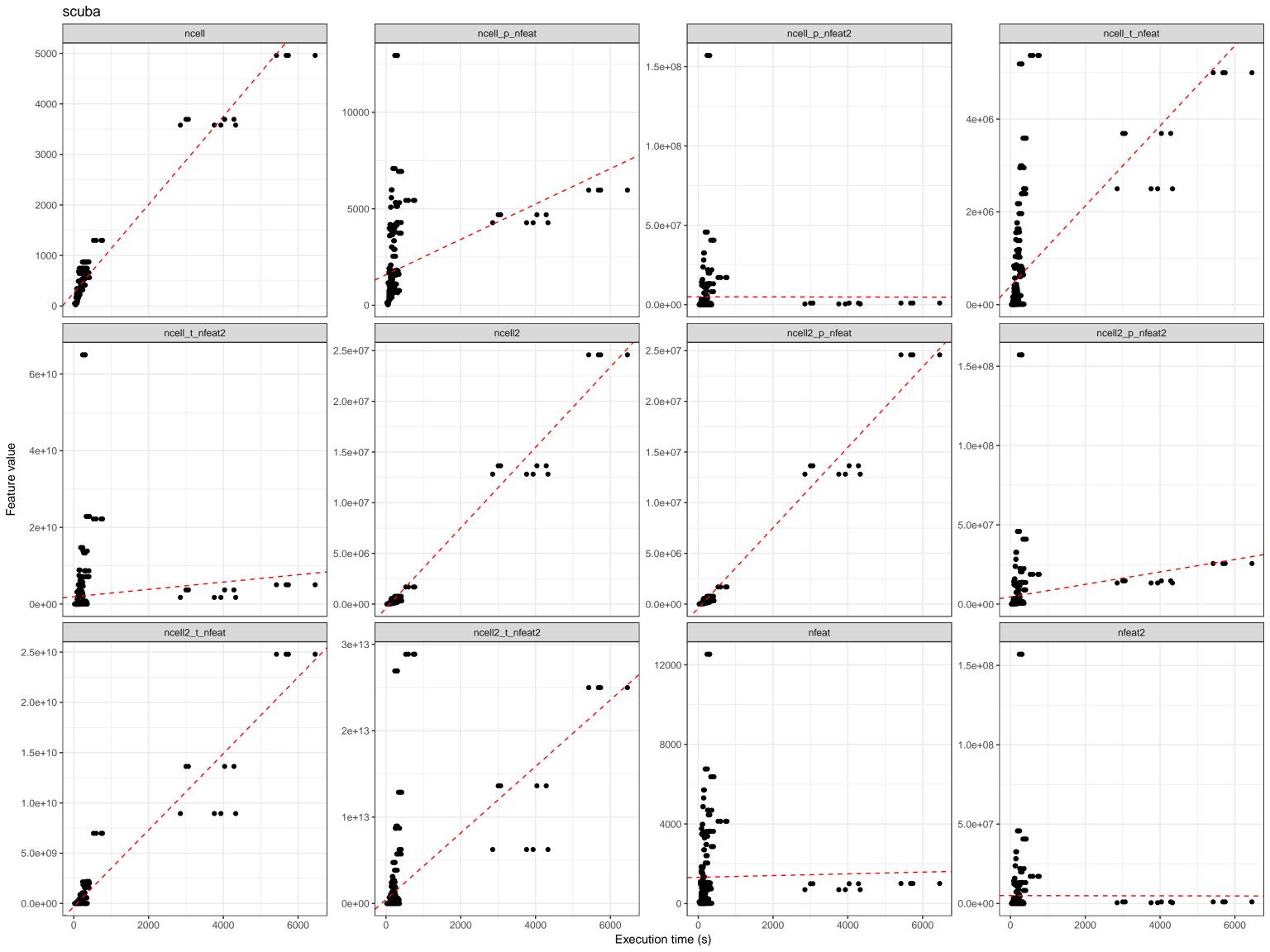
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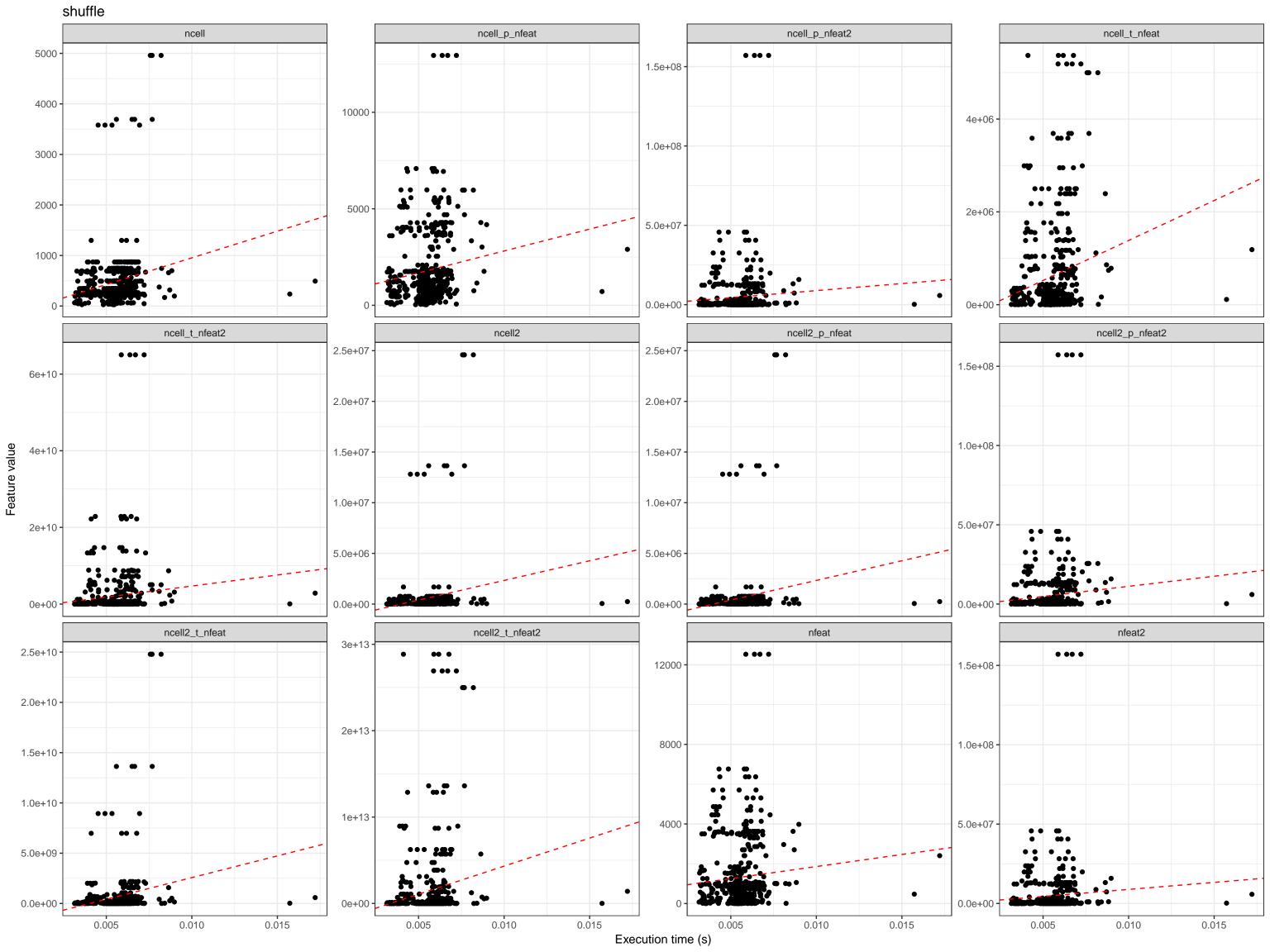
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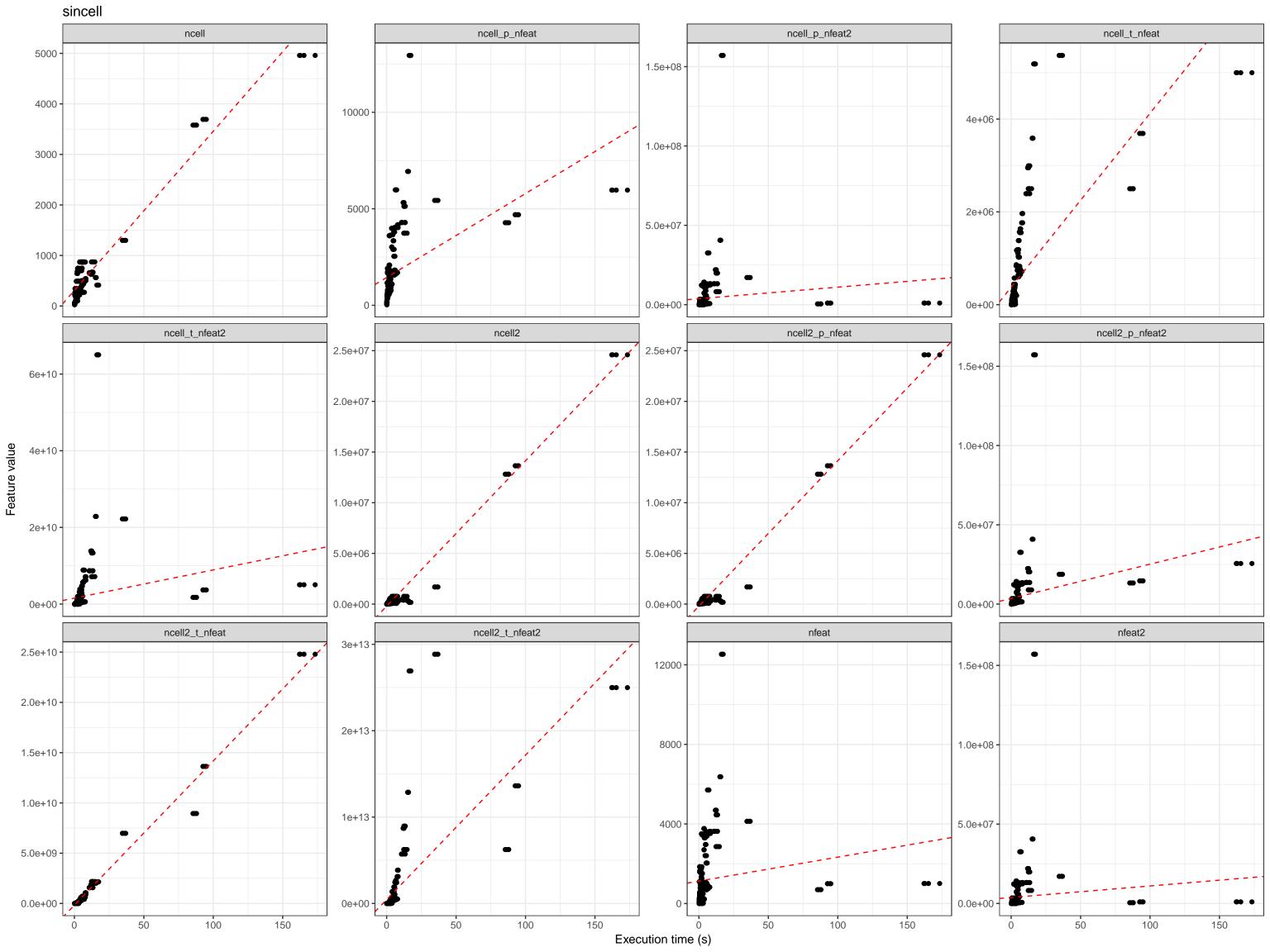
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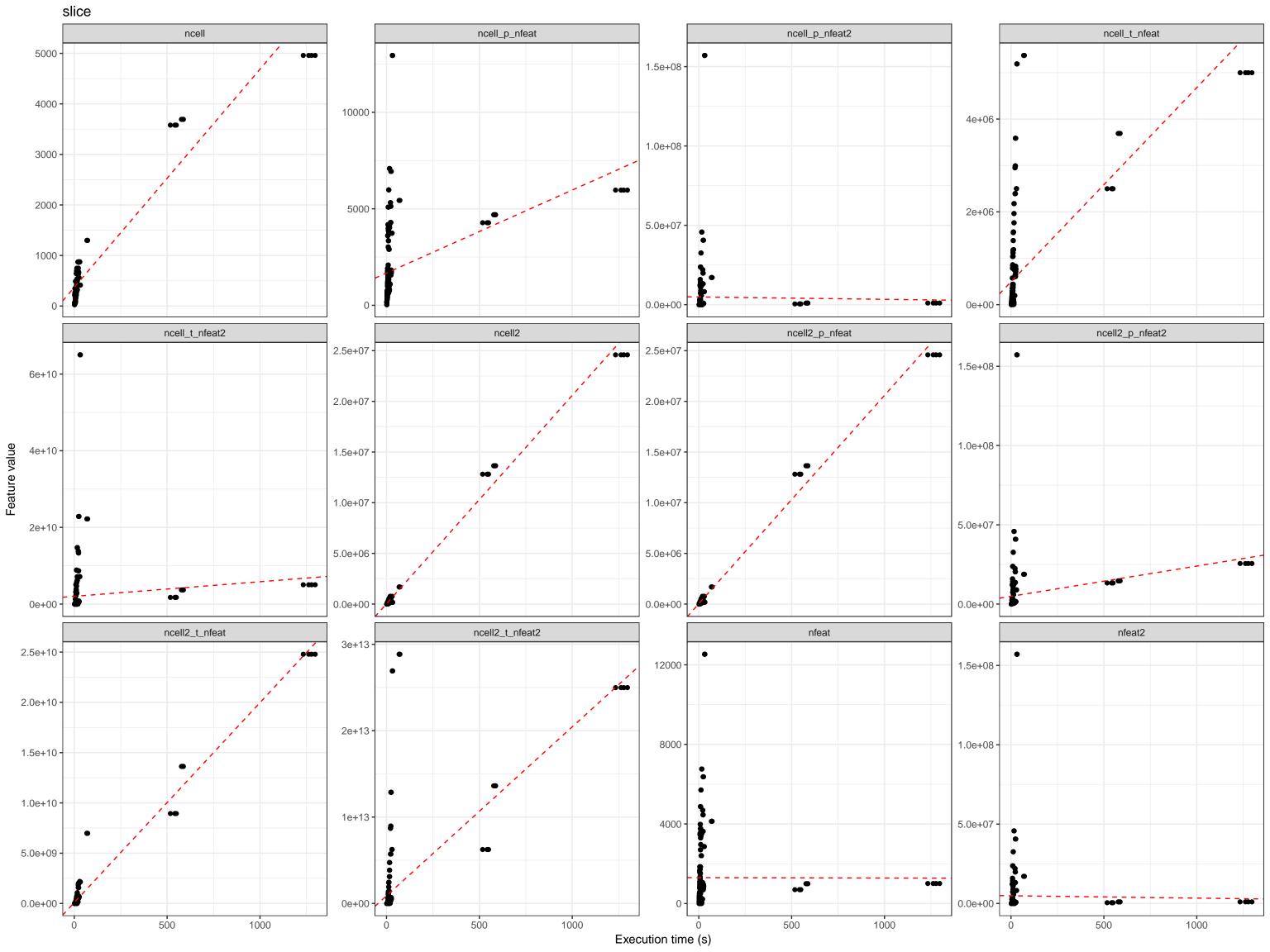
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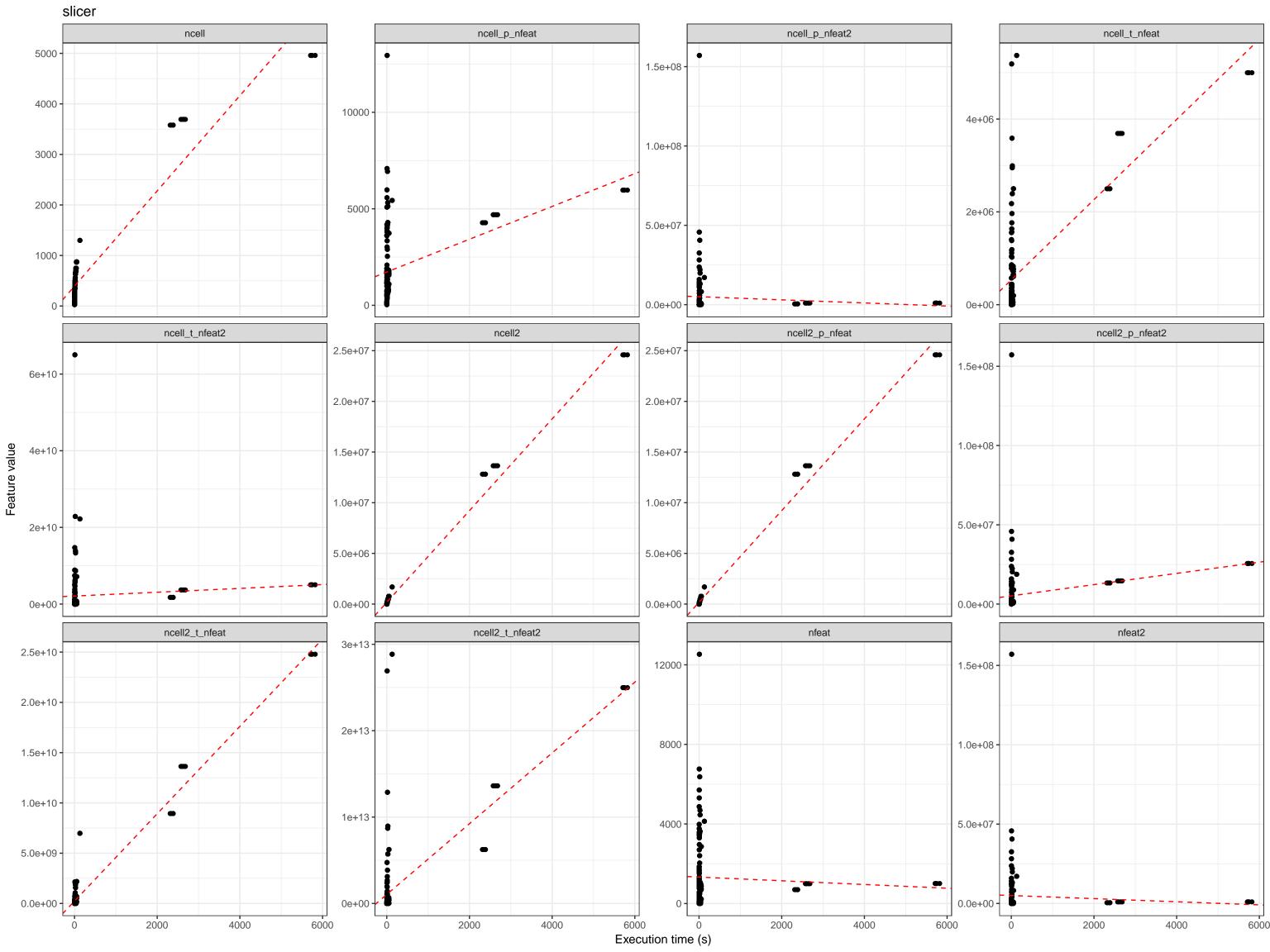
20000











slngsht ncell ncell_p_nfeat ncell_p_nfeat2 ncell_t_nfeat 5000 1.5e+08 4000 -10000 -4e+06 -7 ••• 1.0e+08 3000 2000 -5000 2e+06 -5.0e+07 1000 -0.0e+00 ncell_t_nfeat2 ncell2 ncell2_p_nfeat ncell2_p_nfeat2 2.5e+07 2.5e+07 1.5e+08 -6e+10-2.0e+07 2.0e+07 1.0e+08 -Feature value 4e+10 1.5e+07 1.5e+07 1.0e+07 1.0e+07 5.0e+07 2e+10-5.0e+06 5.0e+06 0.0e+00 0.0e+00 0.0e+00 ncell2_t_nfeat ncell2_t_nfeat2 nfeat nfeat2 3e+13 2.5e+10 12000 1.5e+08 2.0e+10 2e+13 8000 1.0e+08 -1.5e+10 -1.0e+10 -1e+13 4000 5.0e+07 5.0e+09 0.0e+00 0e+00 0.0e+00 20 30 10 20 30 20 10 20 30 10 10 30

Execution time (s)

