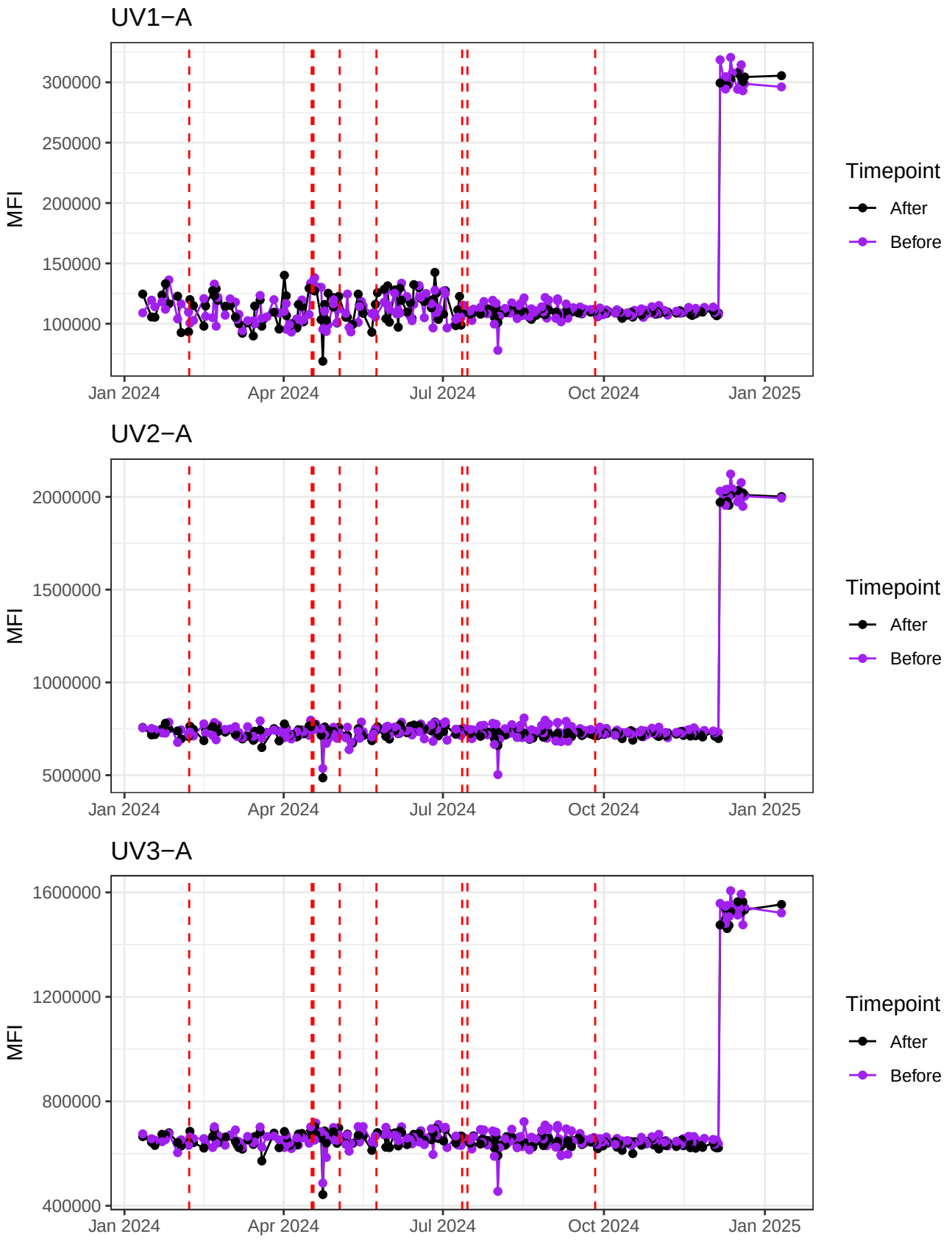
UV1−A
MFI
300000
250000
200000
150000
100000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV2−A
MFI
2000000
1500000
1000000
500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV3−A
MFI
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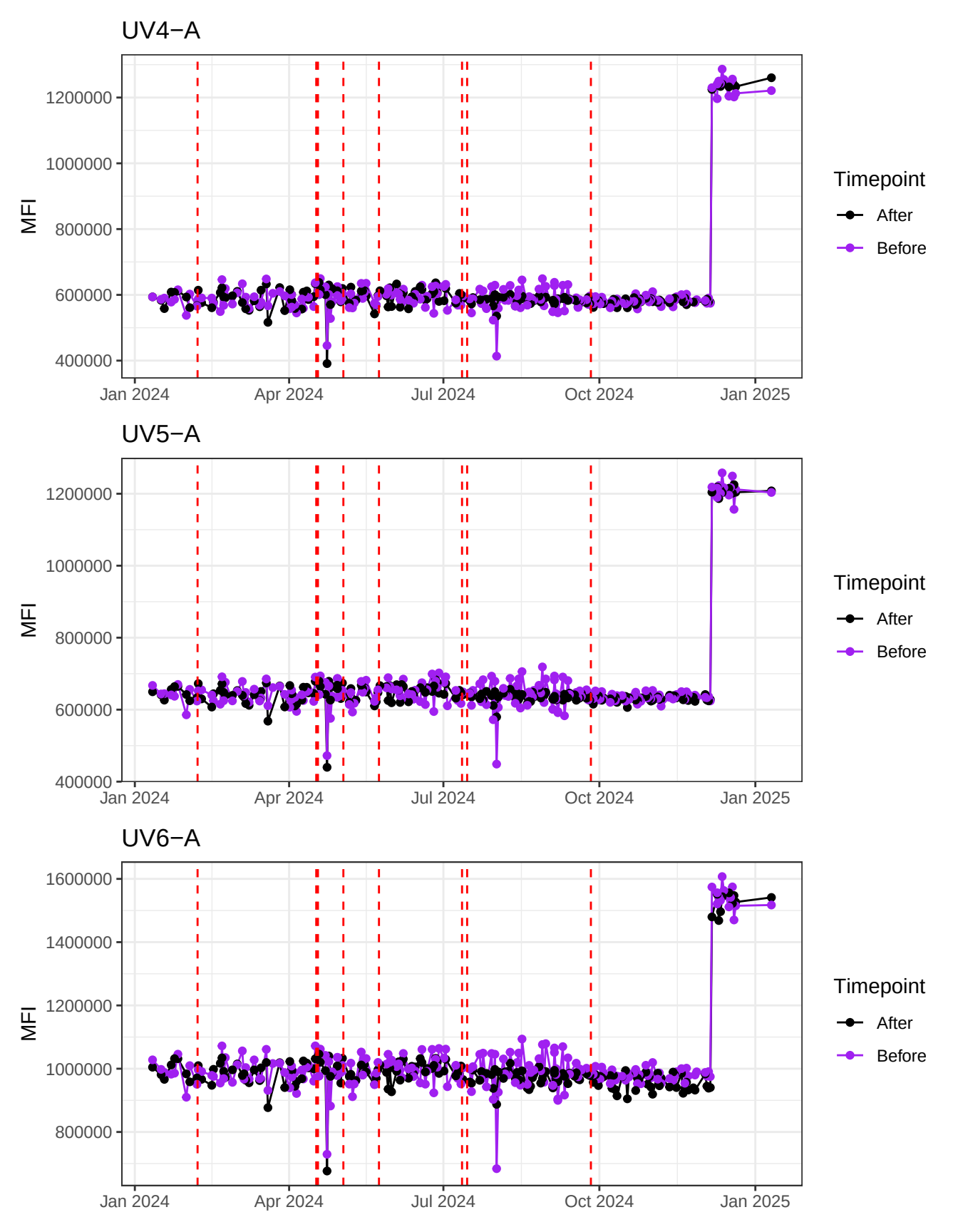
1200000
800000
400000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


UV4−A
MFI
1200000
1000000
800000
600000
400000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV5−A
MFI
1200000
1000000
800000
600000
400000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV6−A
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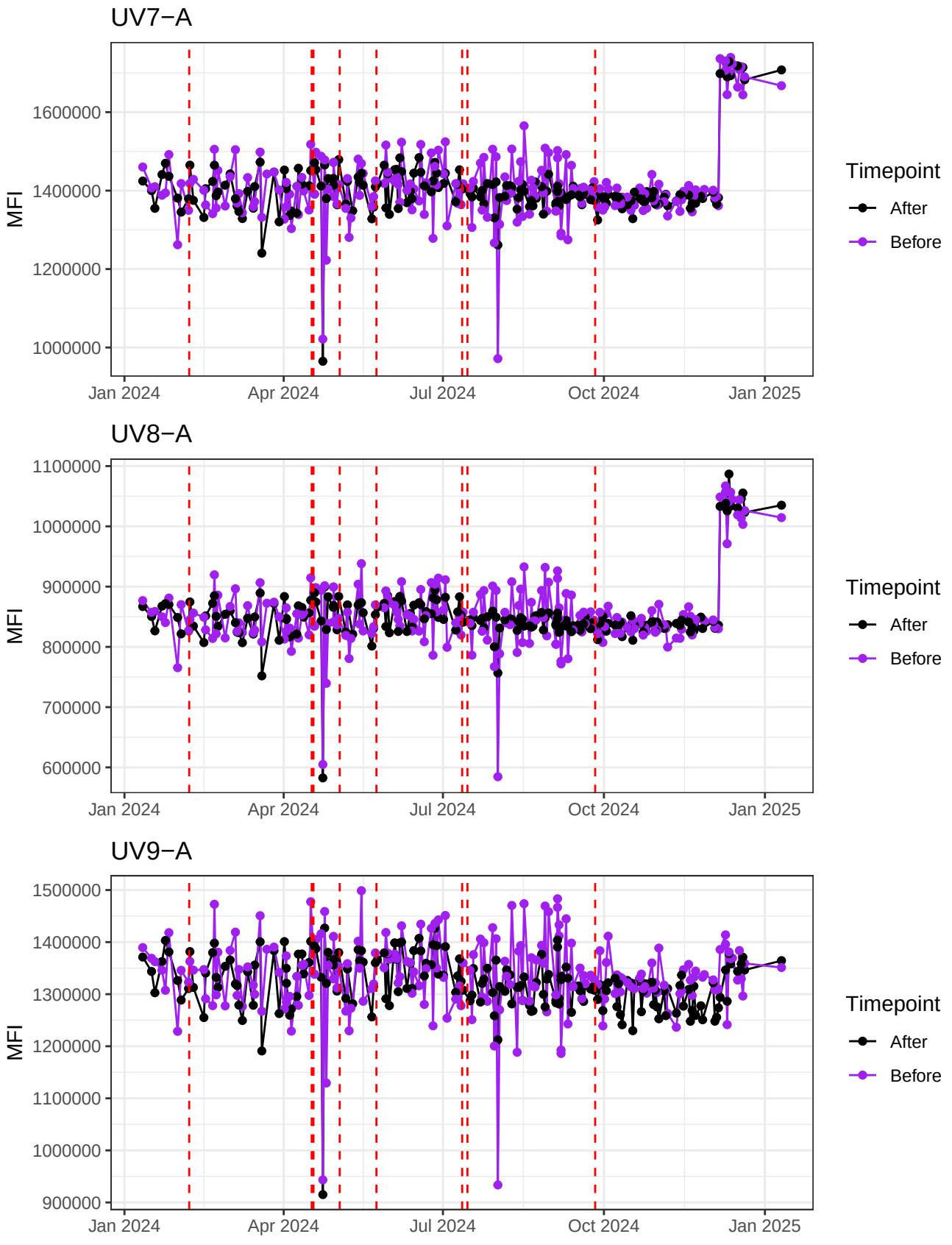
1200000
1000000
800000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


UV7−A
MFI
1600000
1400000
1200000
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV8−A
MFI
1100000
1000000
900000
800000
700000
600000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV9−A
MFI
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1100000
1000000
900000
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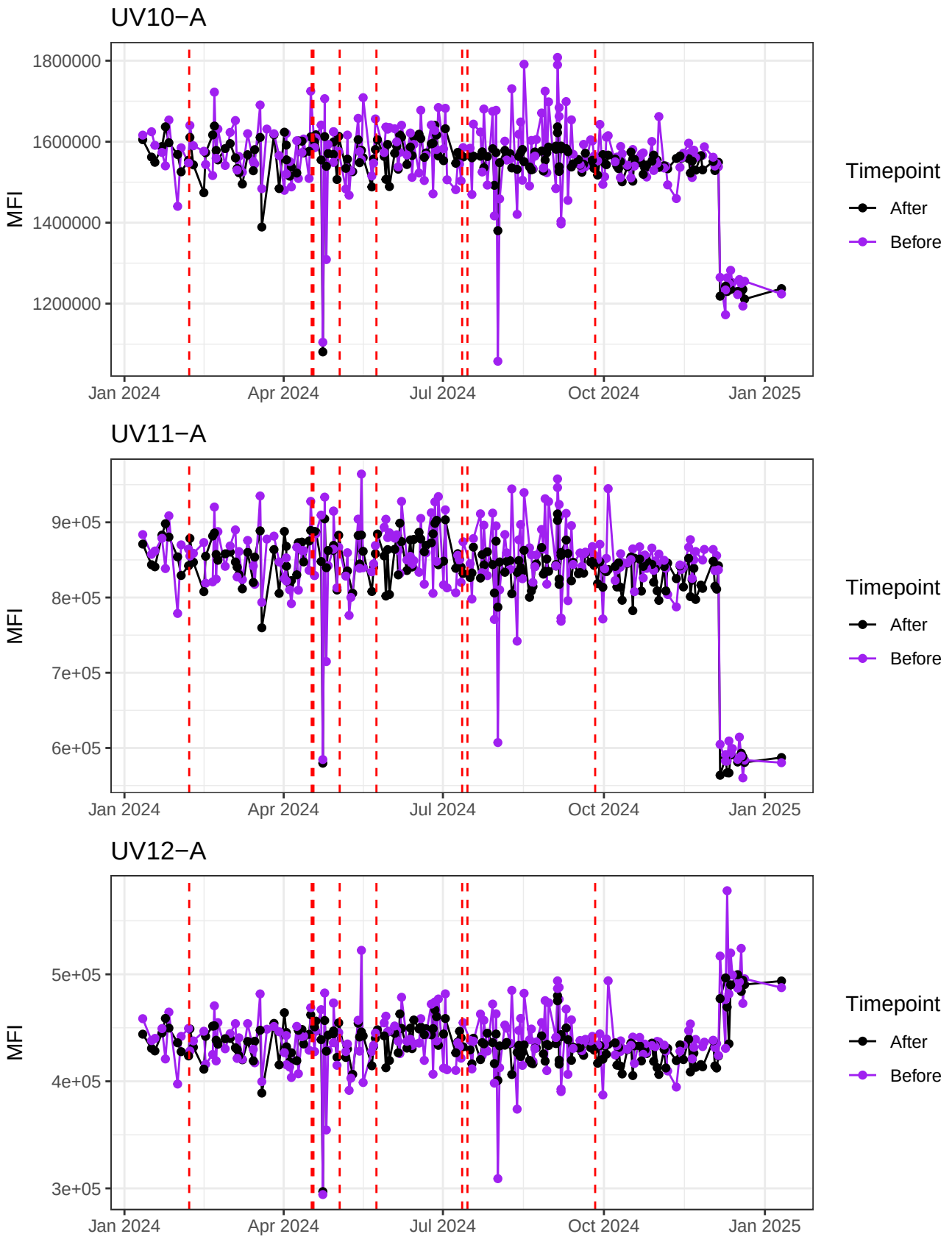
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


UV10−A
MFI
1800000
1600000
1400000
1200000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV11−A
MFI
9e+05
8e+05
7e+05
6e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV12−A
MFI
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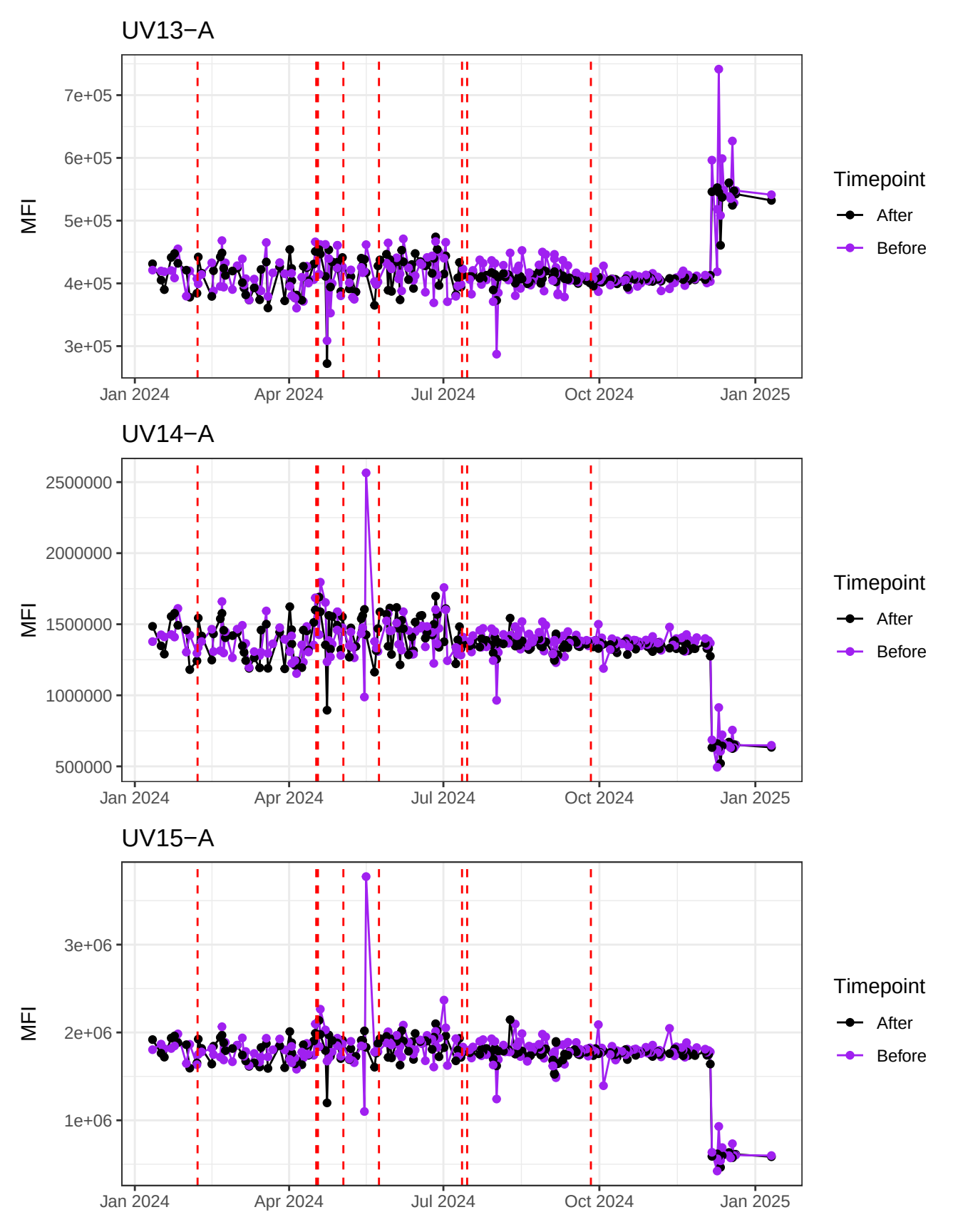
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


UV13−A
MFI
7e+05
6e+05
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV14−A
MFI
2500000
2000000
1500000
1000000
500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV15−A
MFI
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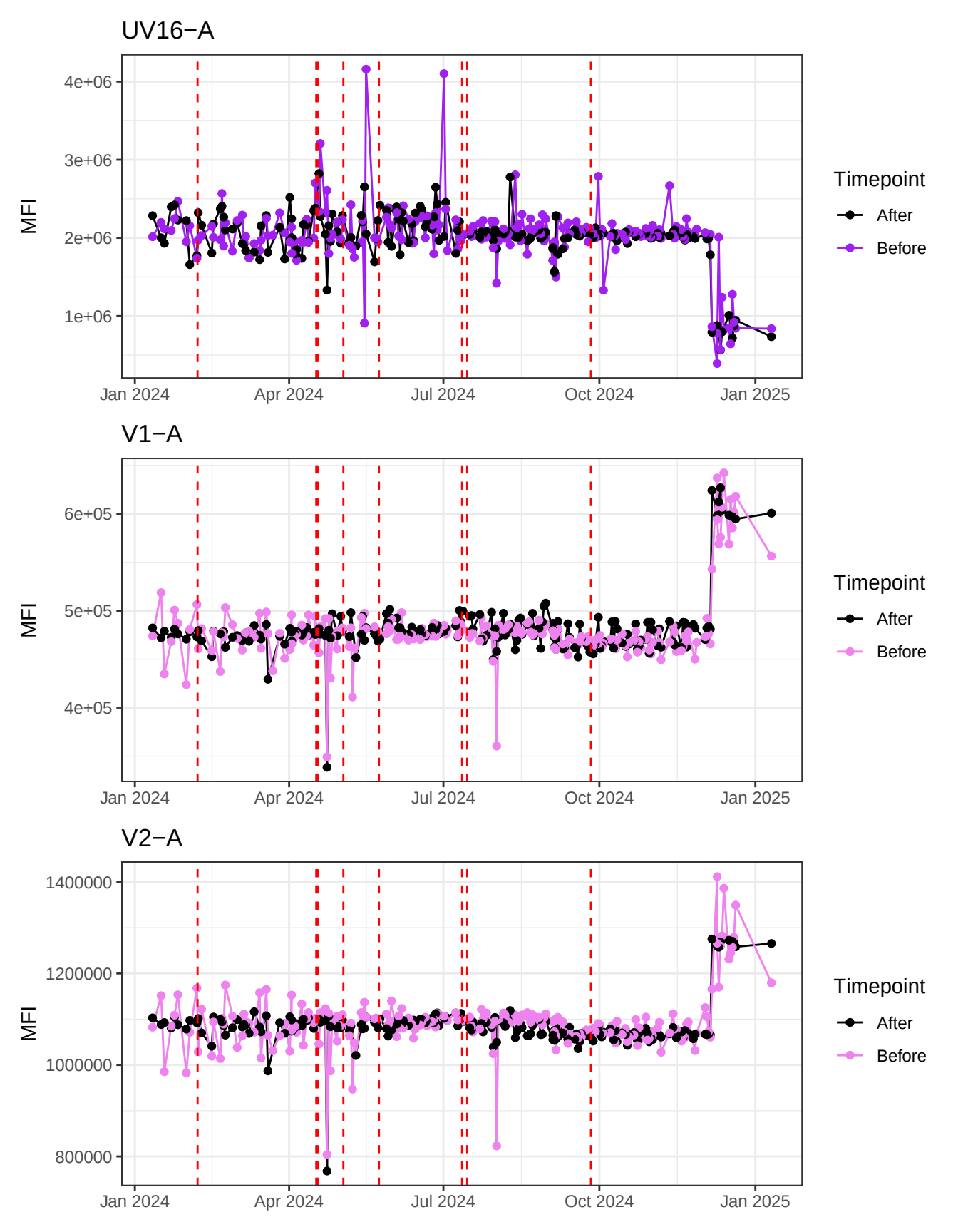
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


UV16−A
MFI
4e+06
3e+06
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V1−A
MFI
6e+05
5e+05
4e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V2−A
MFI
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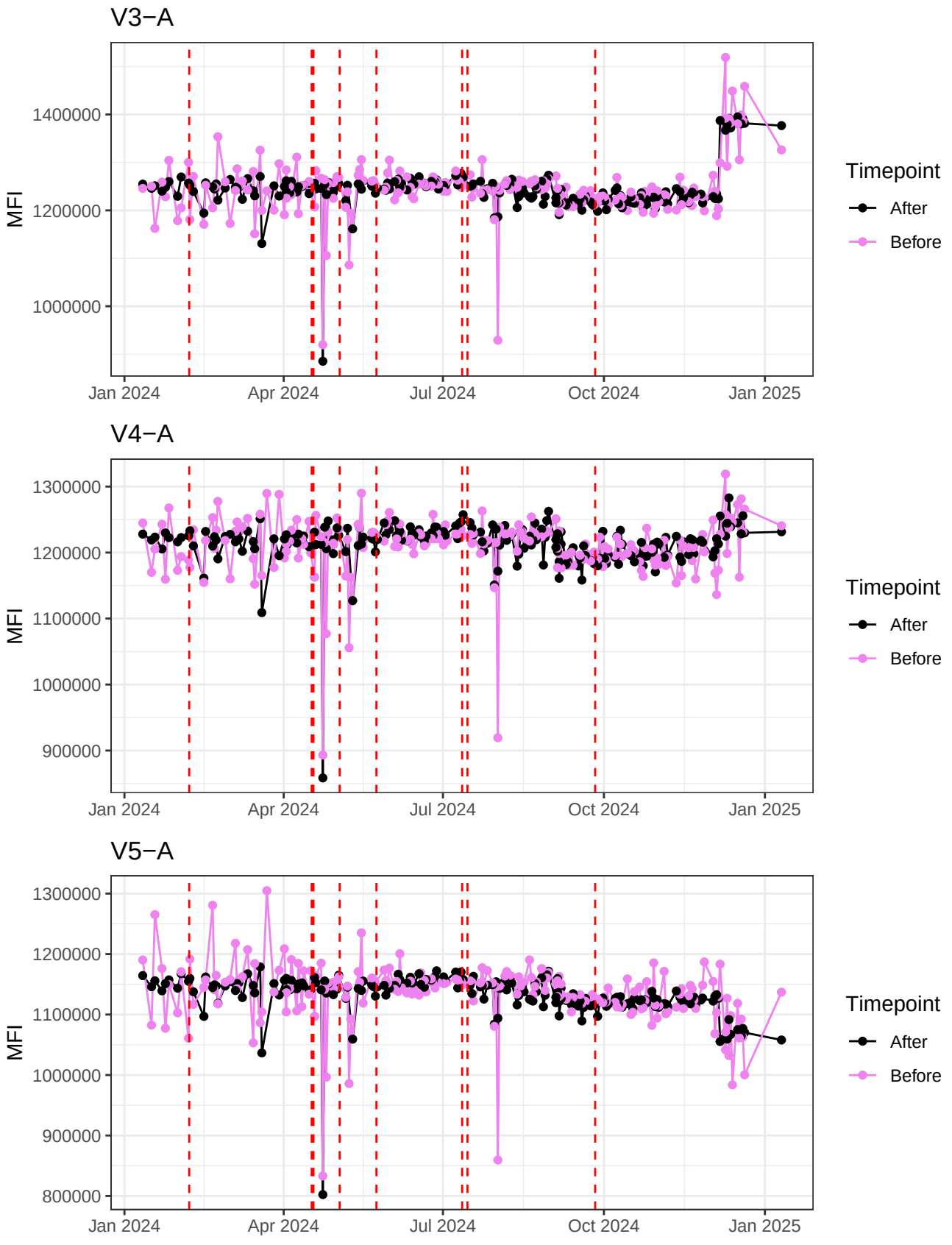
1200000
1000000
800000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


V3−A
MFI
1400000
1200000
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V4−A
MFI
1300000
1200000
1100000
1000000
900000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V5−A
MFI
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1000000
900000
800000
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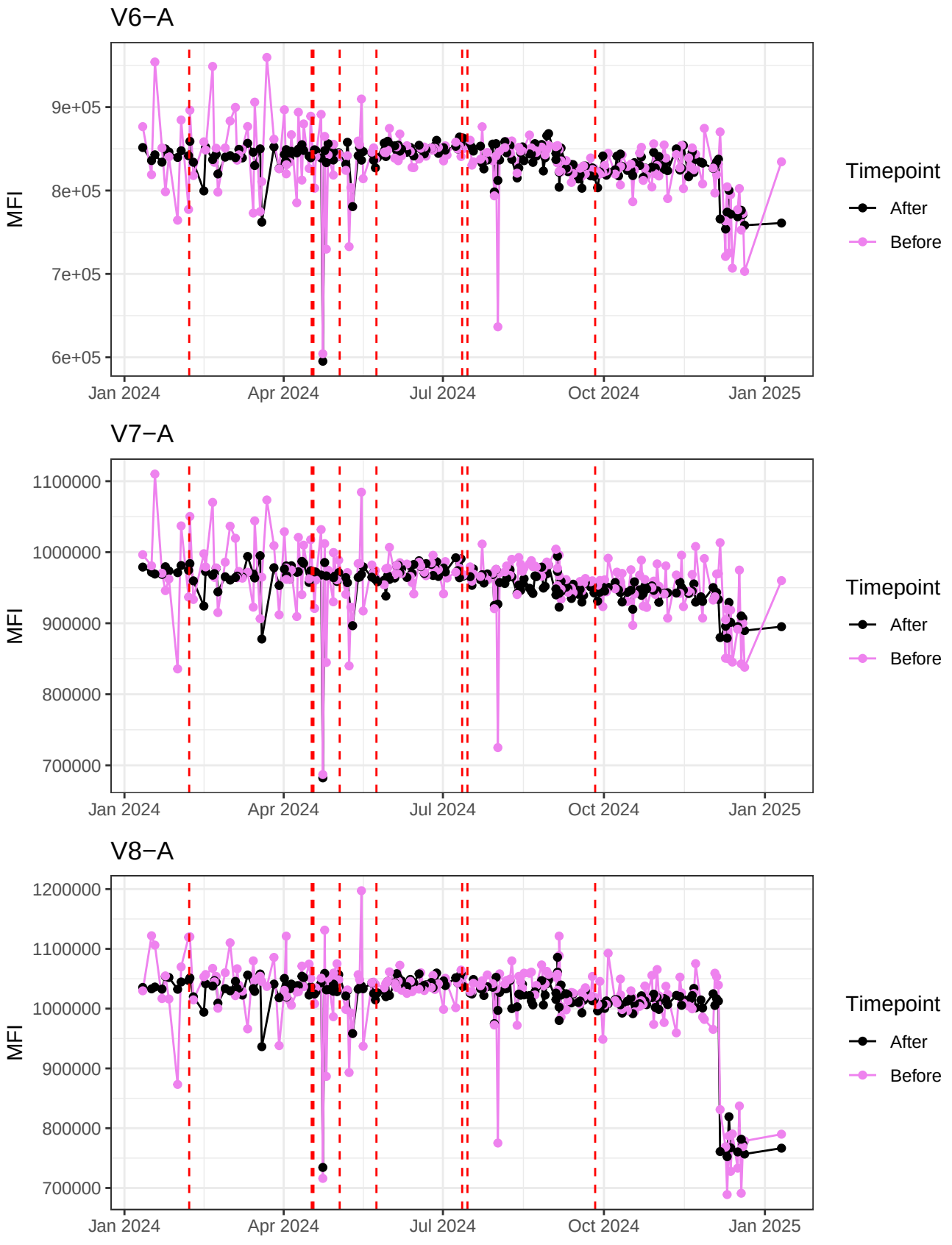
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


V6−A
MFI
9e+05
8e+05
7e+05
6e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V7−A
MFI
1100000
1000000
900000
800000
700000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V8−A
MFI
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1100000
1000000
900000
800000
700000
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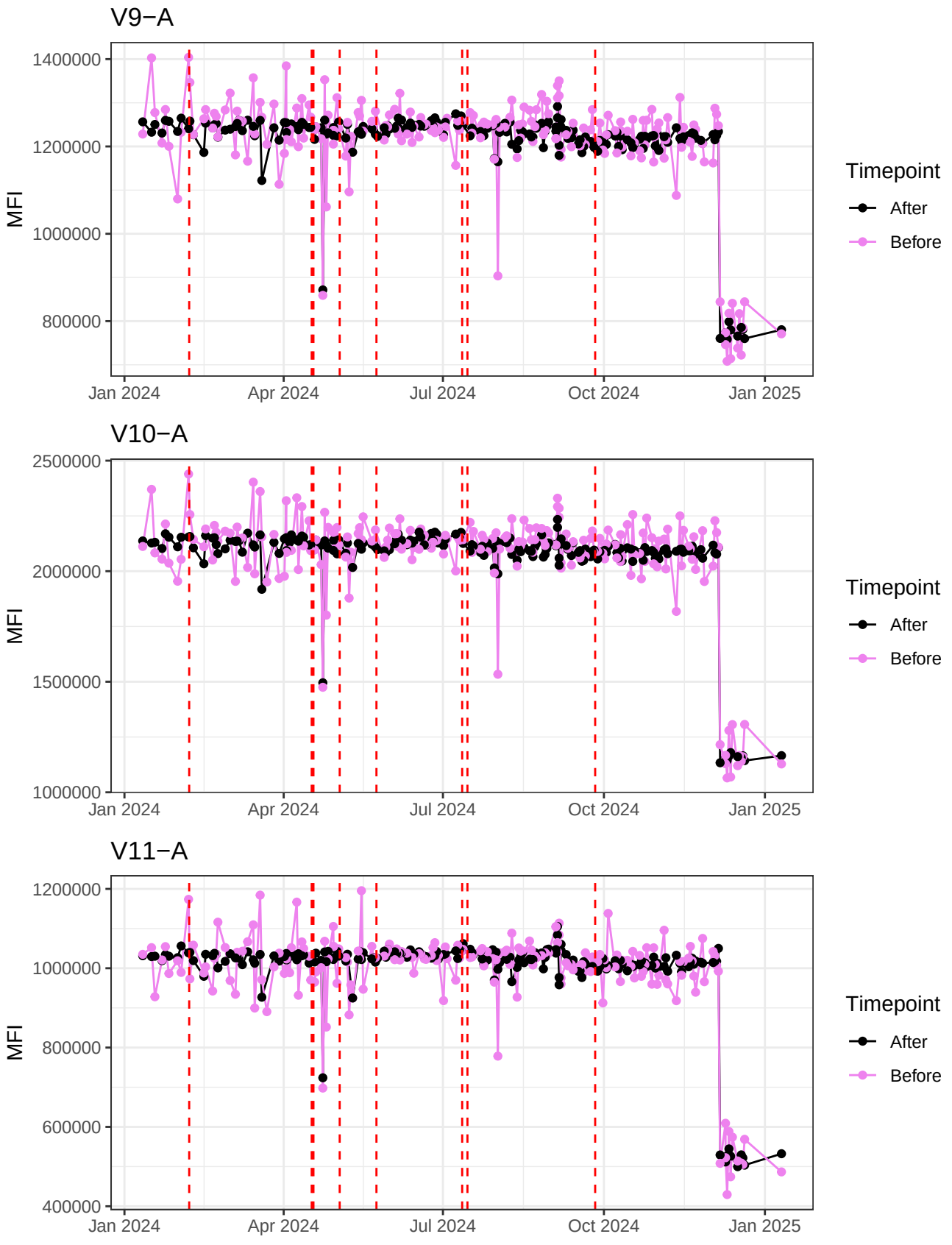
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


V9−A
MFI
1400000
1200000
1000000
800000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V10−A
MFI
2500000
2000000
1500000
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V11−A
MFI
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800000
600000
400000
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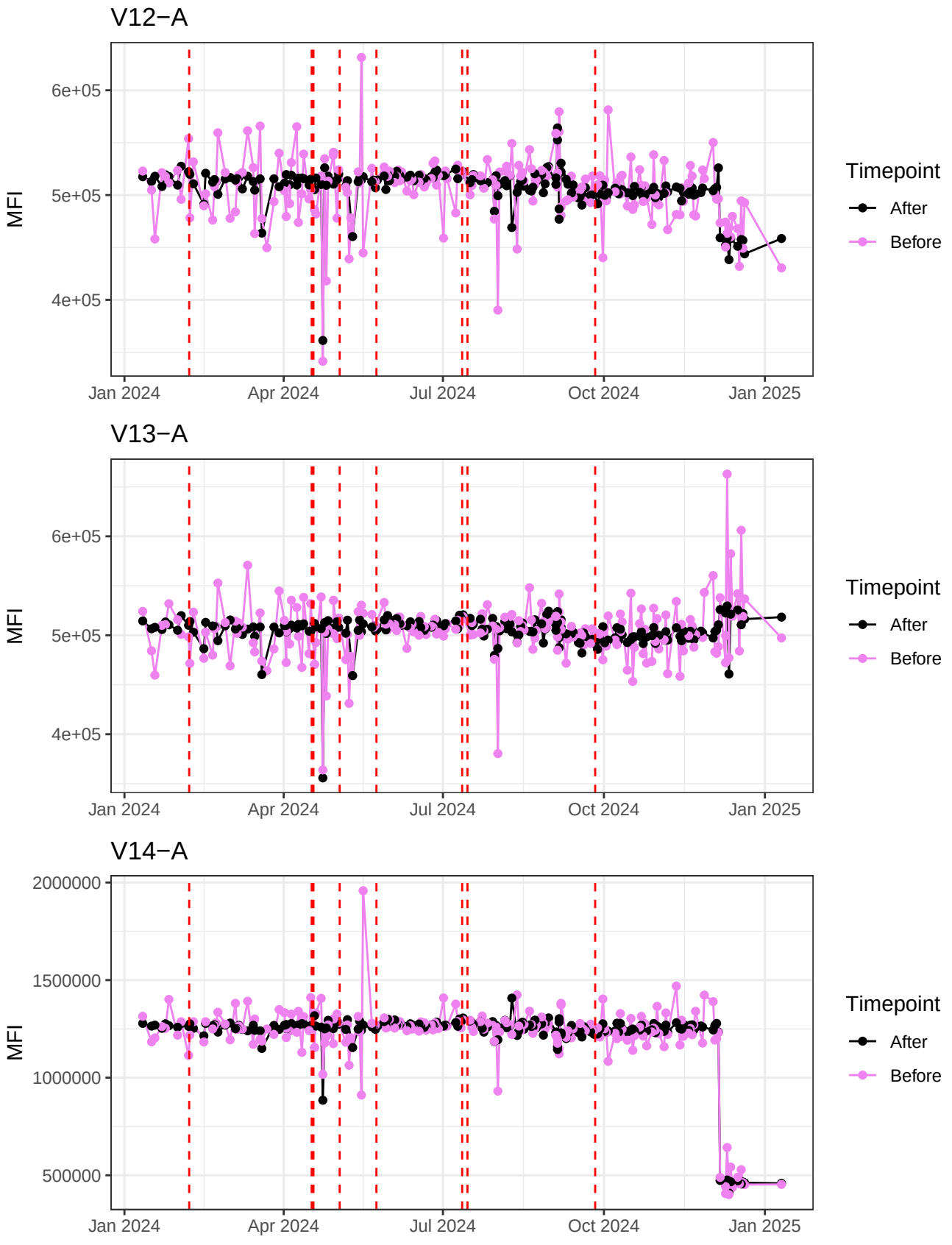
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


V12−A
MFI
6e+05
5e+05
4e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V13−A
MFI
6e+05
5e+05
4e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
V14−A
MFI
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1500000
1000000
500000
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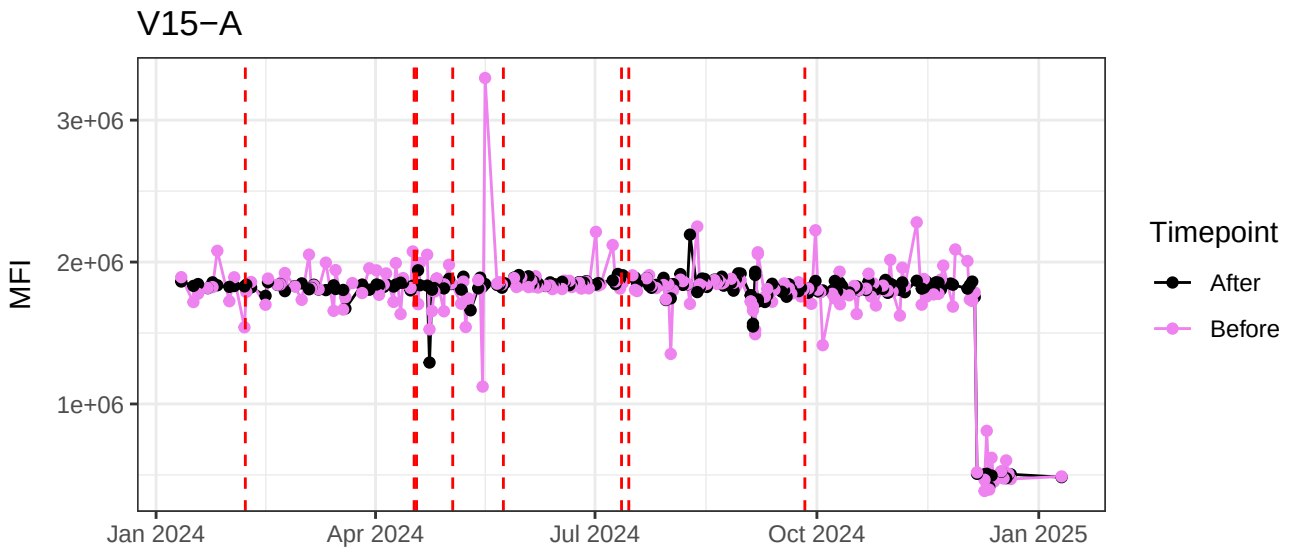
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


V15−A
MFI
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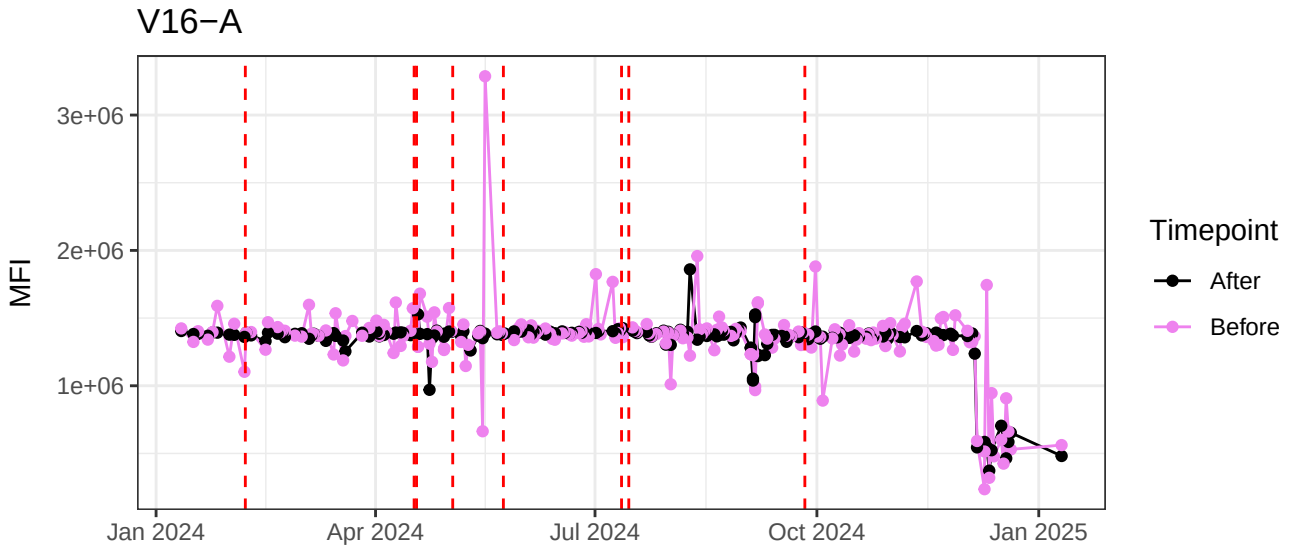
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


V16−A
MFI
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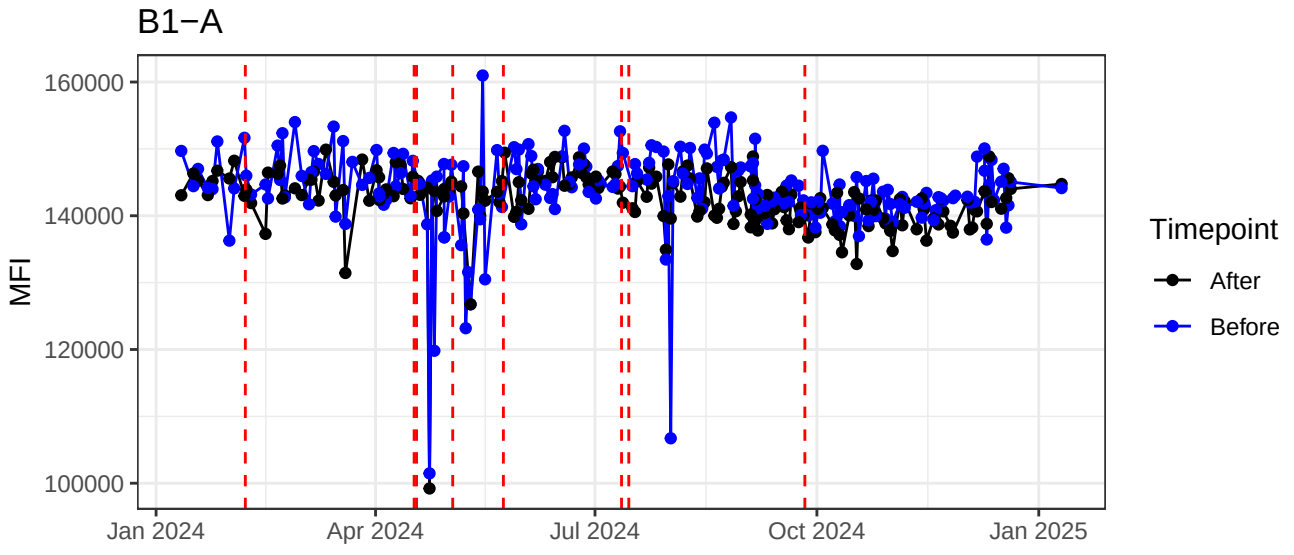
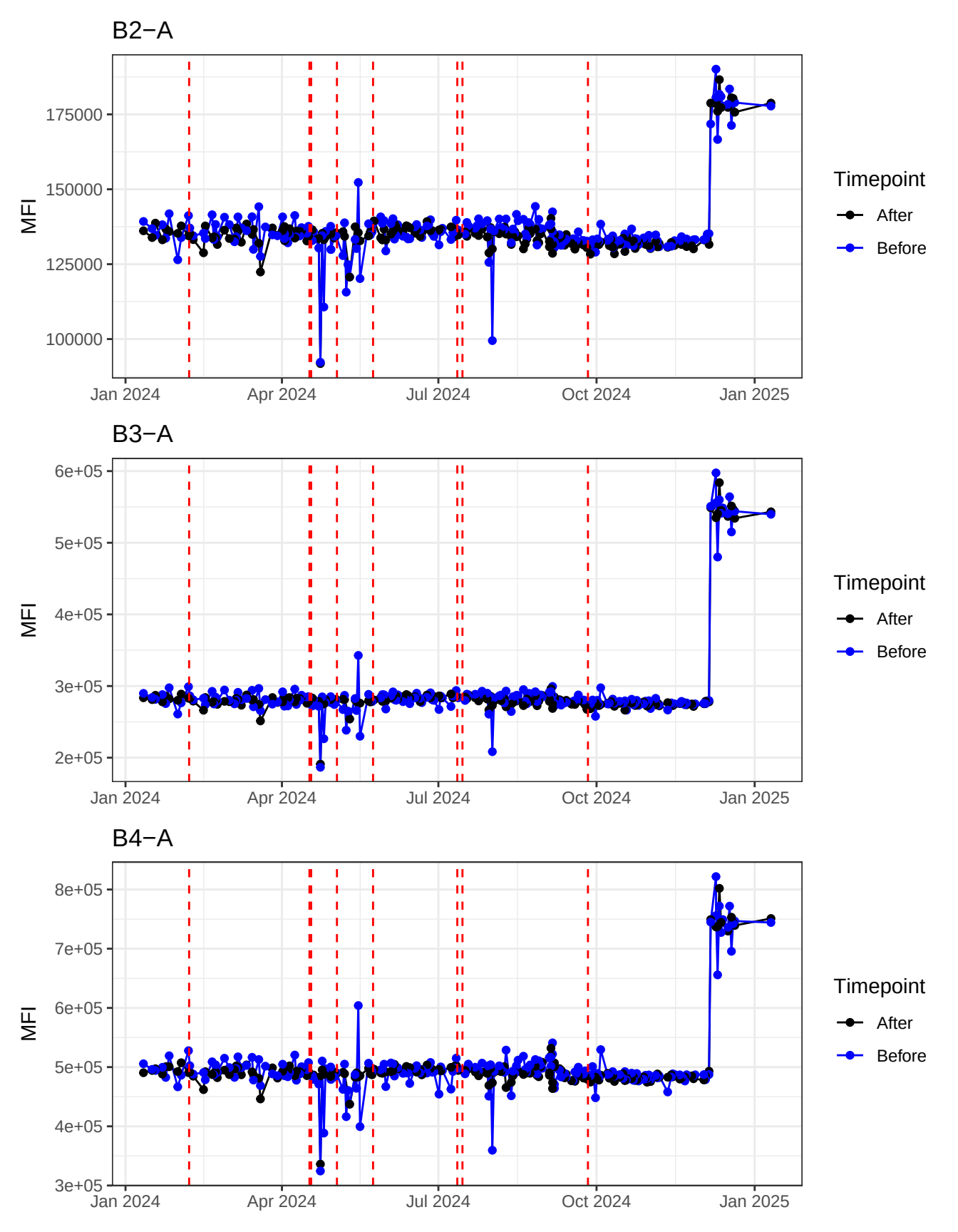
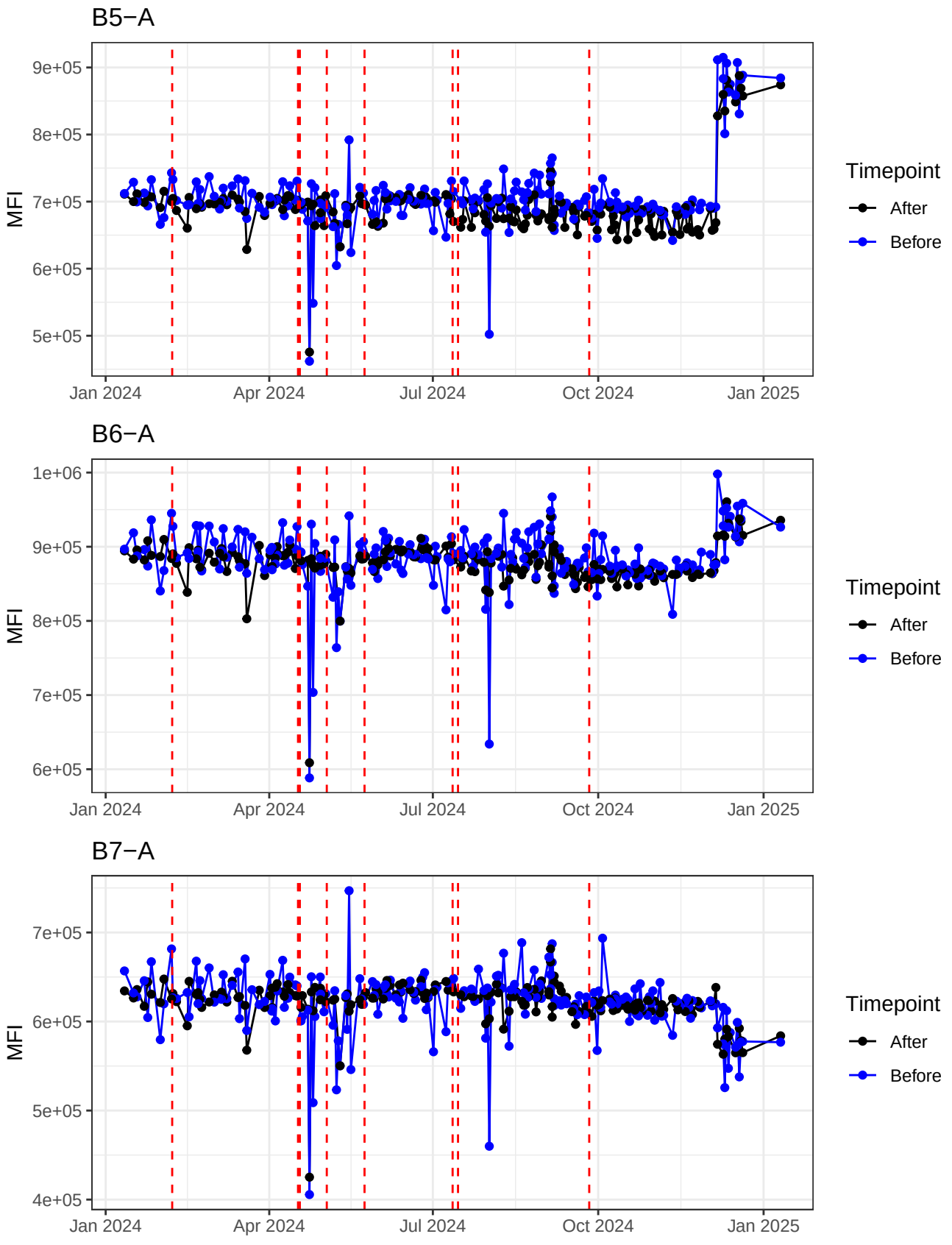
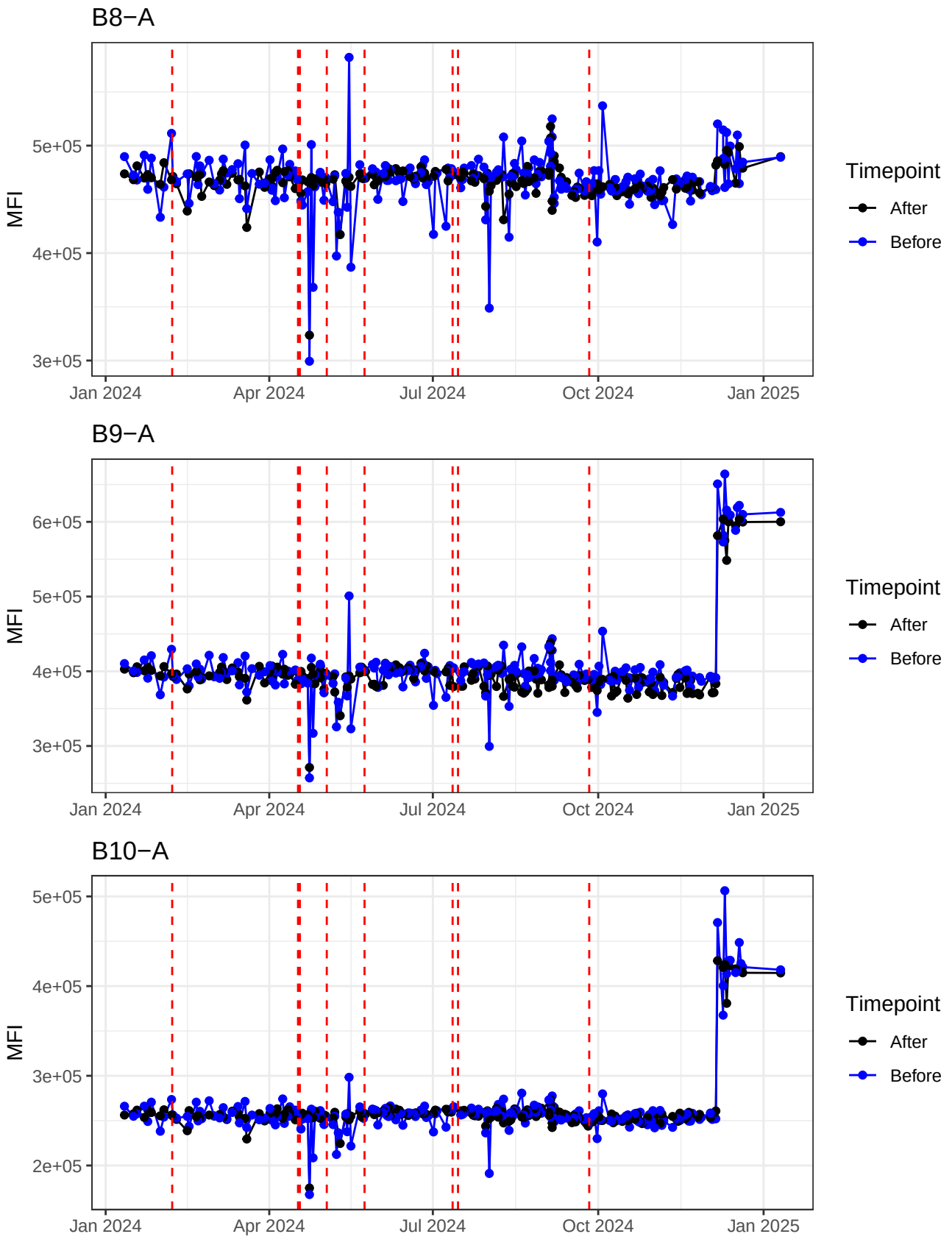
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


B1−A
MFI
160000
140000
120000
100000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


B2−A
MFI
175000
150000
125000
100000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
B3−A
MFI
6e+05
5e+05
4e+05
3e+05
2e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
B4−A
MFI
8e+05
7e+05
6e+05
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


B5−A
B6−A
B7−A
MFI
9e+05
8e+05
7e+05
6e+05
5e+05
1e+06
4e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


B8−A
MFI
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
B9−A
MFI
6e+05
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
B10−A
MFI
5e+05
4e+05
3e+05
2e+05
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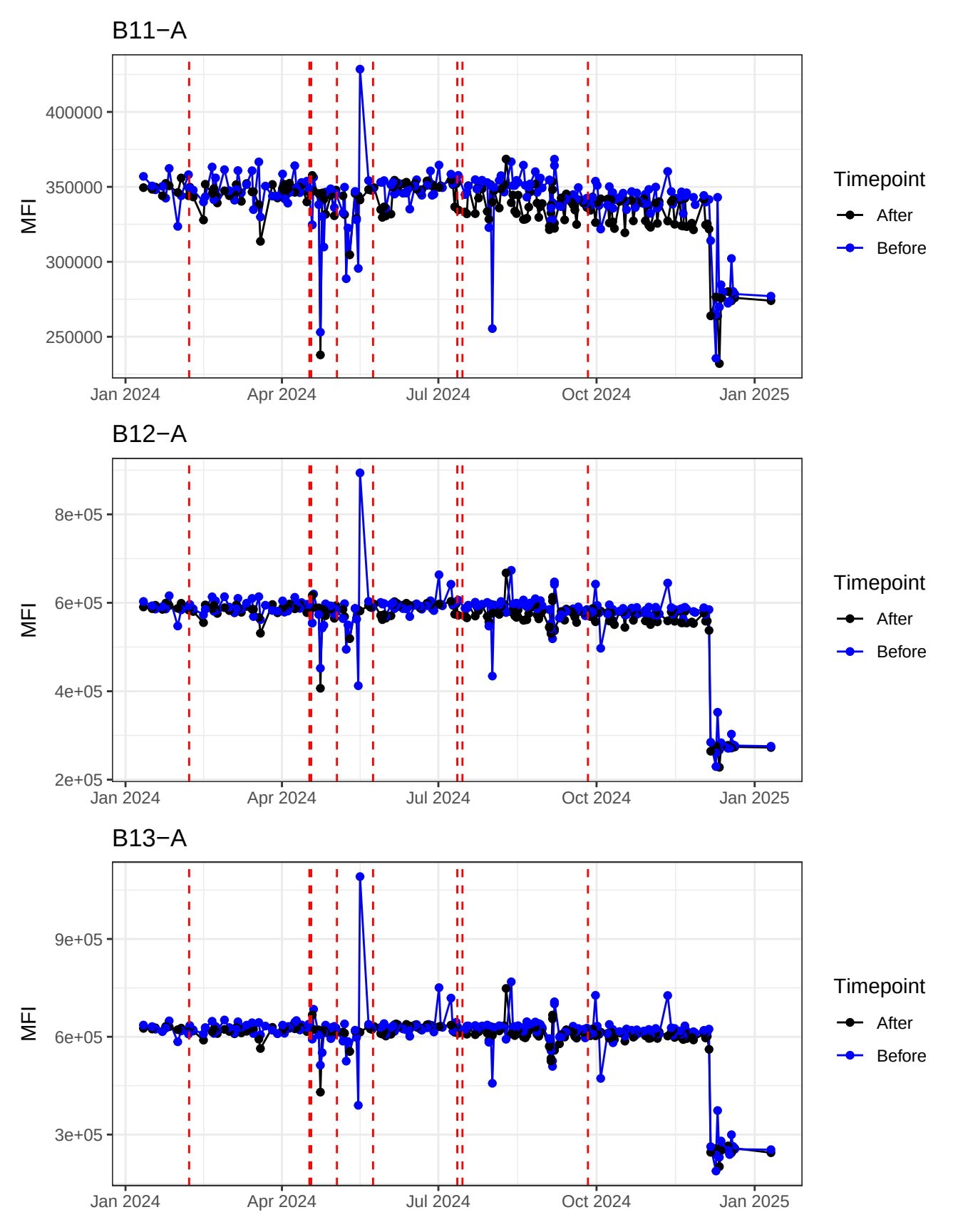
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


B11−A
MFI
400000
350000
300000
250000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
B12−A
MFI
8e+05
6e+05
4e+05
2e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
B13−A
MFI
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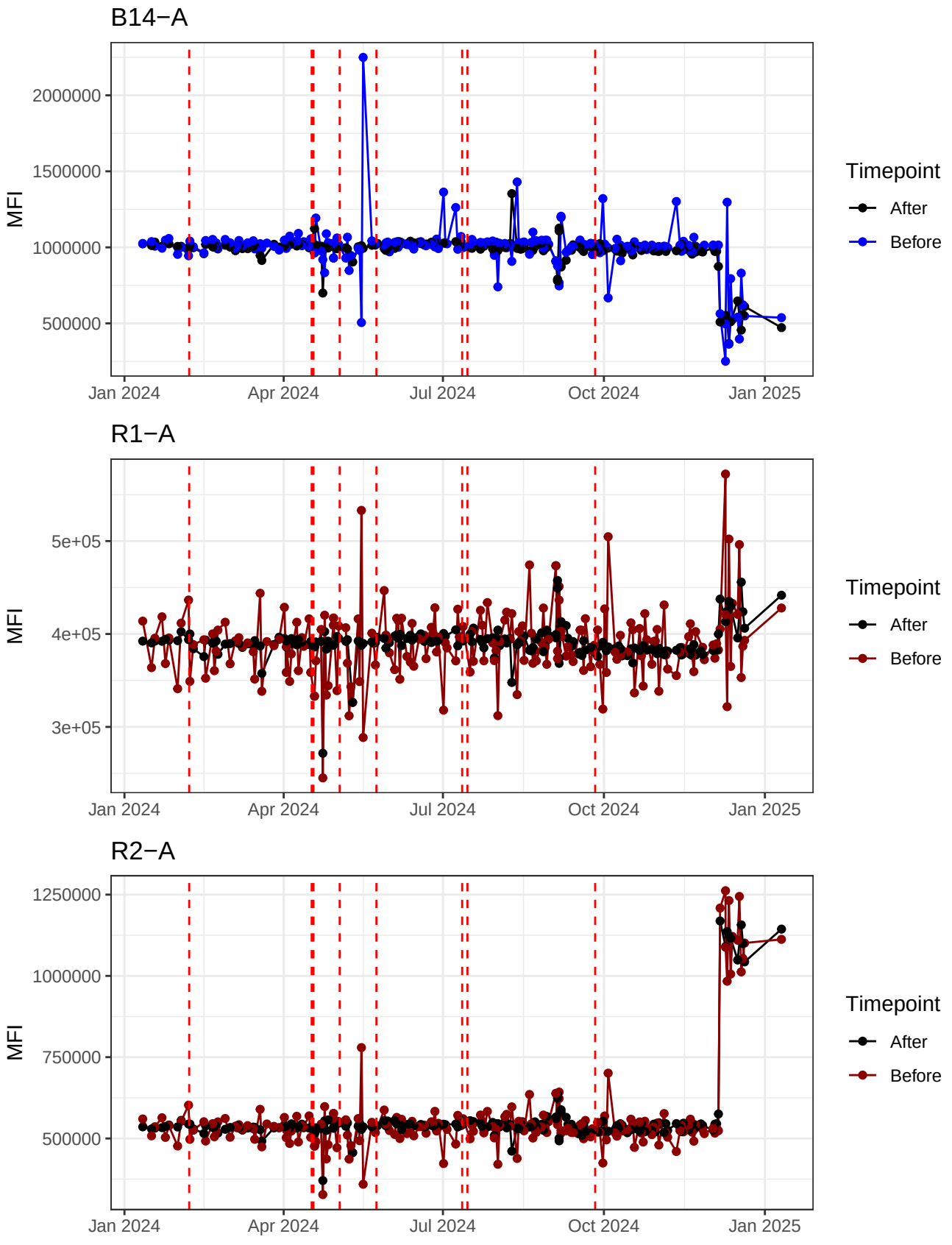
6e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


B14−A
MFI
2000000
1500000
1000000
500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
R1−A
MFI
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
R2−A
MFI
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1000000
750000
500000
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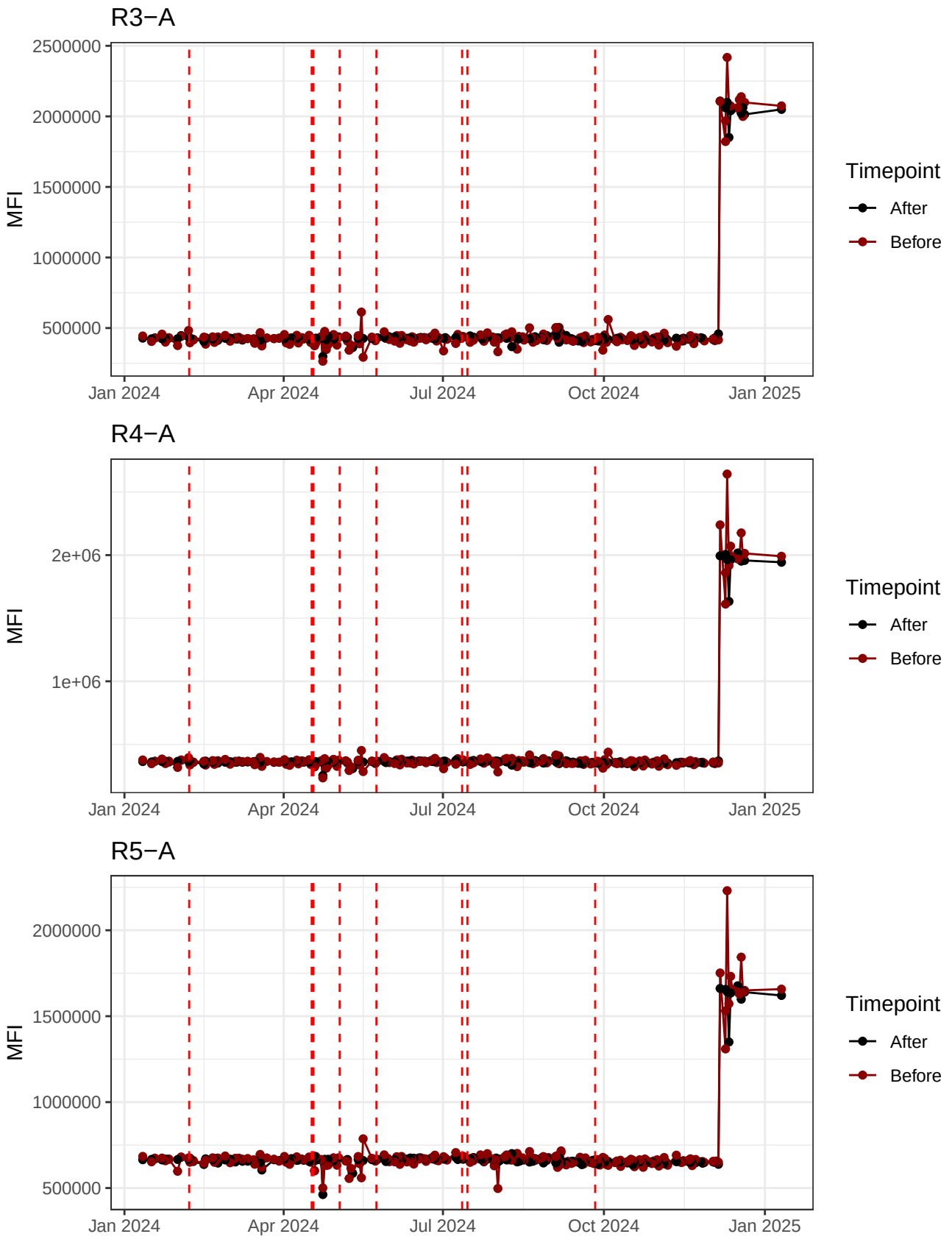
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


R3−A
MFI
2500000
2000000
1500000
1000000
500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
R4−A
MFI
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
R5−A
MFI
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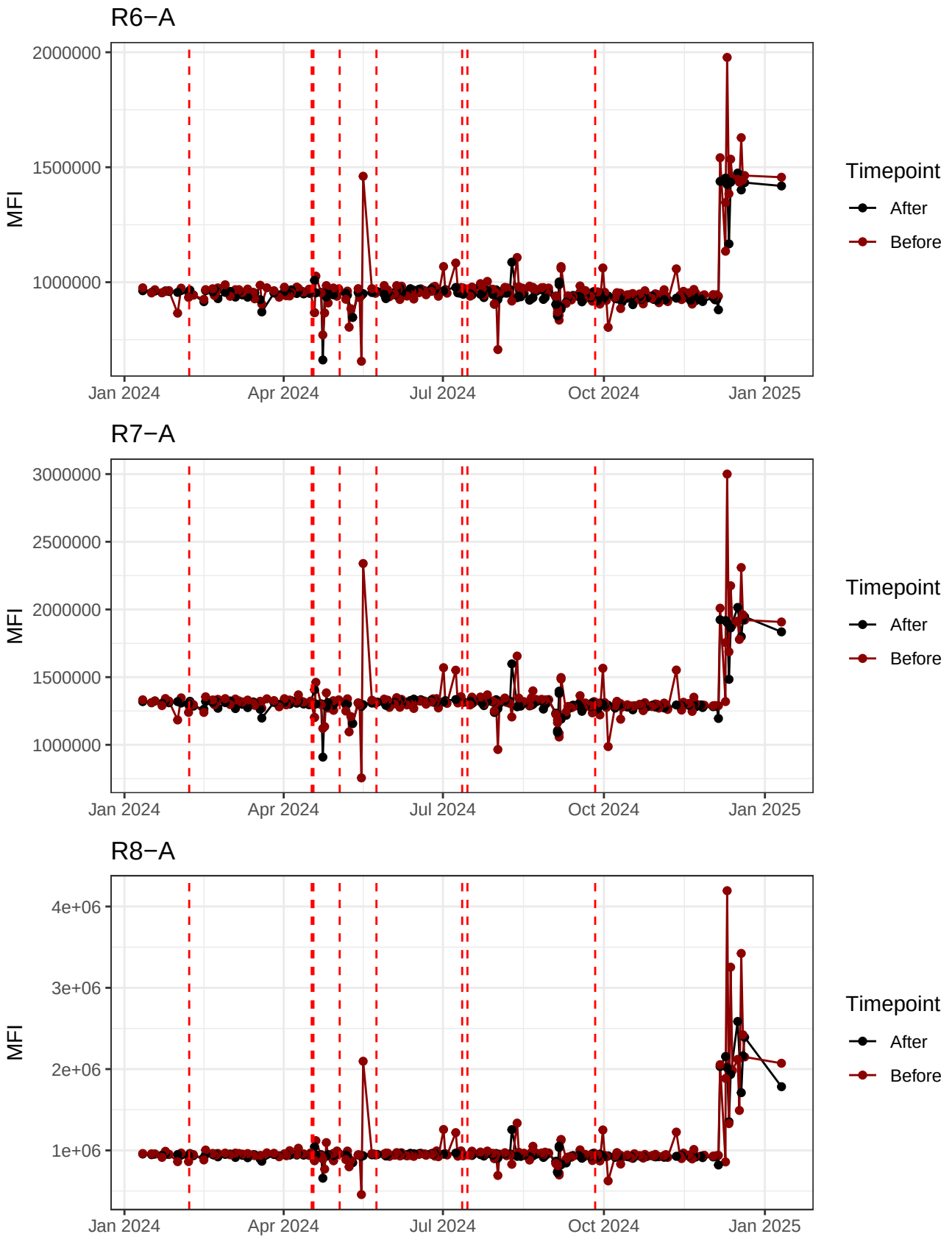
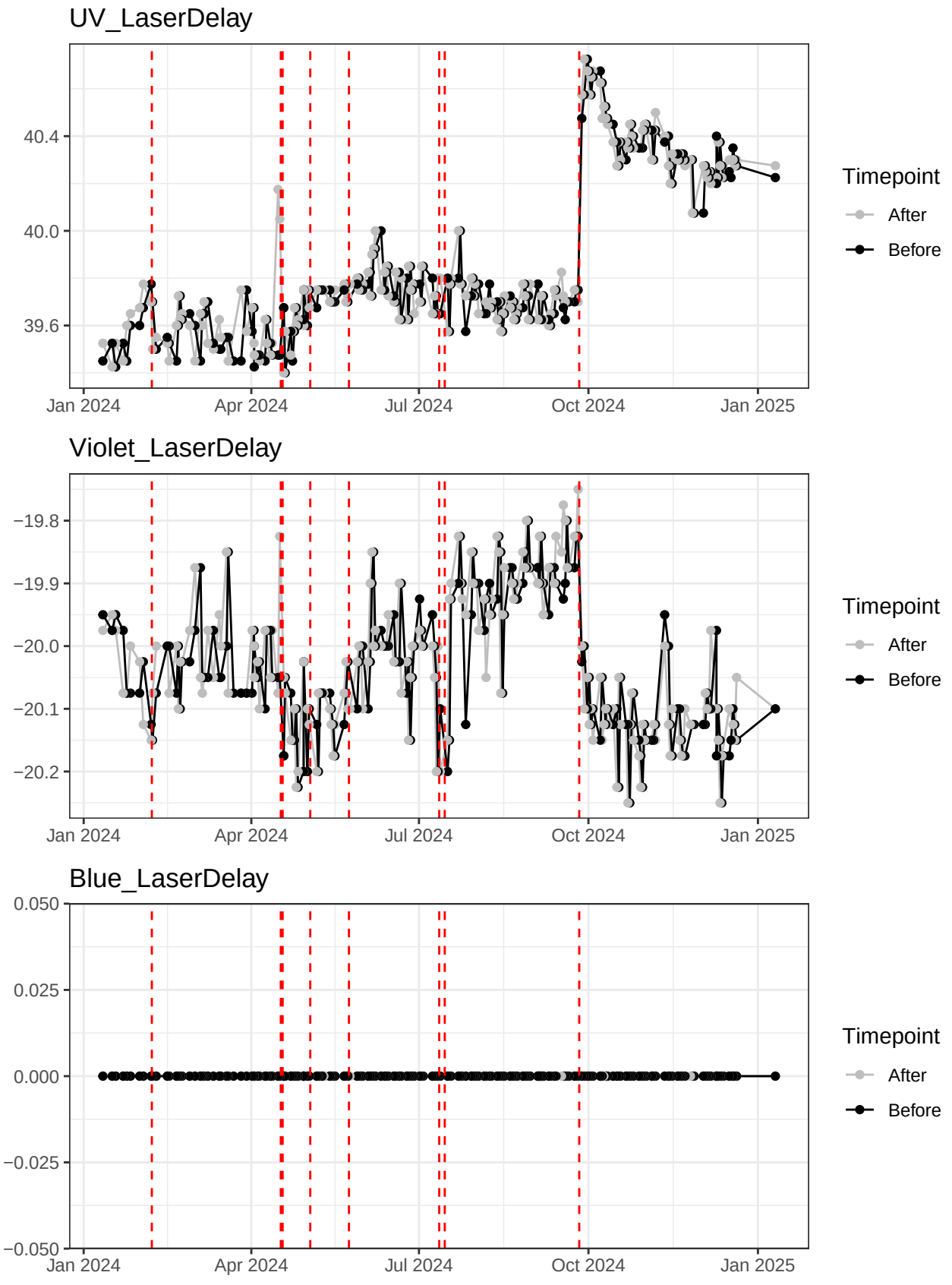
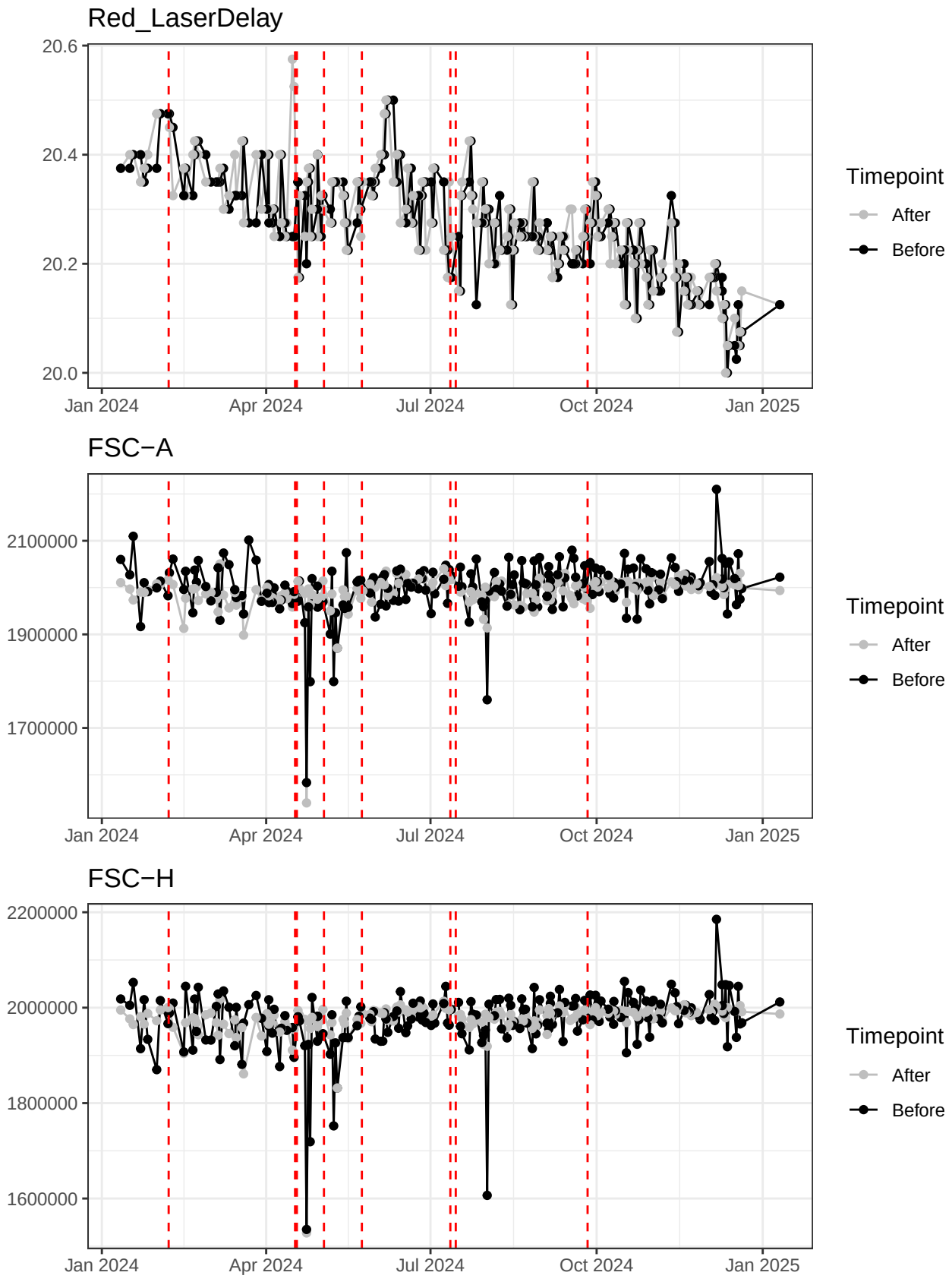
1500000
1000000
500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


R6−A
MFI
2000000
1500000
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
R7−A
MFI
3000000
2500000
2000000
1500000
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
R8−A
MFI
4e+06
3e+06
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


UV_LaserDelay
40.4
40.0
39.6
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
Violet_LaserDelay
−19.8
−19.9
−20.0
−20.1
−20.2
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
Blue_LaserDelay
0.050
0.025
0.000
−0.025
−0.050
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before


Red_LaserDelay
20.6
20.4
20.2
20.0
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
FSC−A
2100000
1900000
1700000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
FSC−H
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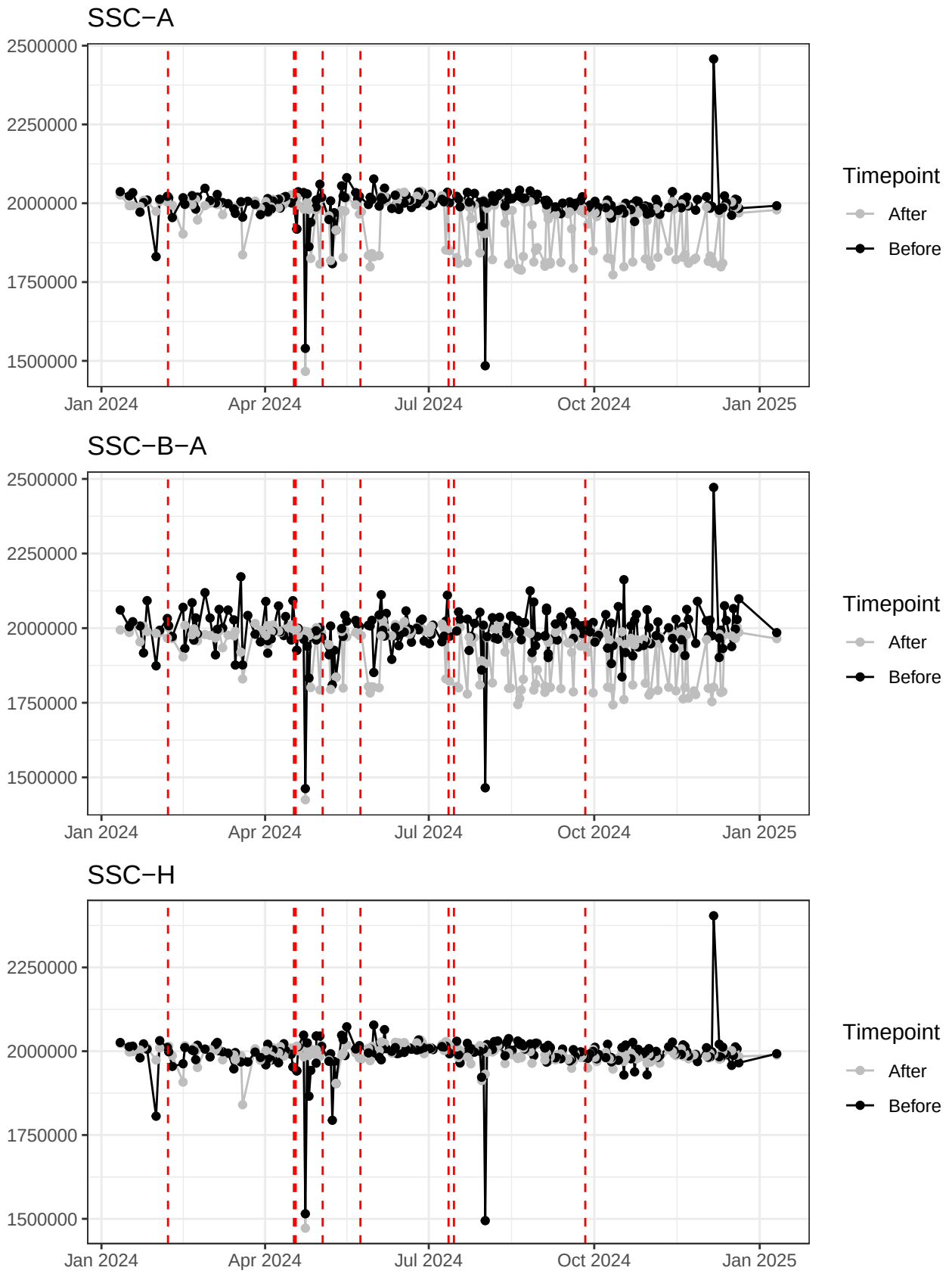
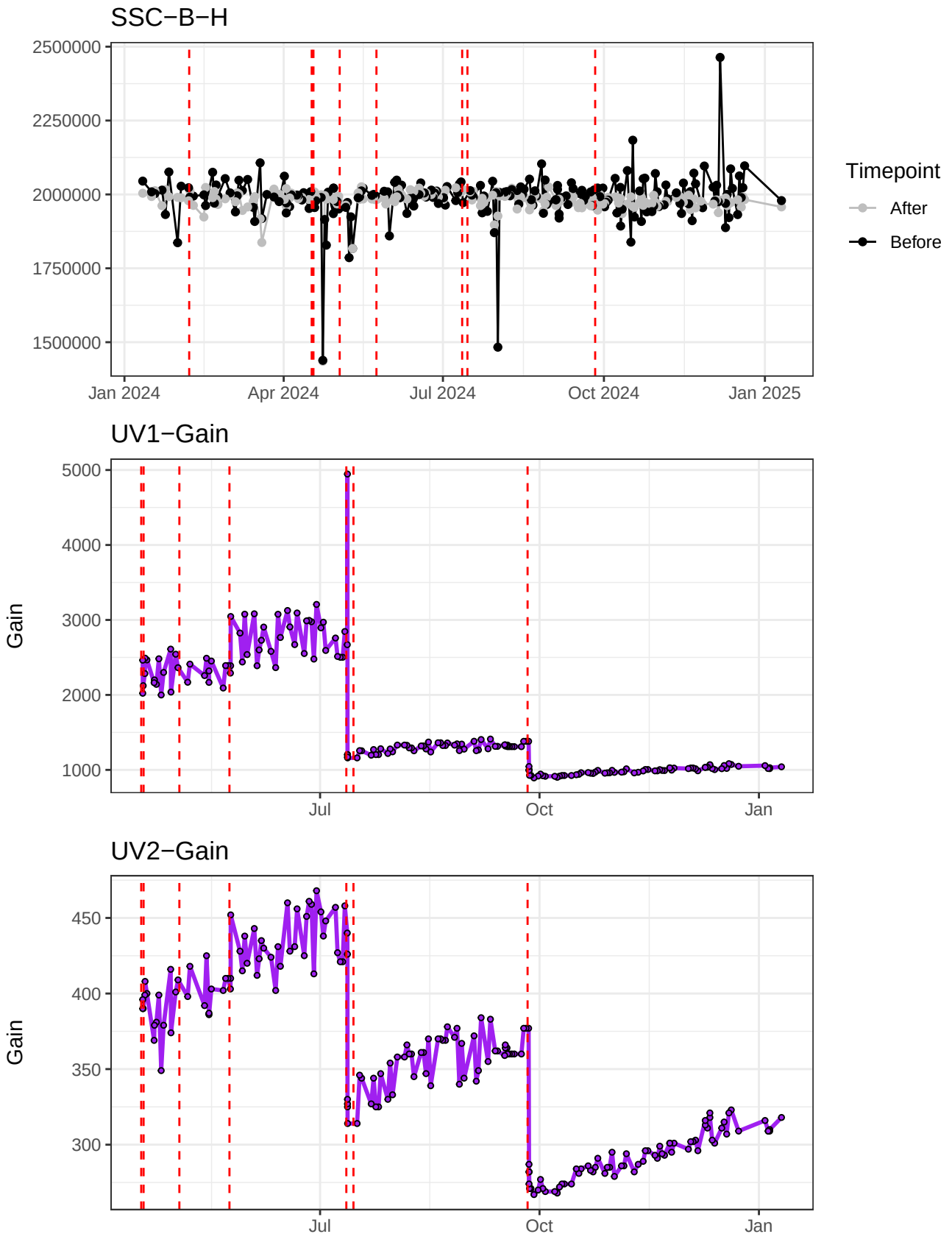
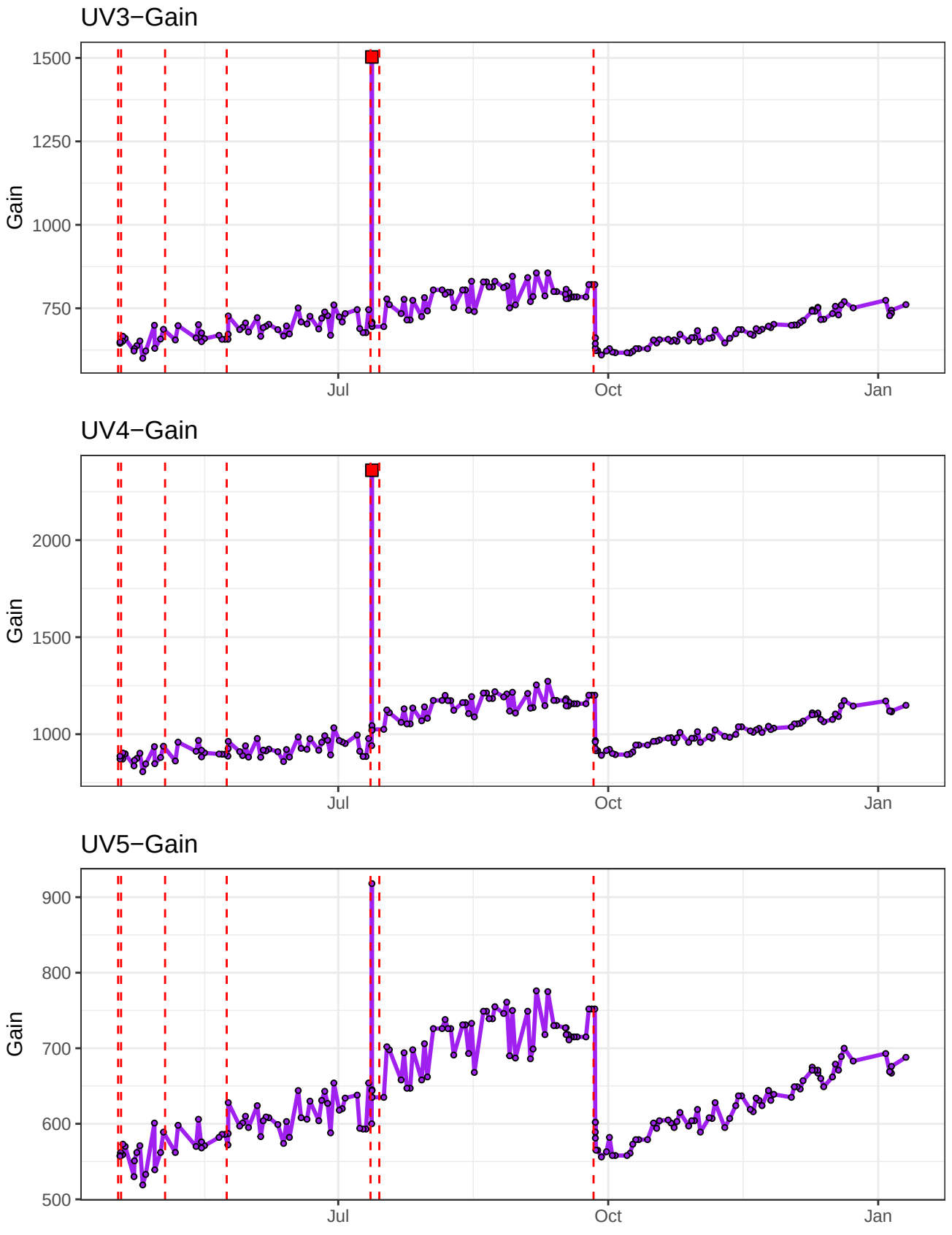
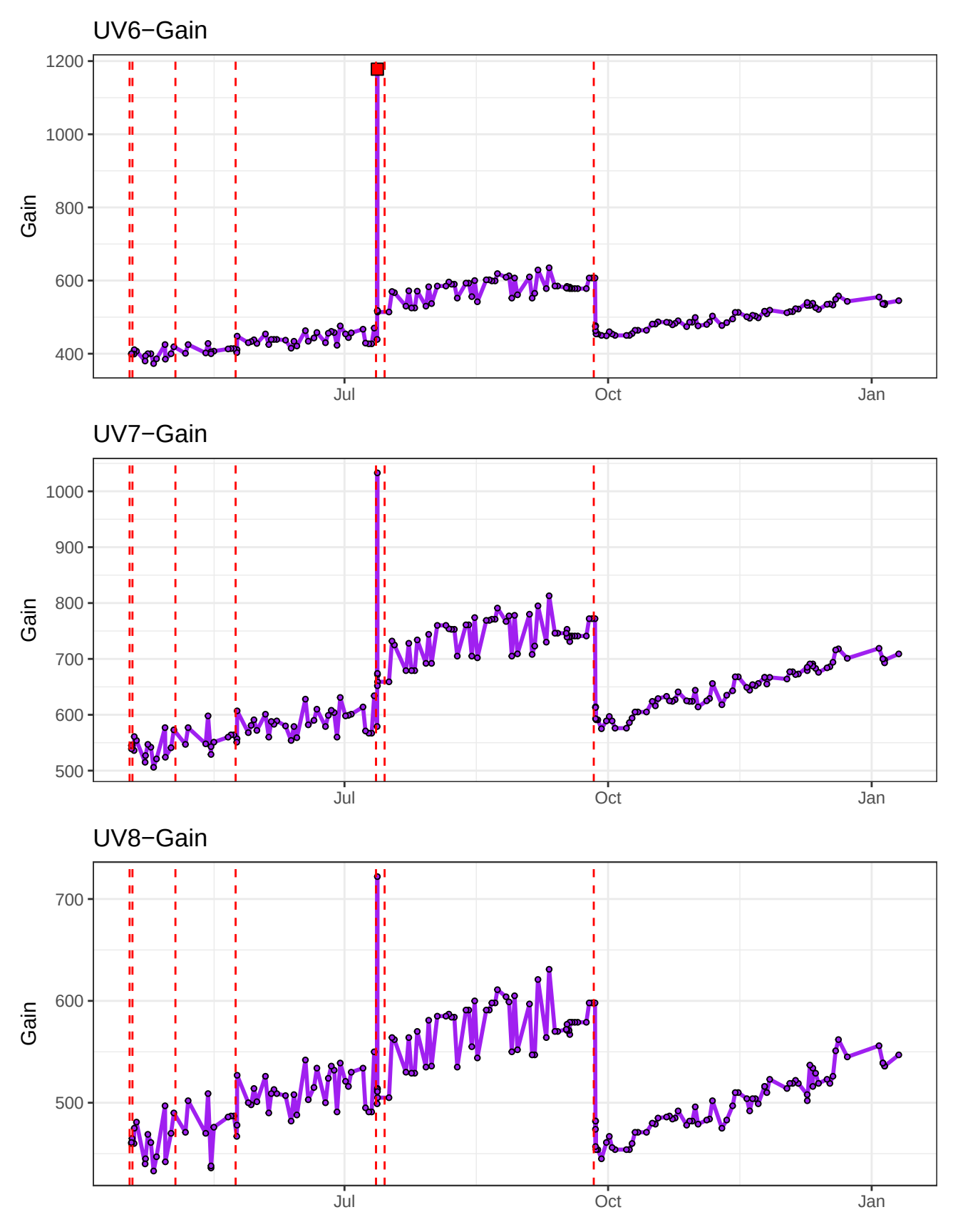
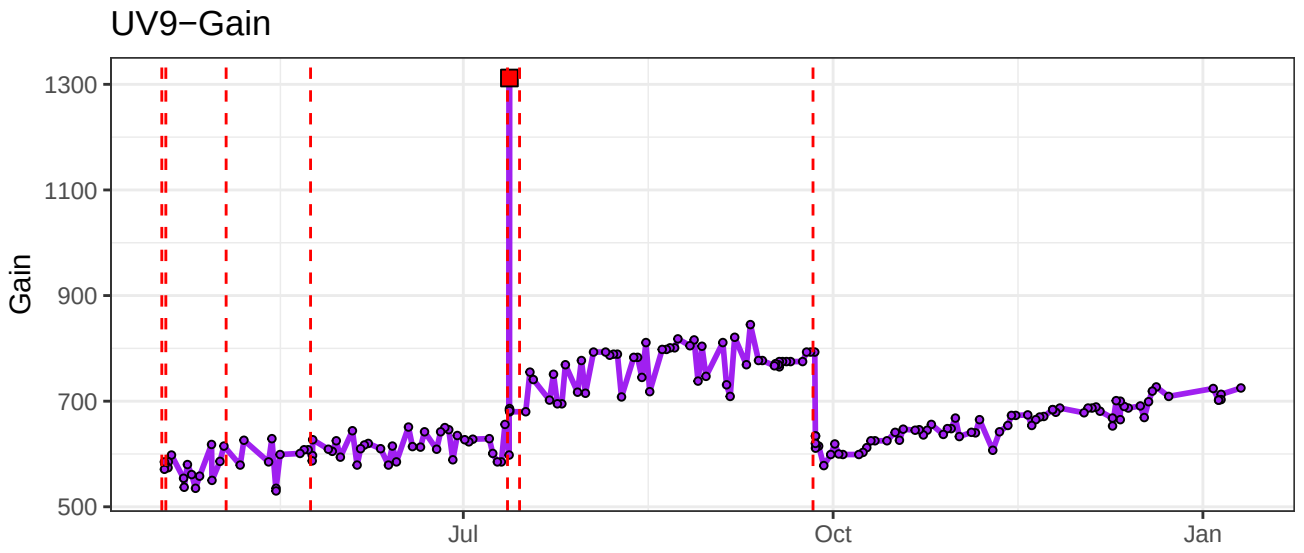
2000000
1800000
1600000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before

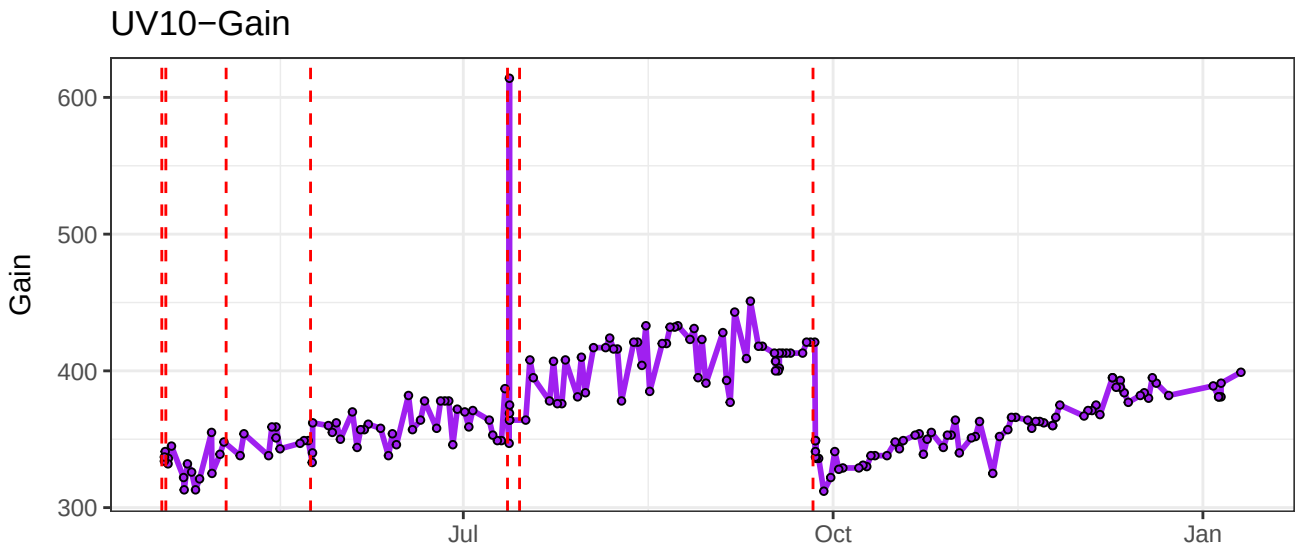

SSC−A
2500000
2250000
2000000
1750000
1500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
SSC−B−A
2500000
2250000
2000000
1750000
1500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
SSC−H
2250000
2000000
1750000
1500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before

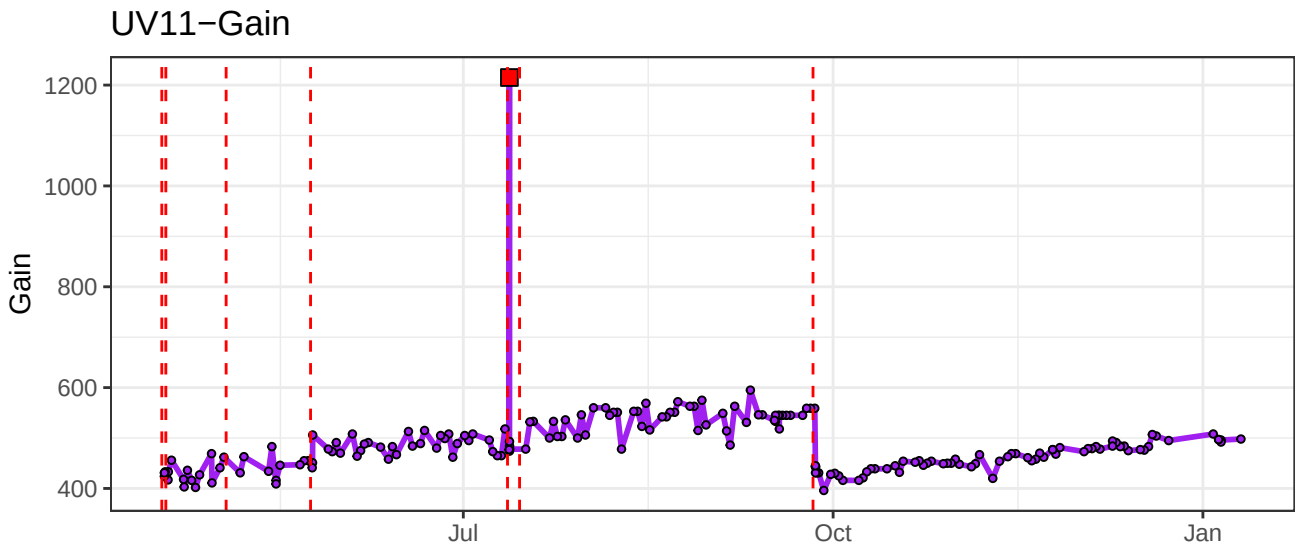

SSC−B−H
2500000
2250000
2000000
1750000
1500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Jan 2025
Timepoint
After
Before
UV1−Gain
Gain
5000
4000
3000
2000
1000
Jul
Oct
Jan
UV2−Gain
Gain
450
400
350
300
Jul
Oct
Jan

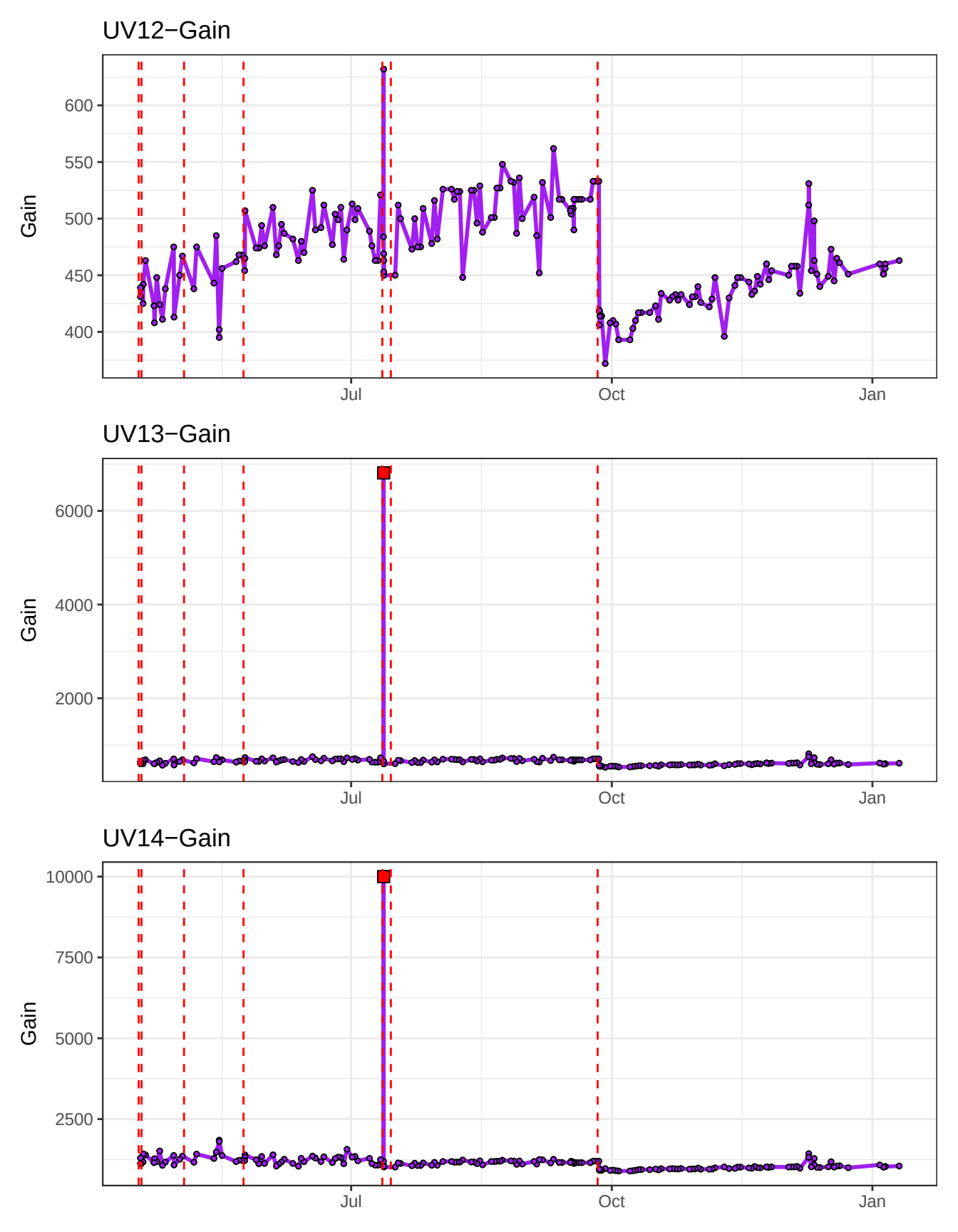

UV3−Gain
Gain
1500
1250
1000
750
Jul
Oct
Jan
UV4−Gain
Gain
2000
1500
1000
Jul
Oct
Jan
UV5−Gain
Gain
900
800
700
600
500
Jul
Oct
Jan

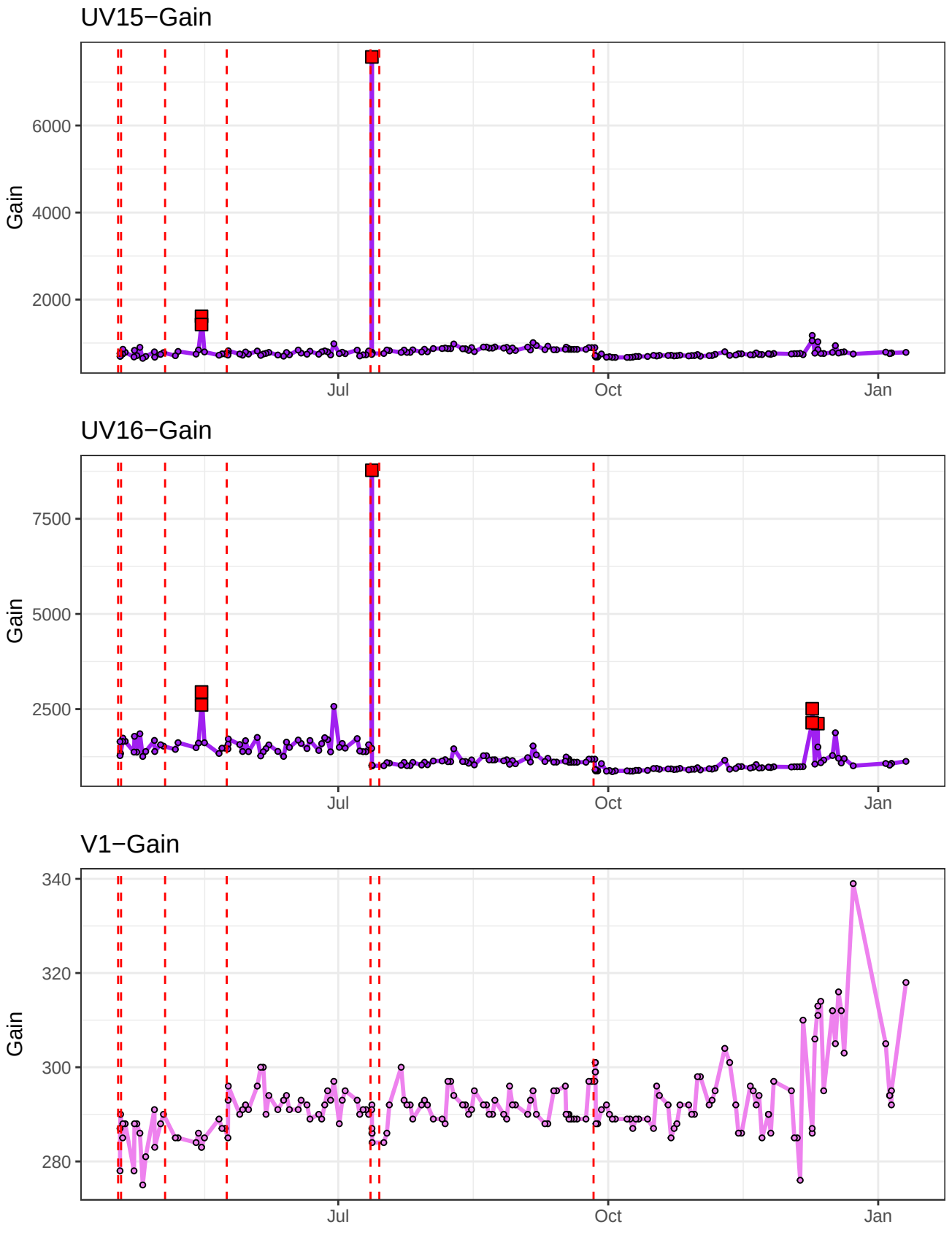

UV6−Gain
Gain
1200
1000
800
600
400
Jul
Oct
Jan
UV7−Gain
Gain
1000
900
800
700
600
500
Jul
Oct
Jan
UV8−Gain
Gain
700
600
500
Jul
Oct
Jan

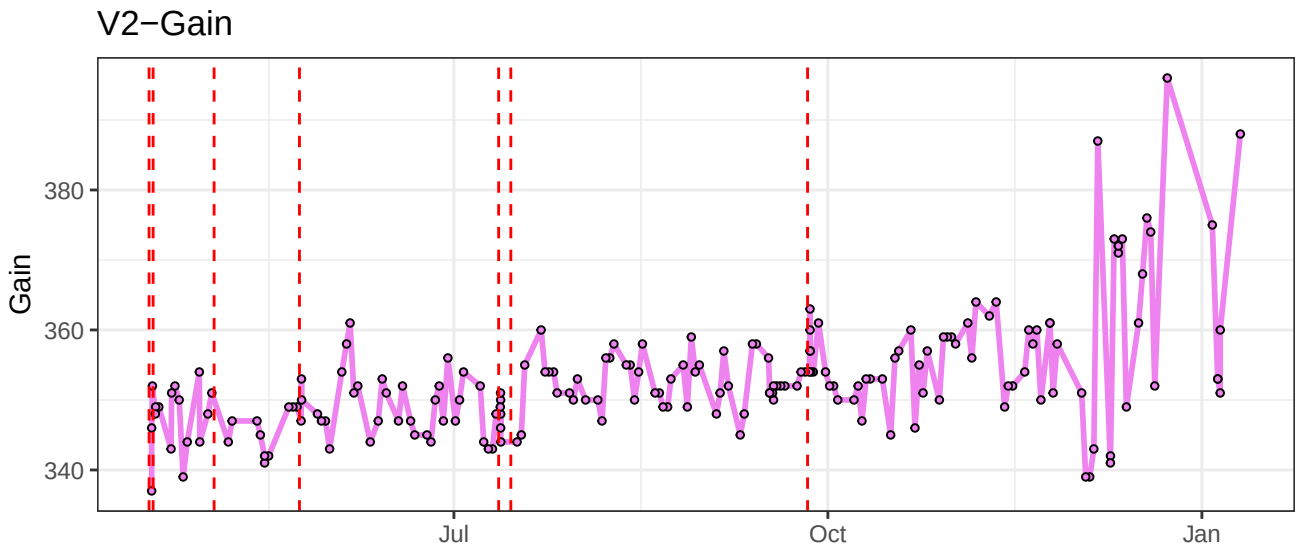

UV9−Gain
Gain
1300
1100
900
700
500
Jul
Oct
Jan

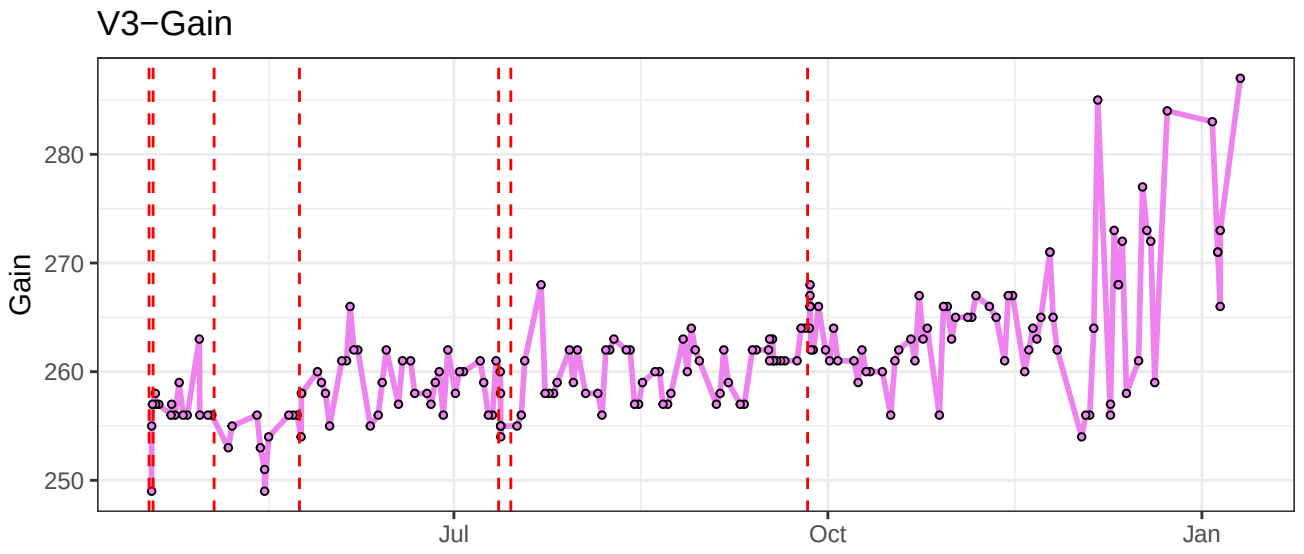

UV10−Gain
Gain
600
500
400
300
Jul
Oct
Jan

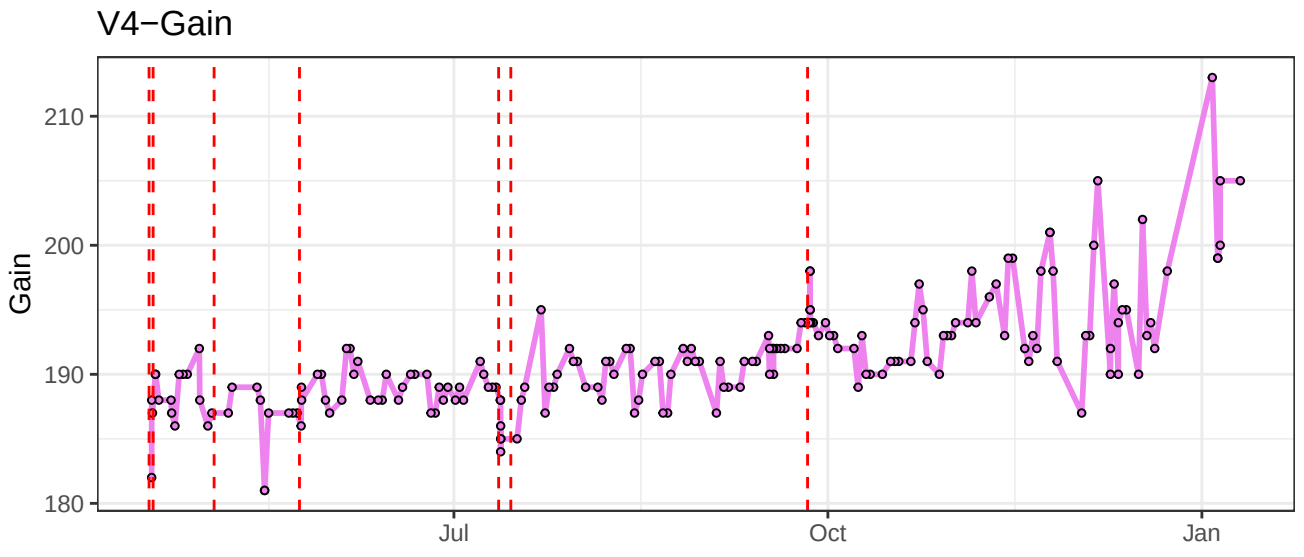

UV11−Gain
Gain
1200
1000
800
600
400
Jul
Oct
Jan

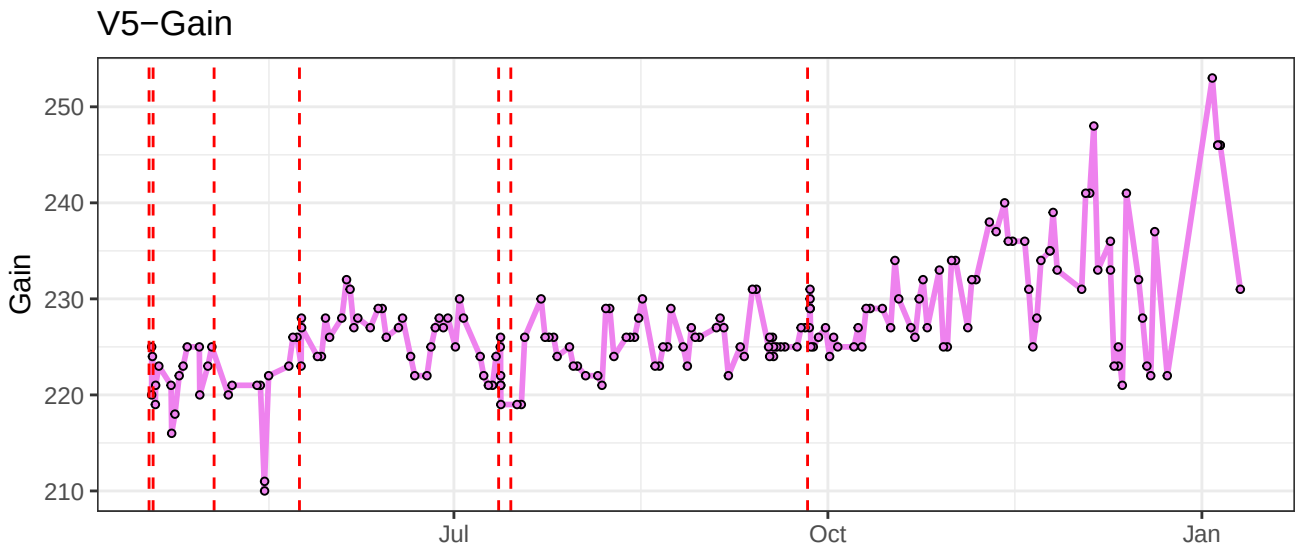

UV12−Gain
Gain
600
550
500
450
400
Jul
Oct
Jan
UV13−Gain
Gain
6000
4000
2000
Jul
Oct
Jan
UV14−Gain
Gain
10000
7500
5000
2500
Jul
Oct
Jan

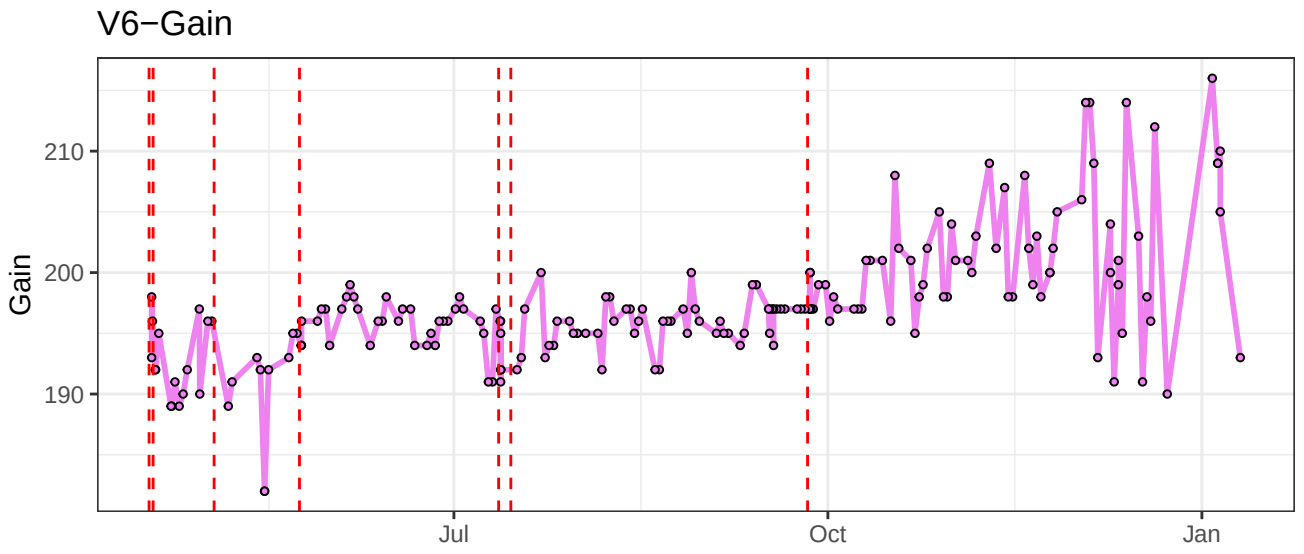

UV15−Gain
Gain
6000
4000
2000
Jul
Oct
Jan
UV16−Gain
Gain
7500
5000
2500
Jul
Oct
Jan
V1−Gain
Gain
340
320
300
280
Jul
Oct
Jan

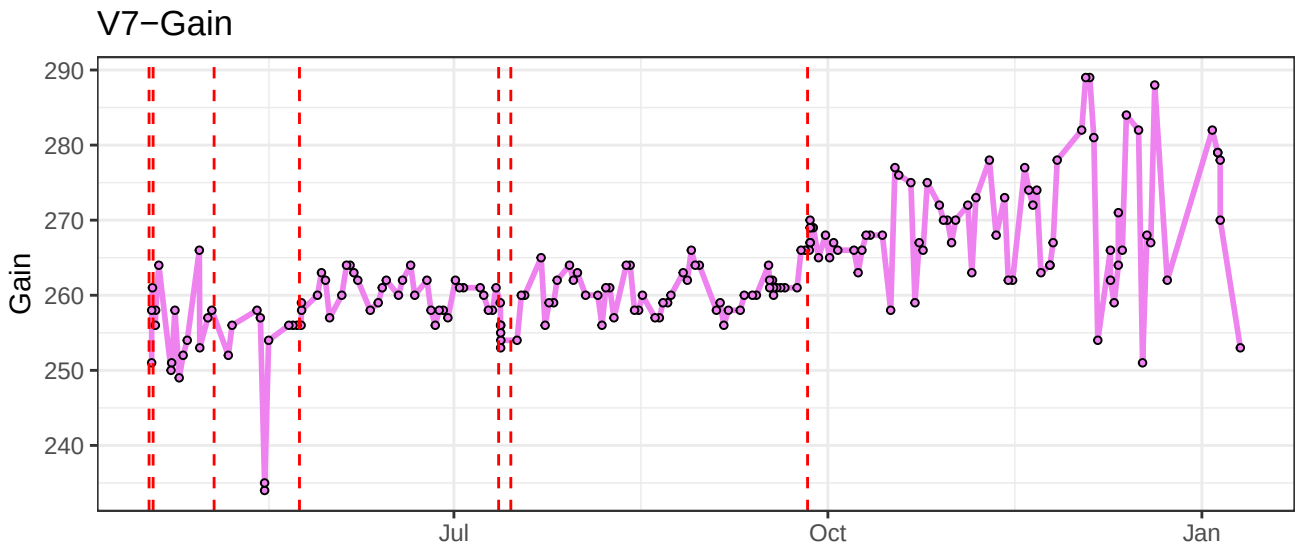

V2−Gain
Gain
380
360
340
Jul
Oct
Jan

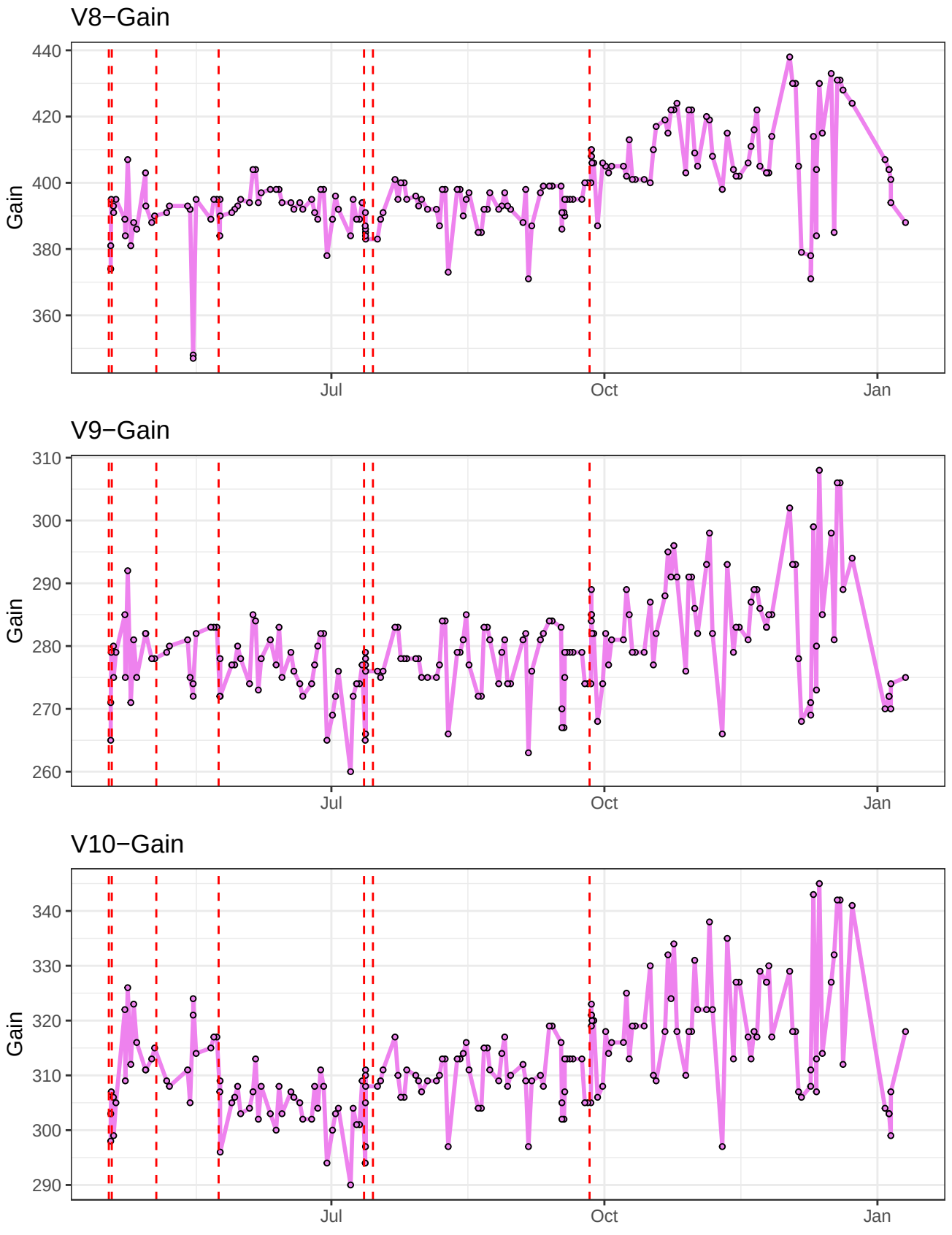

V3−Gain
Gain
280
270
260
250
Jul
Oct
Jan


V4−Gain
Gain
210
200
190
180
Jul
Oct
Jan


V5−Gain
Gain
250
240
230
220
210
Jul
Oct
Jan


V6−Gain
Gain
210
200
190
Jul
Oct
Jan


V7−Gain
Gain
290
280
270
260
250
240
Jul
Oct
Jan


V8−Gain
Gain
440
420
400
380
360
Jul
Oct
Jan
V9−Gain
Gain
310
300
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280
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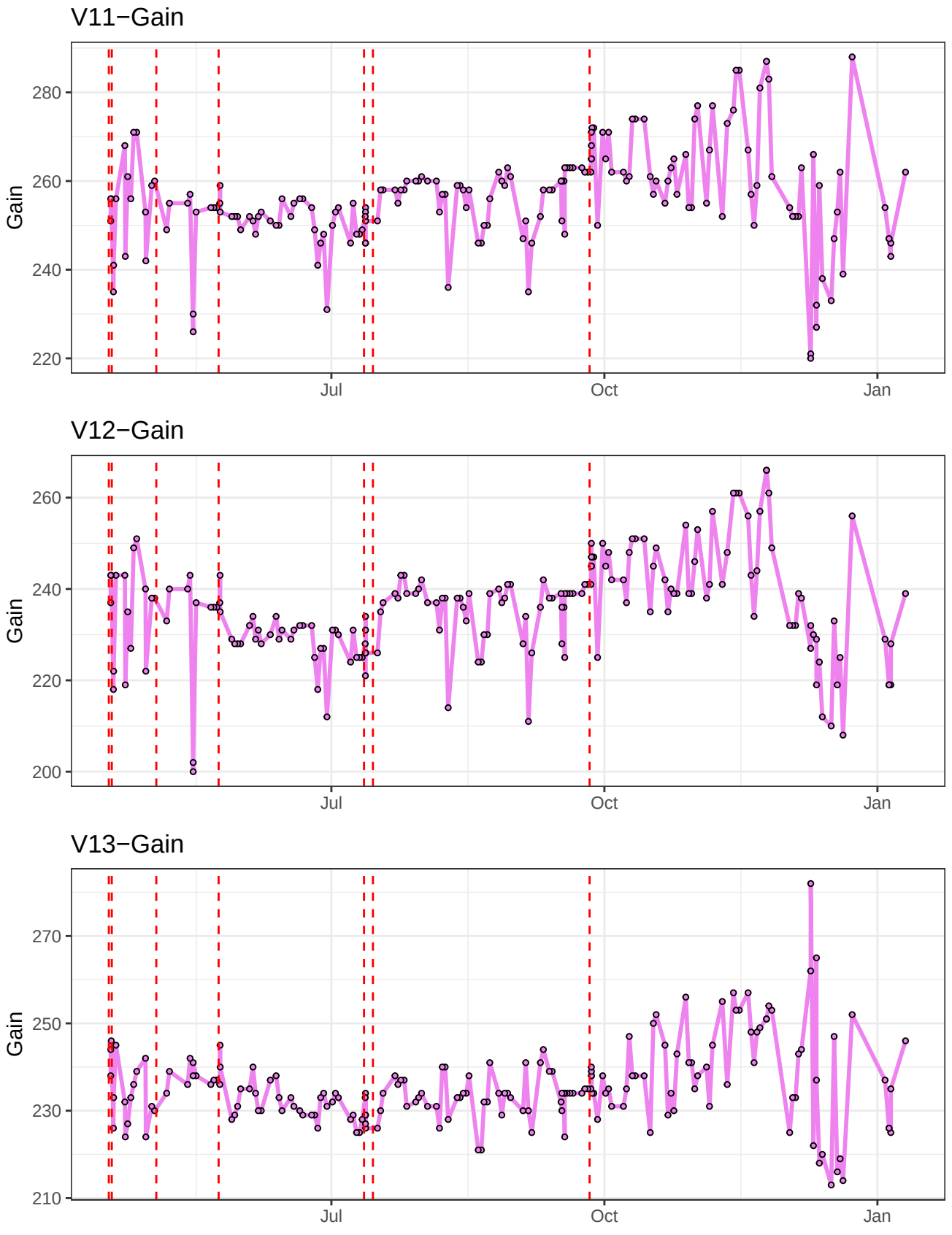
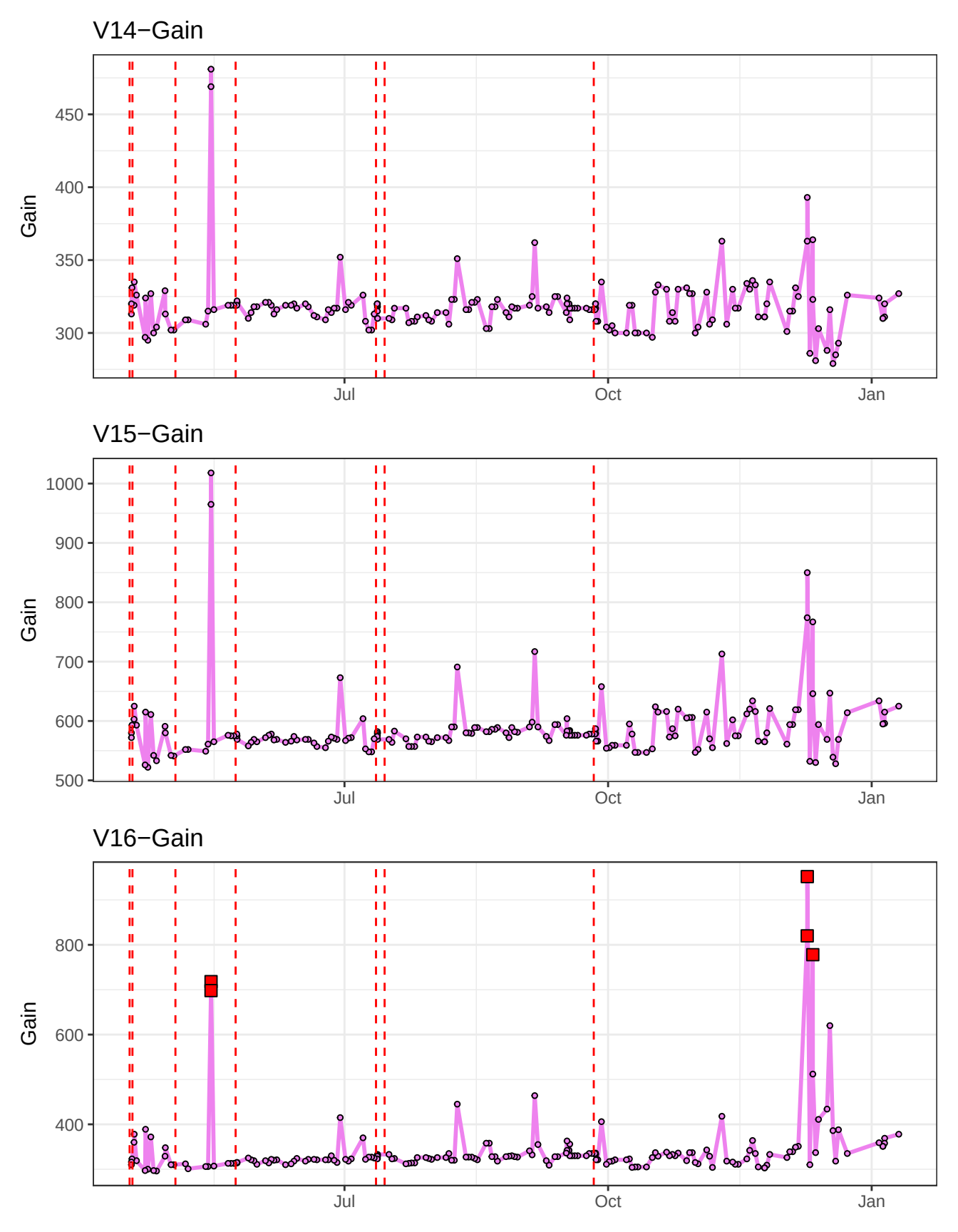
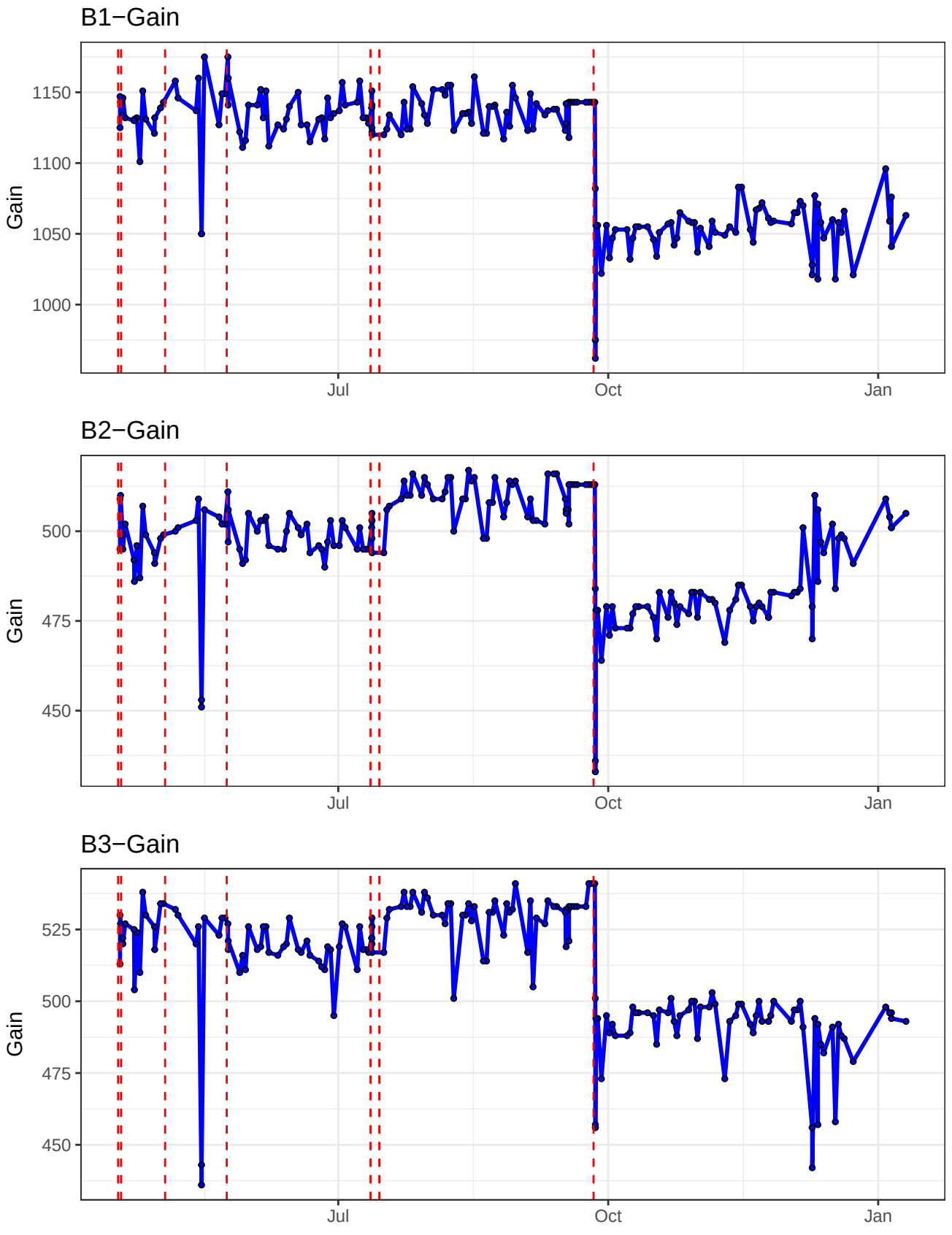
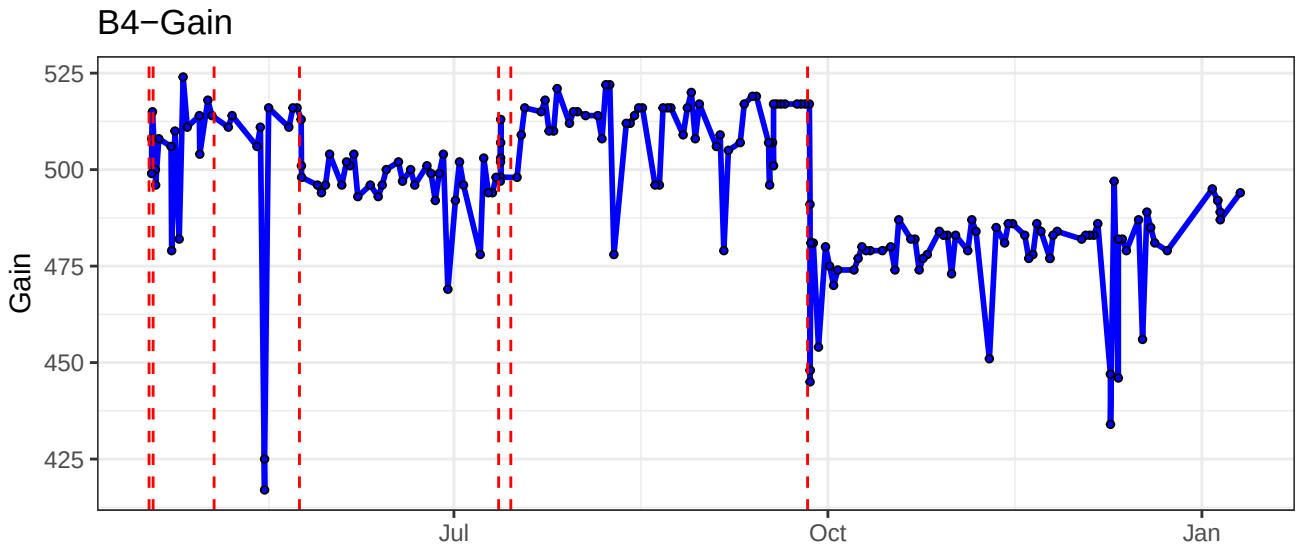
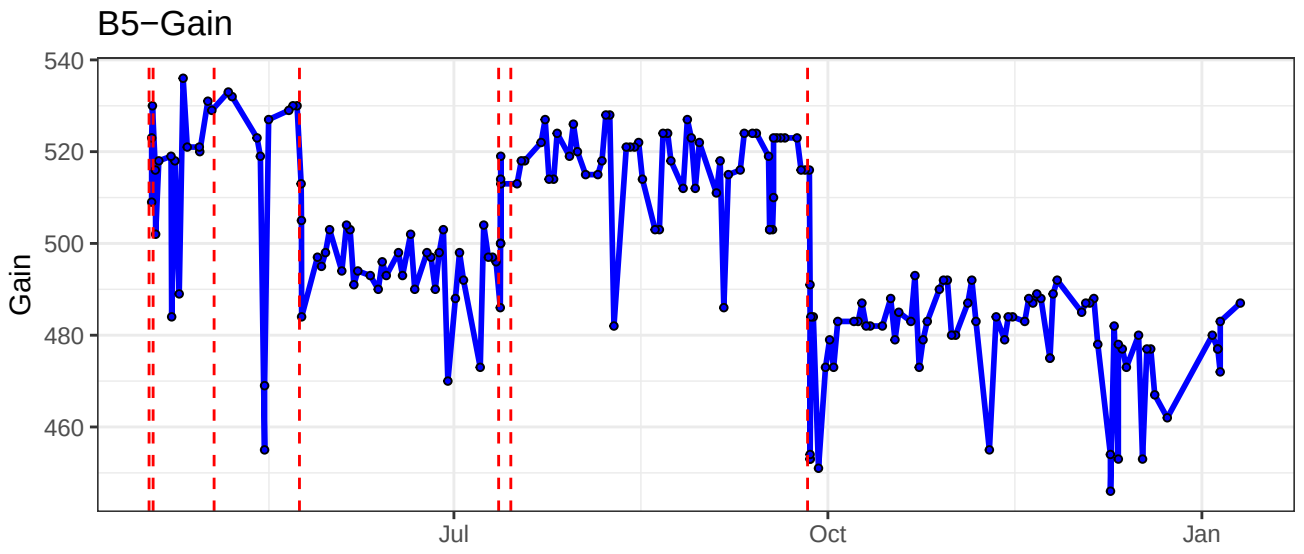
Jul
Oct
Jan
V10−Gain
Gain
340
330
320
310
300
290
Jul
Oct
Jan

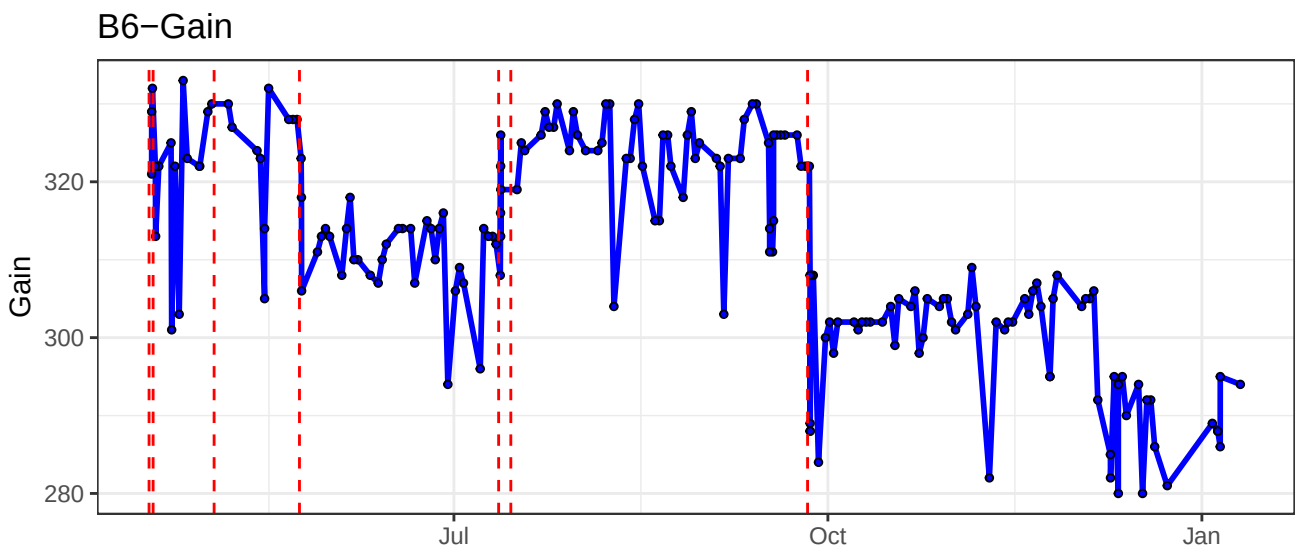

V11−Gain
Gain
280
260
240
220
Jul
Oct
Jan
V12−Gain
Gain
260
240
220
200
Jul
Oct
Jan
V13−Gain
Gain
270
250
230
210
Jul
Oct
Jan

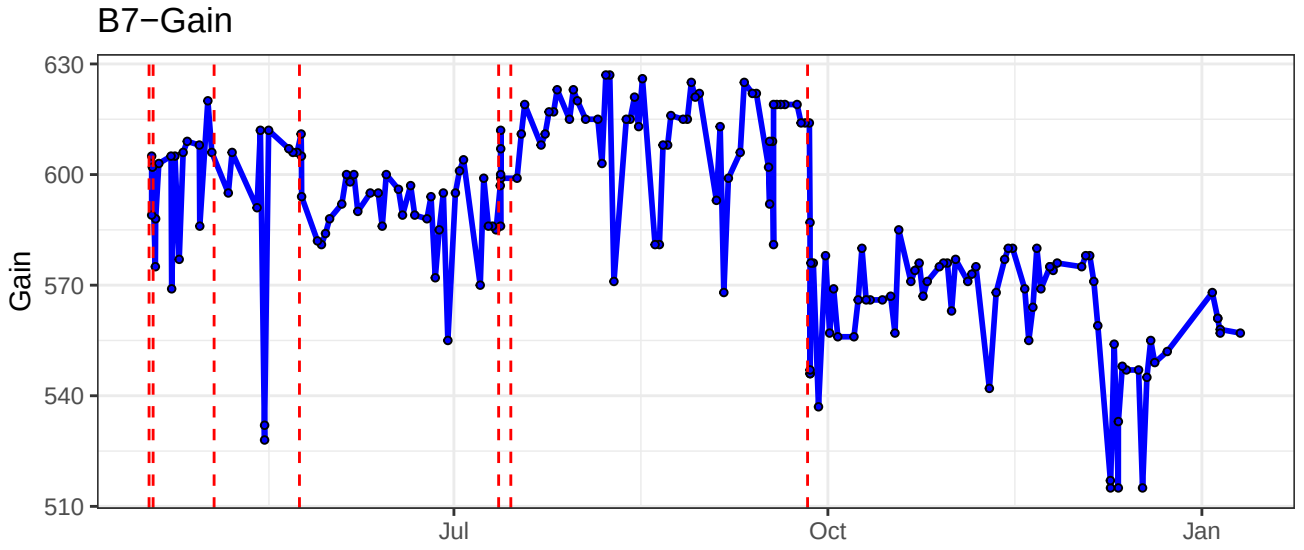

V14−Gain
Gain
450
400
350
300
Jul
Oct
Jan
V15−Gain
Gain
1000
900
800
700
600
500
Jul
Oct
Jan
V16−Gain
Gain
800
600
400
Jul
Oct
Jan

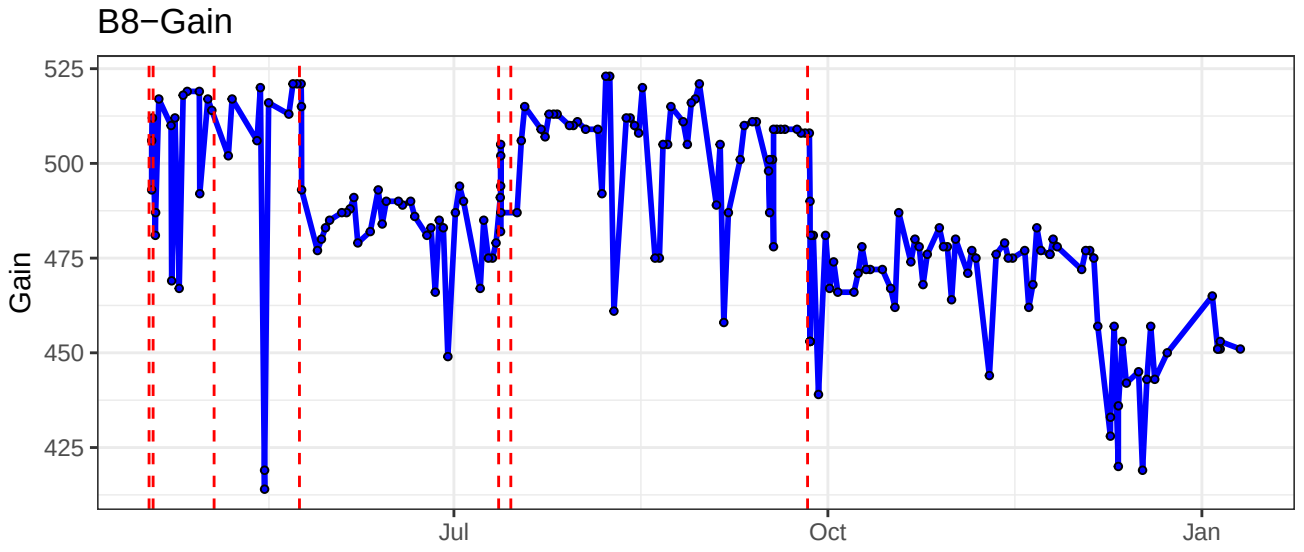

B1−Gain
Gain
1150
1100
1050
1000
Jul
Oct
Jan
B2−Gain
Gain
500
475
450
Jul
Oct
Jan
B3−Gain
Gain
525
500
475
450
Jul
Oct
Jan

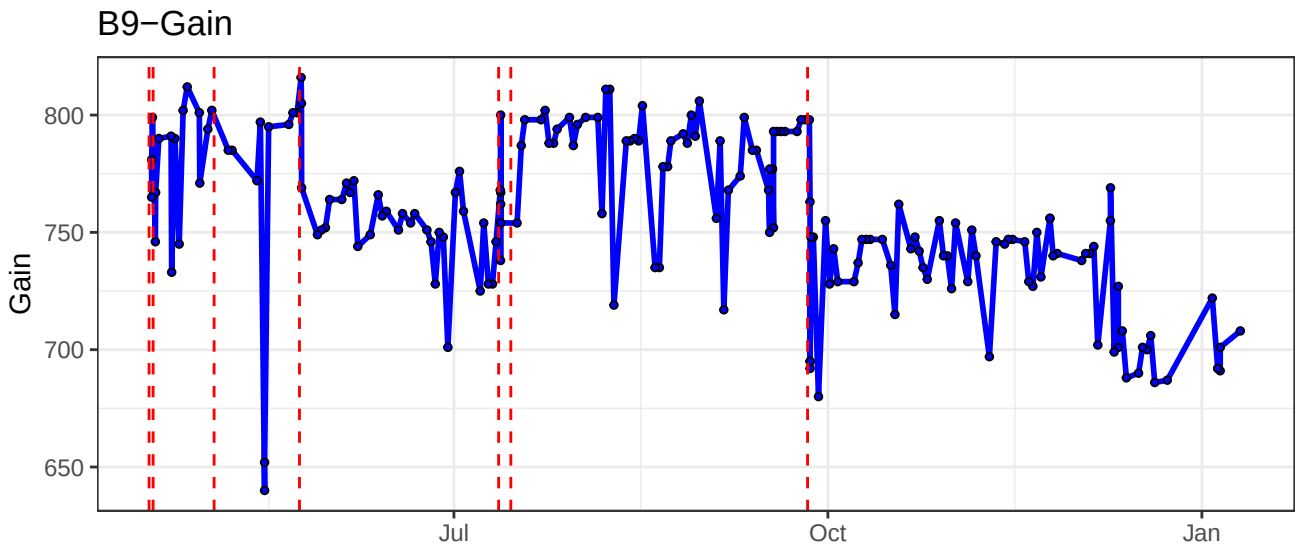

B4−Gain
Gain
525
500
475
450
425
Jul
Oct
Jan

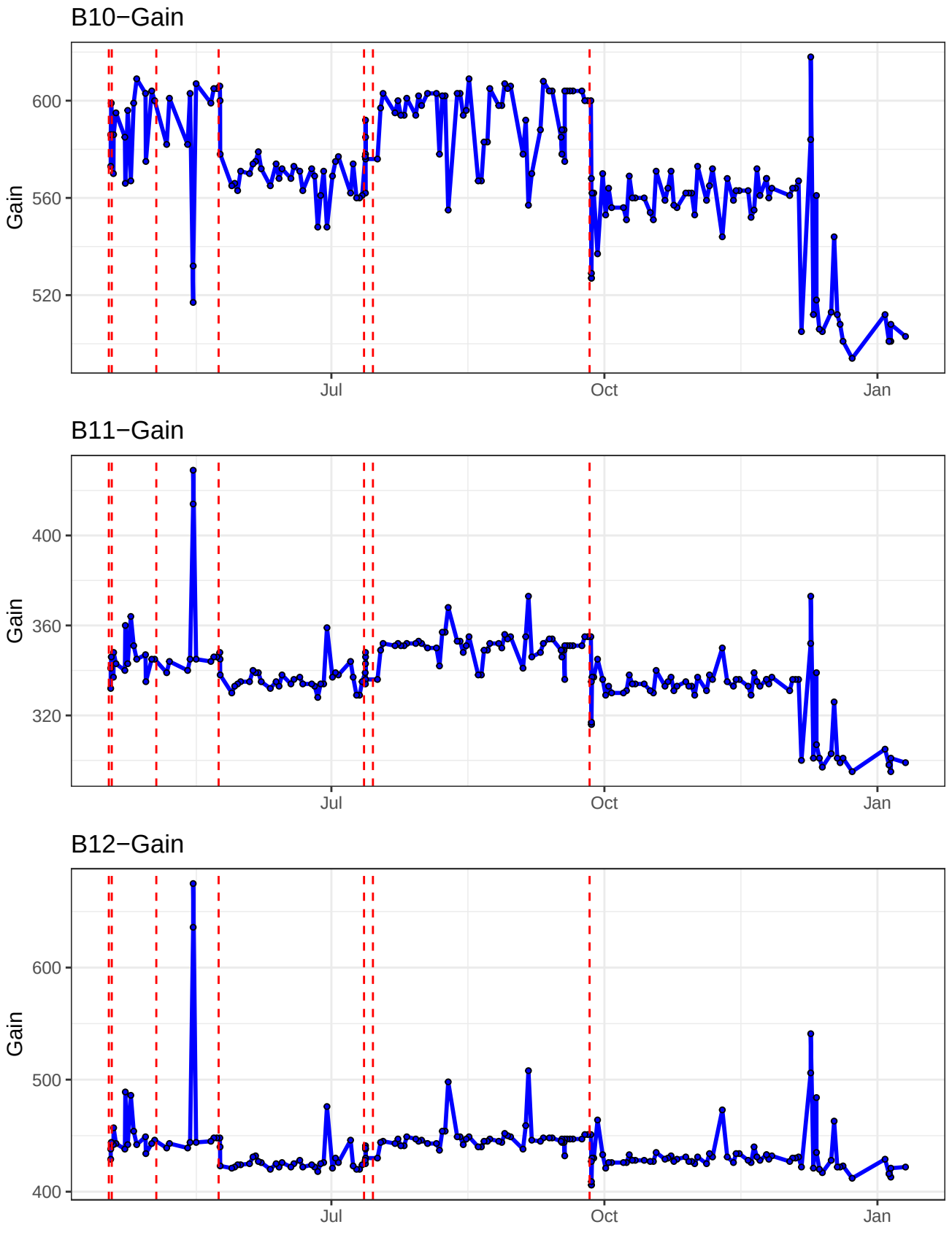

B5−Gain
Gain
540
520
500
480
460
Jul
Oct
Jan

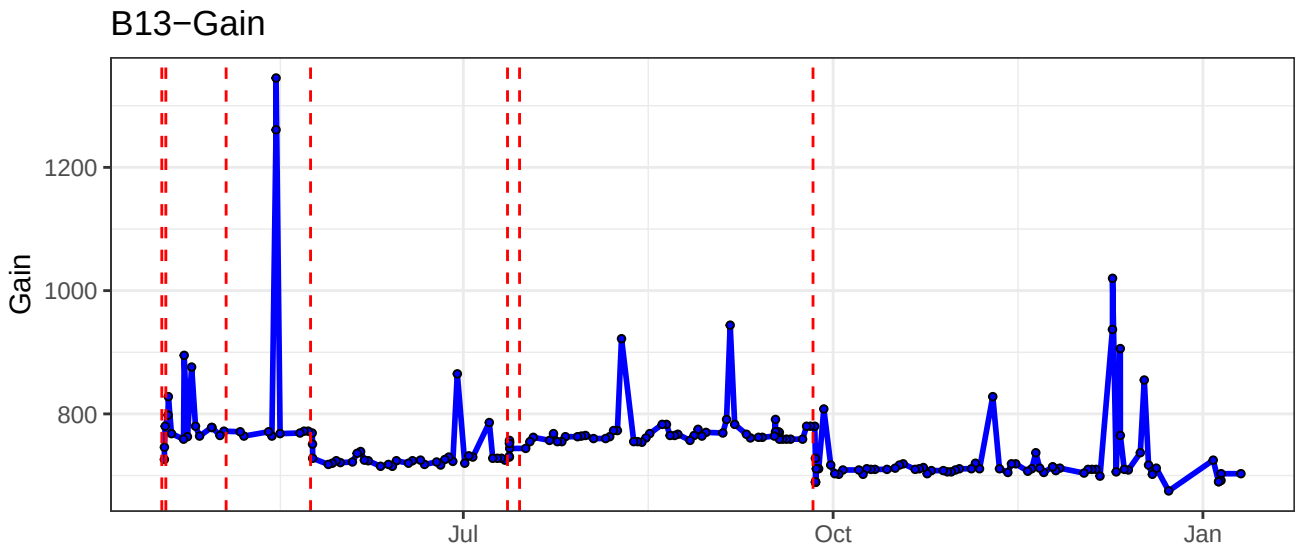

B6−Gain
Gain
320
300
280
Jul
Oct
Jan

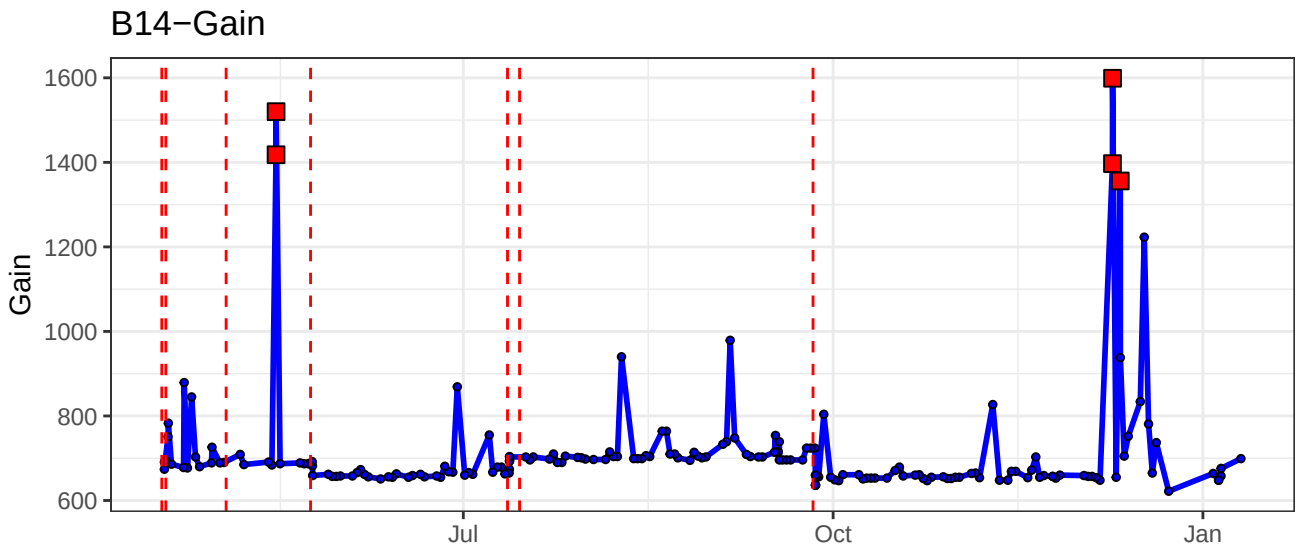

B7−Gain
Gain
630
600
570
540
510
Jul
Oct
Jan

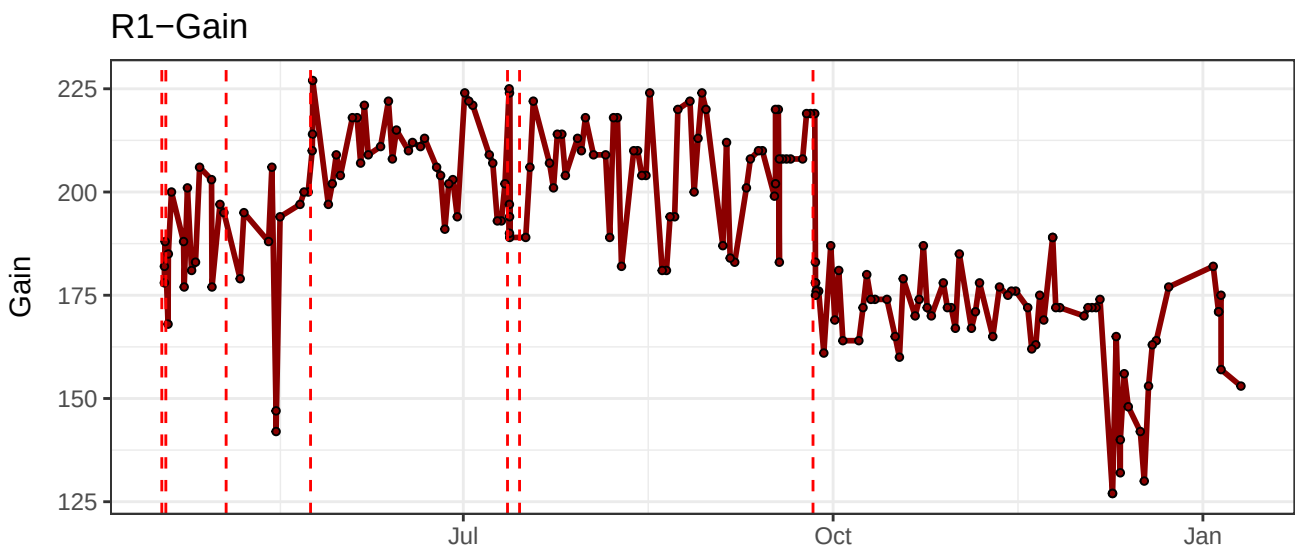

B8−Gain
Gain
525
500
475
450
425
Jul
Oct
Jan

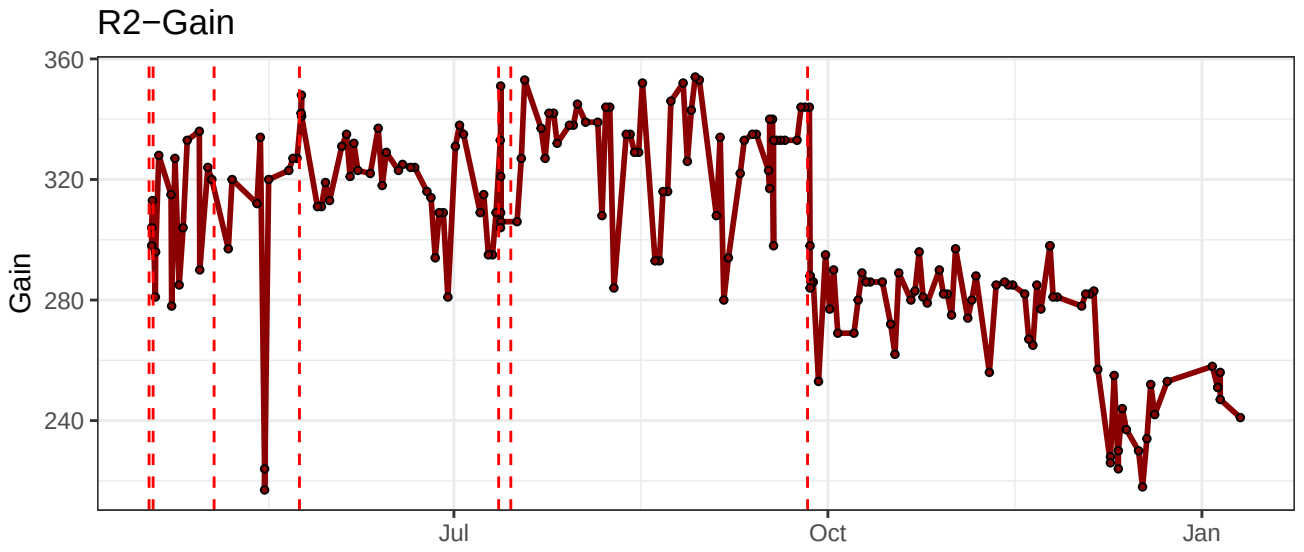

B9−Gain
Gain
800
750
700
650
Jul
Oct
Jan

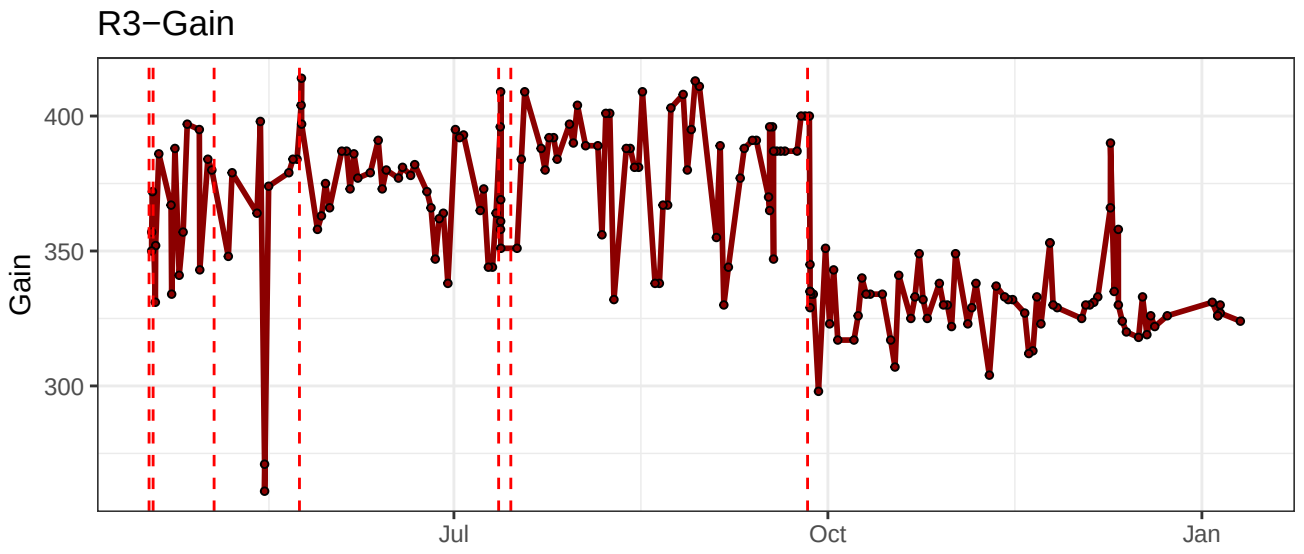

B10−Gain
Gain
600
560
520
Jul
Oct
Jan
B11−Gain
Gain
400
360
320
Jul
Oct
Jan
B12−Gain
Gain
600
500
400
Jul
Oct
Jan

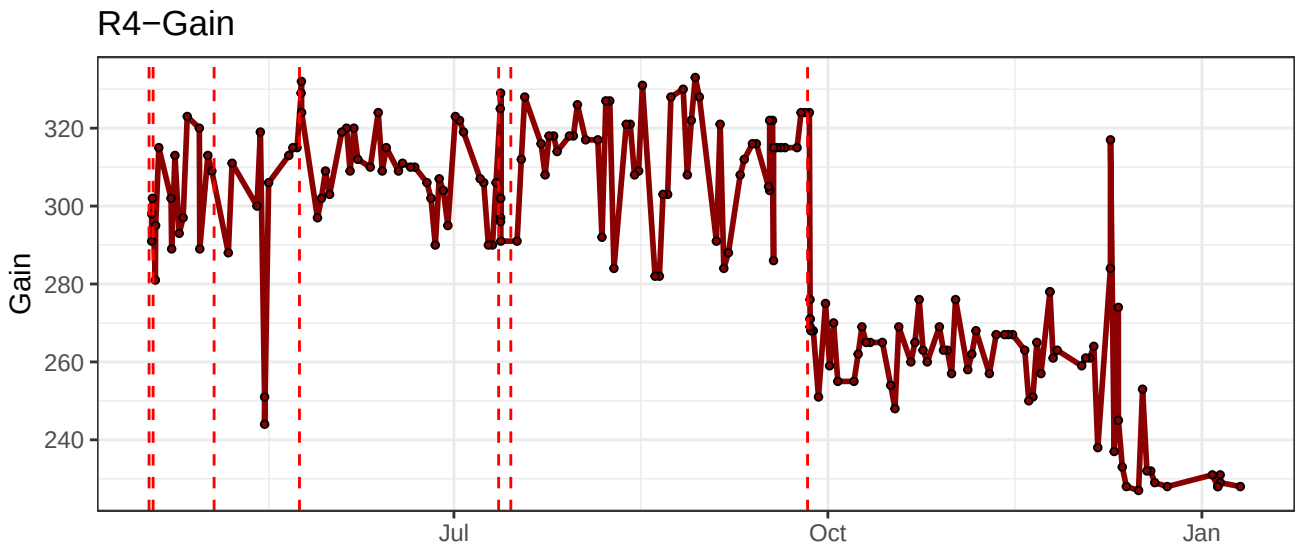

B13−Gain
Gain
1200
1000
800
Jul
Oct
Jan

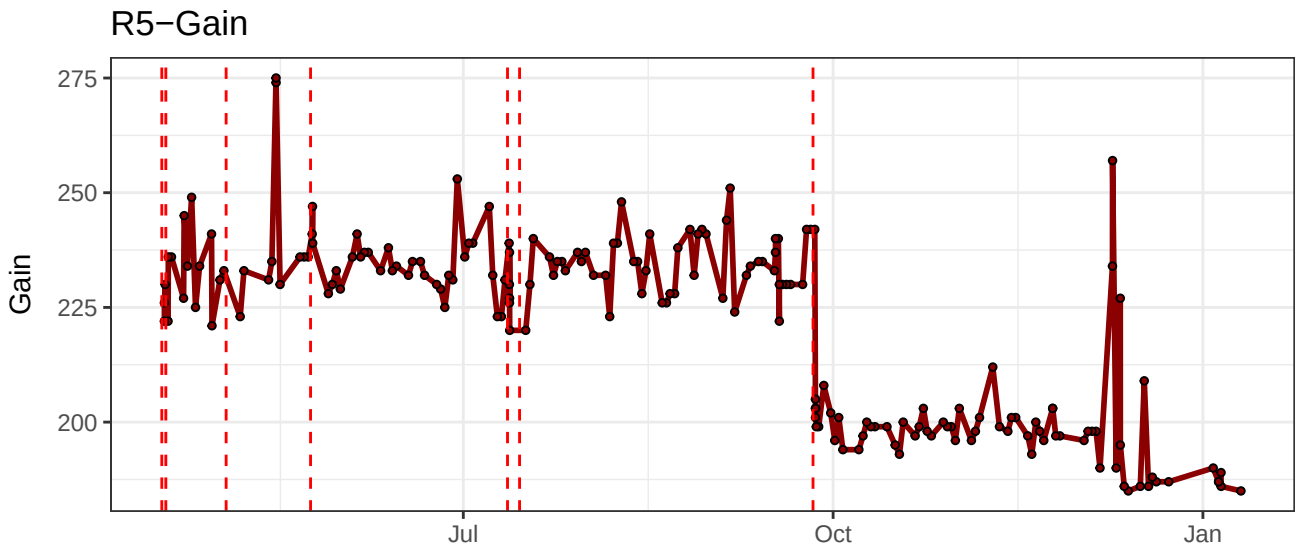

B14−Gain
Gain
1600
1400
1200
1000
800
600
Jul
Oct
Jan

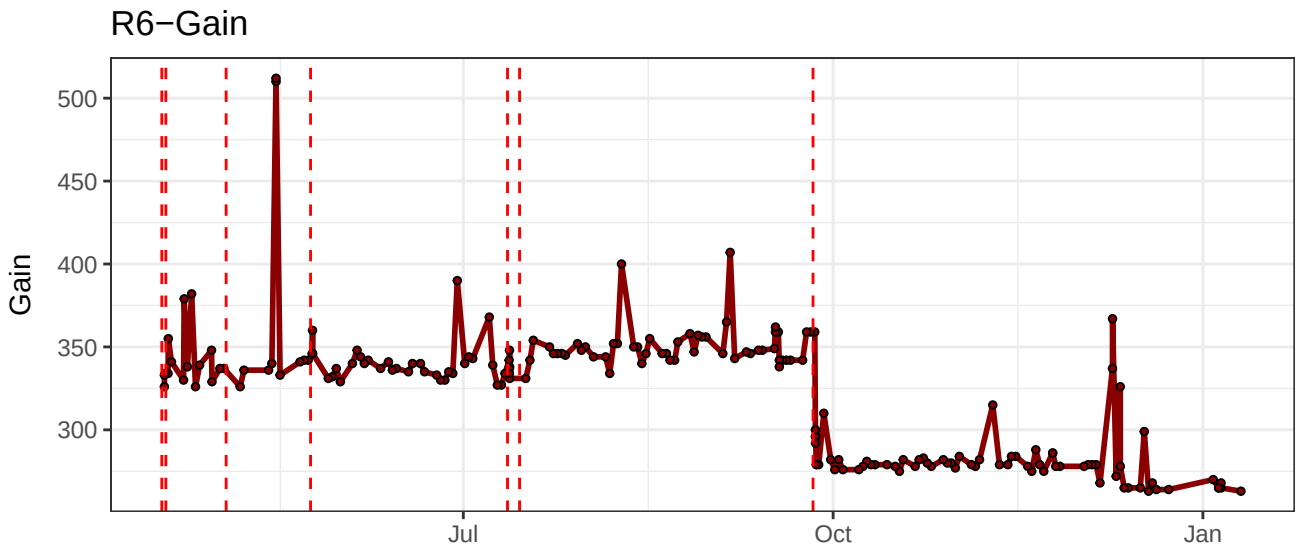

R1−Gain
Gain
225
200
175
150
125
Jul
Oct
Jan

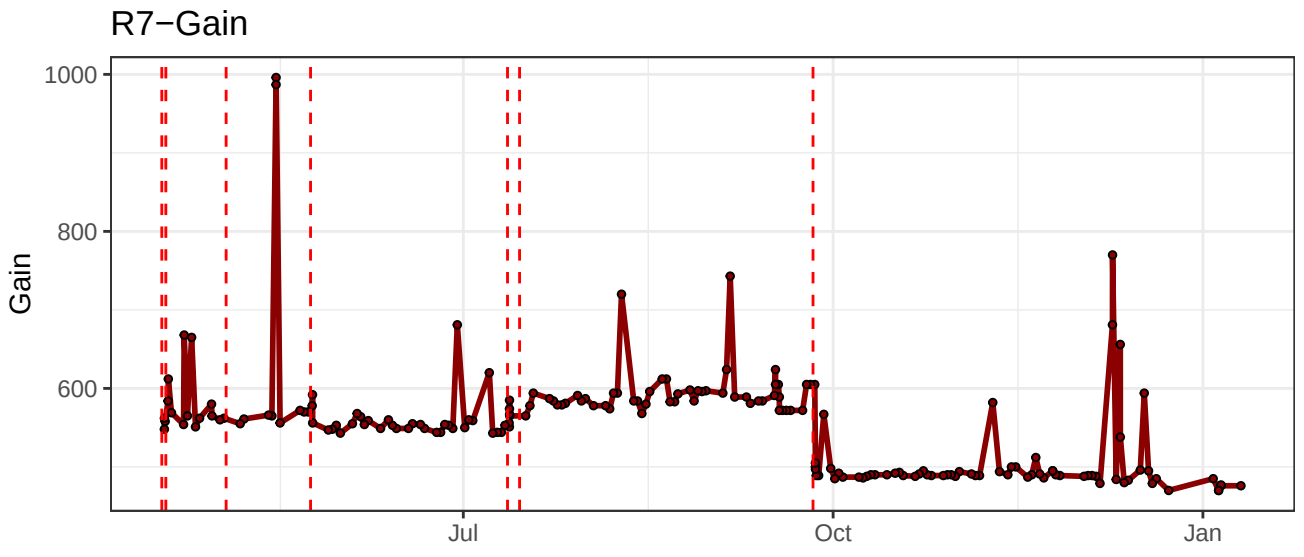

R2−Gain
Gain
360
320
280
240
Jul
Oct
Jan

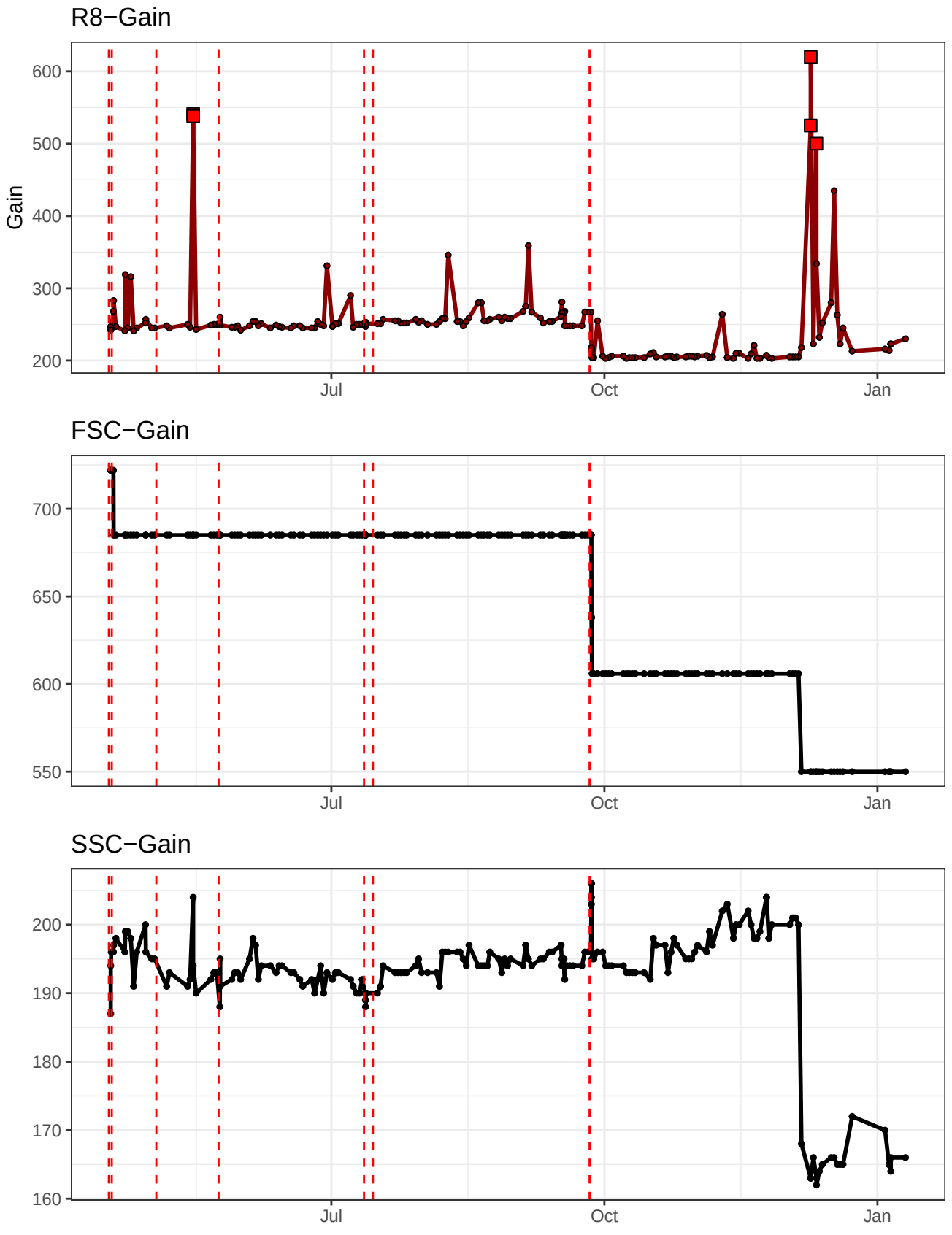

R3−Gain
Gain
400
350
300
Jul
Oct
Jan

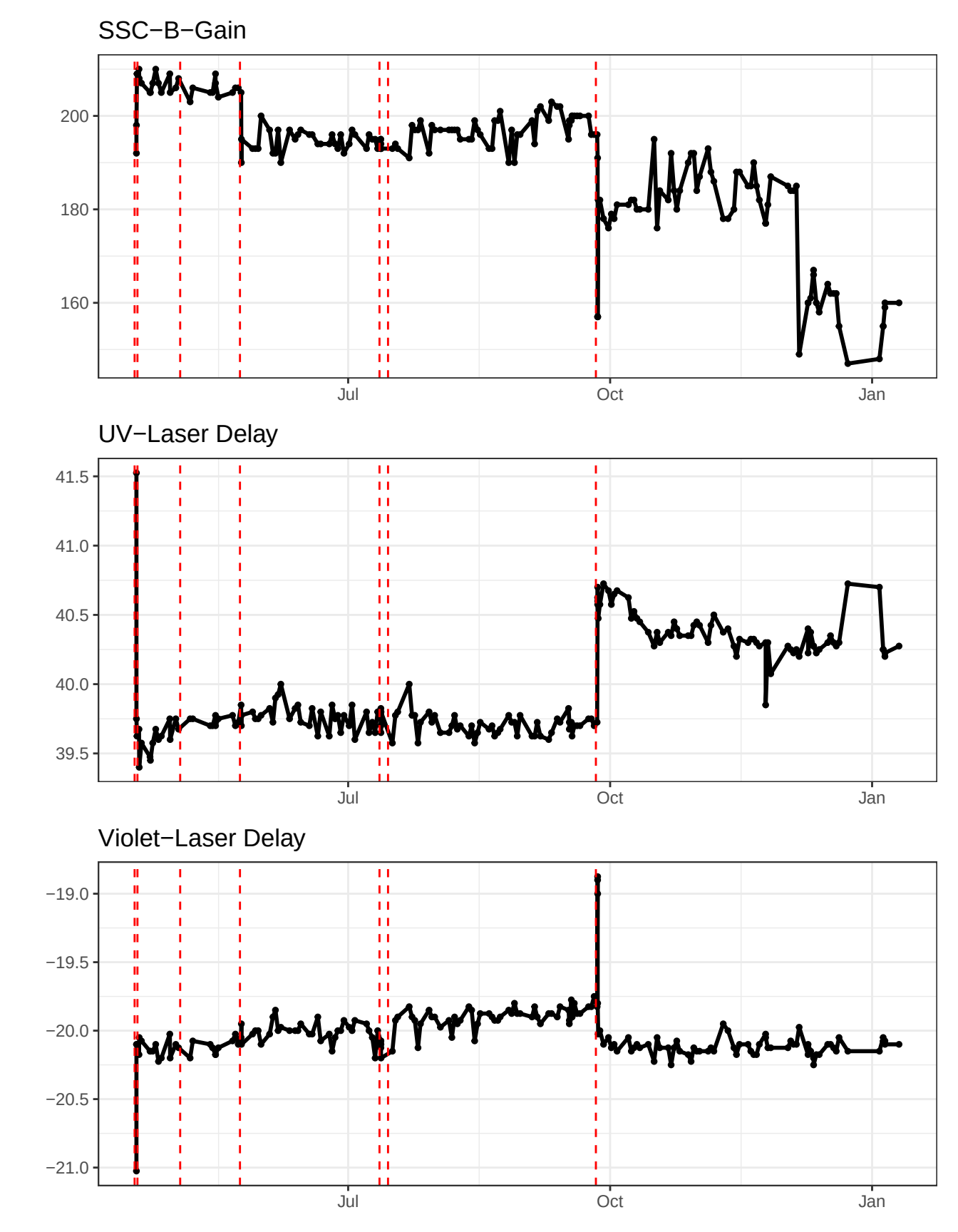

R4−Gain
Gain
320
300
280
260
240
Jul
Oct
Jan

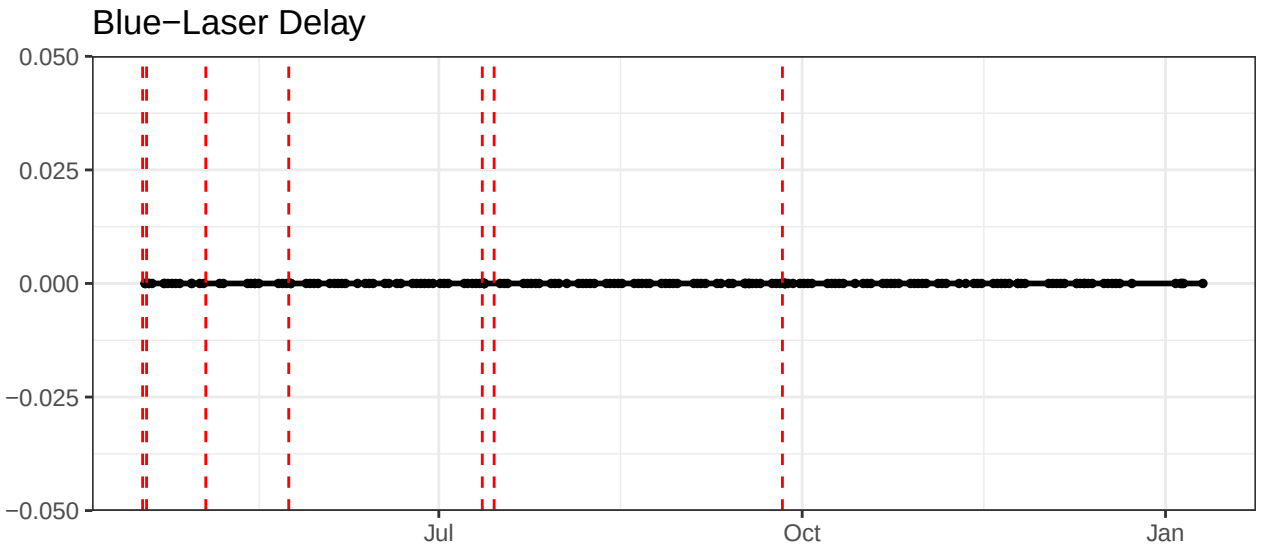

R5−Gain
Gain
275
250
225
200
Jul
Oct
Jan

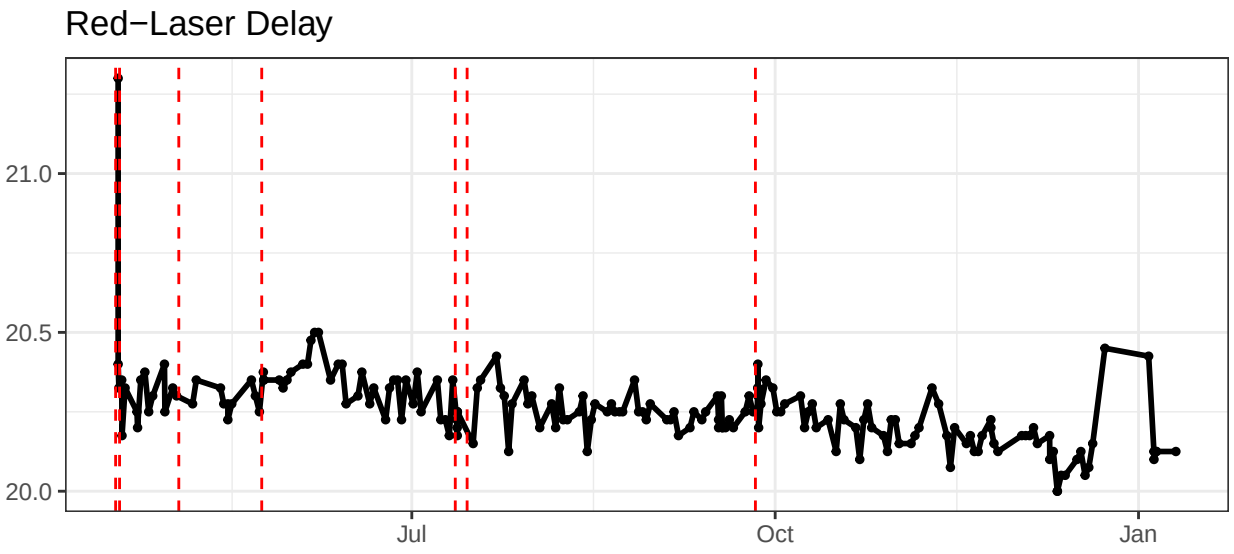

R6−Gain
Gain
500
450
400
350
300
Jul
Oct
Jan

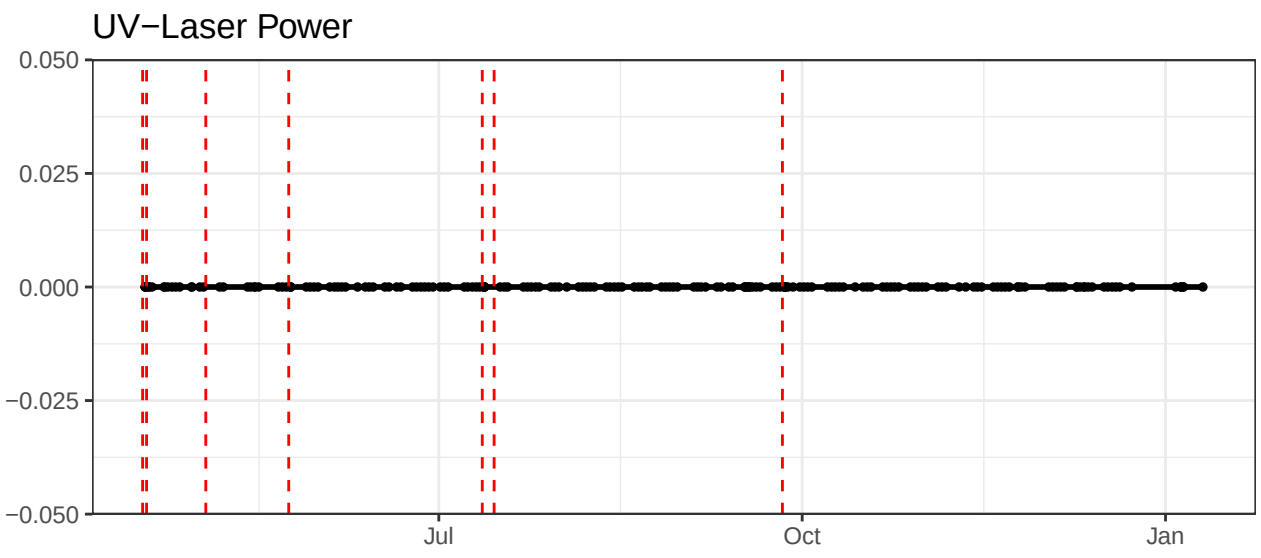

R7−Gain
Gain
1000
800
600
Jul
Oct
Jan


R8−Gain
Gain
600
500
400
300
200
Jul
Oct
Jan
FSC−Gain
700
650
600
550
Jul
Oct
Jan
SSC−Gain
200
190
180
170
160
Jul
Oct
Jan

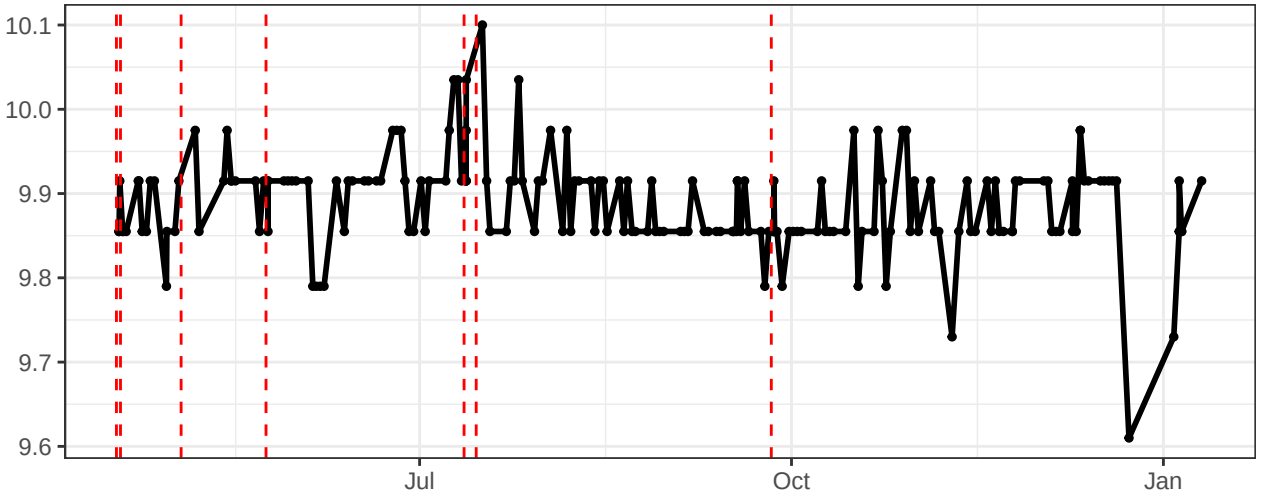

SSC−B−Gain
200
180
160
Jul
Oct
Jan
UV−Laser Delay
41.5
41.0
40.5
40.0
39.5
Jul
Oct
Jan
Violet−Laser Delay
−19.0
−19.5
−20.0
−20.5
−21.0
Jul
Oct
Jan


Blue−Laser Delay
0.050
0.025
0.000
−0.025
−0.050
Jul
Oct
Jan

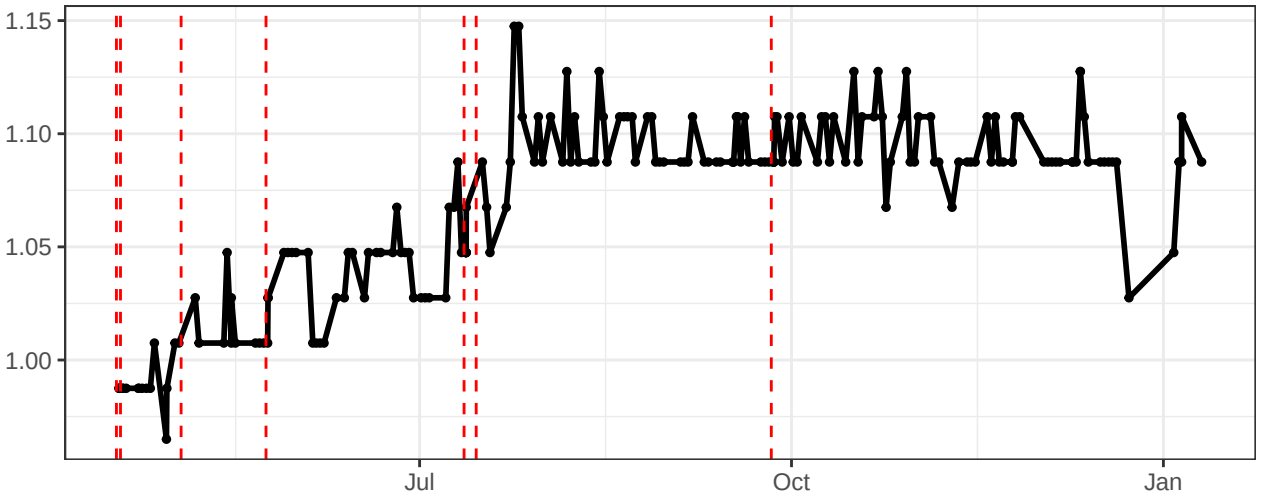

Red−Laser Delay
21.0
20.5
20.0
Jul
Oct
Jan


UV−Laser Power
0.050
0.025
0.000
−0.025
−0.050
Jul
Oct
Jan

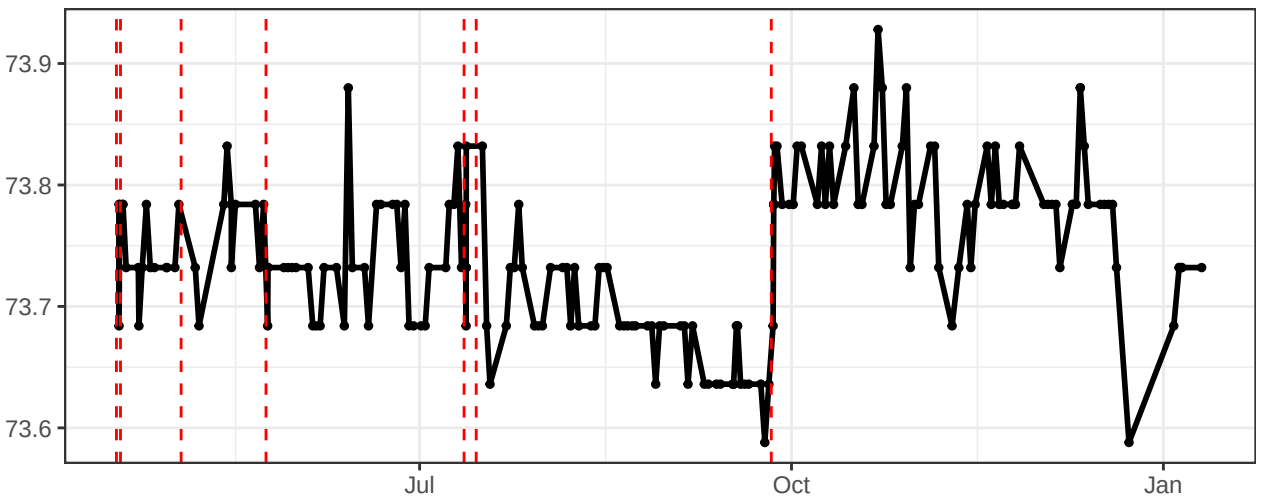
Violet−Laser Power

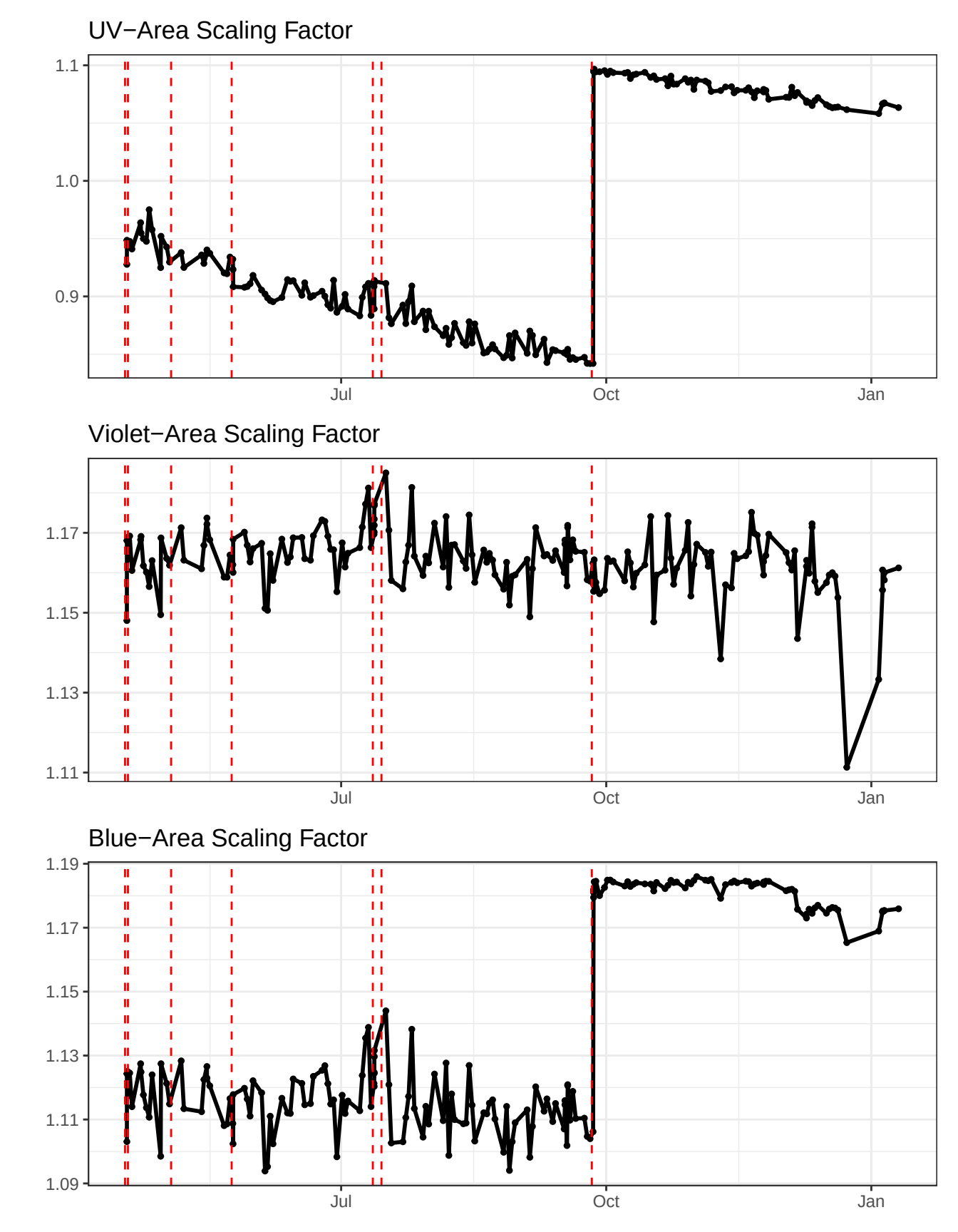


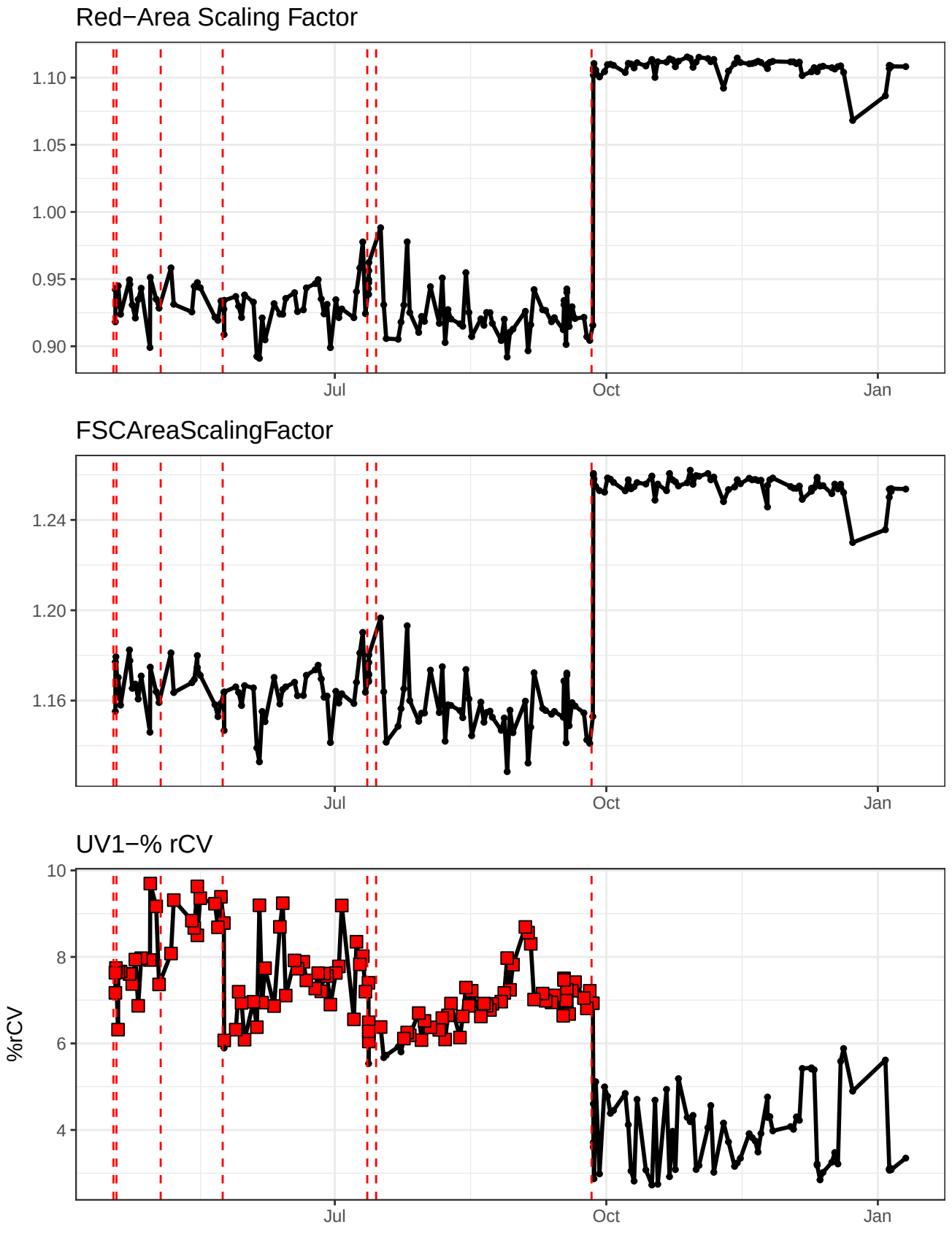

Blue−Laser Power

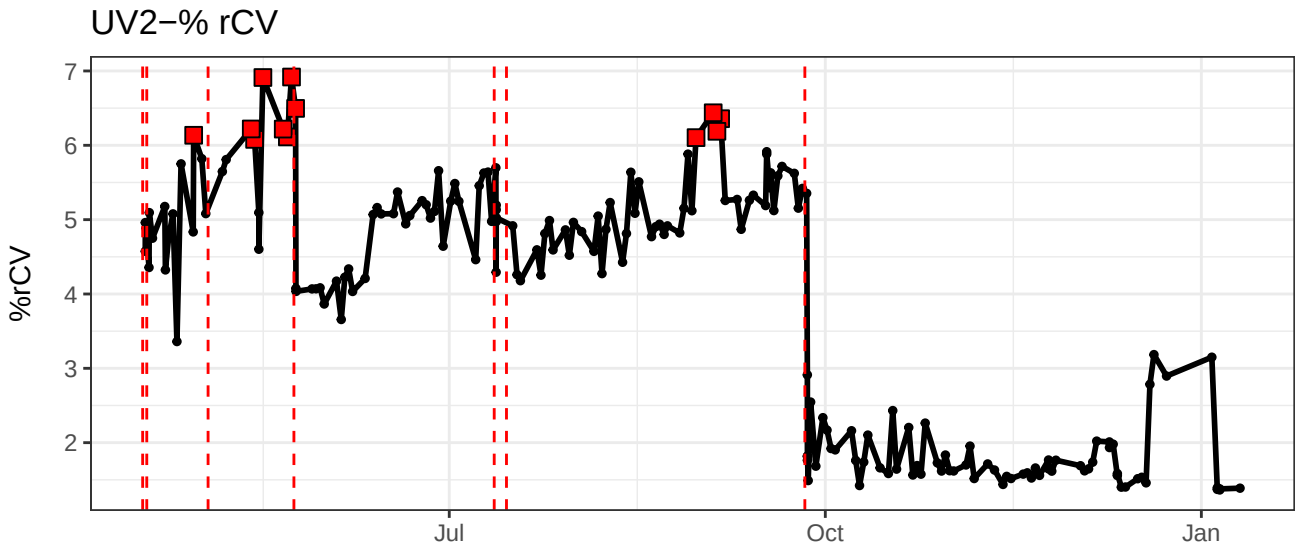


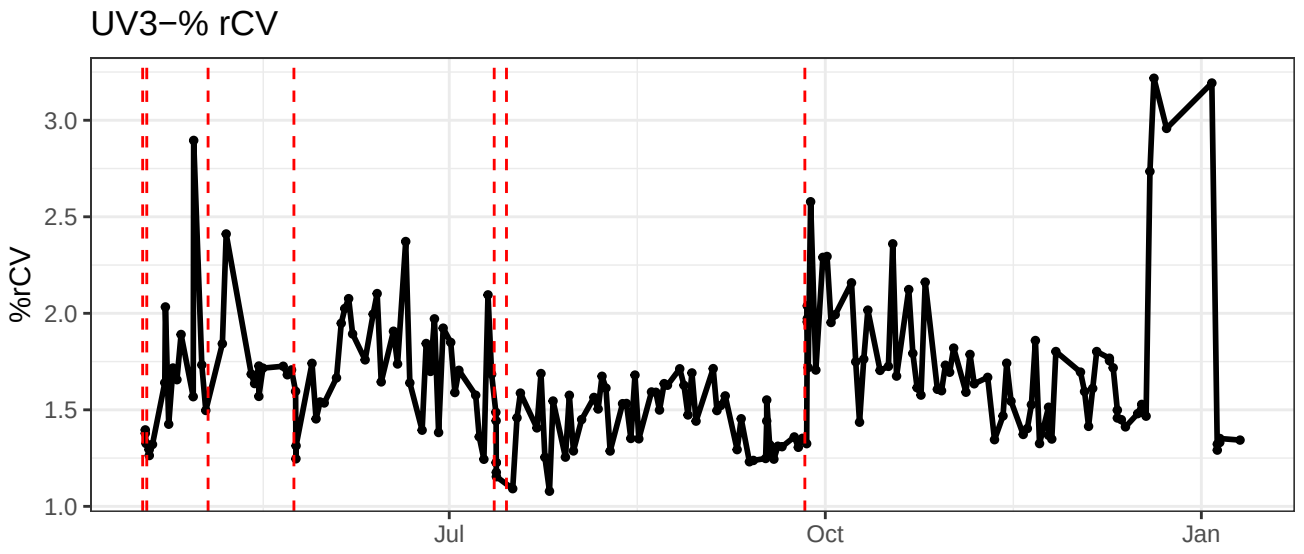

Red−Laser Power

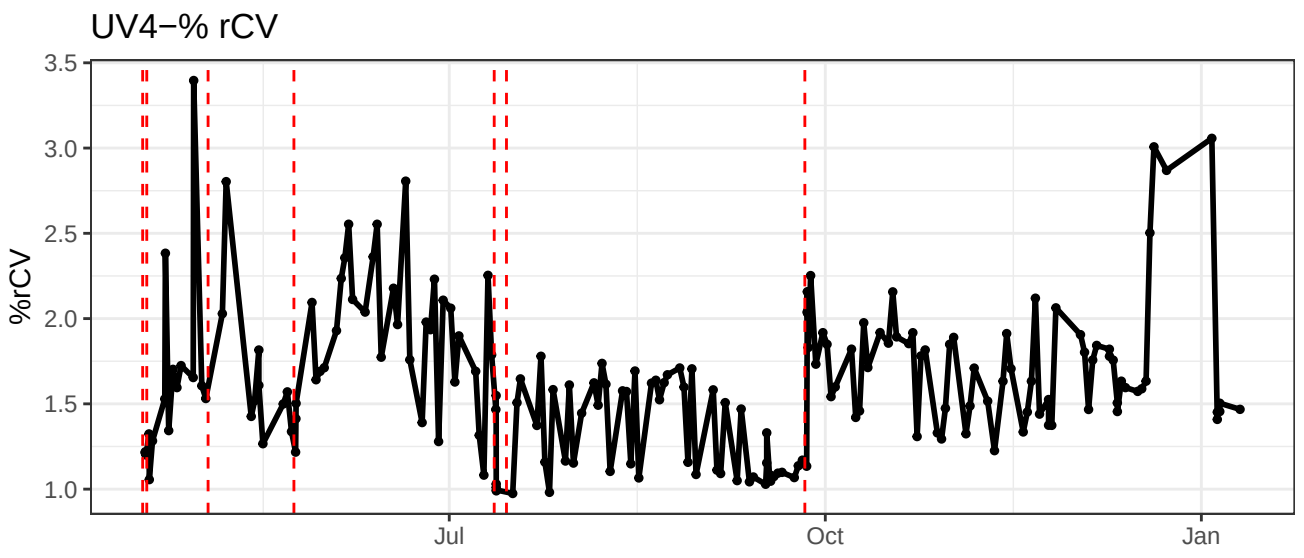



UV−Area Scaling Factor
1.1
1.0
0.9
Jul
Oct
Jan
Violet−Area Scaling Factor
1.17
1.15
1.13
1.11
Jul
Oct
Jan
Blue−Area Scaling Factor
1.19
1.17
1.15
1.13
1.11
1.09
Jul
Oct
Jan


Red−Area Scaling Factor
1.10
1.05
1.00
0.95
0.90
Jul
Oct
Jan
FSCAreaScalingFactor
1.24
1.20
1.16
Jul
Oct
Jan
UV1−% rCV
%rCV
10
8
6
4
Jul
Oct
Jan


UV2−% rCV
%rCV
7
6
5
4
3
2
Jul
Oct
Jan


UV3−% rCV
%rCV
3.0
2.5
2.0
1.5
1.0
Jul
Oct
Jan


UV4−% rCV
%rCV
3.5
3.0
2.5
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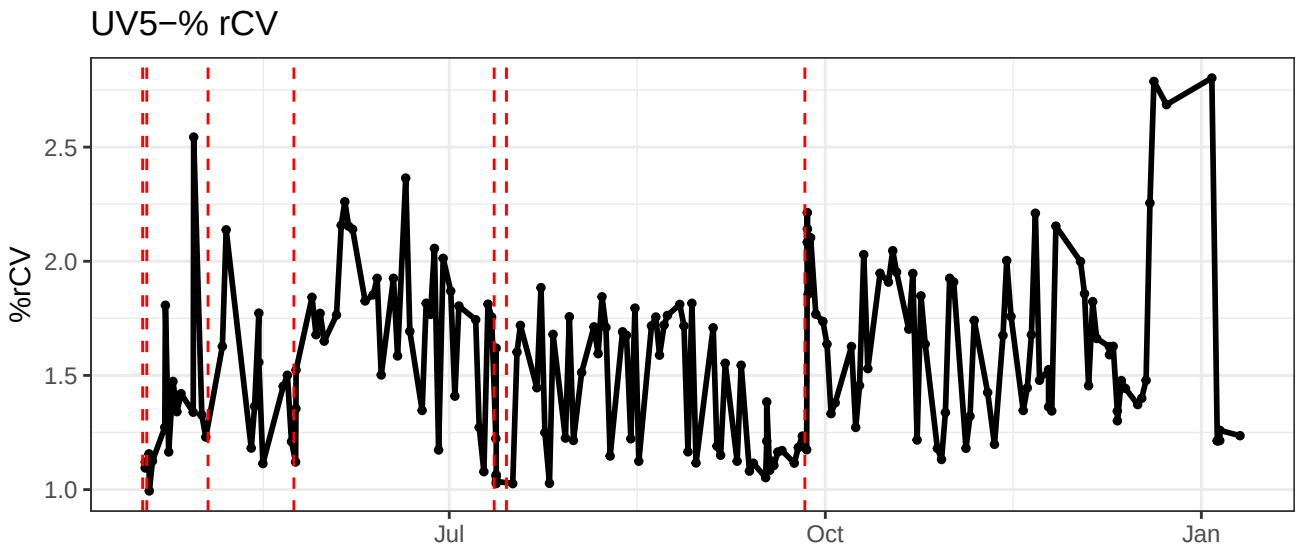
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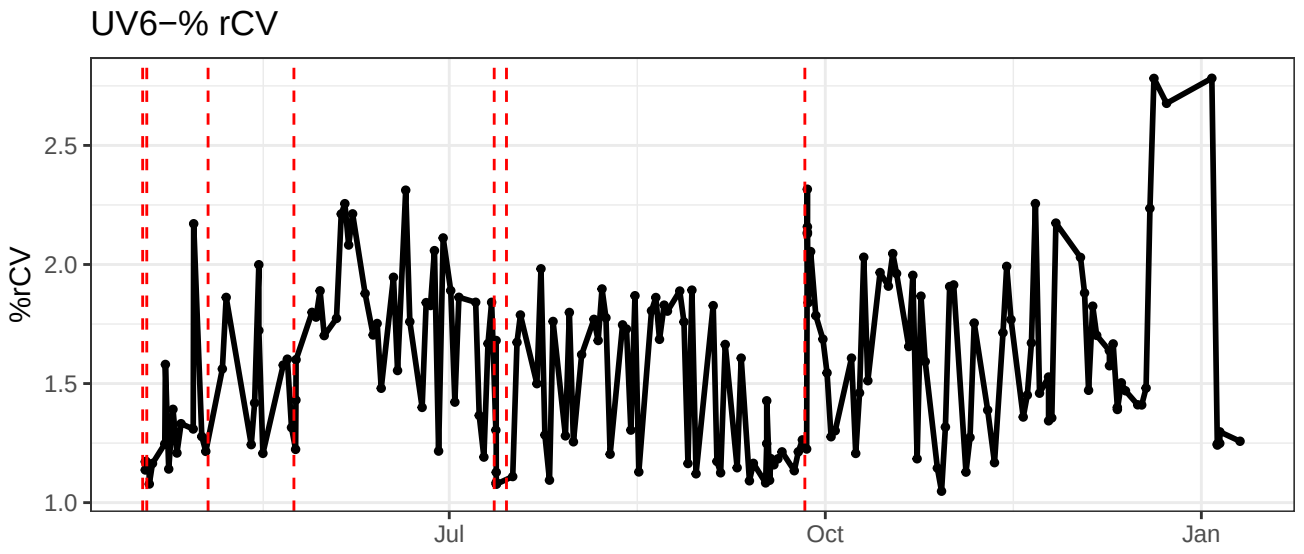
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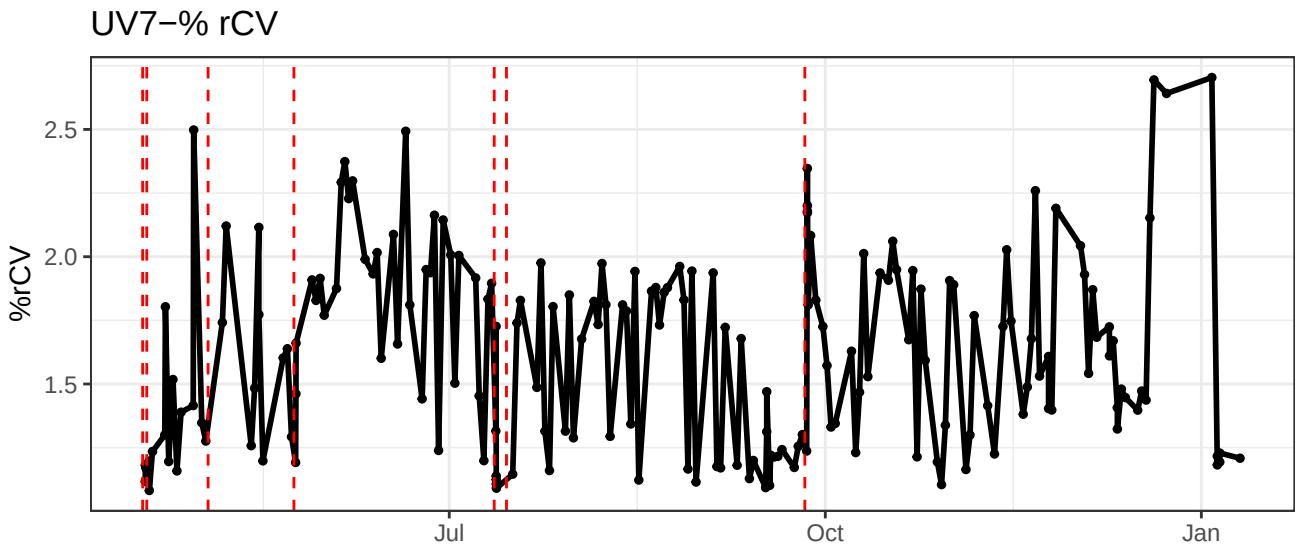
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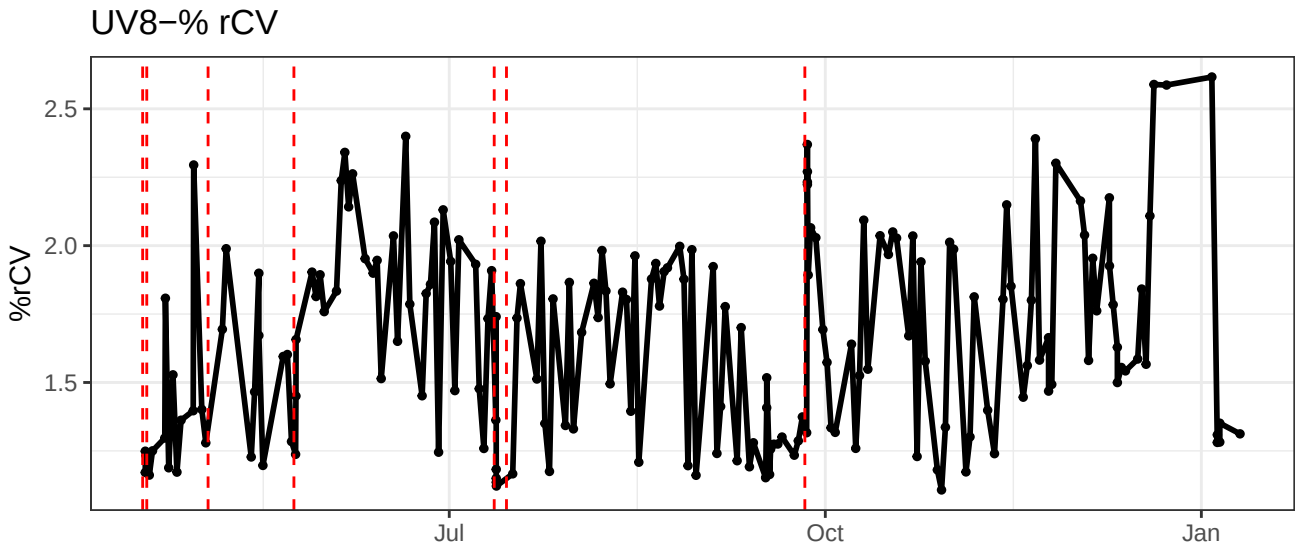
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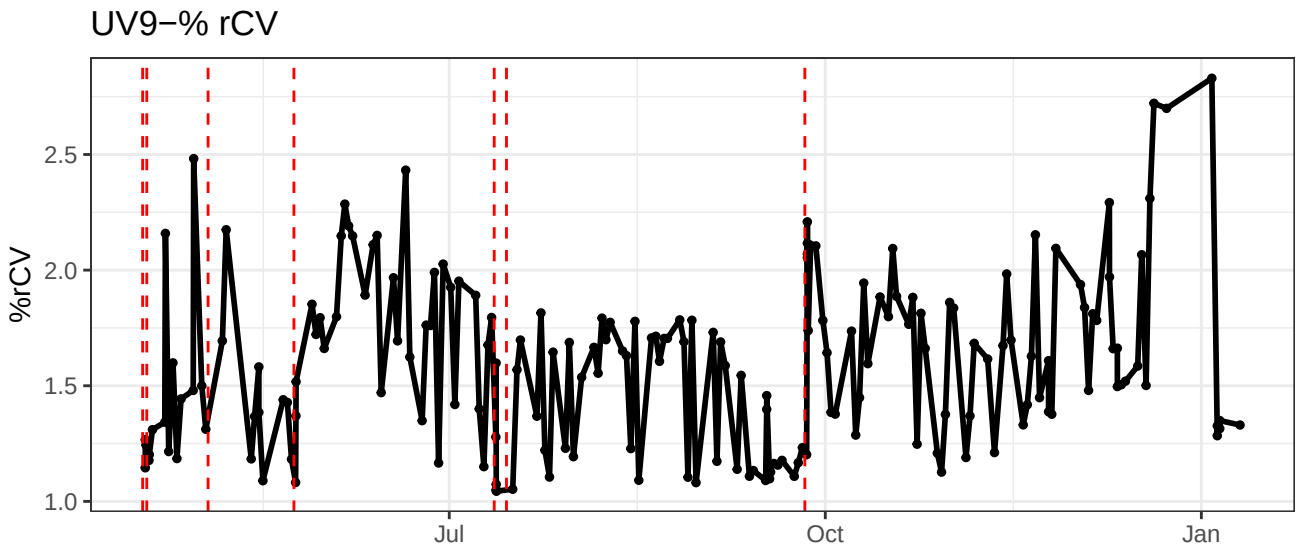
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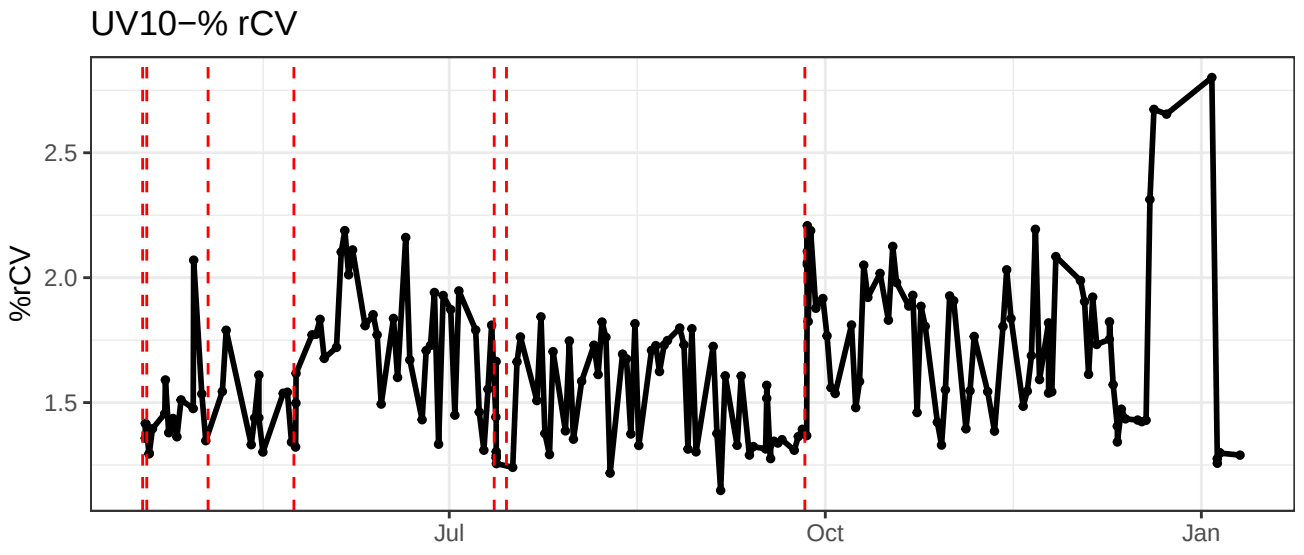
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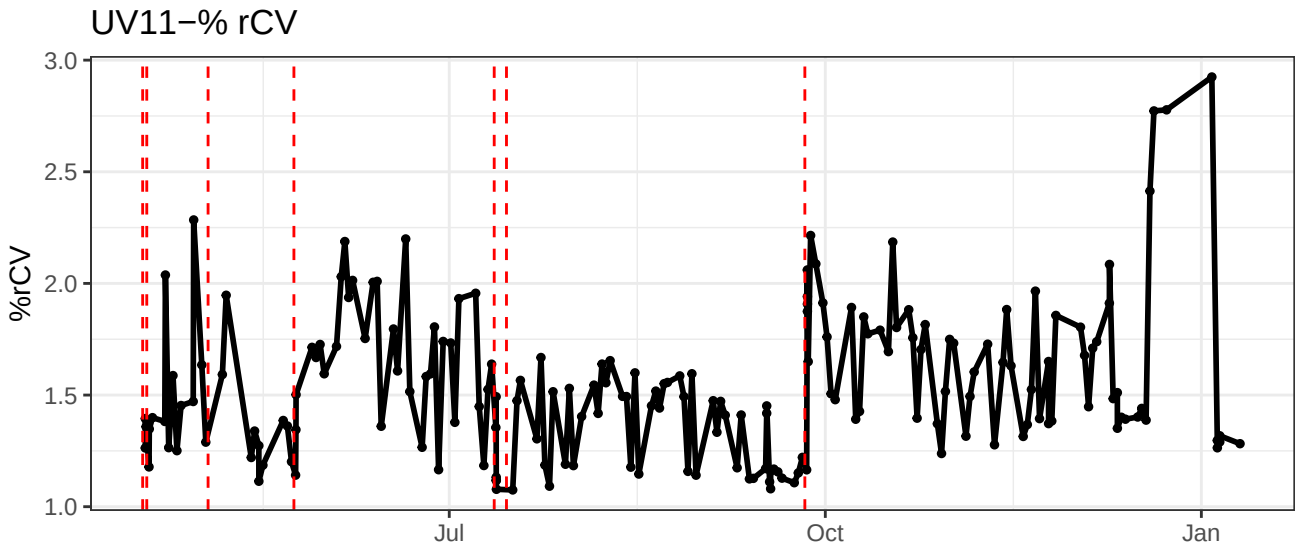
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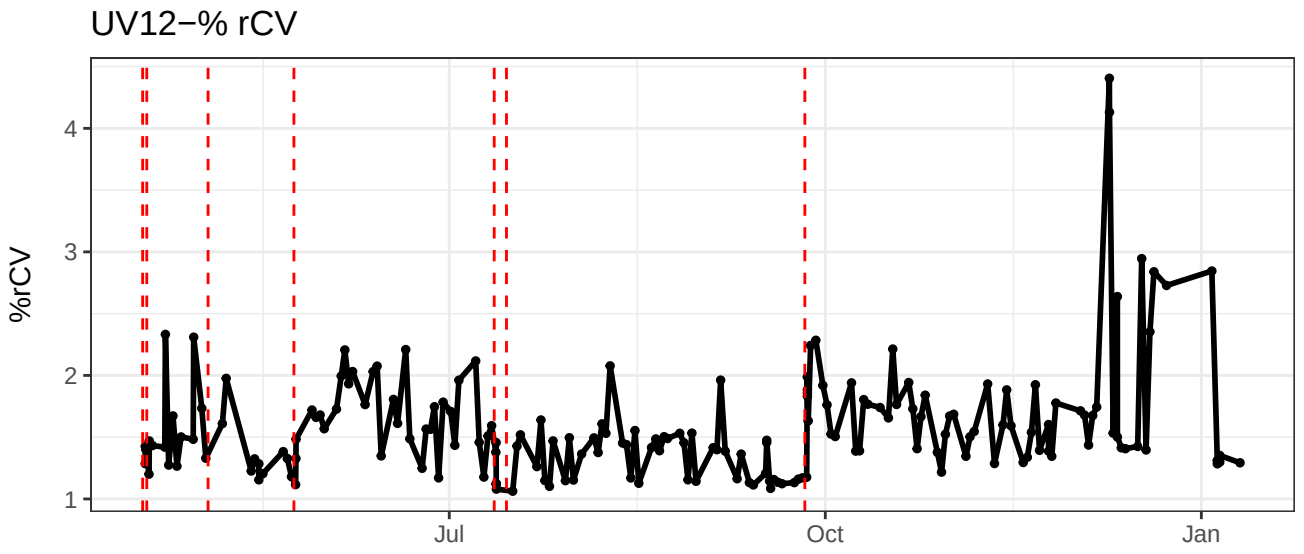
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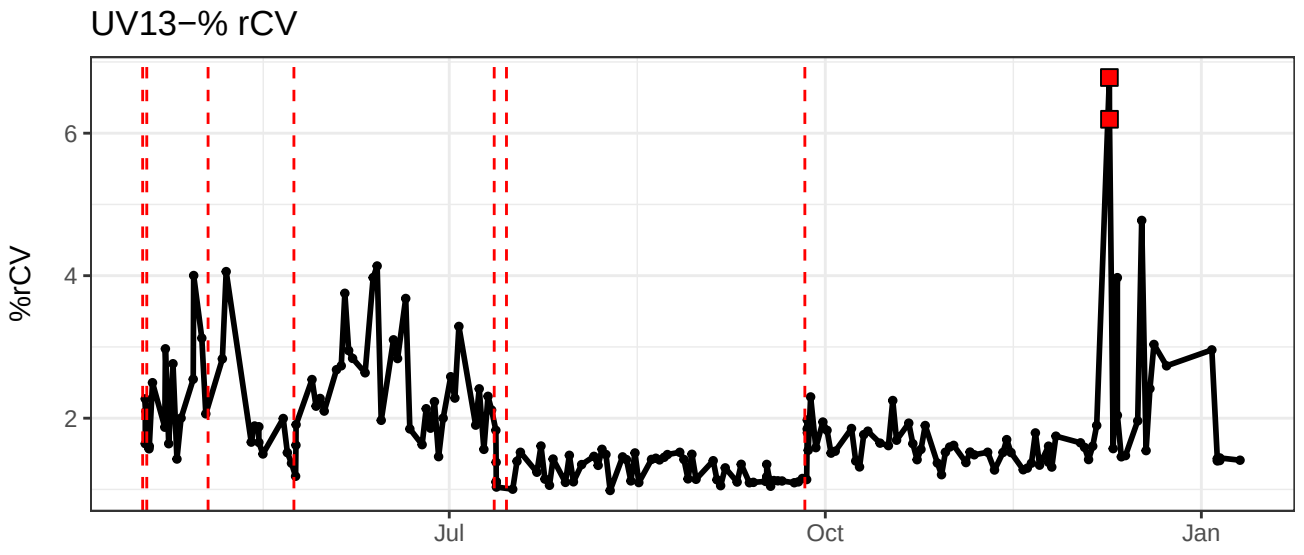
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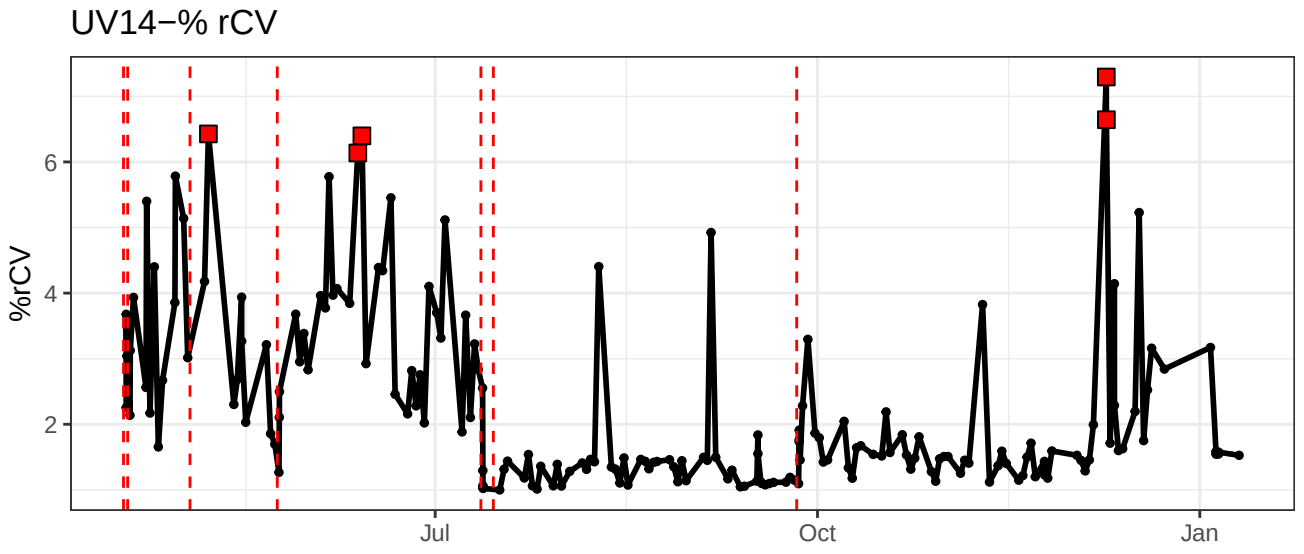
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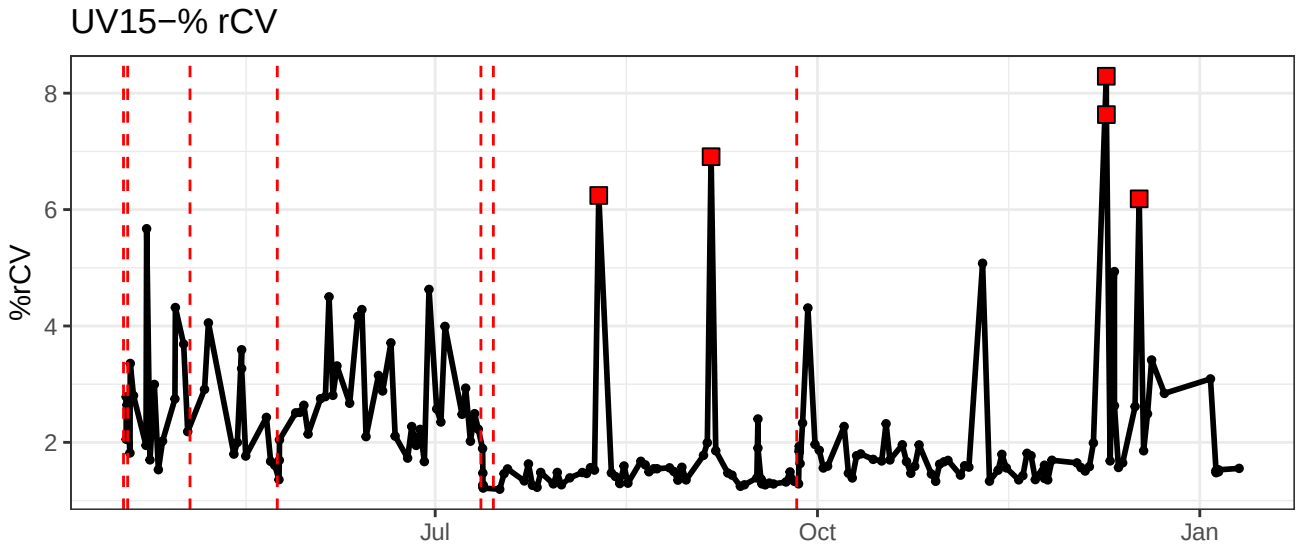
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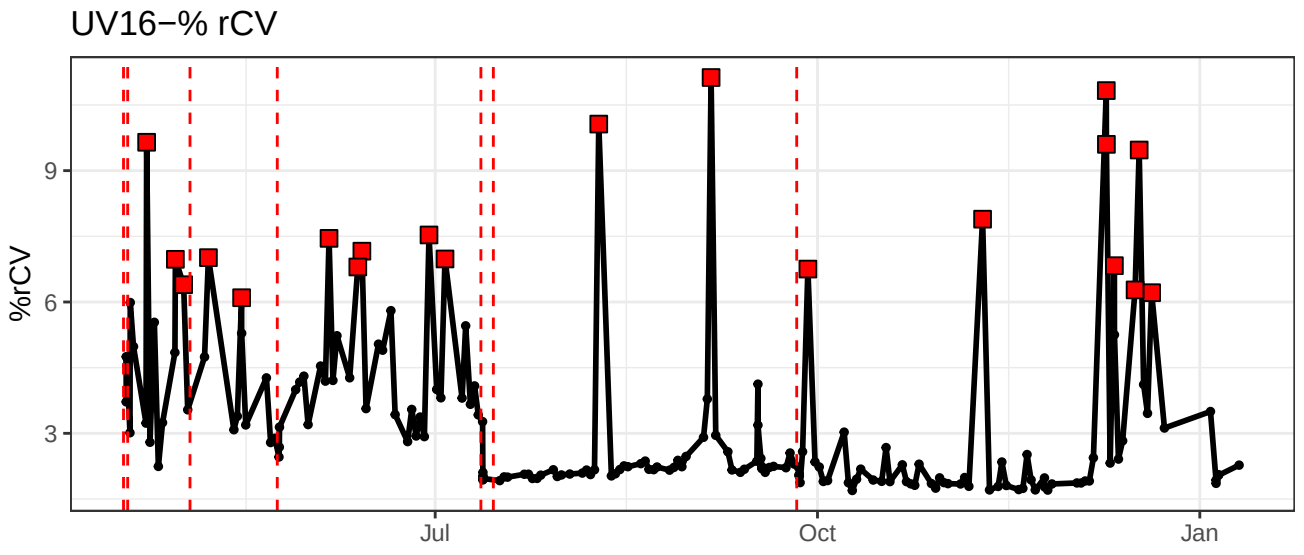
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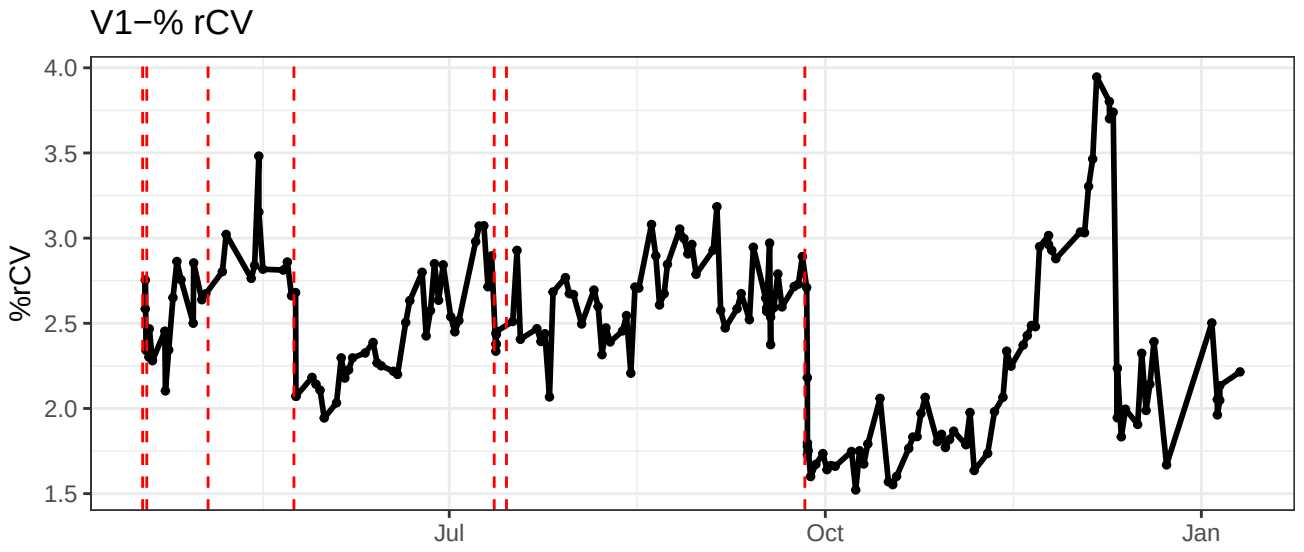
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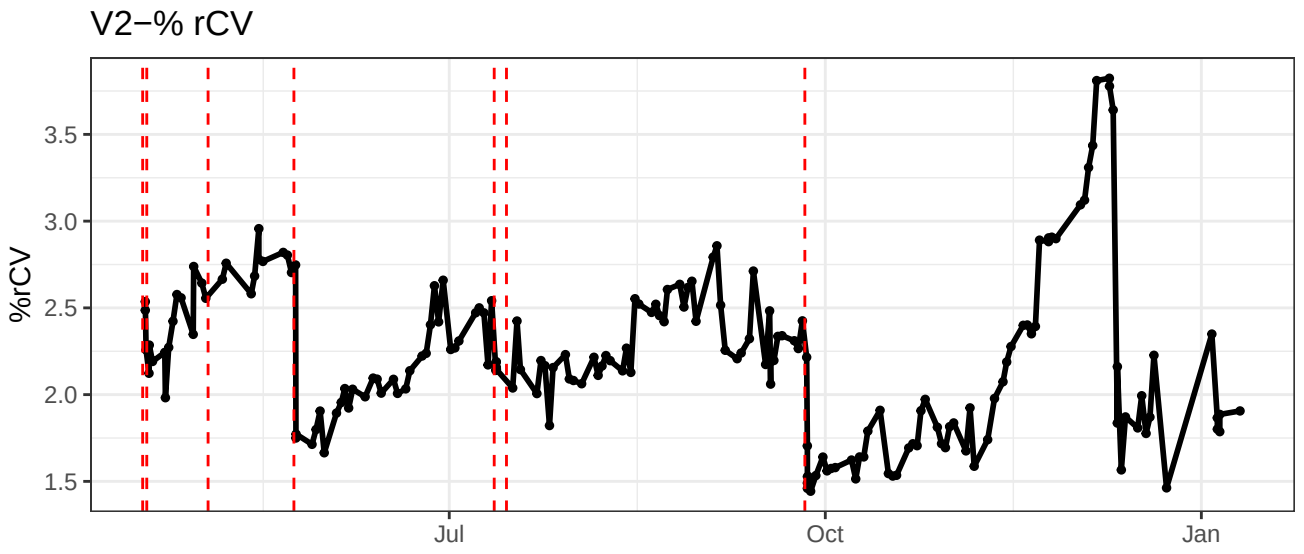
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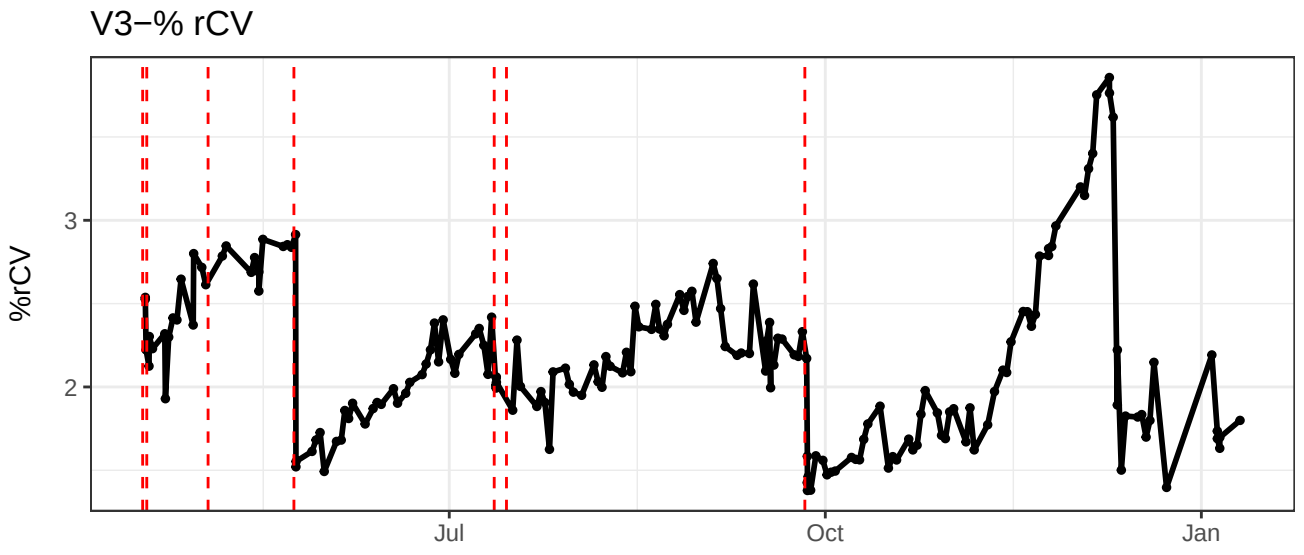
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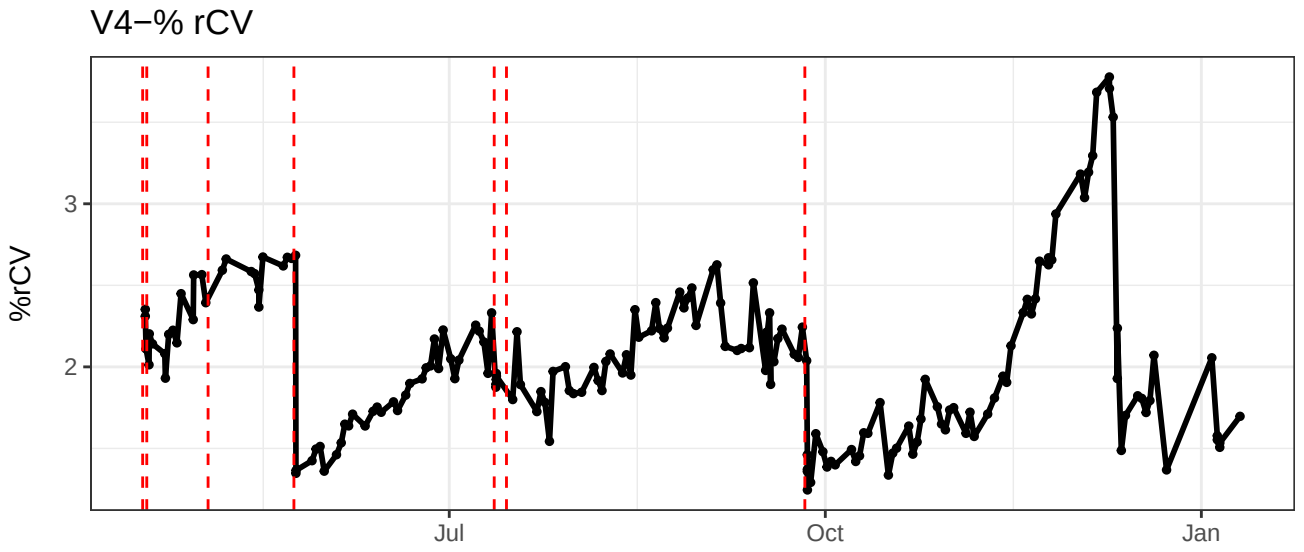
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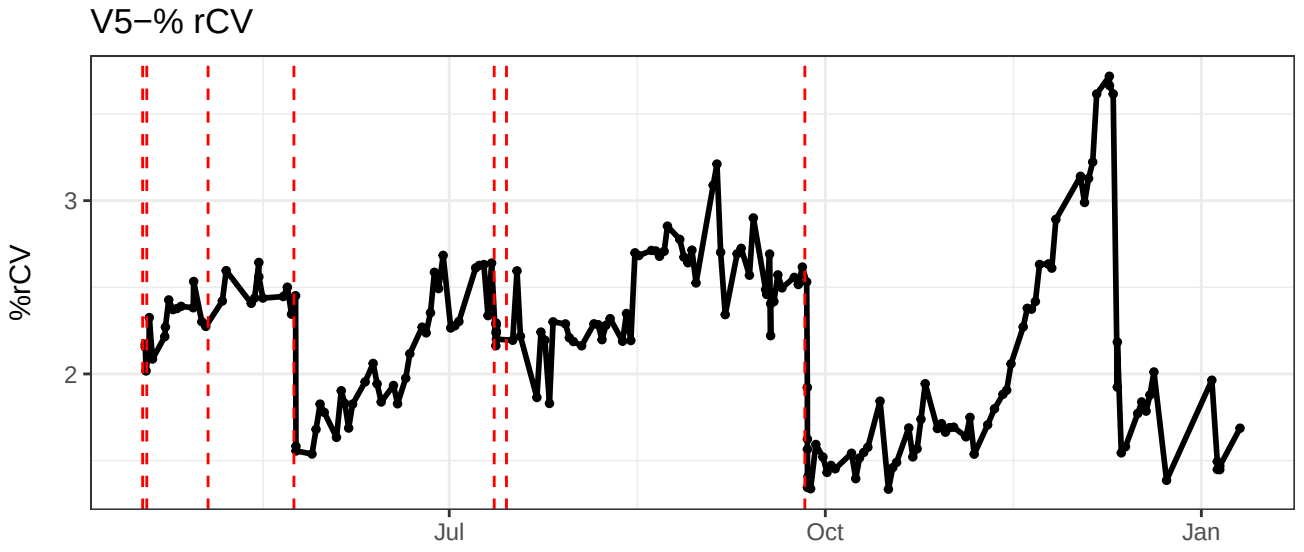
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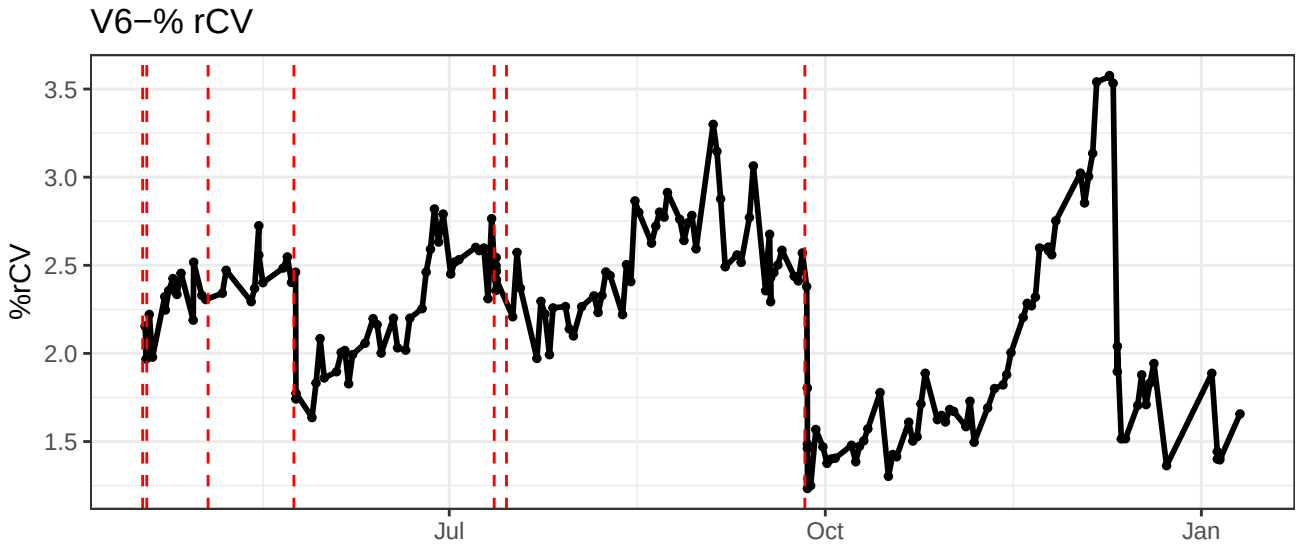
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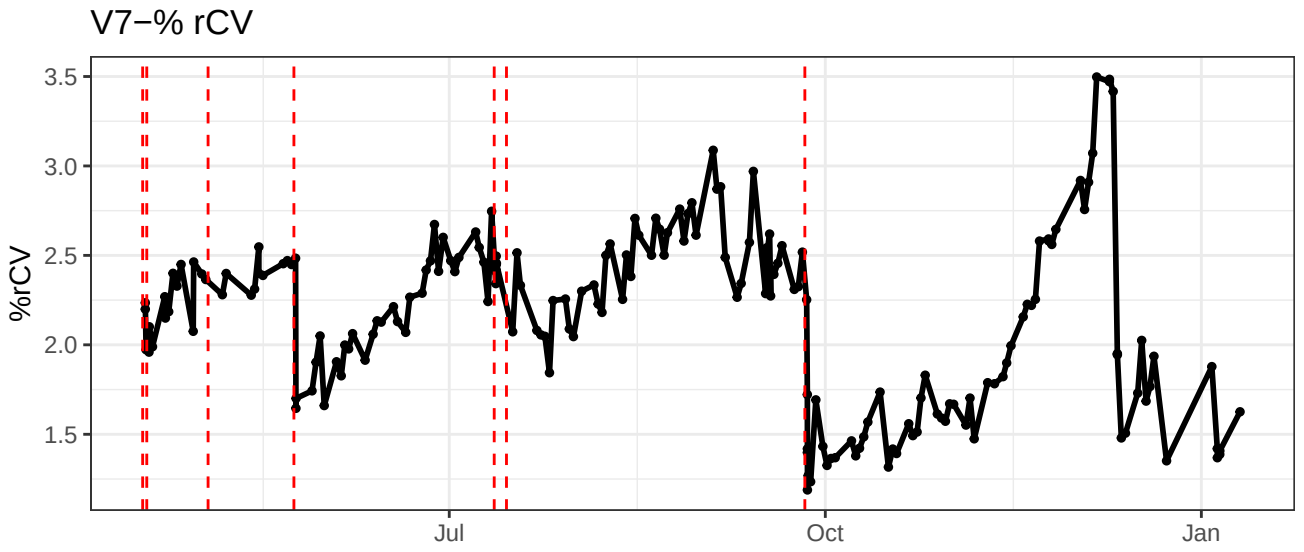
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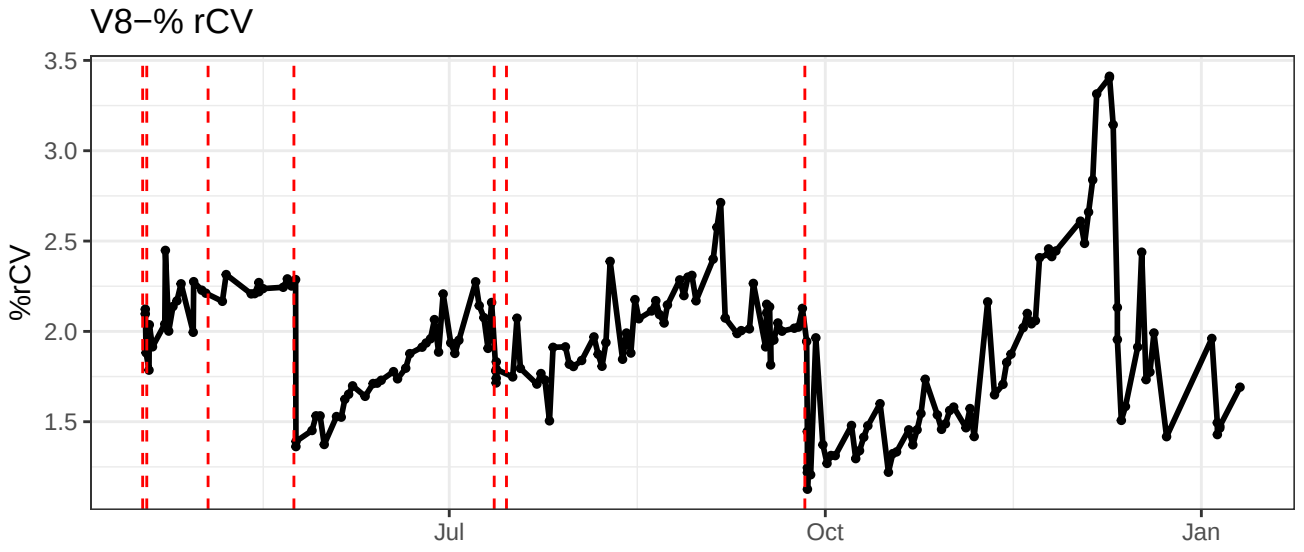
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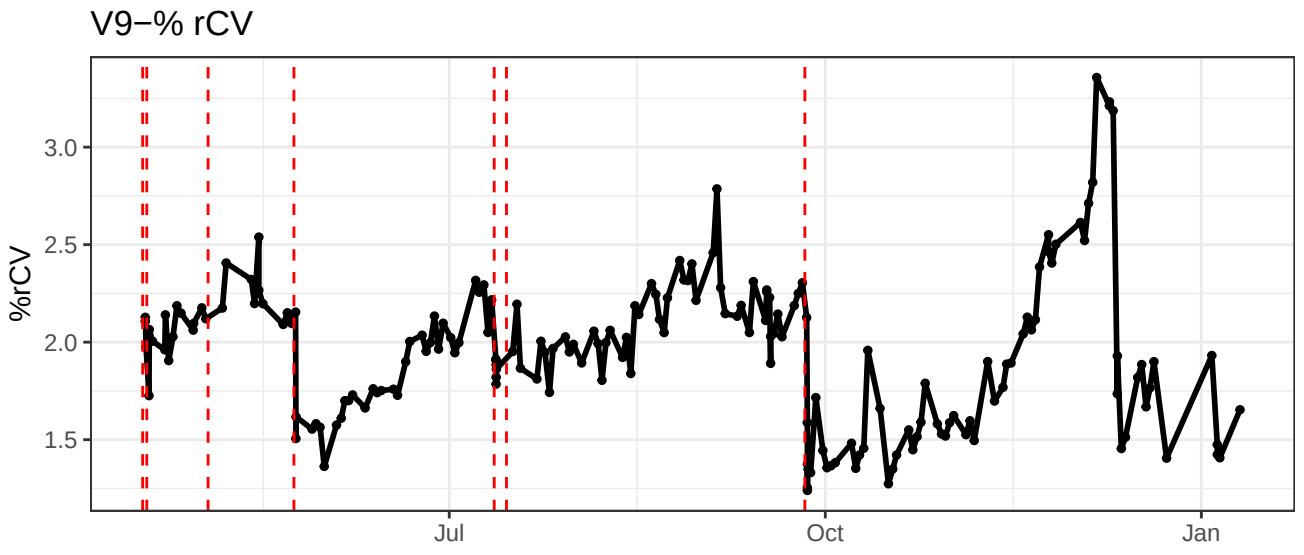
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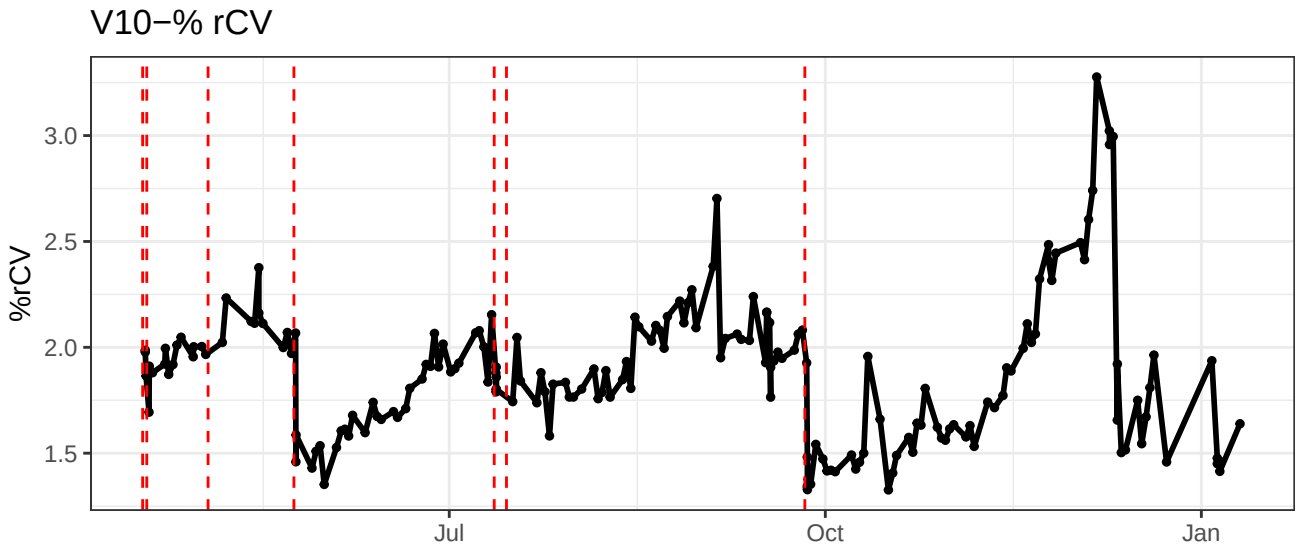
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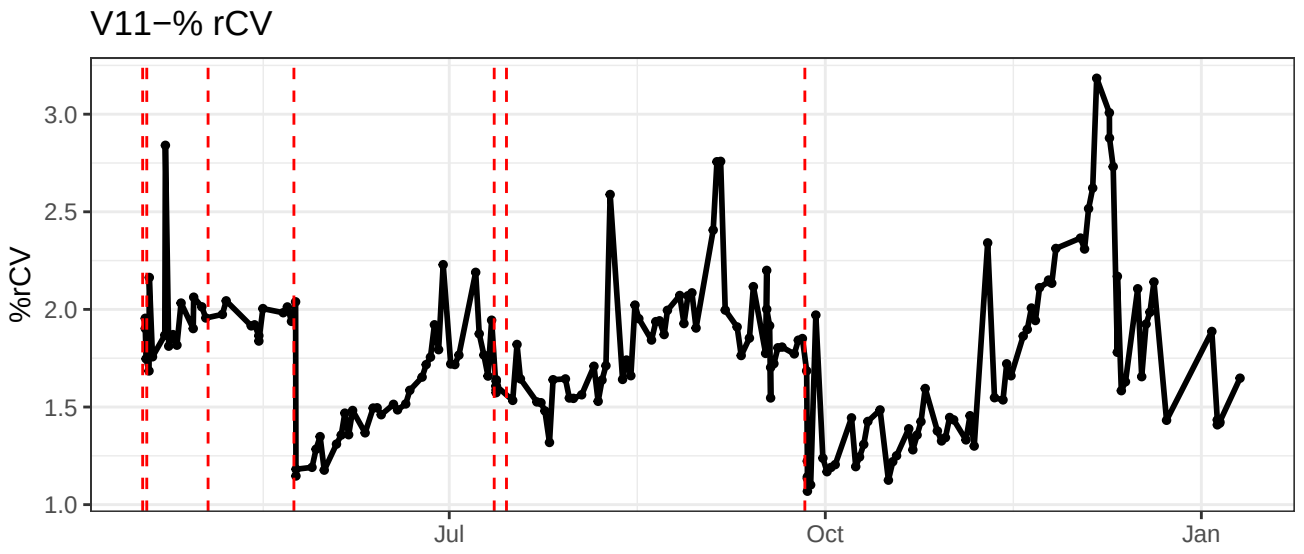
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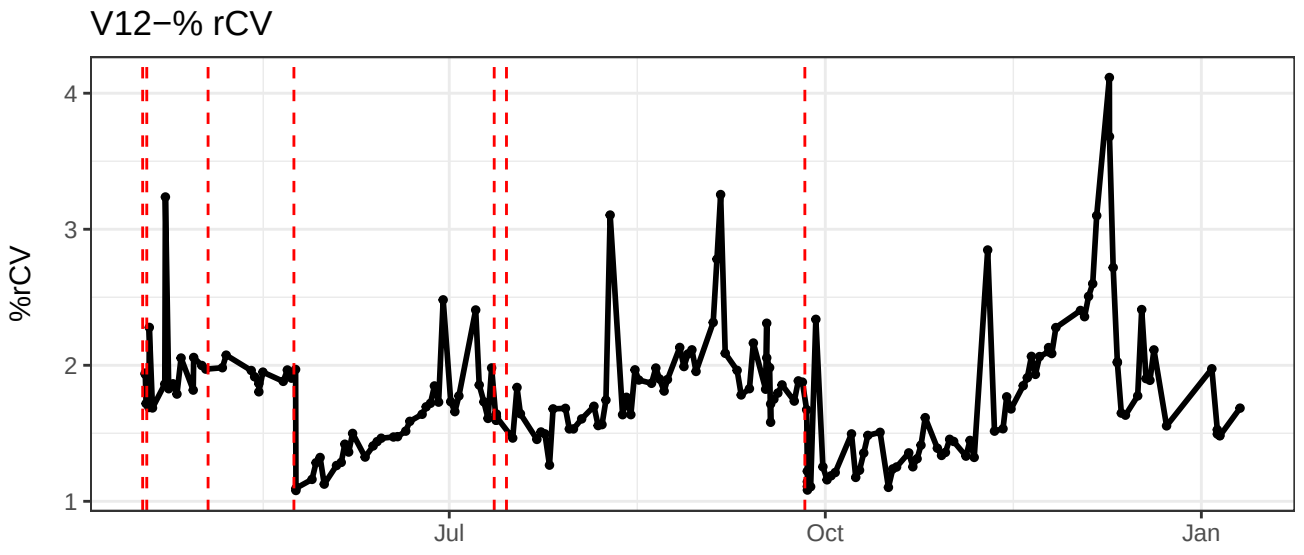
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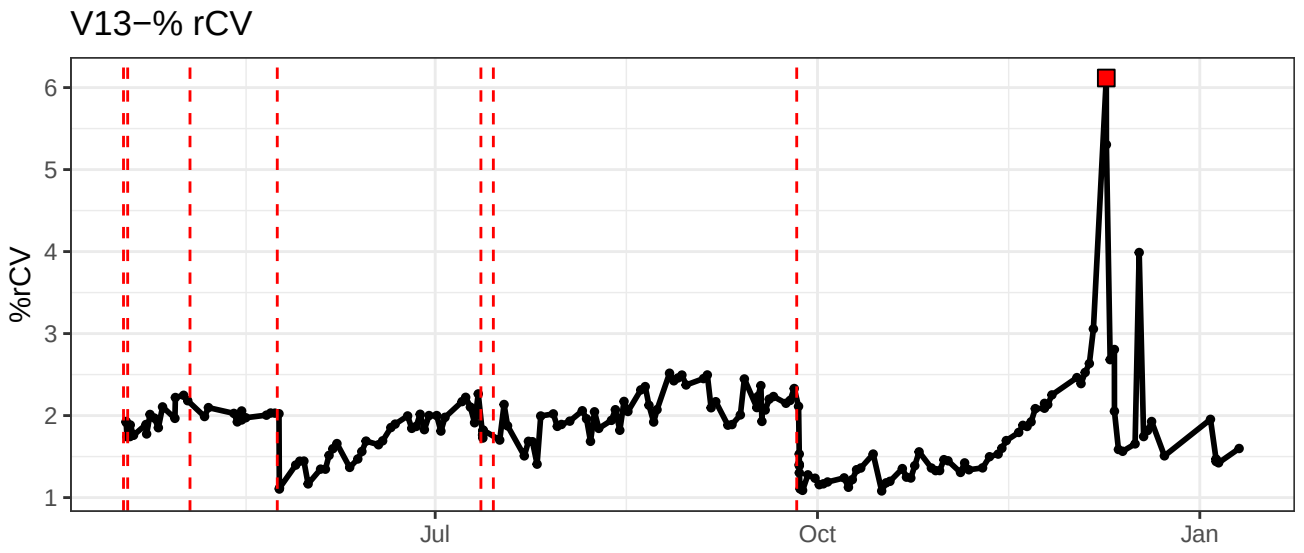
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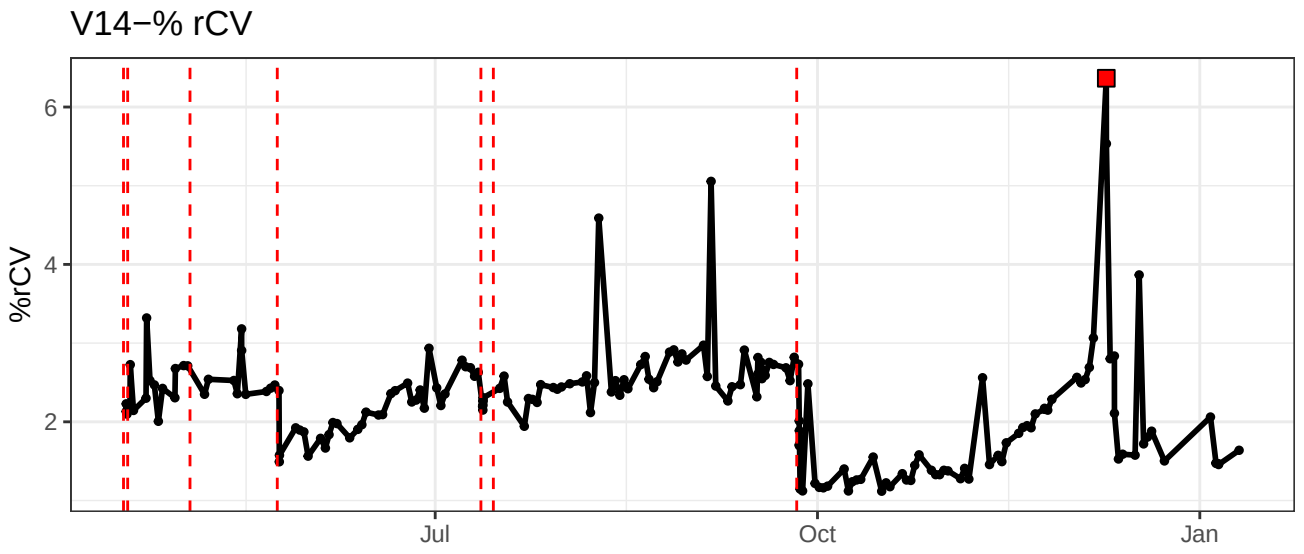
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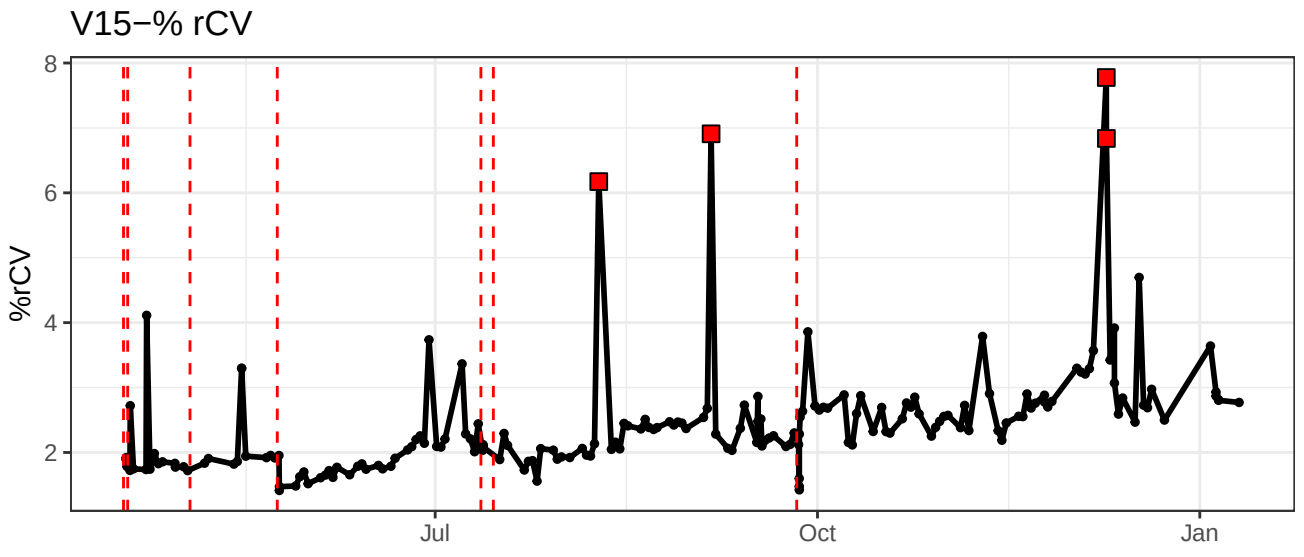
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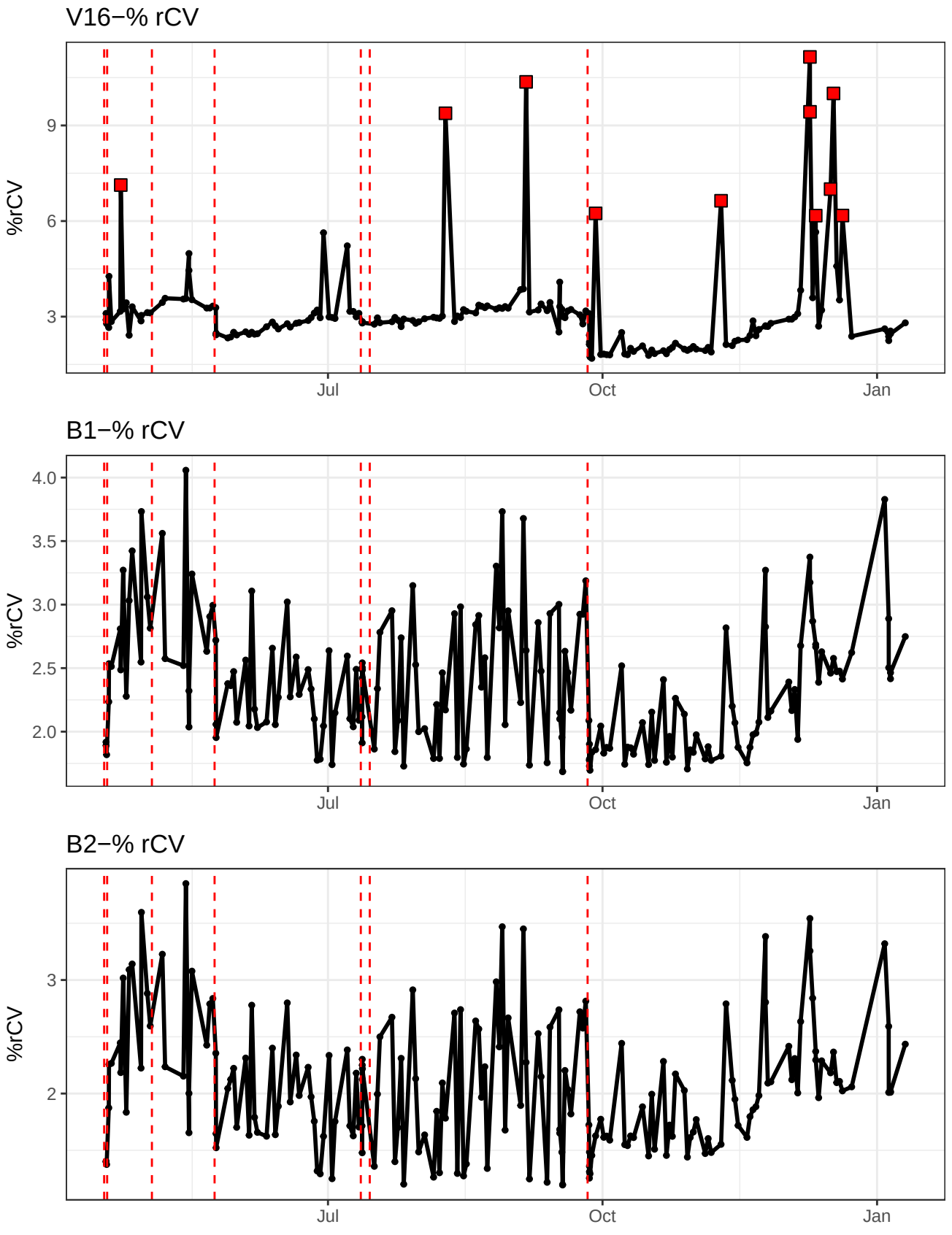
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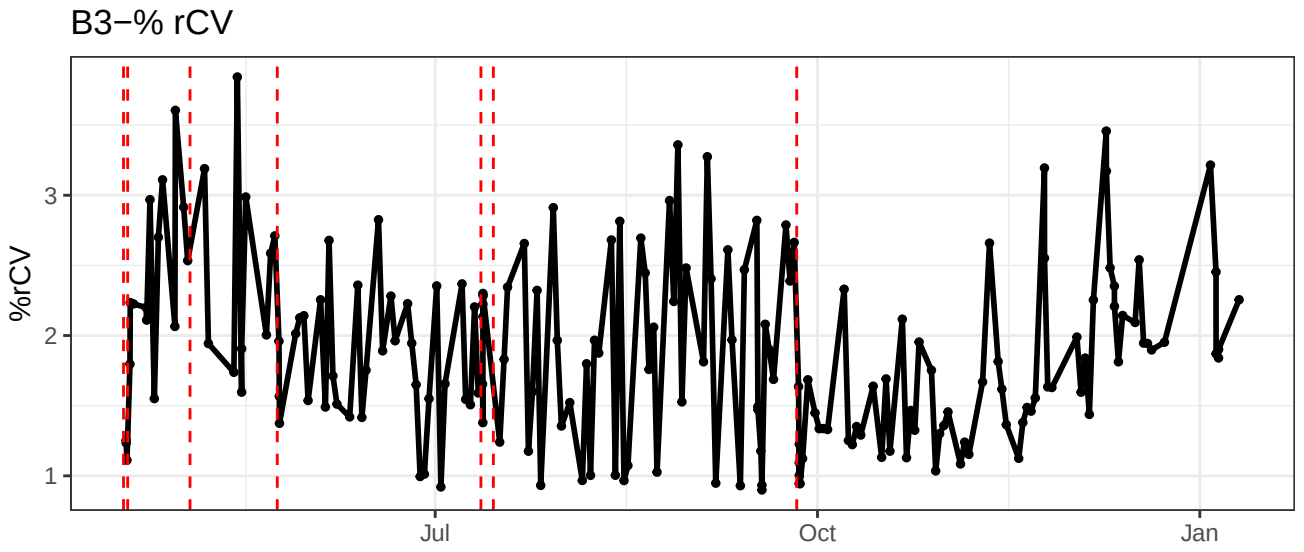
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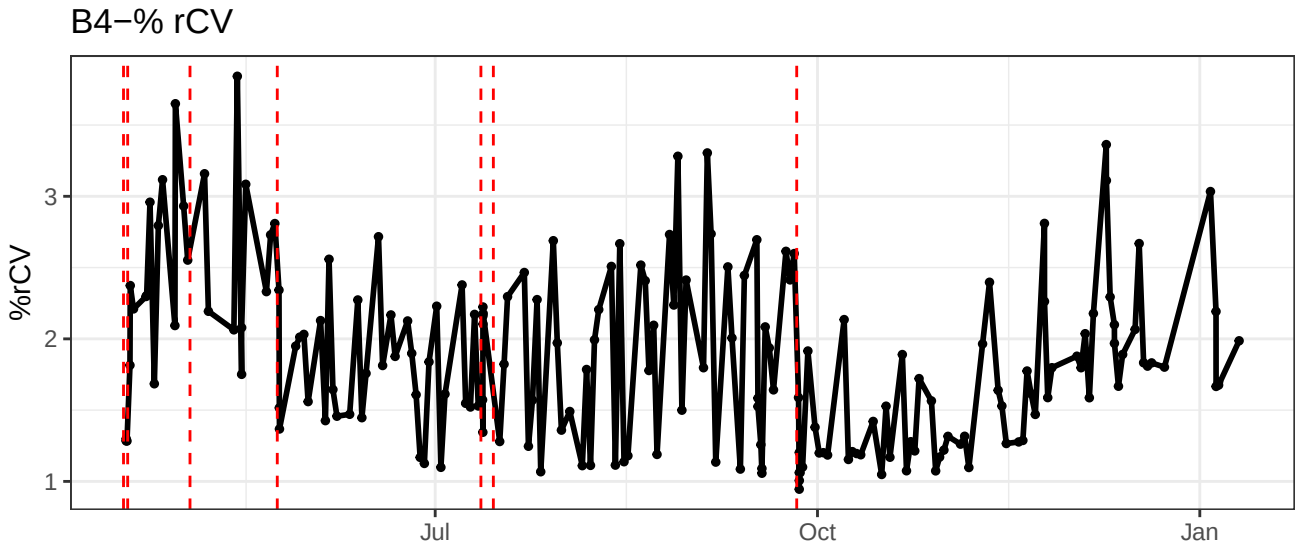
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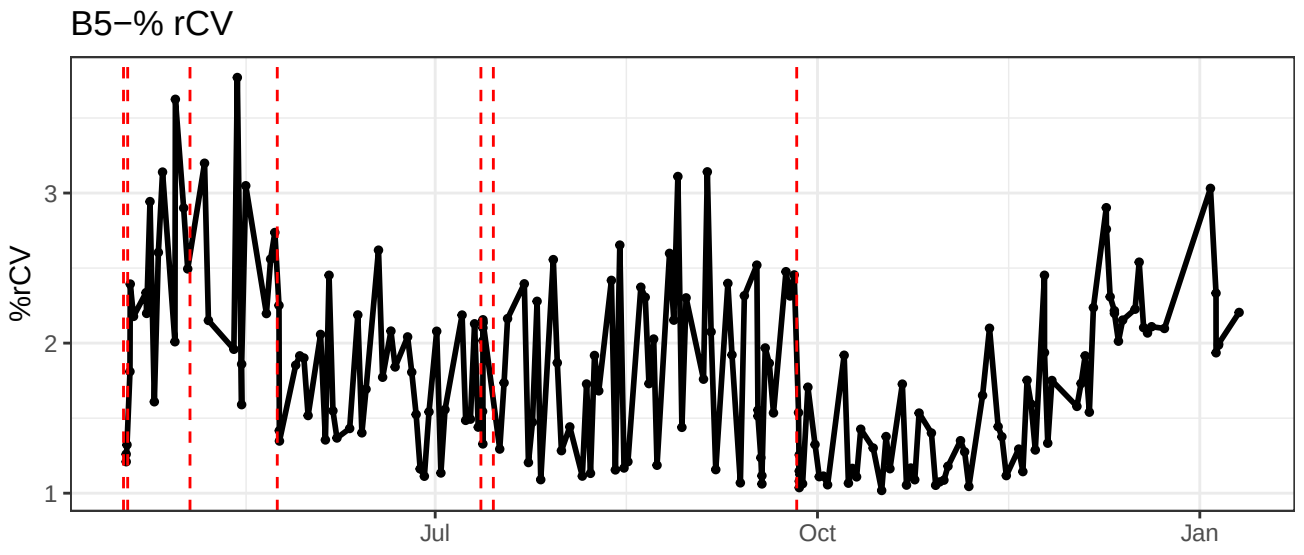
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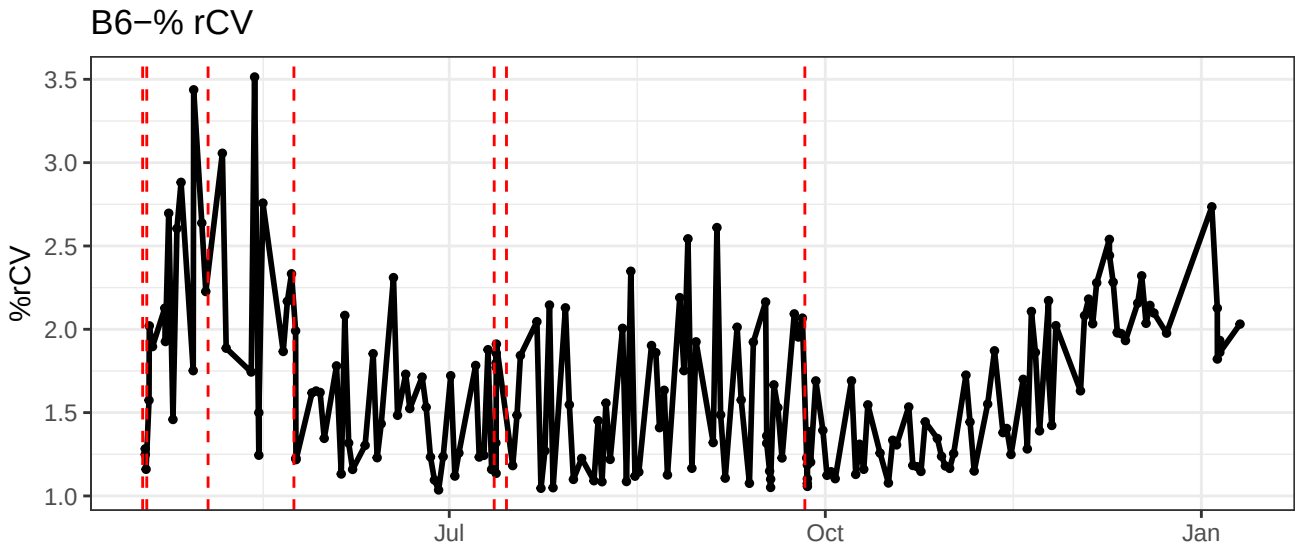
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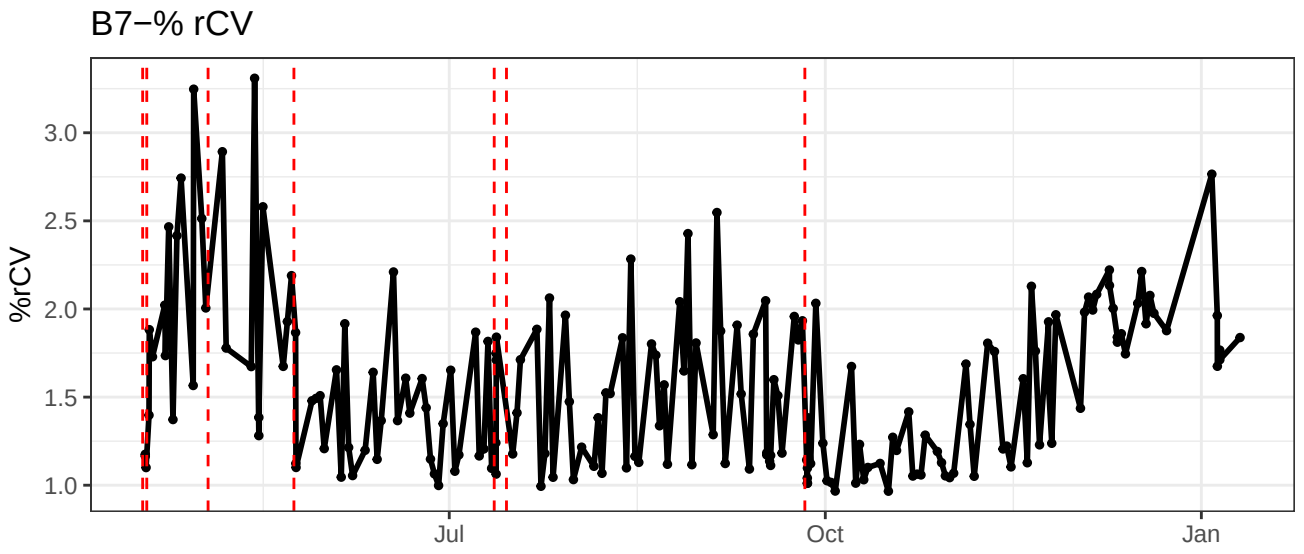
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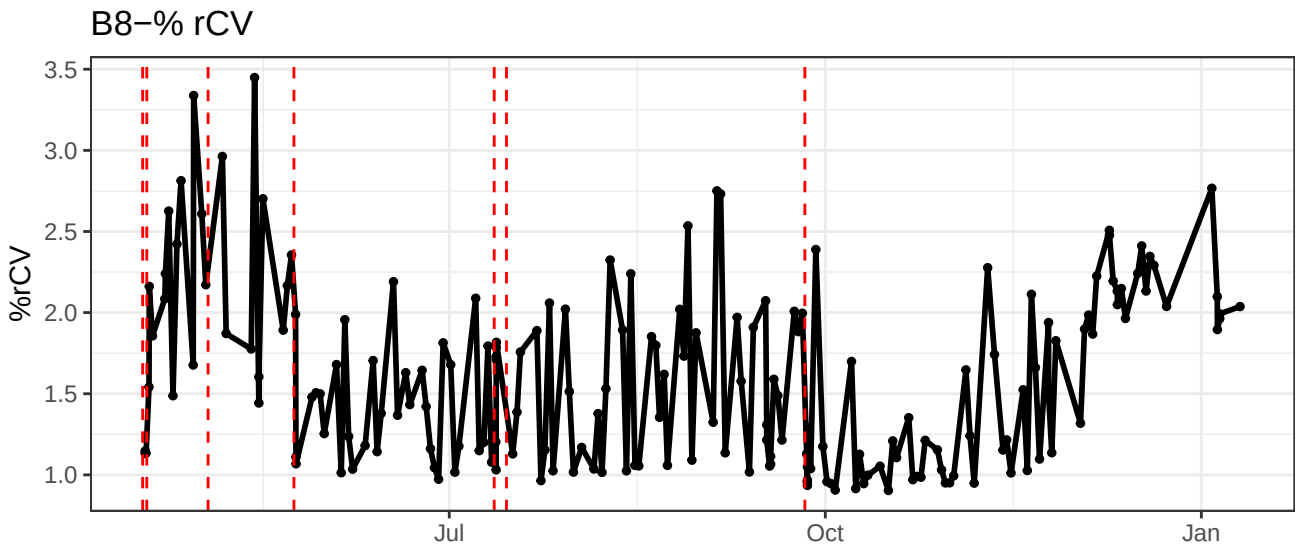
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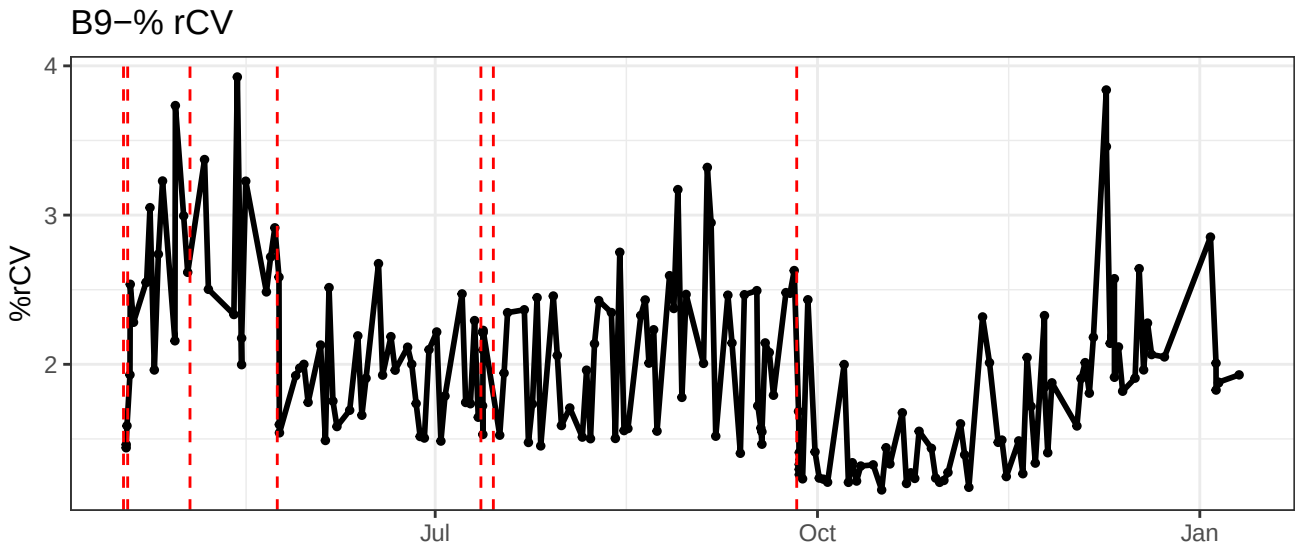
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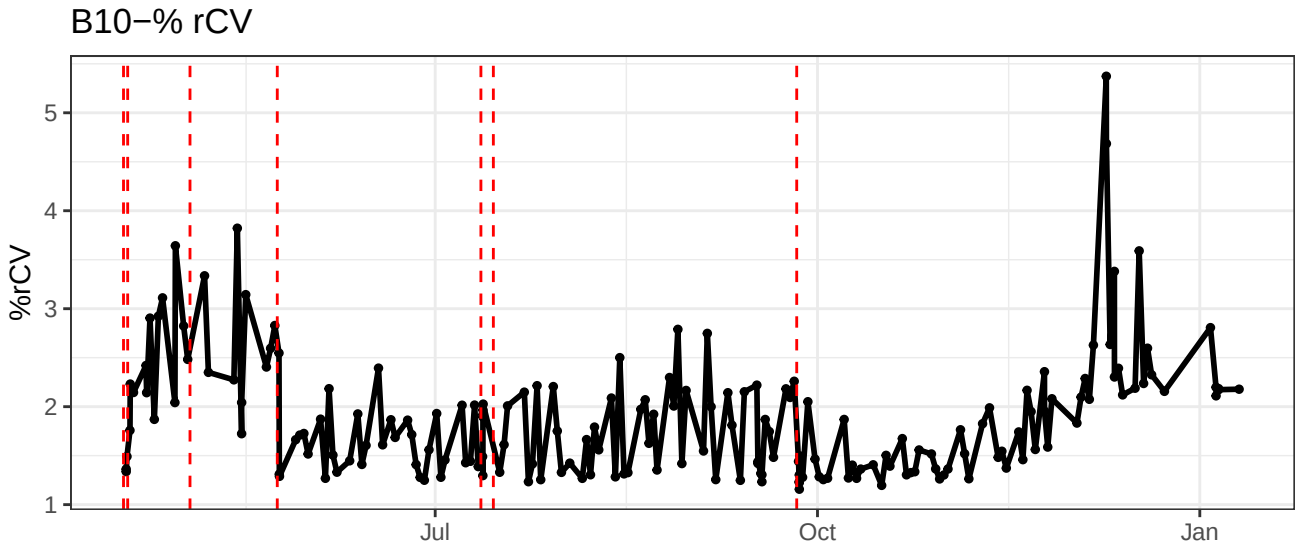
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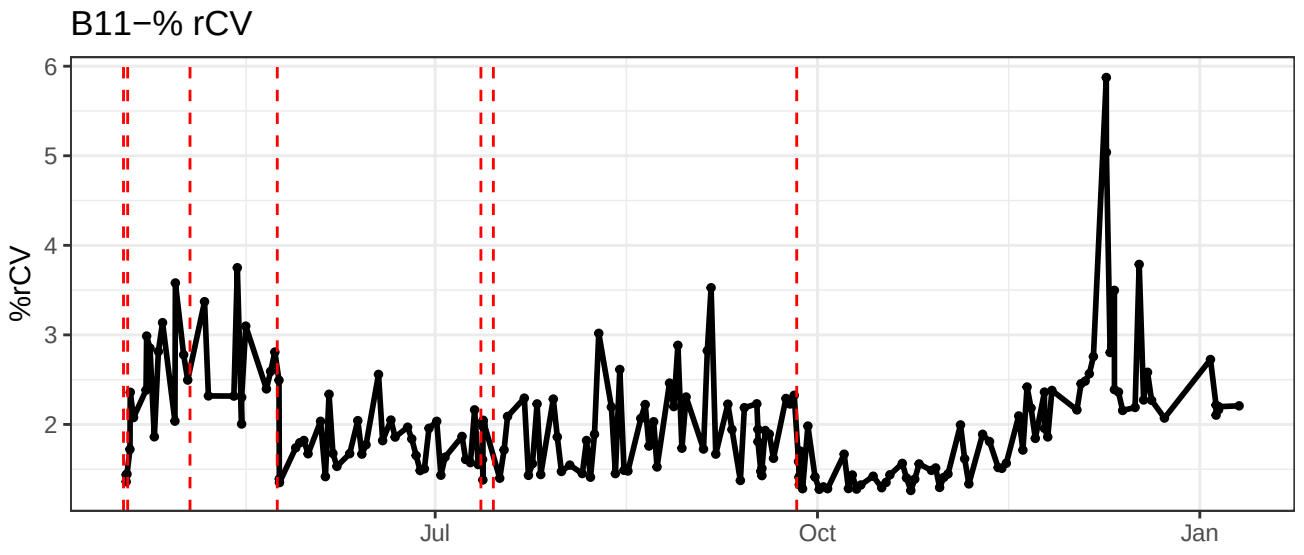
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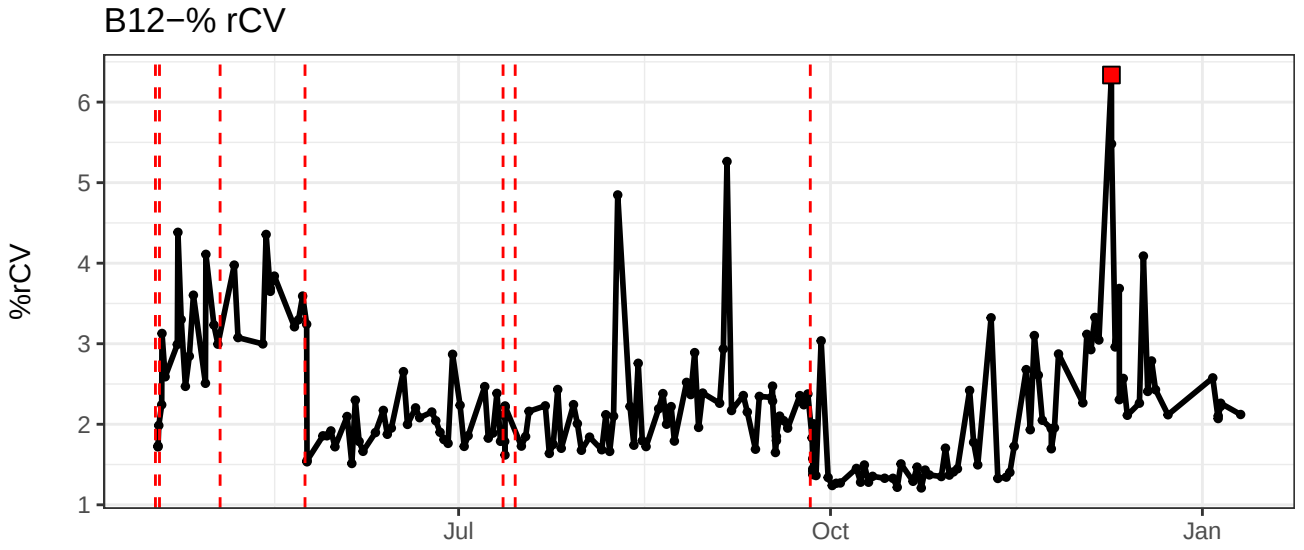
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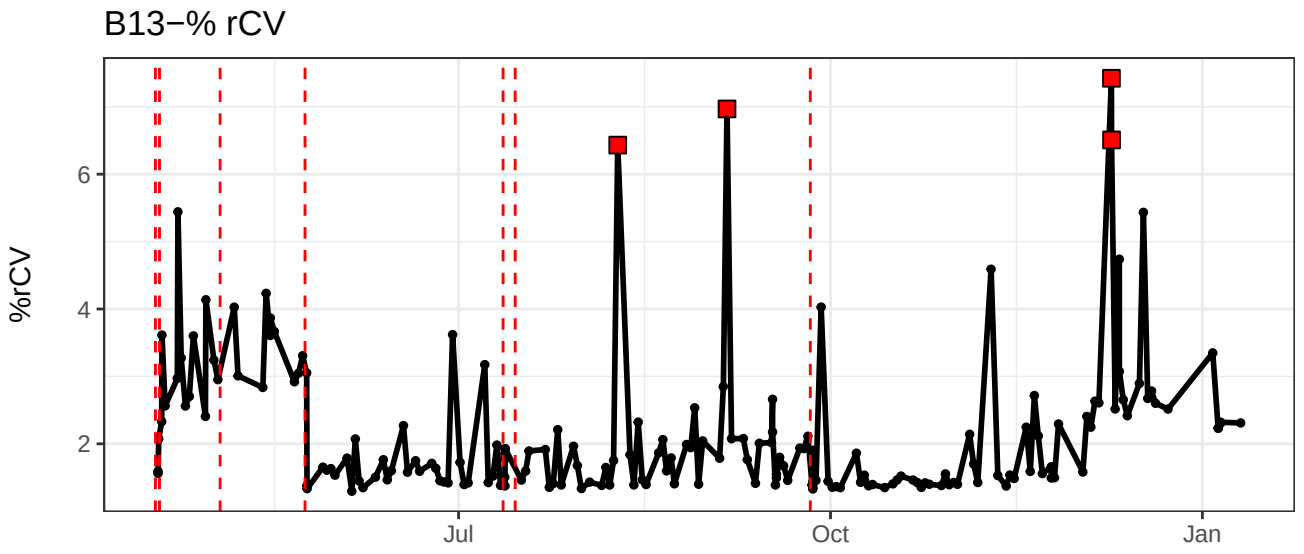
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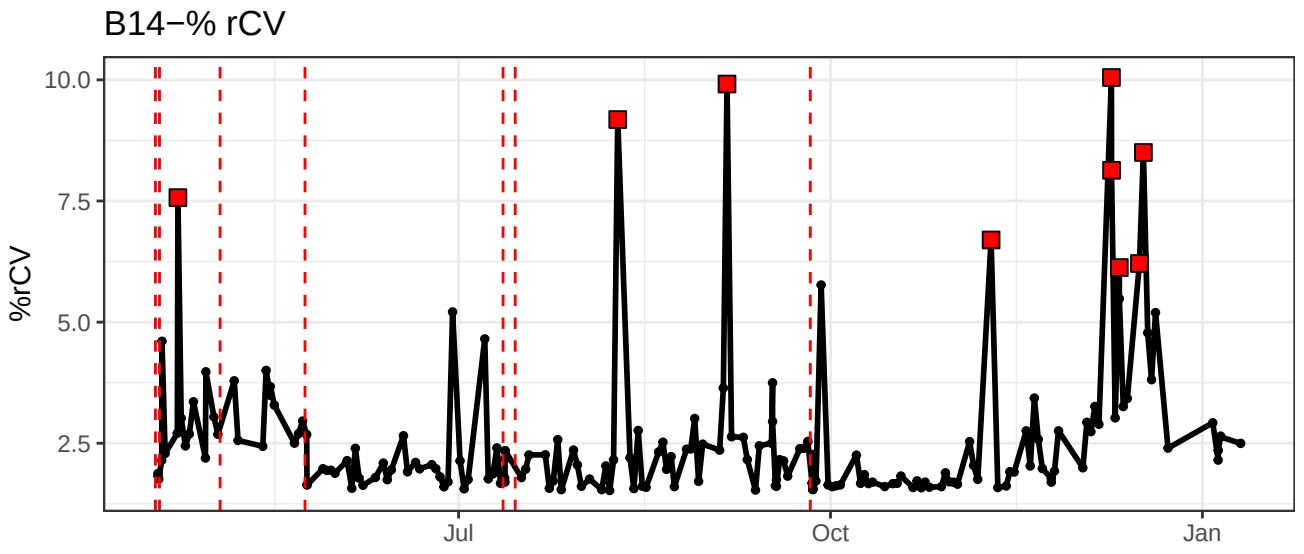
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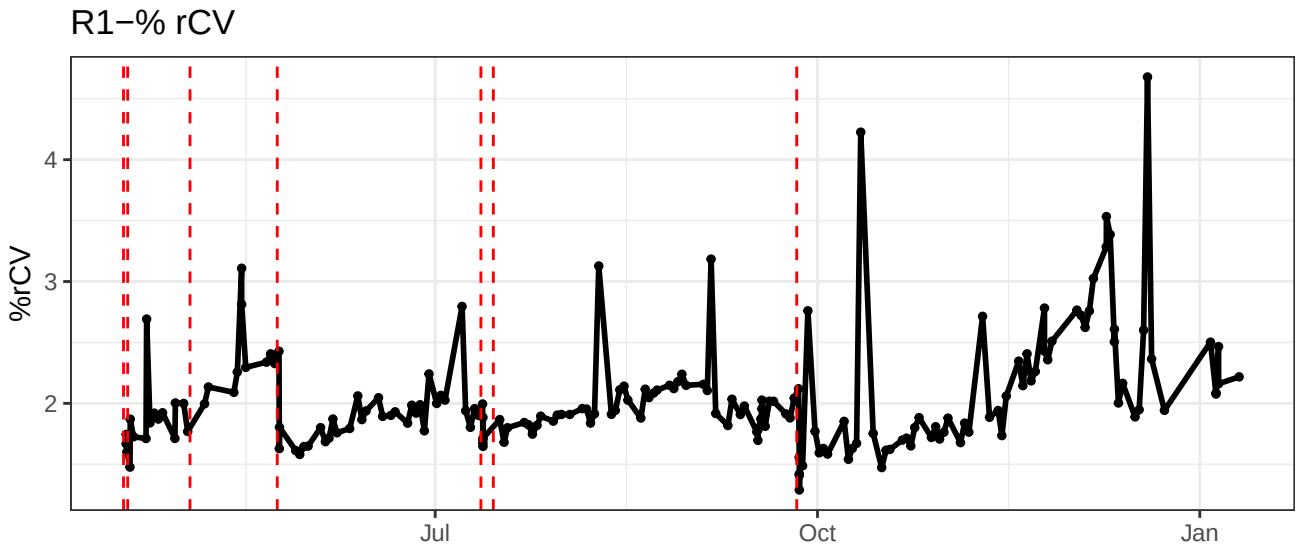
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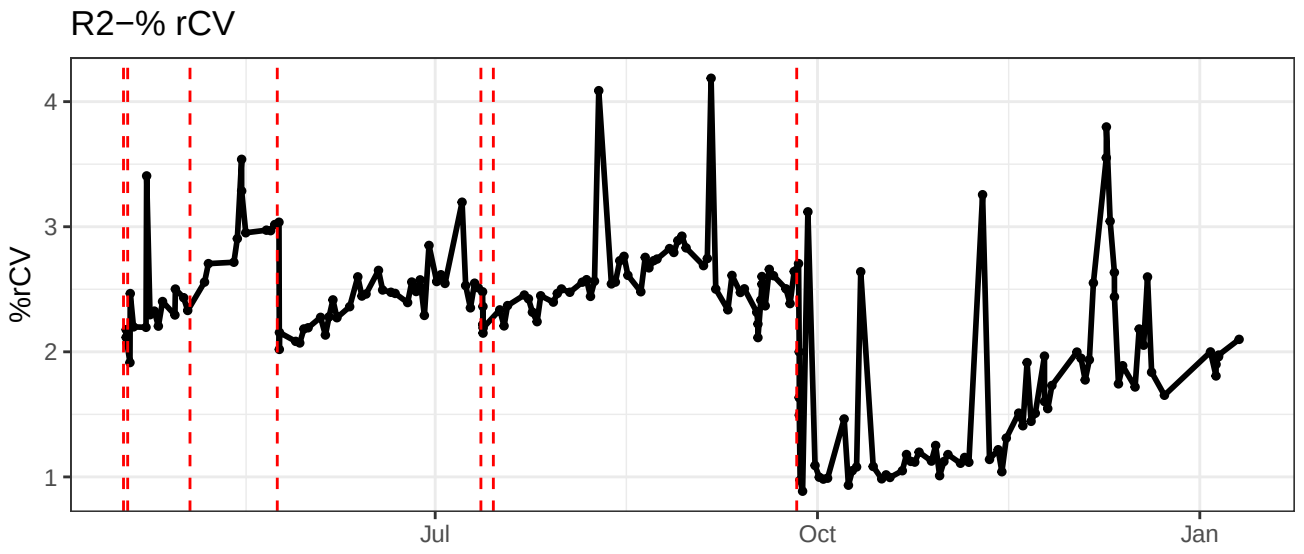
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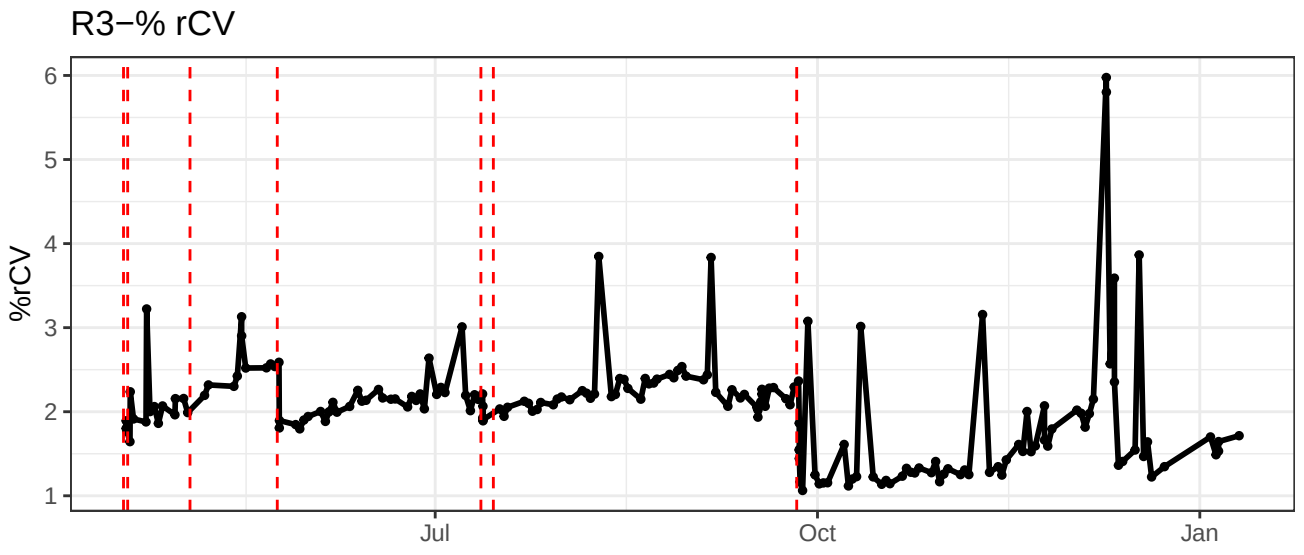
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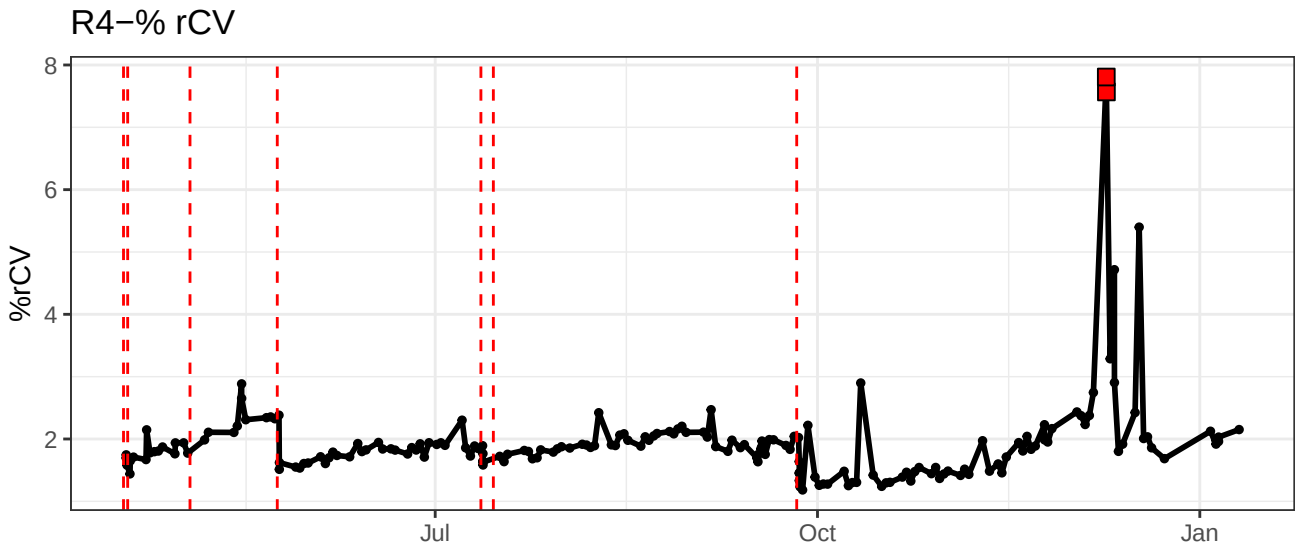
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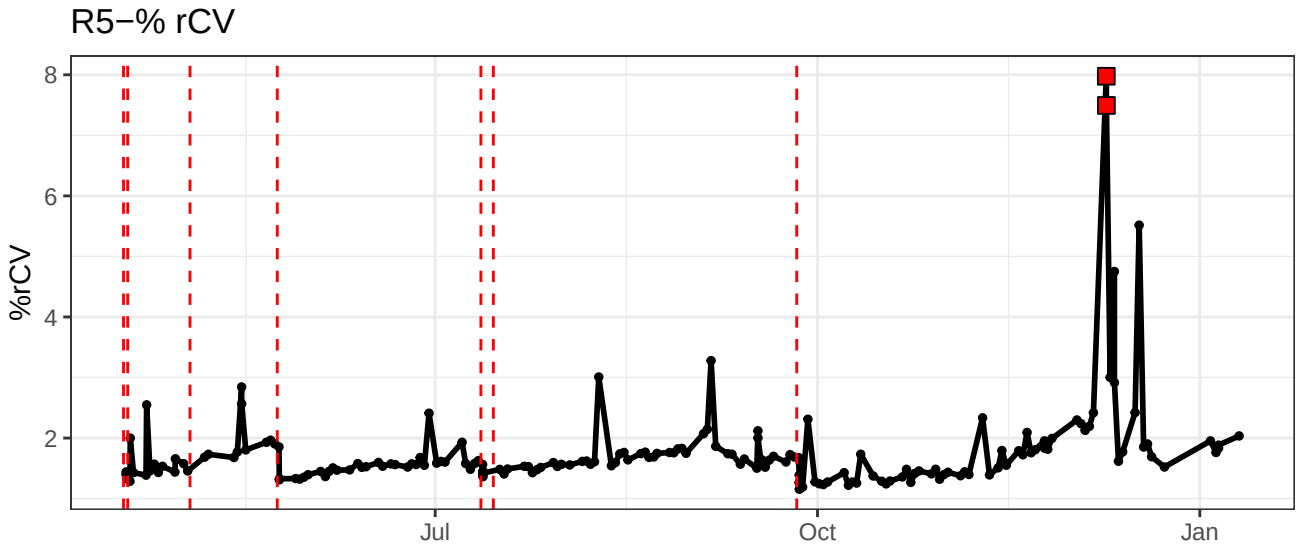
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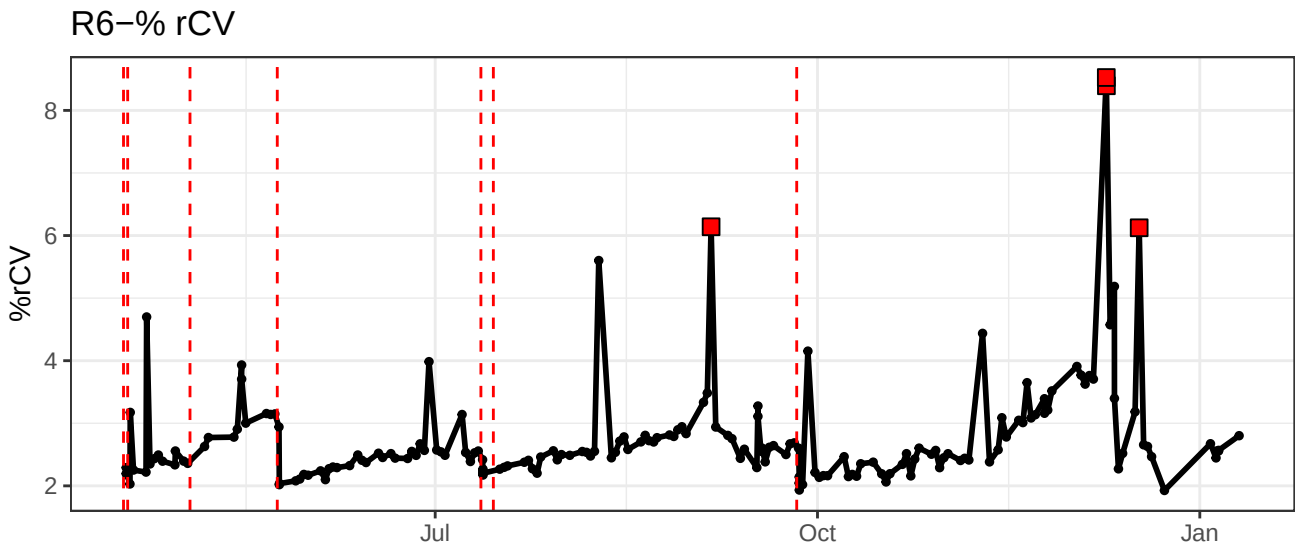
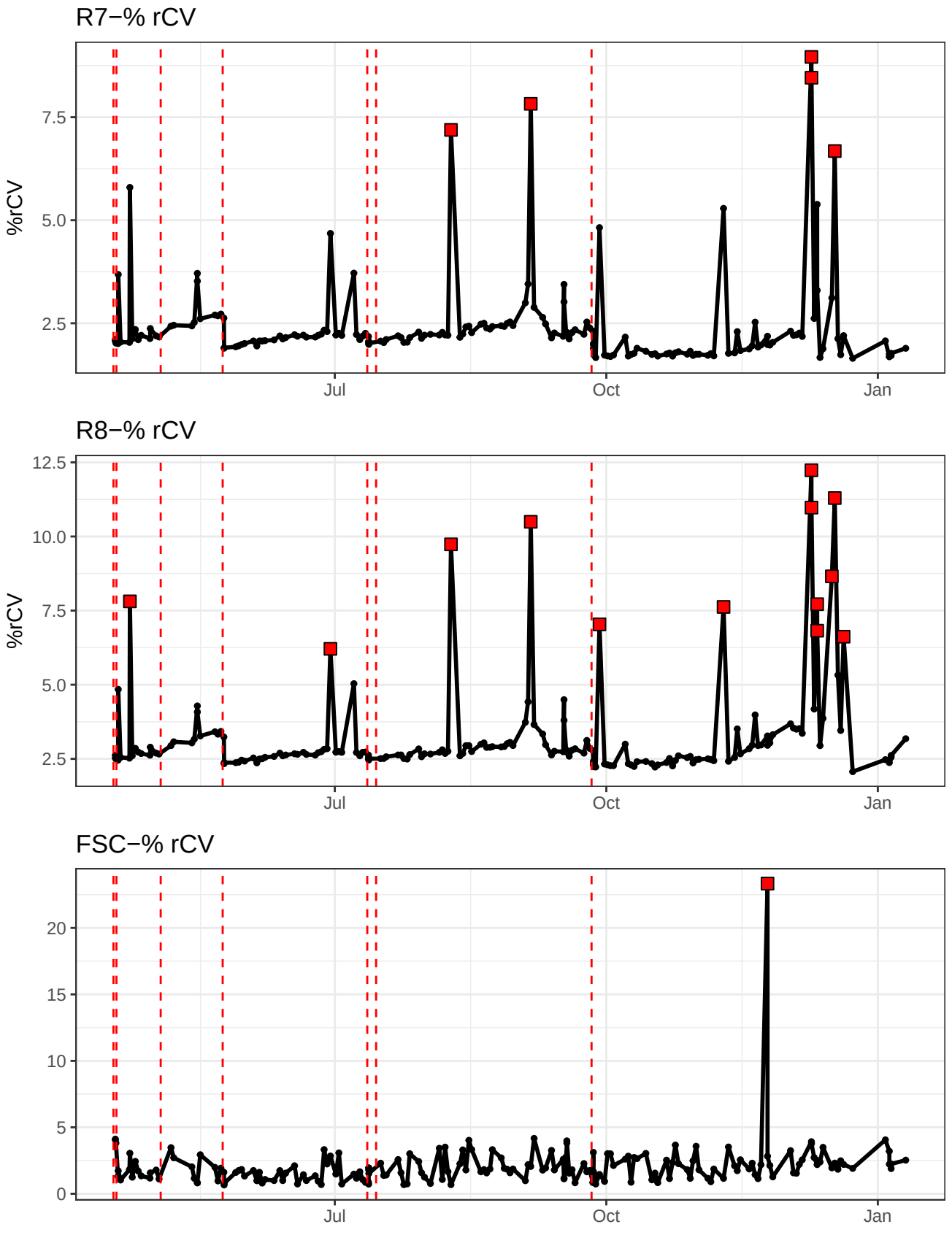
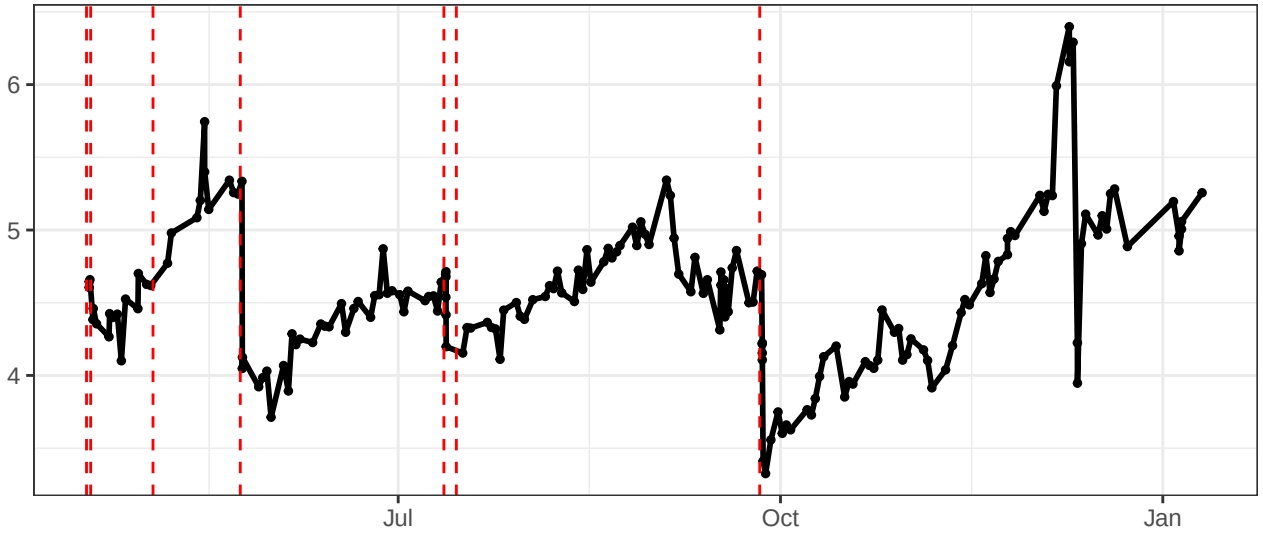
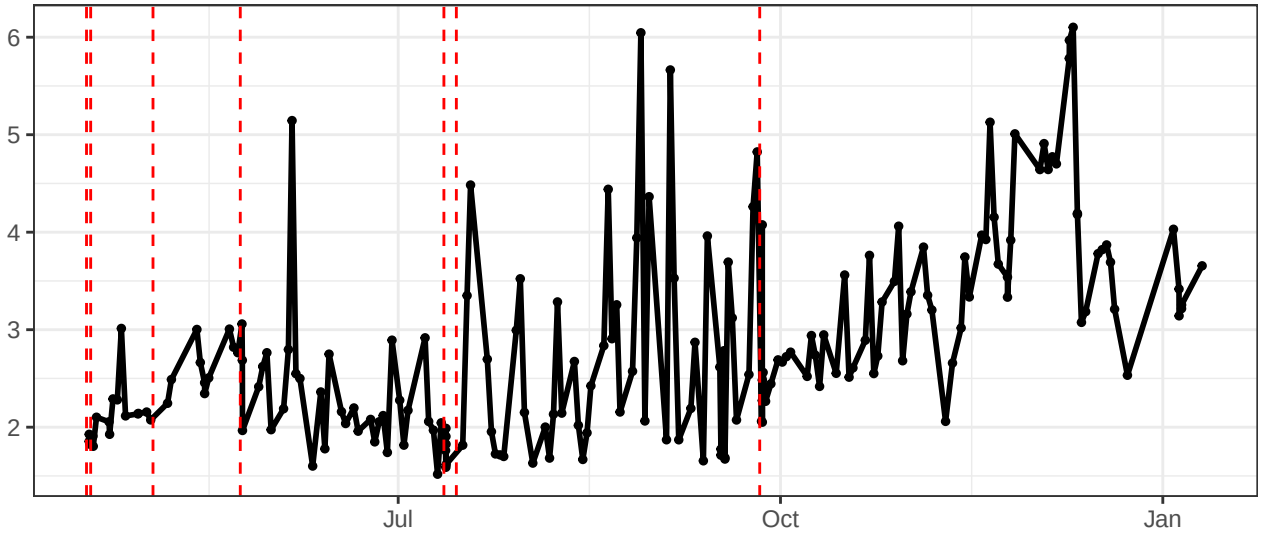
Oct
Jan


R6−% rCV
%rCV
8
6
4
2
Jul
Oct
Jan


R7−% rCV
%rCV
7.5
5.0
2.5
Jul
Oct
Jan
R8−% rCV
%rCV
12.5
10.0
7.5
5.0
2.5
Jul
Oct
Jan
FSC−% rCV
20
15
10
5
0
Jul
Oct
Jan

SSC−% rCV




SSC−B−% rCV