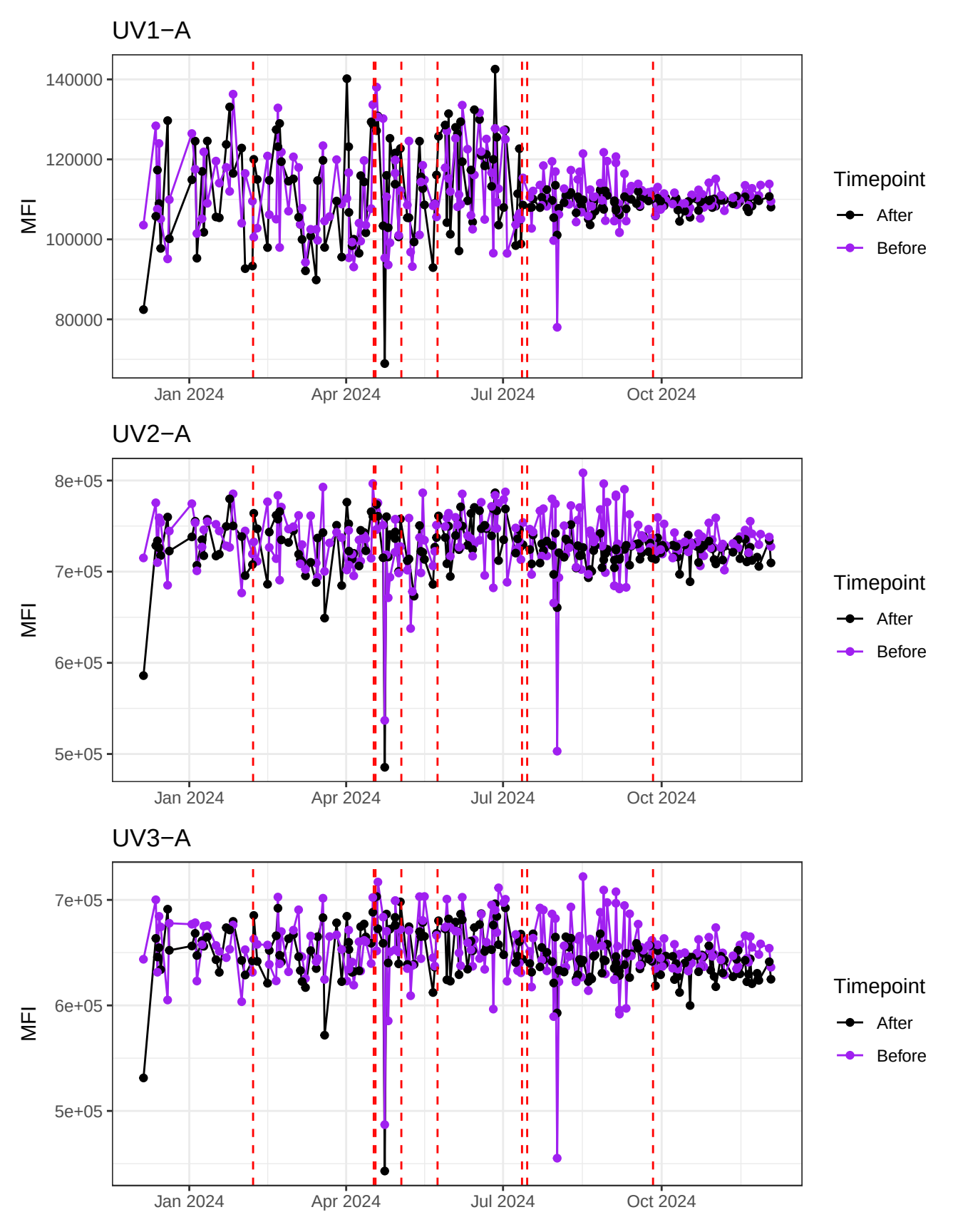
UV1−A
MFI
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80000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV2−A
MFI
8e+05
7e+05
6e+05
5e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
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6e+05
5e+05
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Apr 2024
Jul 2024
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Timepoint
After
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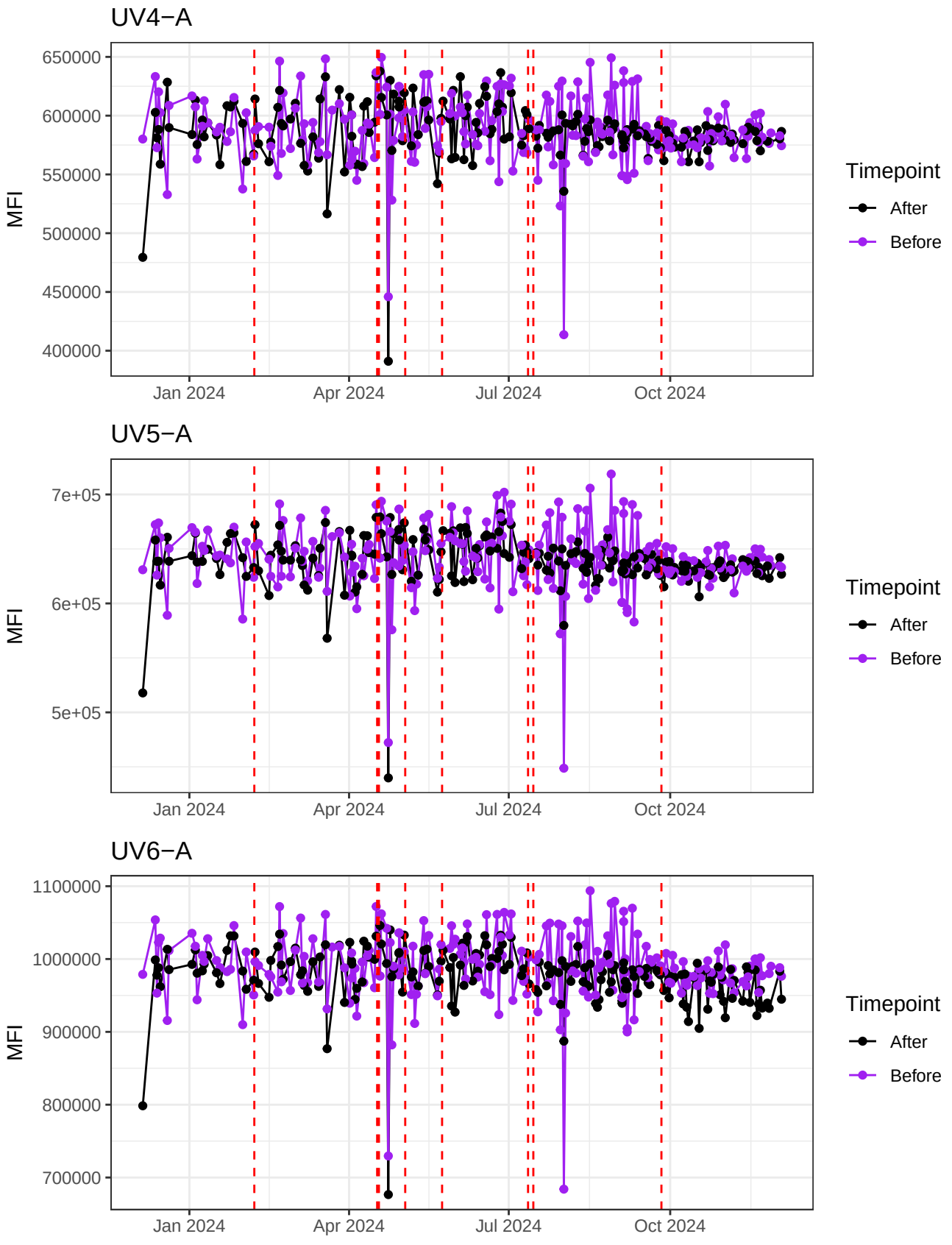
UV4−A
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450000
400000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV5−A
MFI
7e+05
6e+05
5e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
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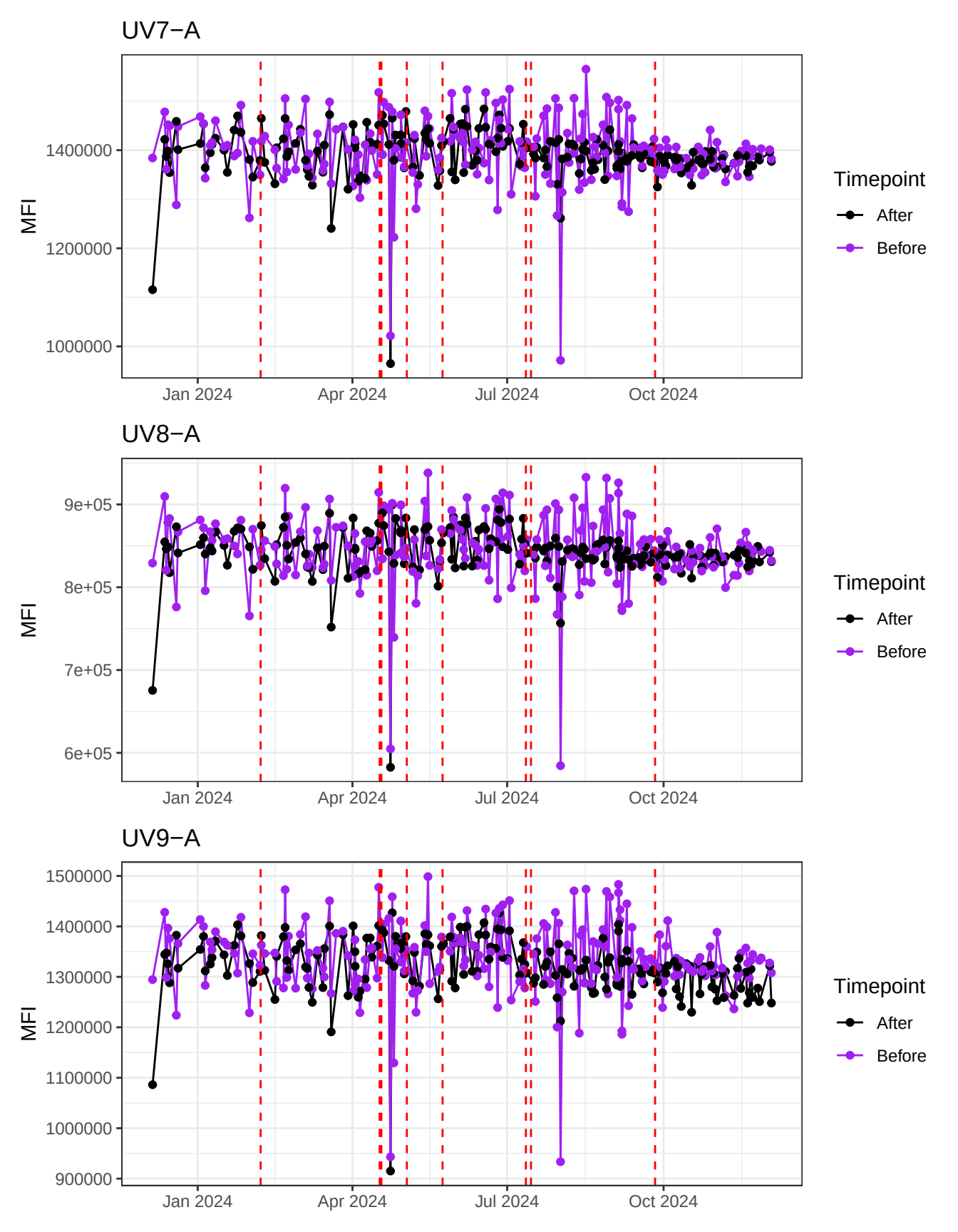
Timepoint
After
Before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Jul 2024
Oct 2024
Timepoint
After
Before
UV8−A
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8e+05
7e+05
6e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV9−A
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Apr 2024
Jul 2024
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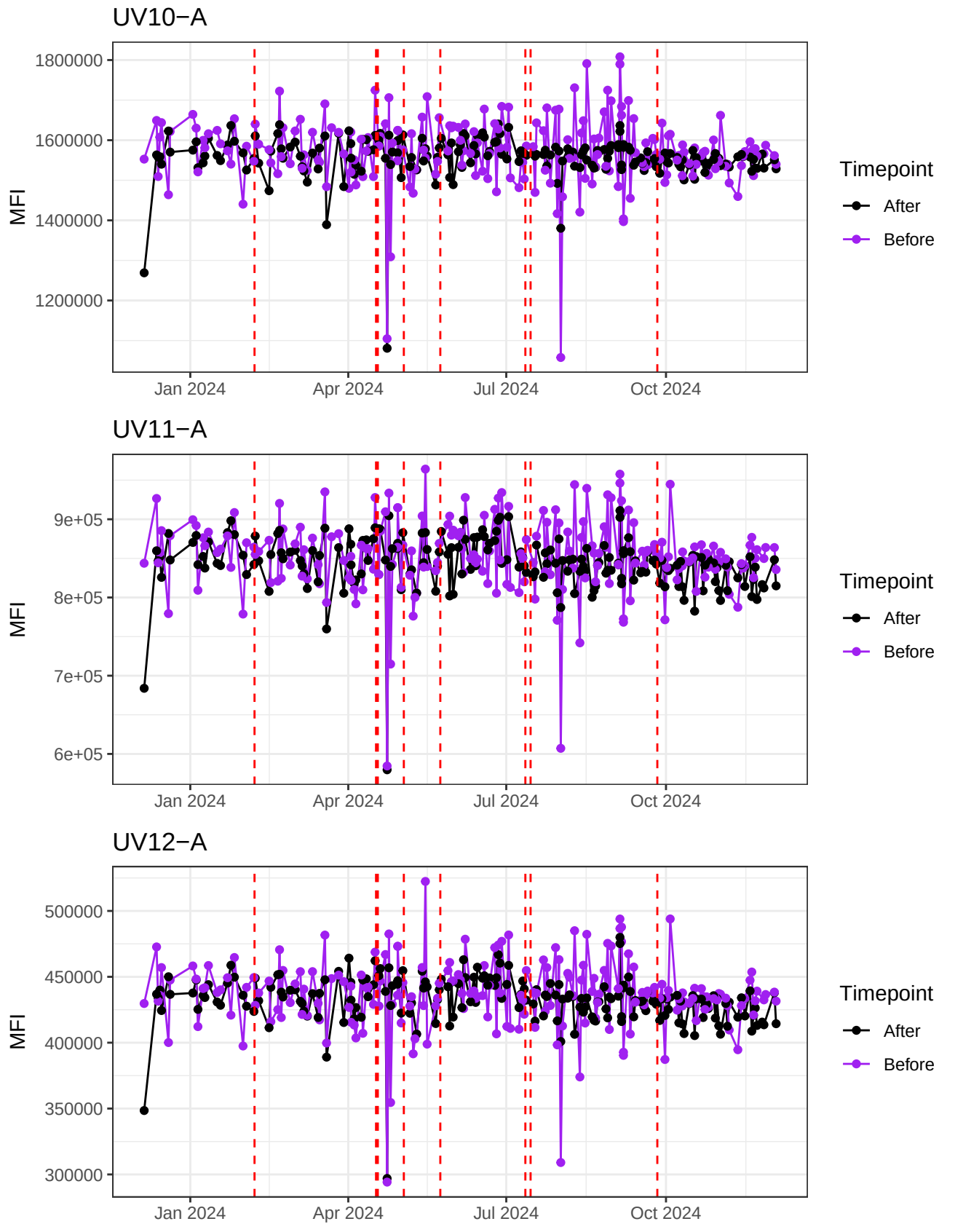
Timepoint
After
Before


UV10−A
MFI
1800000
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Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV11−A
MFI
9e+05
8e+05
7e+05
6e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV12−A
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350000
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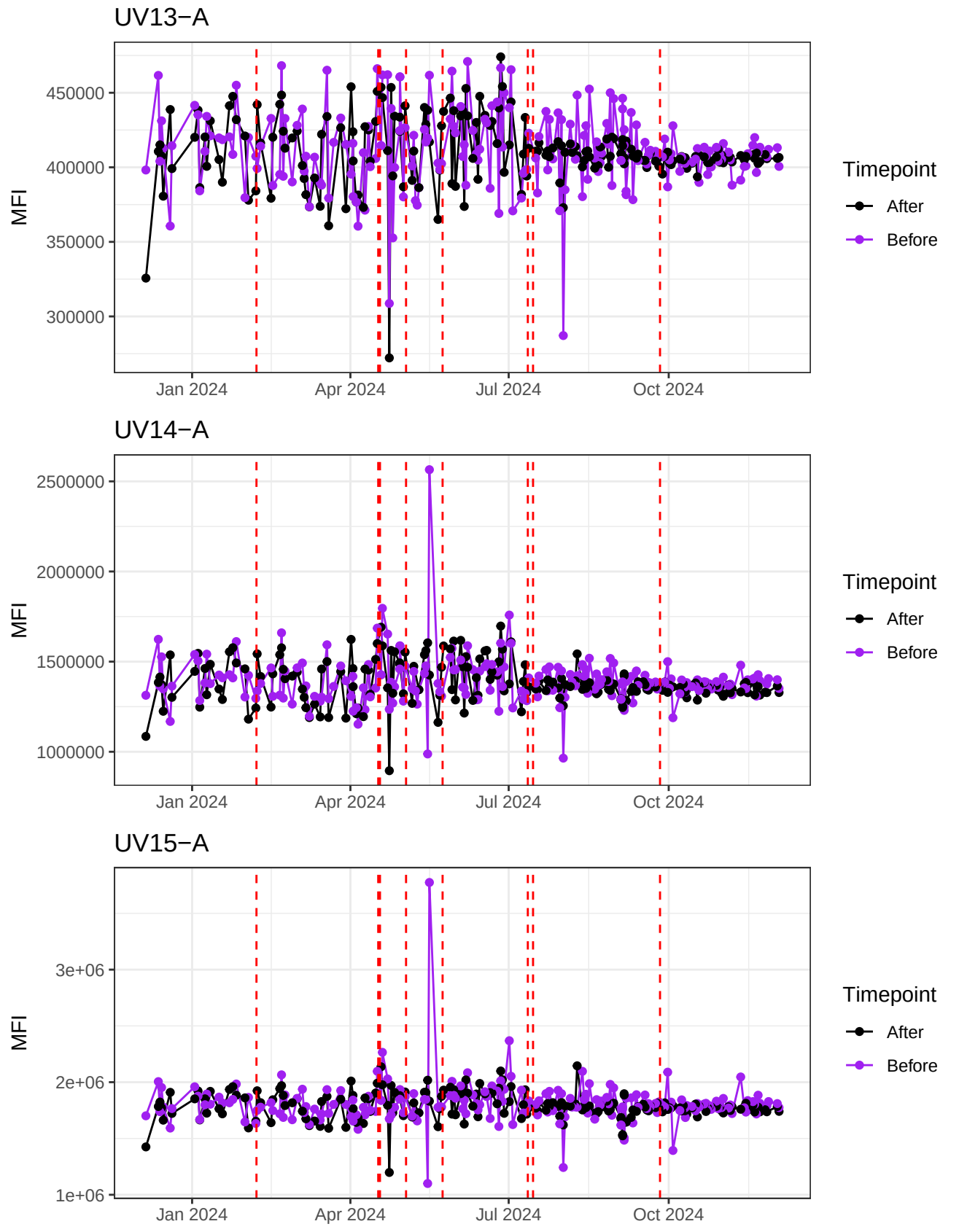
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


UV13−A
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Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV14−A
MFI
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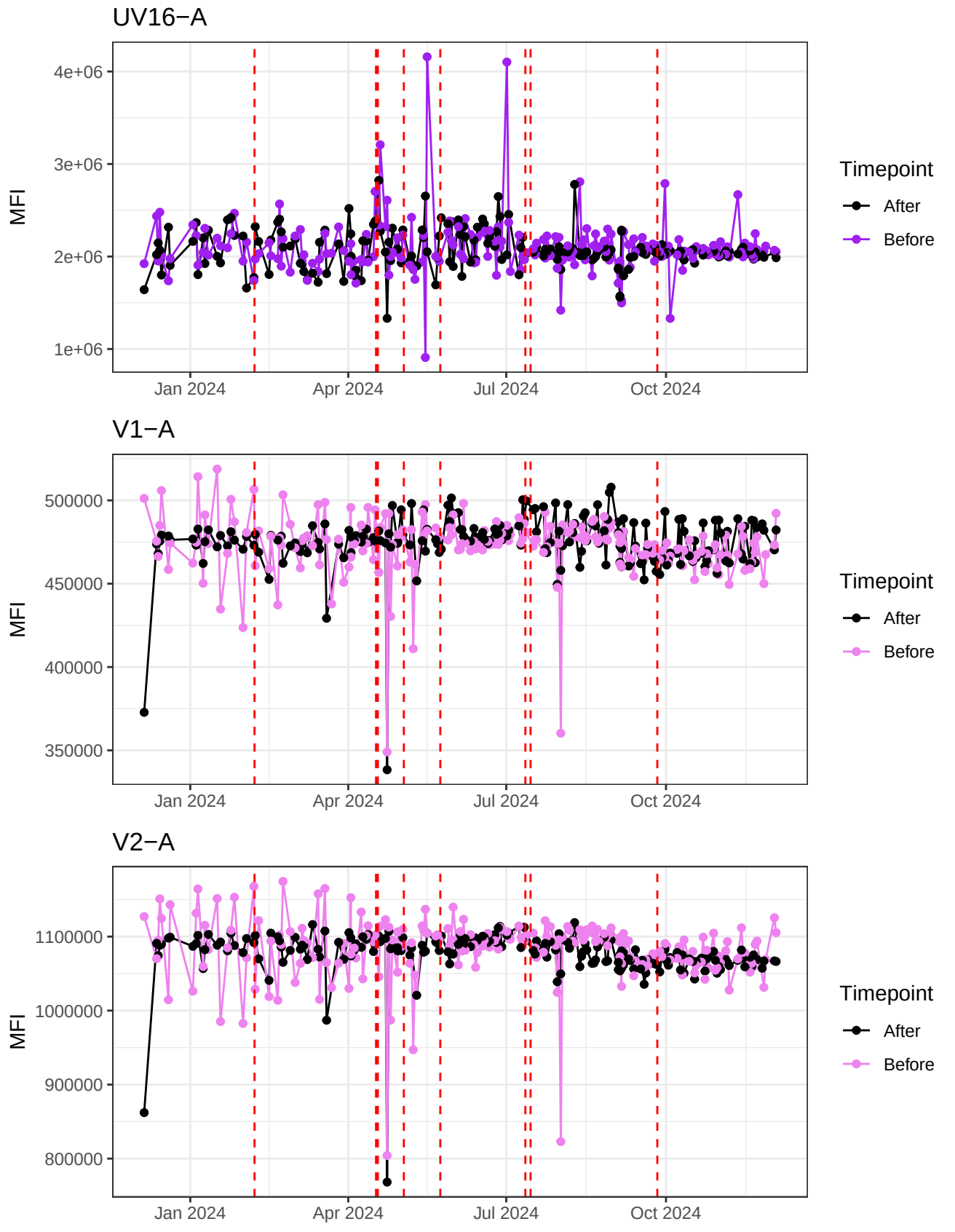
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV15−A
MFI
3e+06
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


UV16−A
MFI
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3e+06
2e+06
1e+06
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V1−A
MFI
500000
450000
400000
350000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
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MFI
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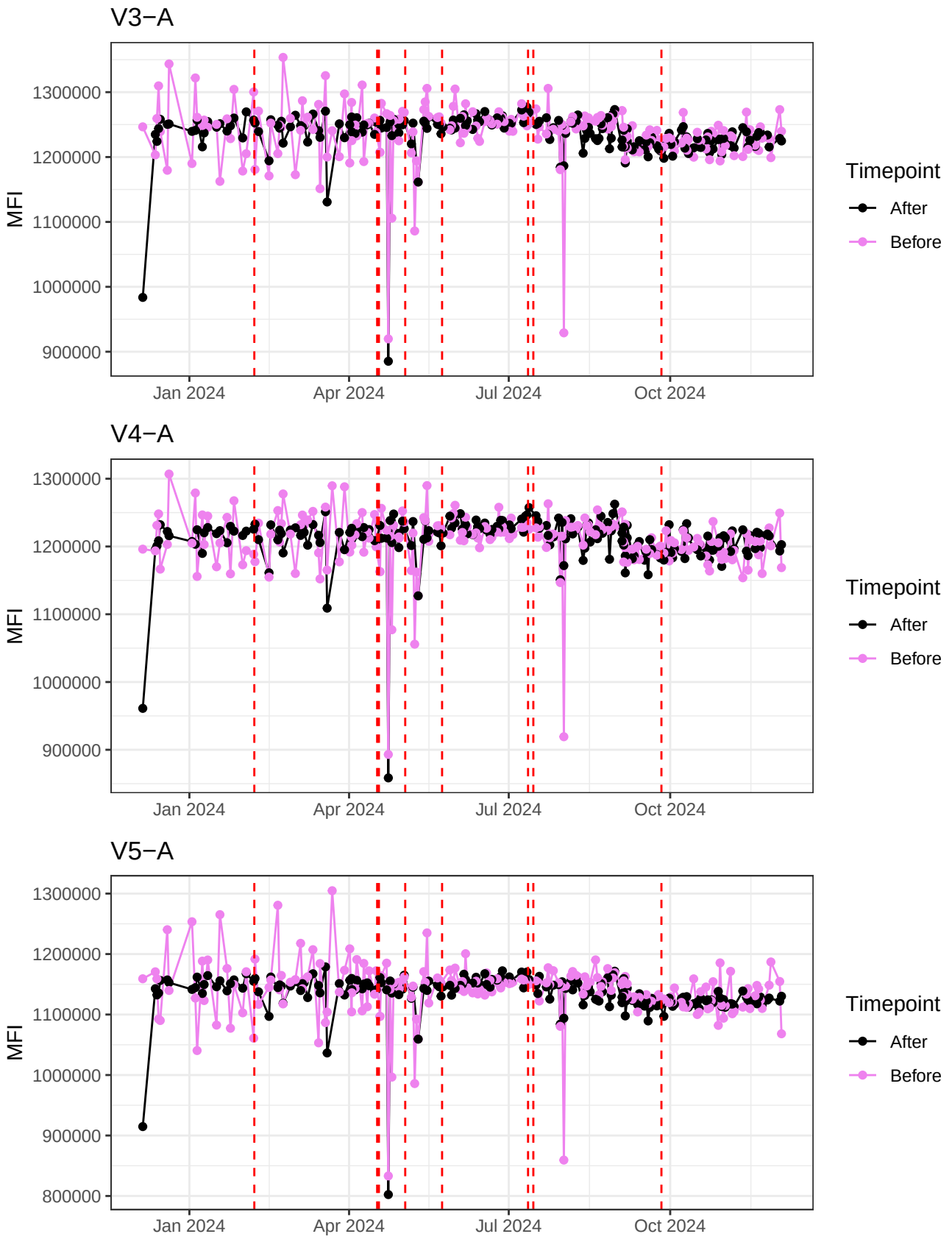
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


V3−A
MFI
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1100000
1000000
900000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V4−A
MFI
1300000
1200000
1100000
1000000
900000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V5−A
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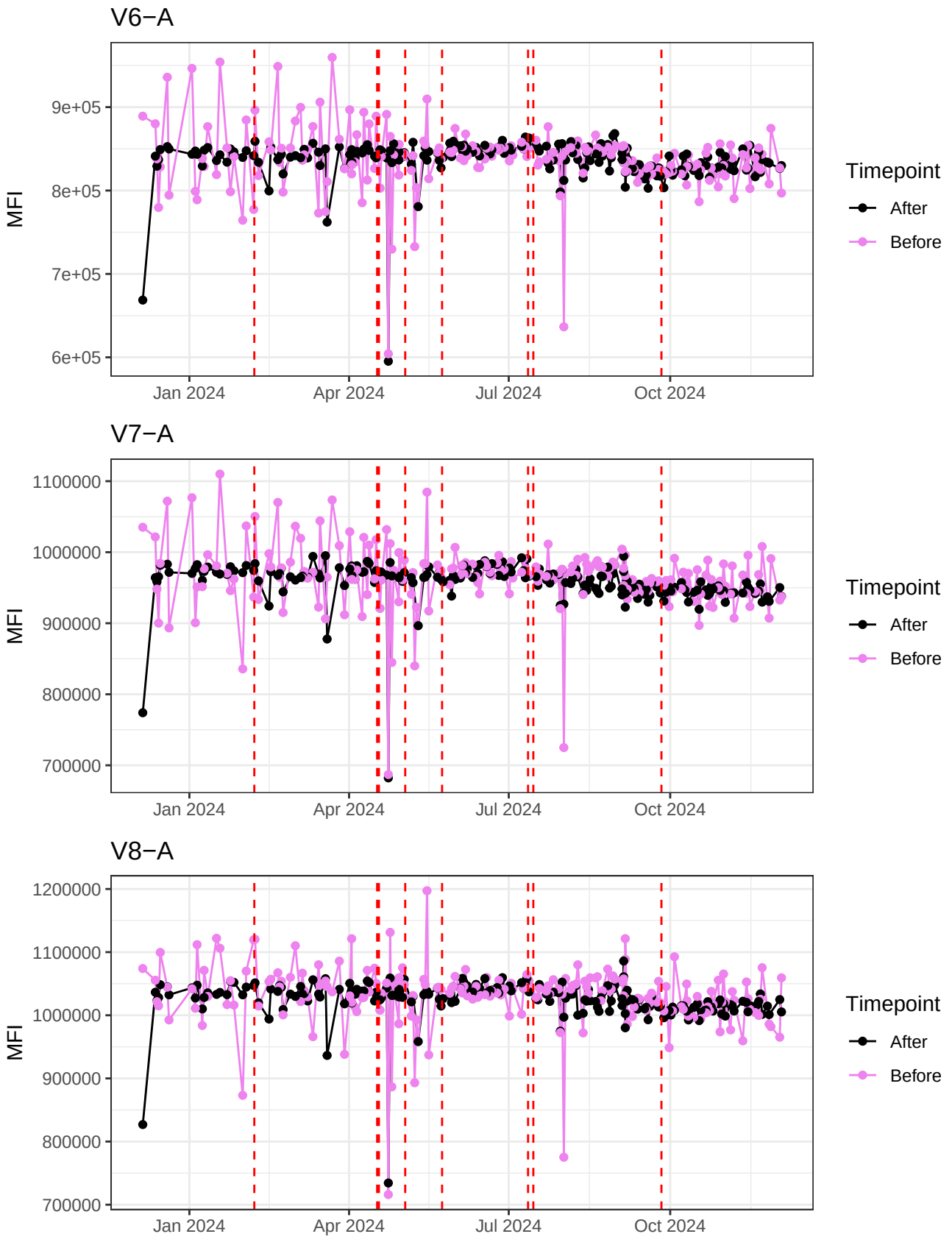
V6−A
MFI
9e+05
8e+05
7e+05
6e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V7−A
MFI
1100000
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800000
700000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V8−A
MFI
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Timepoint
After
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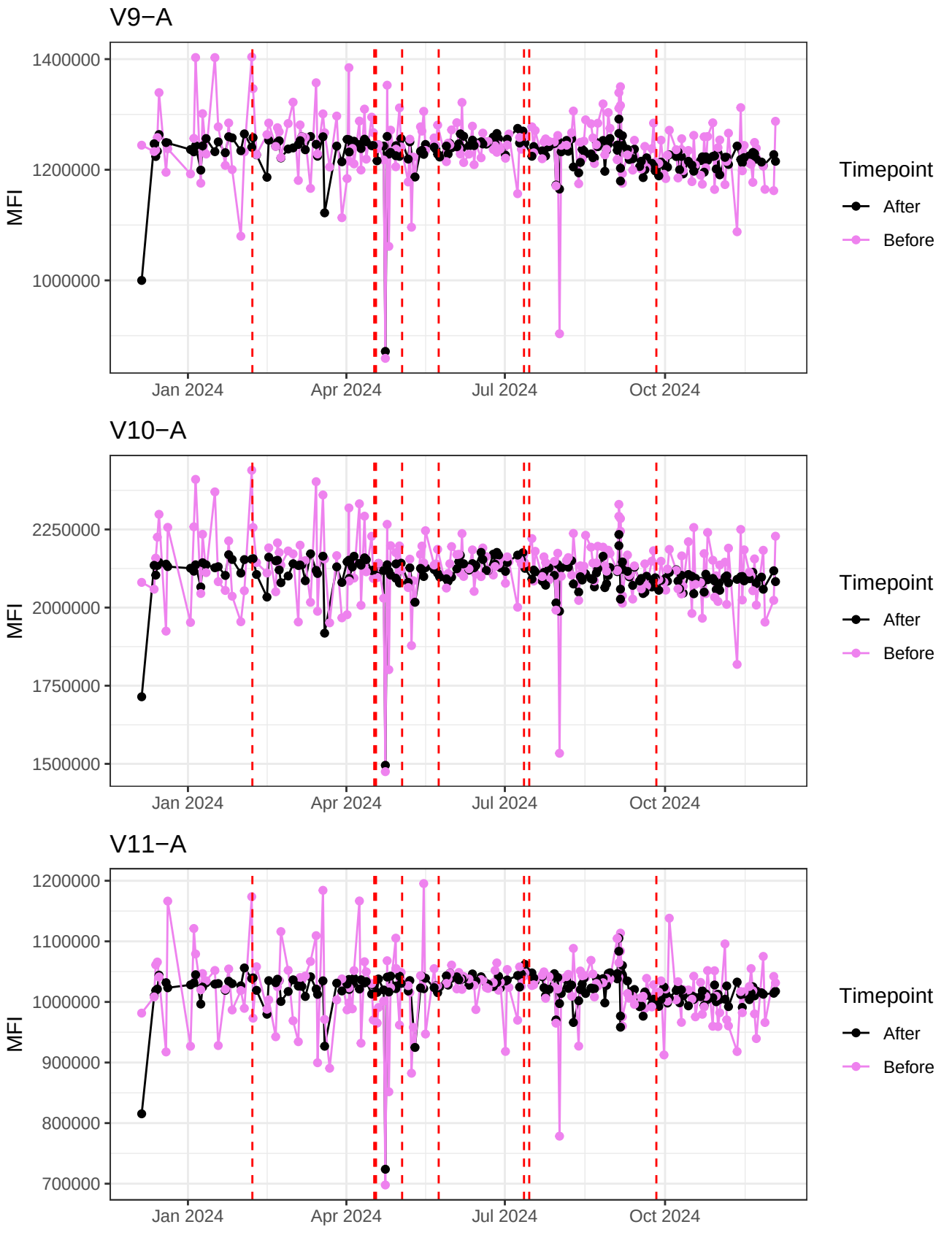
V9−A
MFI
1400000
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1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V10−A
MFI
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1500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V11−A
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900000
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700000
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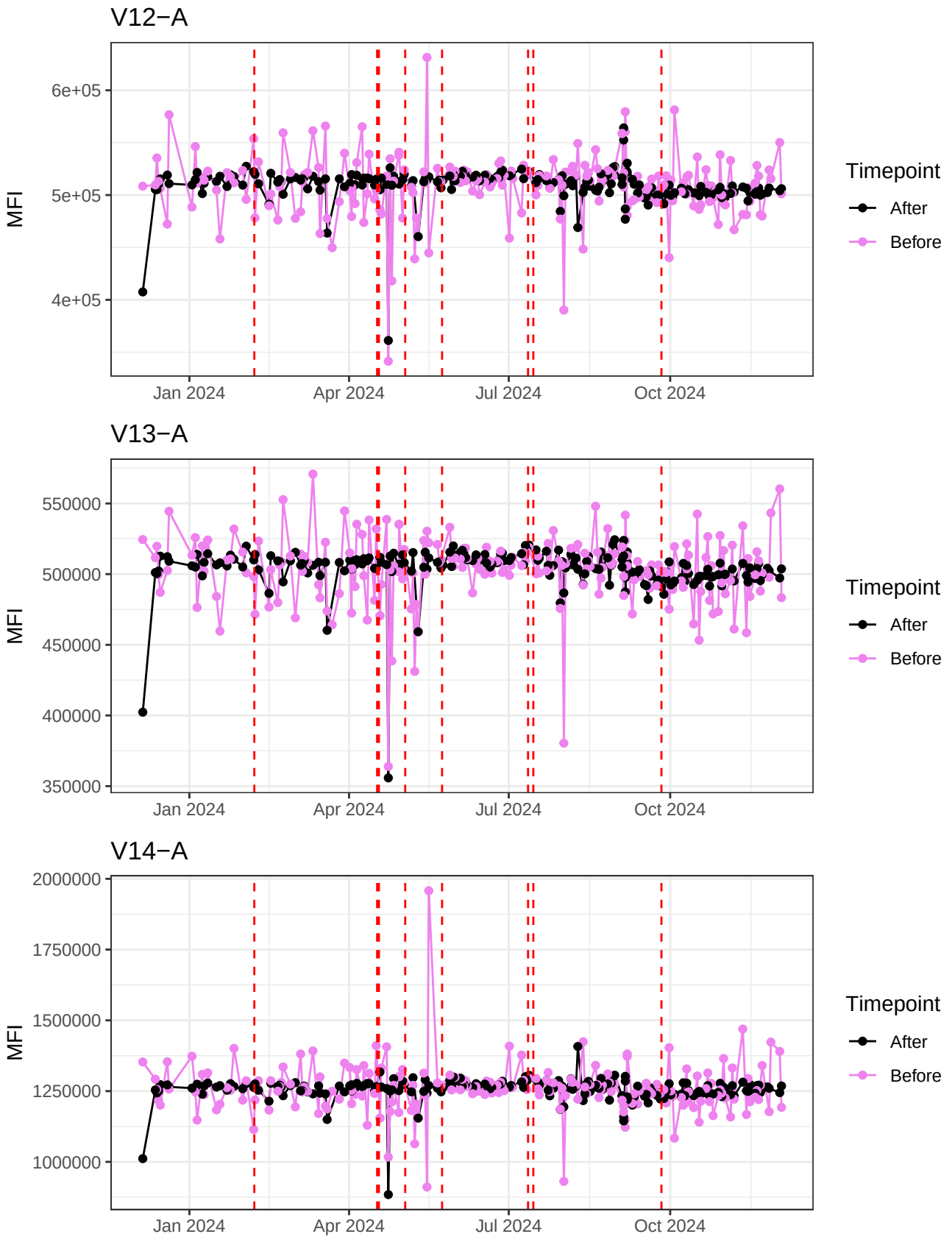
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


V12−A
MFI
6e+05
5e+05
4e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V13−A
MFI
550000
500000
450000
400000
350000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V14−A
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1250000
1000000
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Apr 2024
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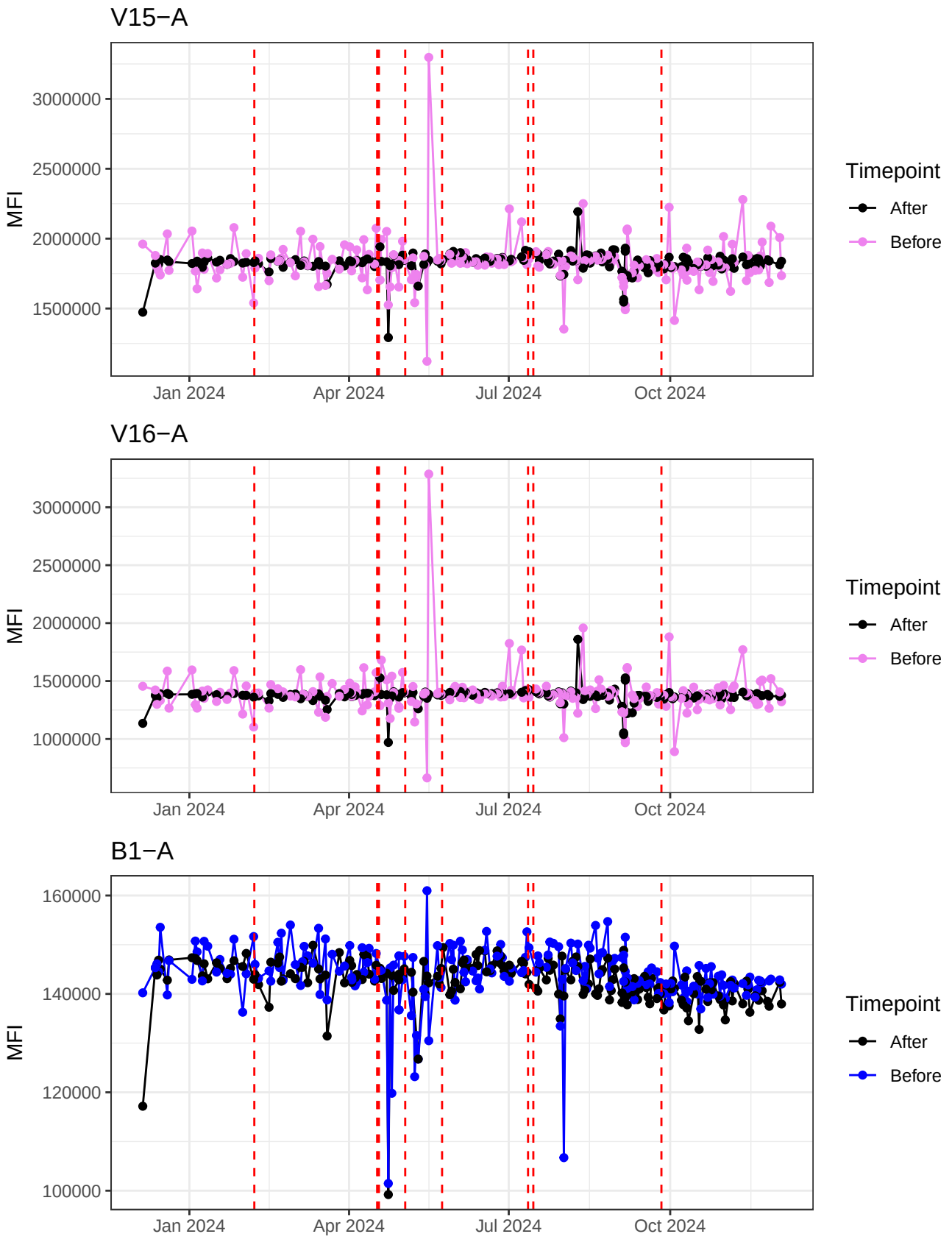
Oct 2024
Timepoint
After
Before


V15−A
MFI
3000000
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2000000
1500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
V16−A
MFI
3000000
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1500000
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
B1−A
MFI
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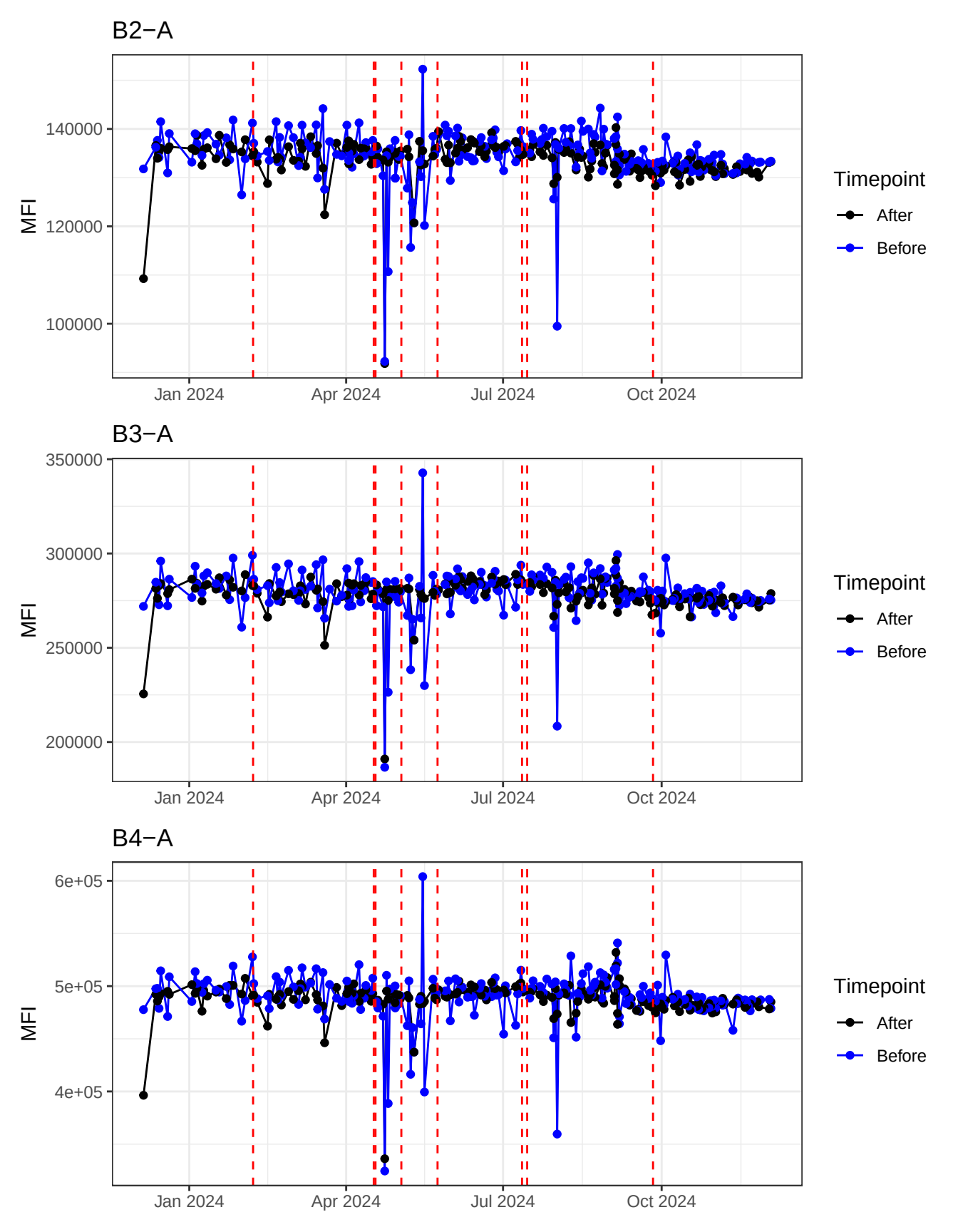
120000
100000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


B2−A
MFI
140000
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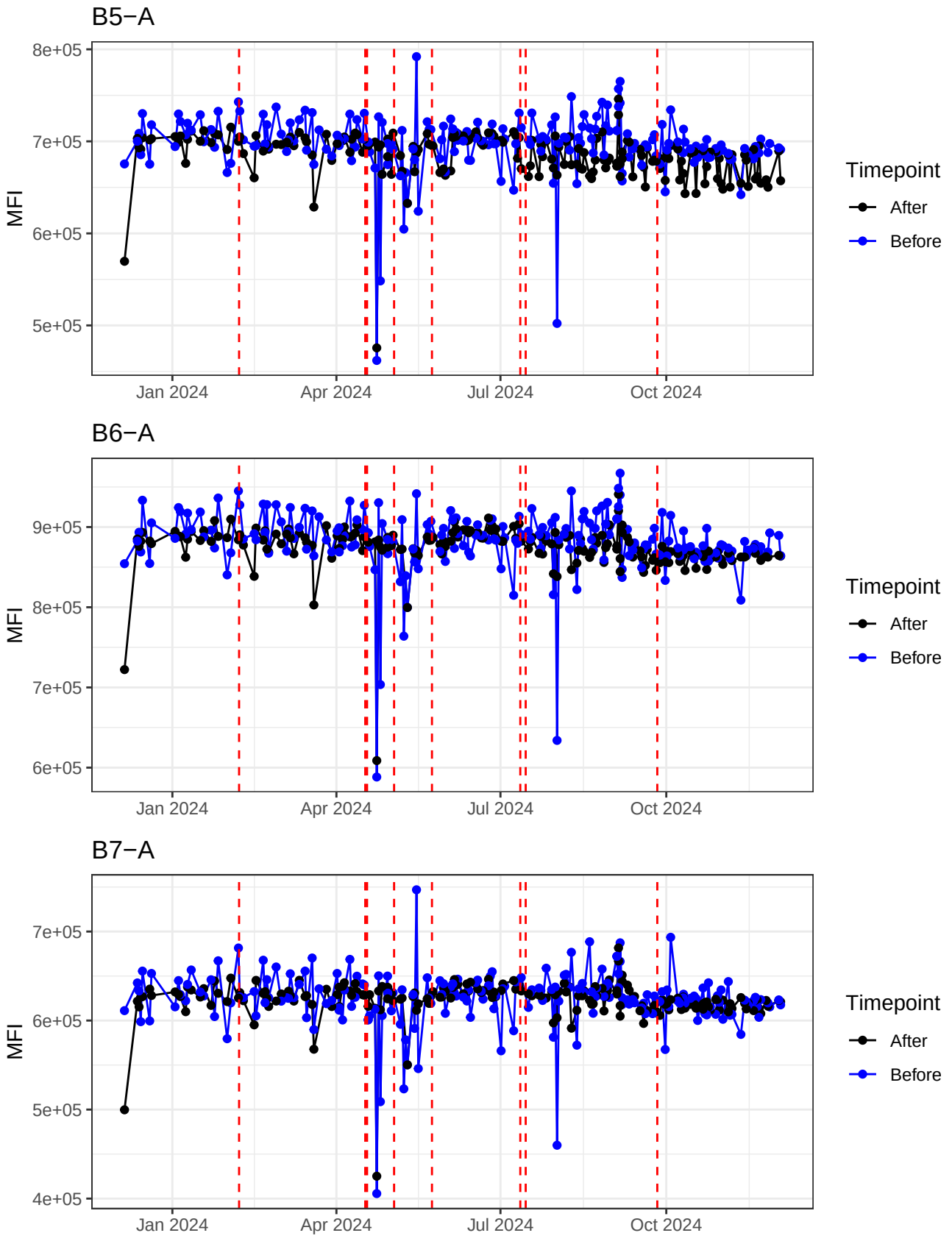
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
B3−A
MFI
350000
300000
250000
200000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
B4−A
MFI
6e+05
5e+05
4e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


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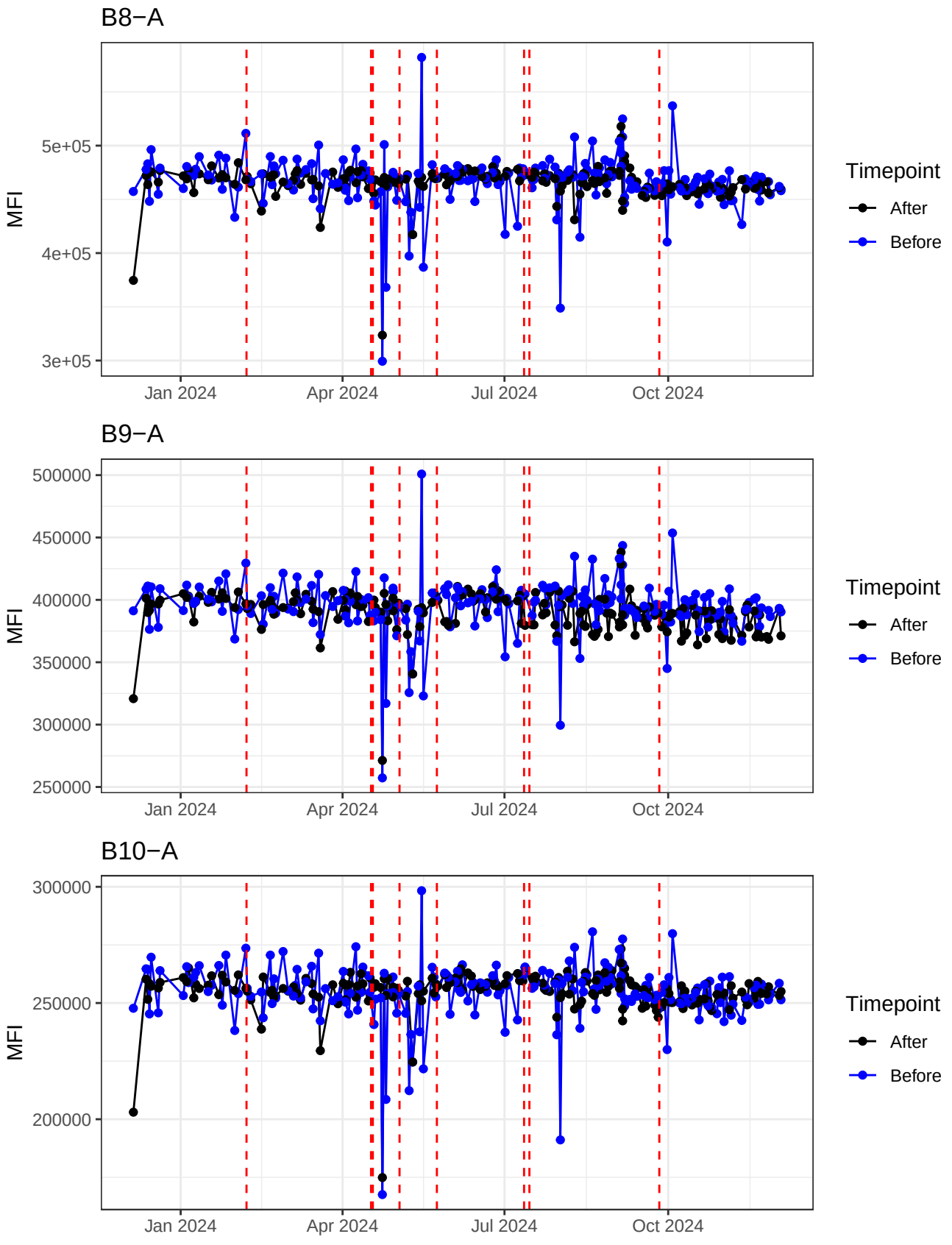
Timepoint
After
Before


B8−A
MFI
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
B9−A
MFI
500000
450000
400000
350000
300000
250000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
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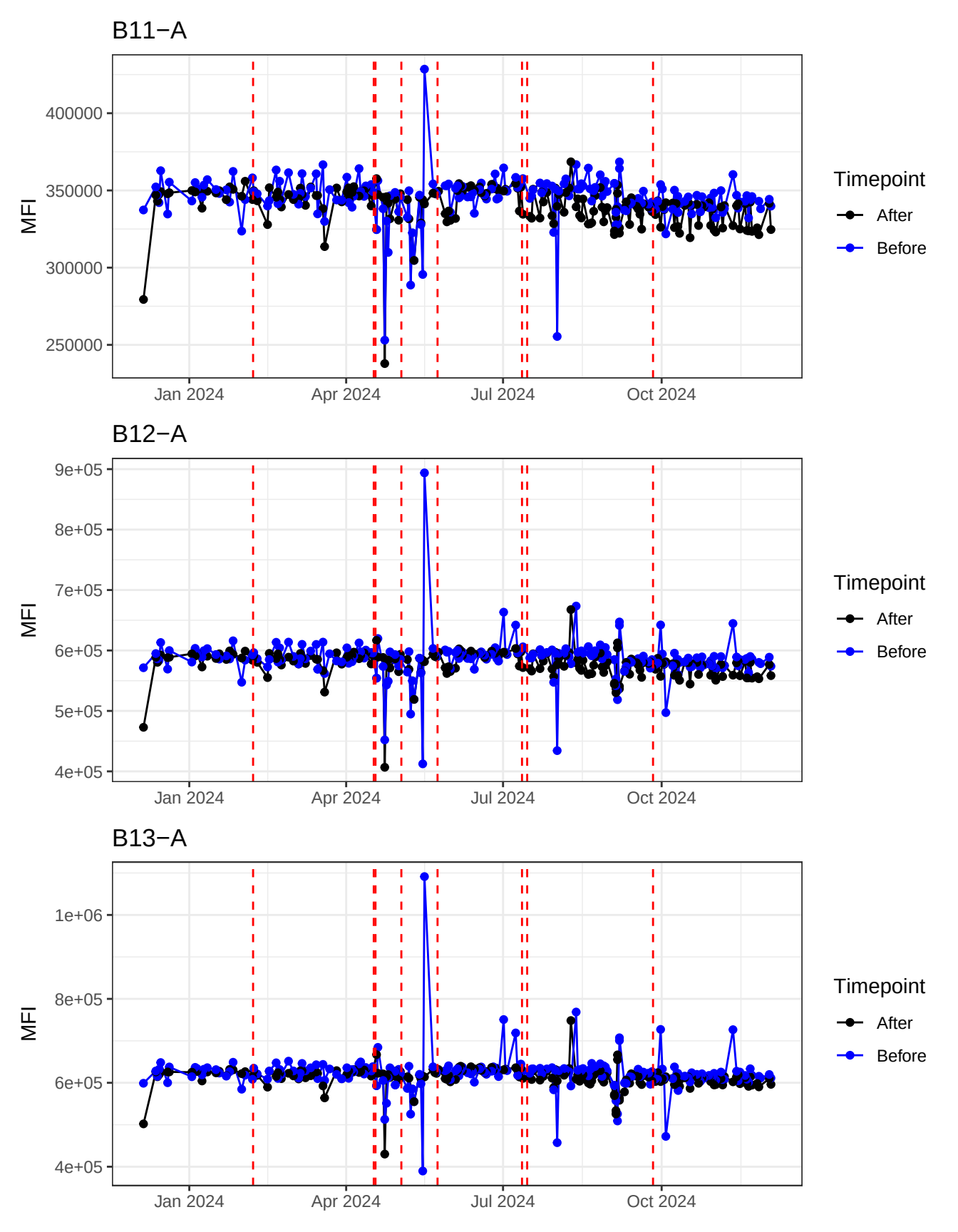
MFI
300000
250000
200000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


B11−A
MFI
400000
350000
300000
250000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
B12−A
MFI
9e+05
8e+05
7e+05
6e+05
5e+05
4e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
B13−A
MFI
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8e+05
6e+05
4e+05
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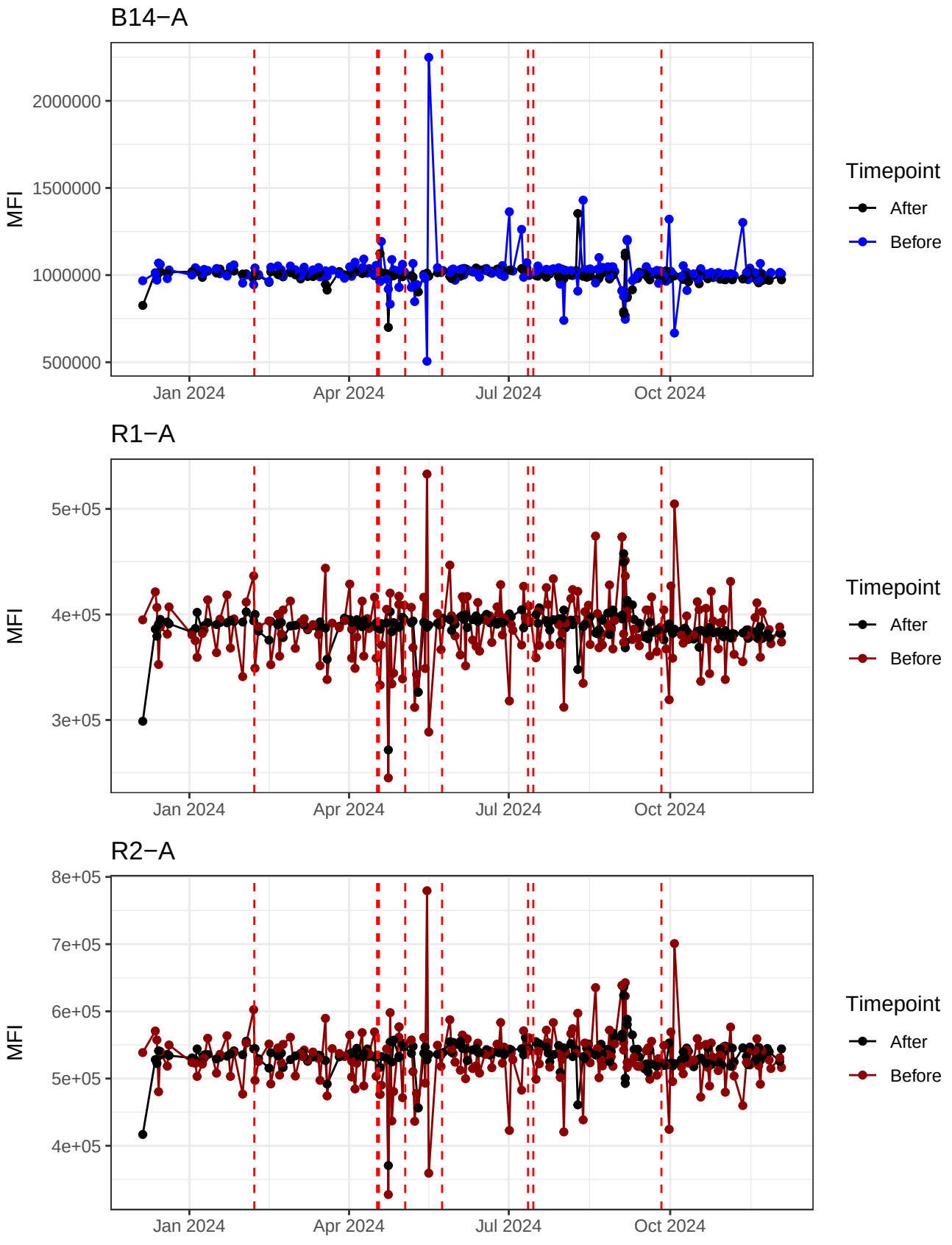
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


B14−A
MFI
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1000000
500000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
R1−A
MFI
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
R2−A
MFI
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6e+05
5e+05
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Apr 2024
Jul 2024
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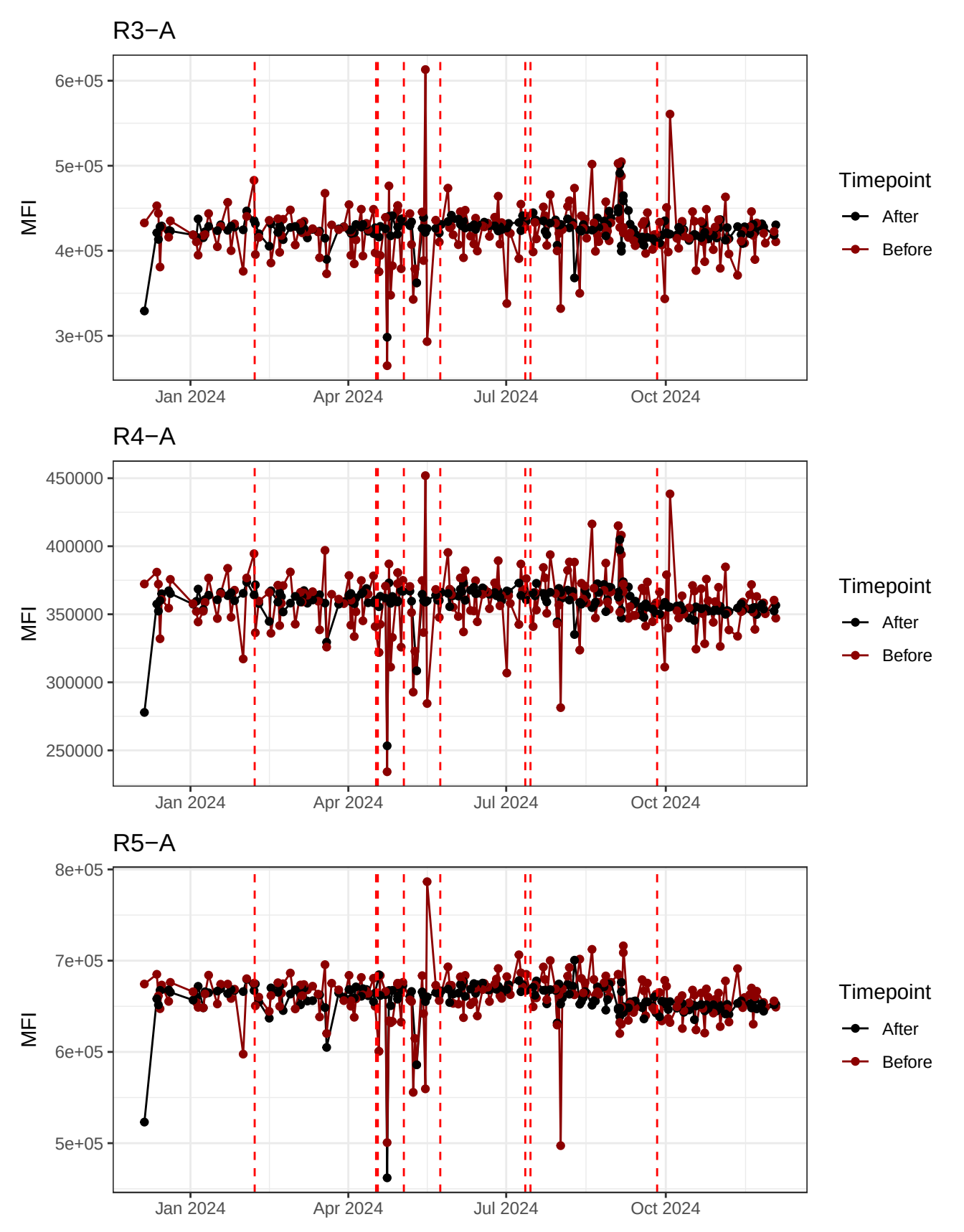
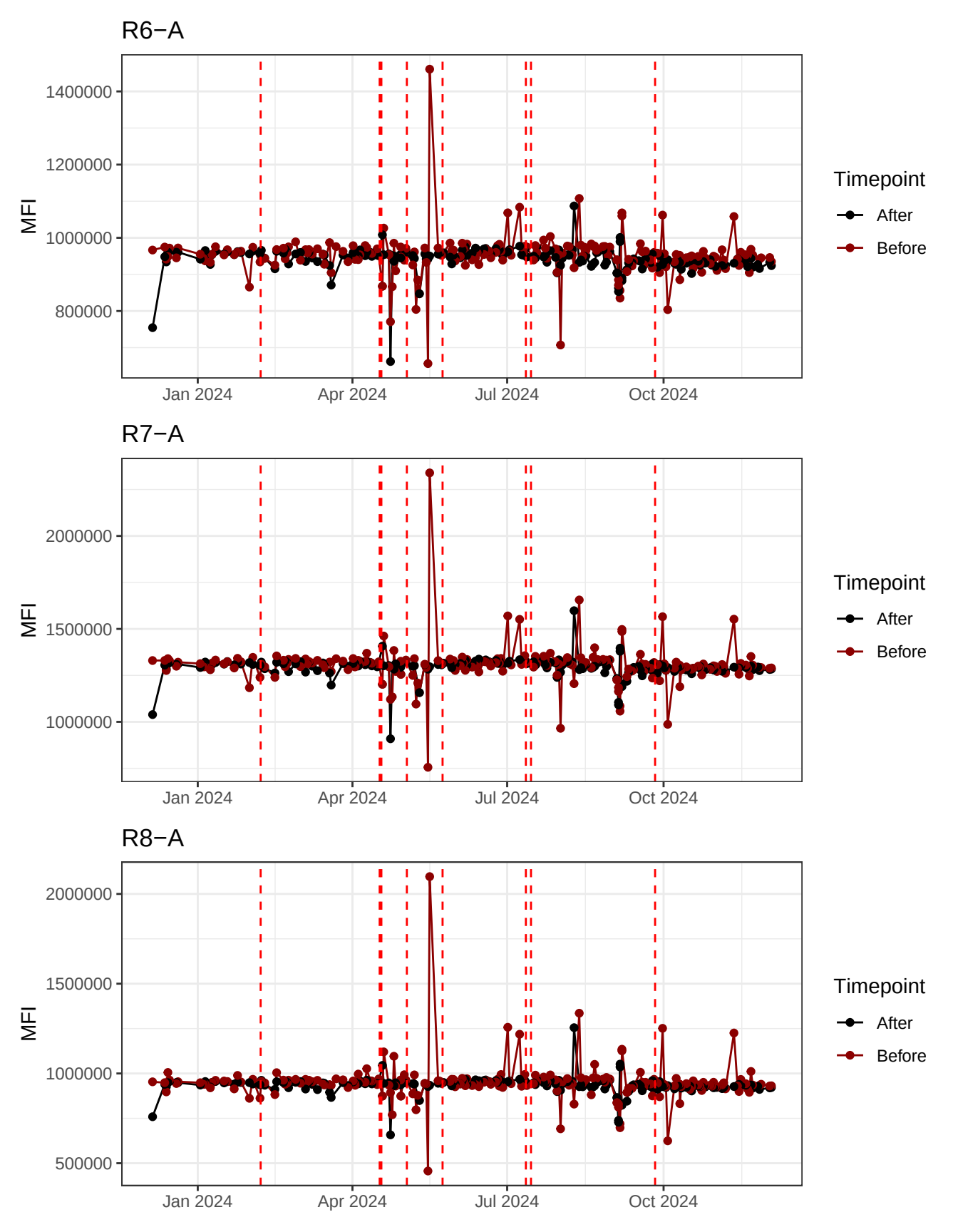
Timepoint
After
Before


R3−A
MFI
6e+05
5e+05
4e+05
3e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
R4−A
MFI
450000
400000
350000
300000
250000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
R5−A
MFI
8e+05
7e+05
6e+05
5e+05
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before


R6−A
MFI
1400000
1200000
1000000
800000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
R7−A
MFI
2000000
1500000
1000000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
R8−A
MFI
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1000000
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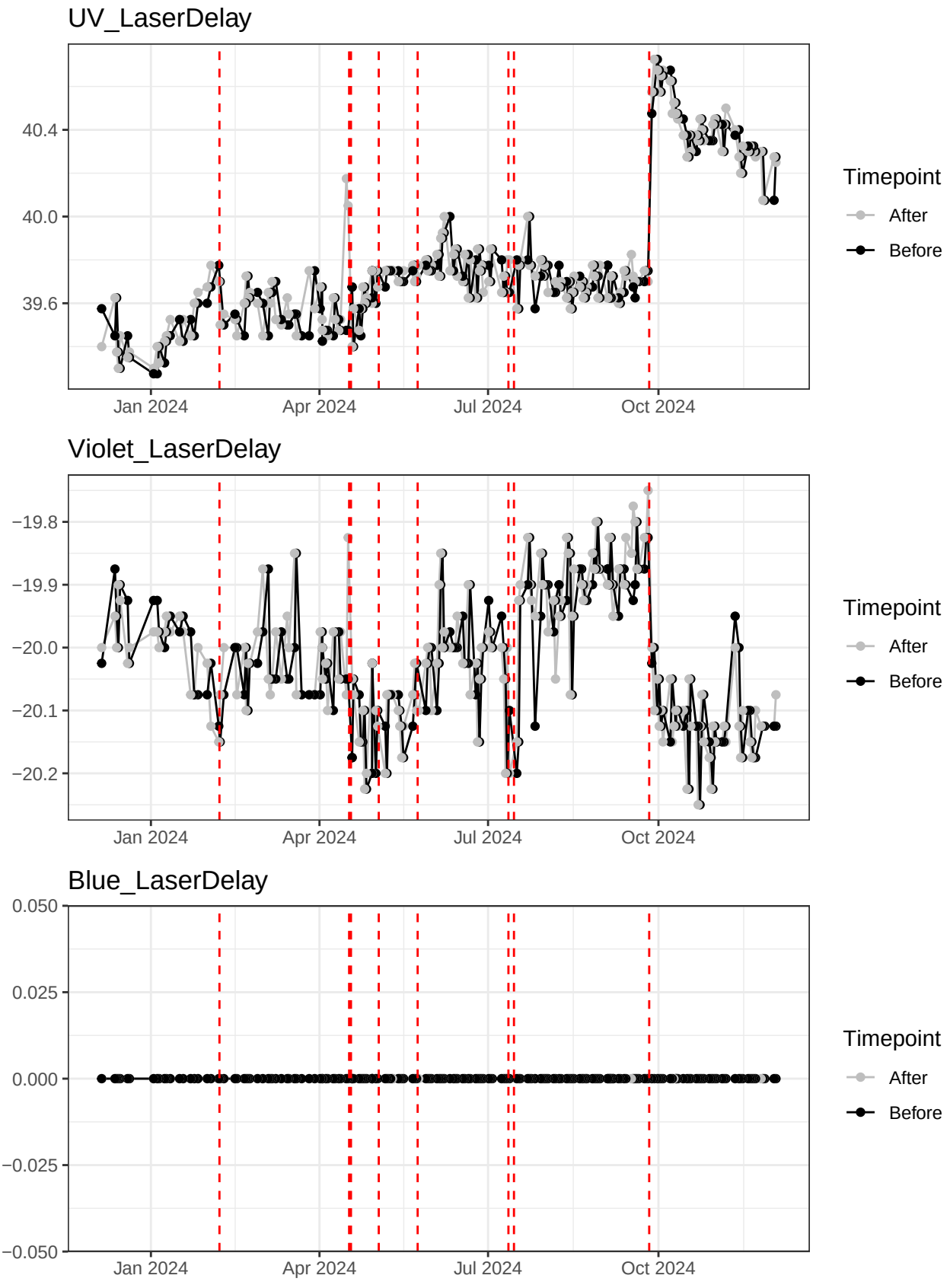
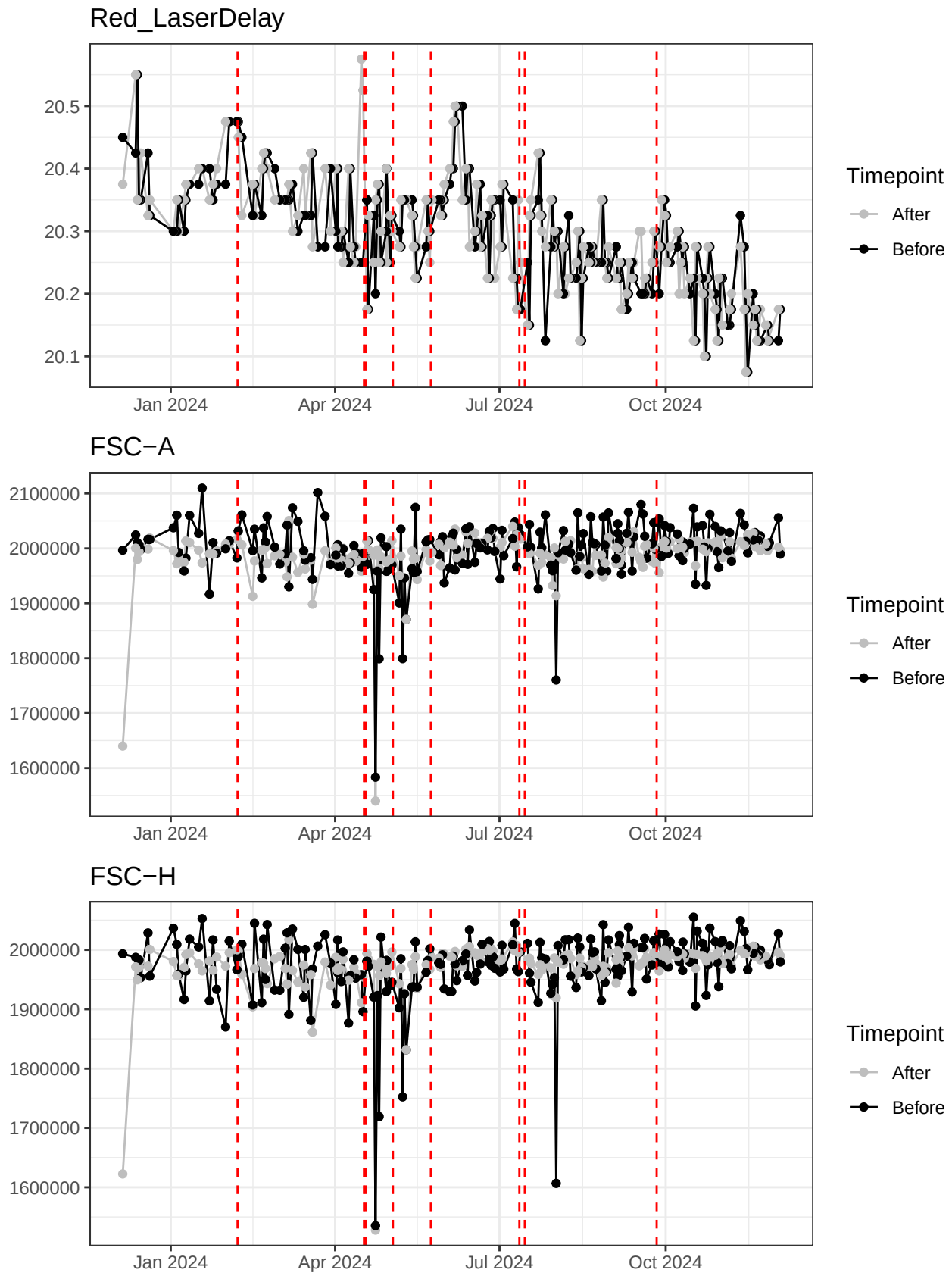
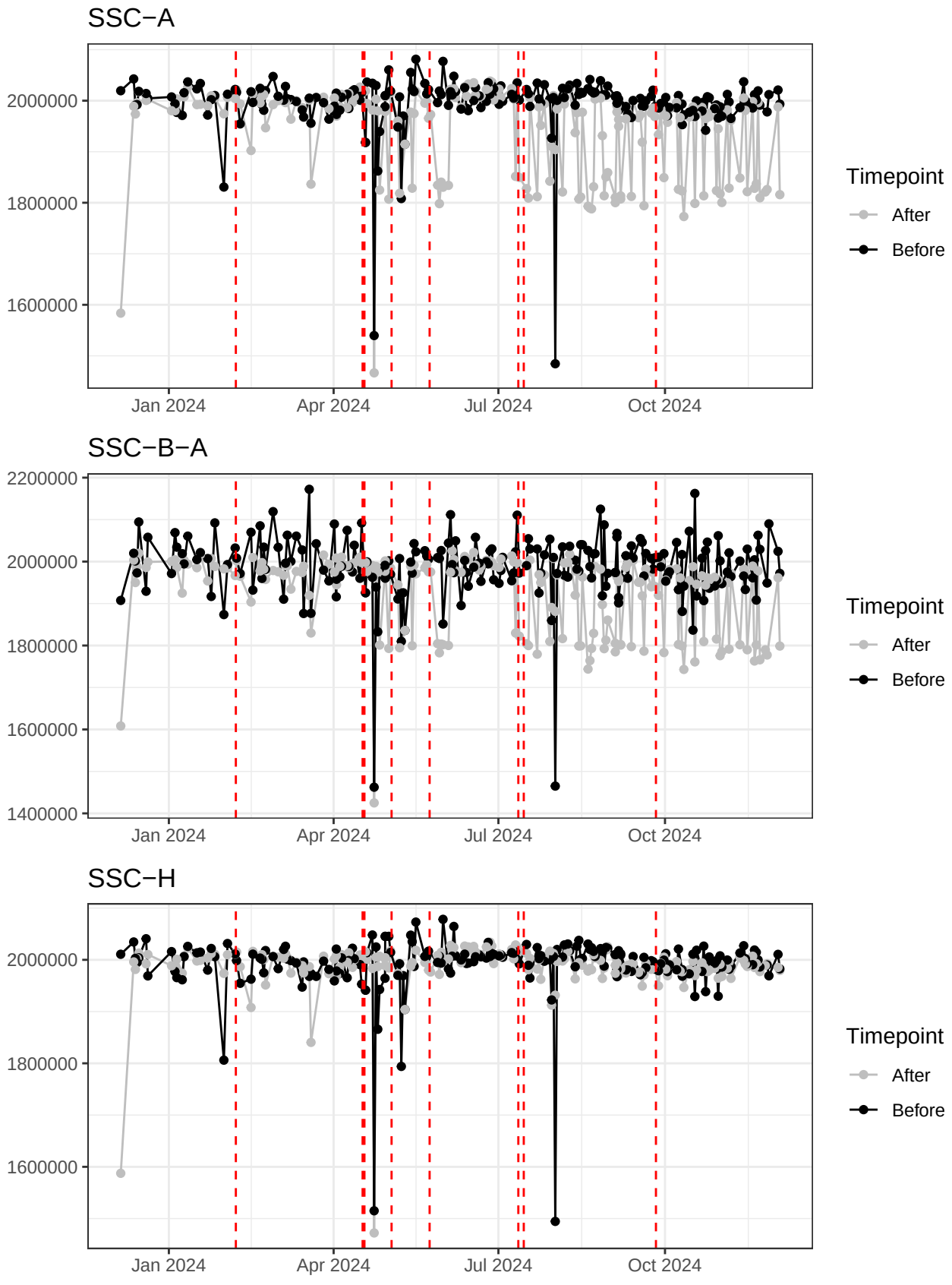
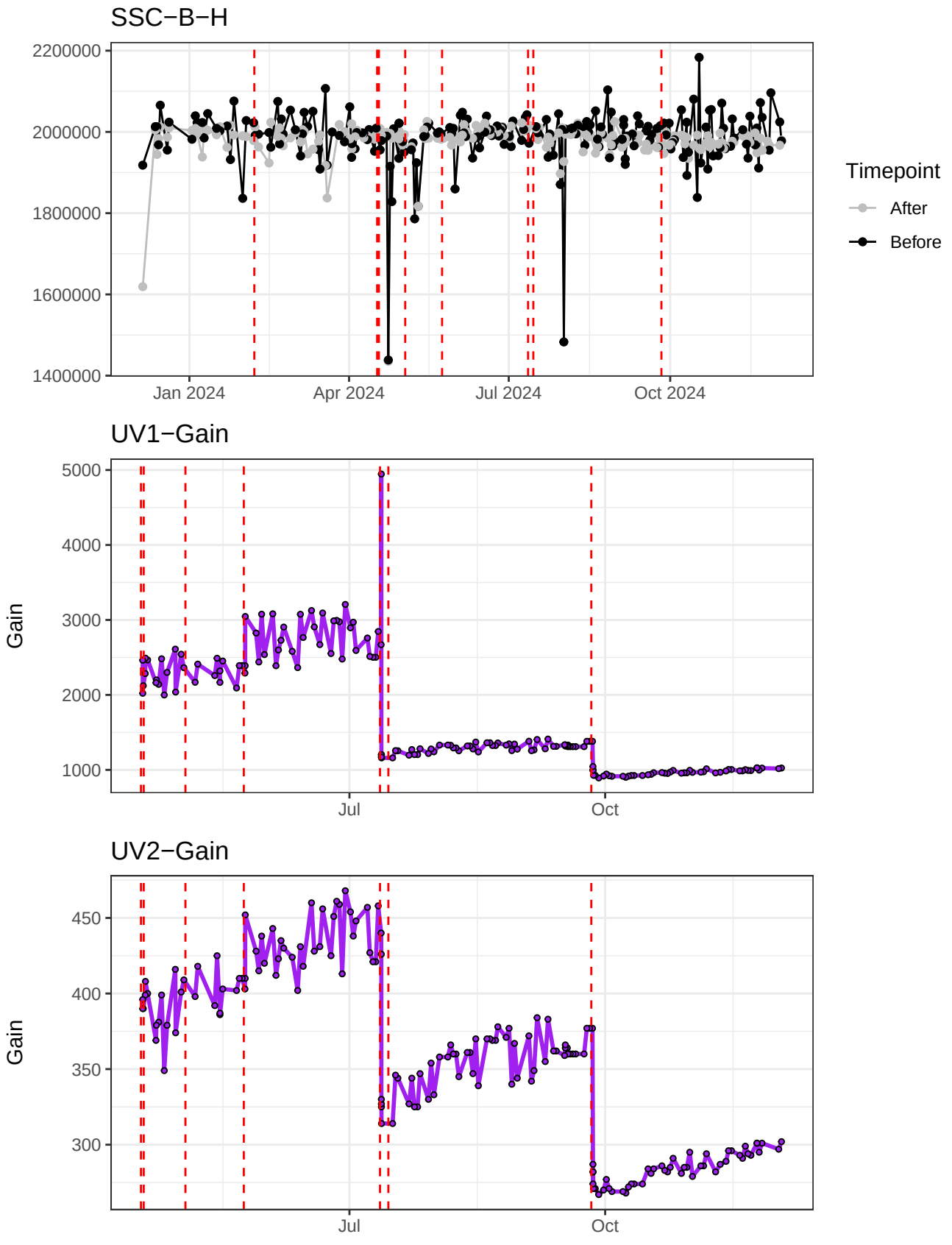
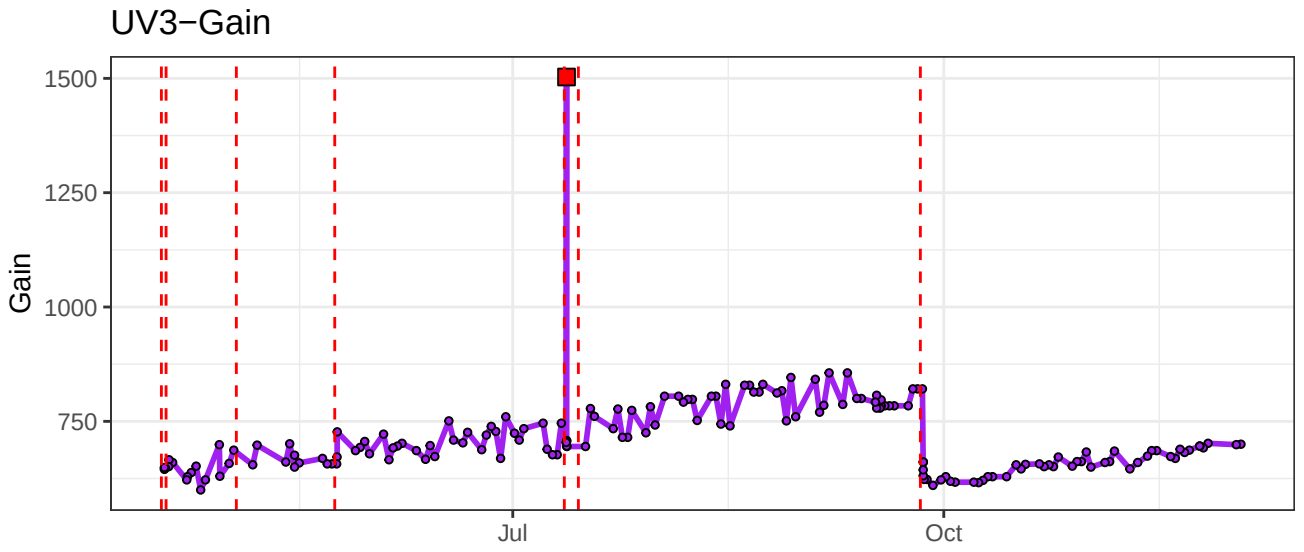
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before

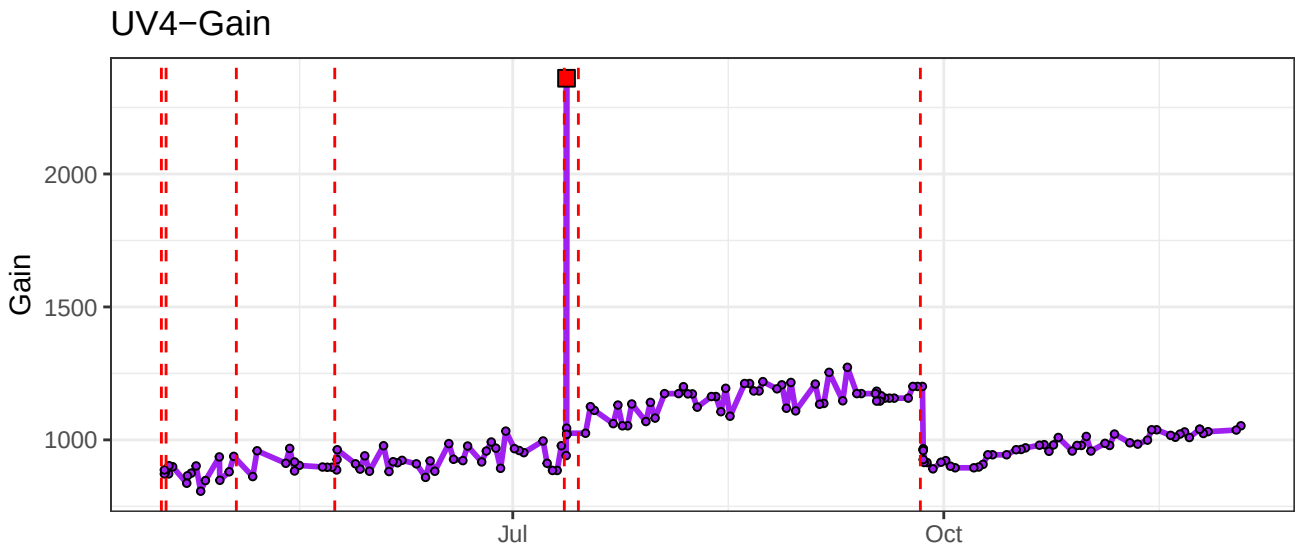

UV_LaserDelay
40.4
40.0
39.6
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
Violet_LaserDelay
−19.8
−19.9
−20.0
−20.1
−20.2
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
Blue_LaserDelay
0.050
0.025
0.000
−0.025
−0.050
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before

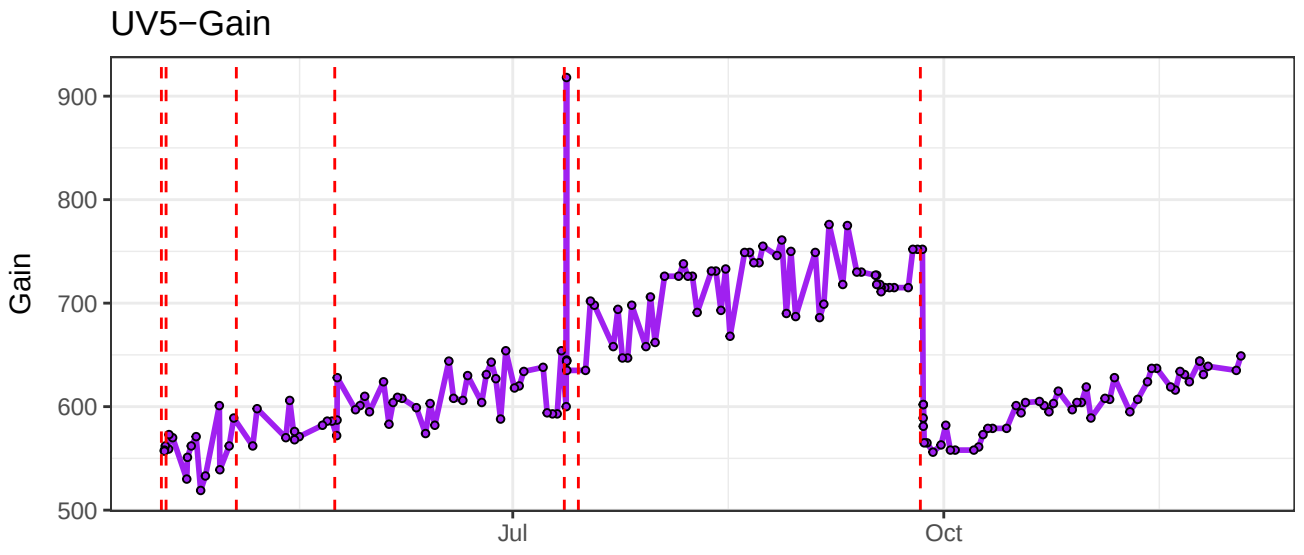

Red_LaserDelay
20.5
20.4
20.3
20.2
20.1
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
FSC−A
2100000
2000000
1900000
1800000
1700000
1600000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
FSC−H
2000000
1900000
1800000
1700000
1600000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before

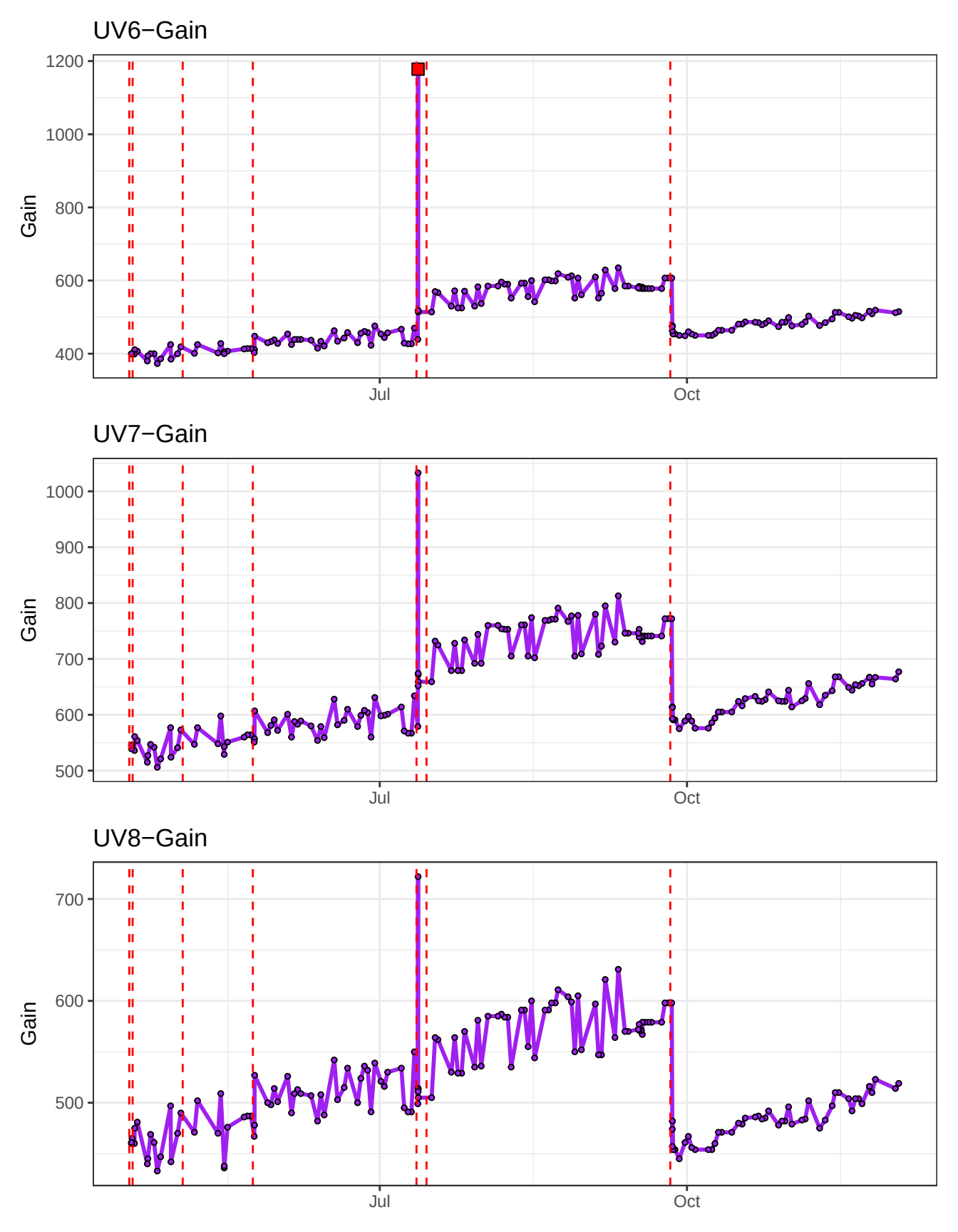

SSC−A
2000000
1800000
1600000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
SSC−B−A
2200000
2000000
1800000
1600000
1400000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
SSC−H
2000000
1800000
1600000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before

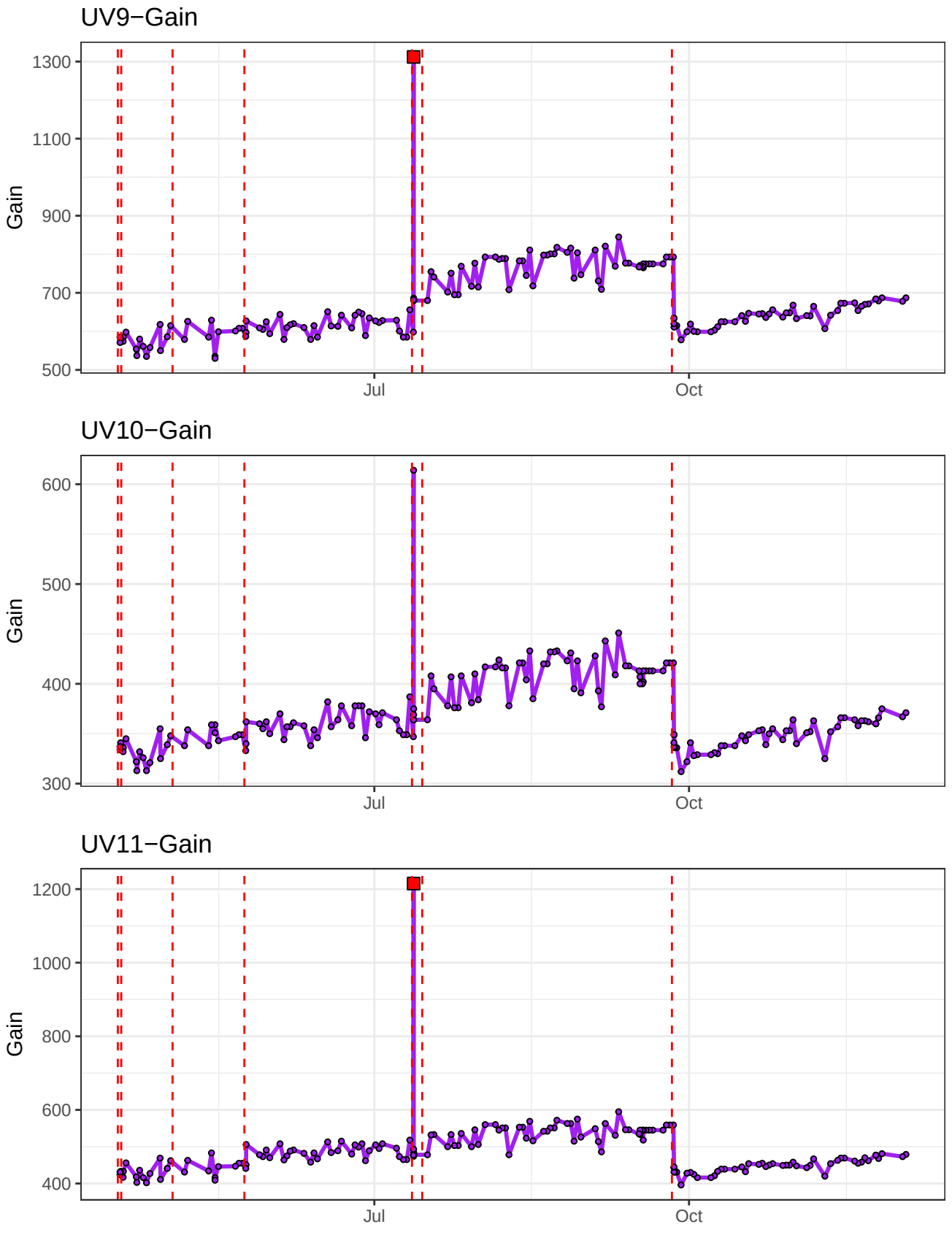

SSC−B−H
2200000
2000000
1800000
1600000
1400000
Jan 2024
Apr 2024
Jul 2024
Oct 2024
Timepoint
After
Before
UV1−Gain
Gain
5000
4000
3000
2000
1000
Jul
Oct
UV2−Gain
Gain
450
400
350
300
Jul
Oct

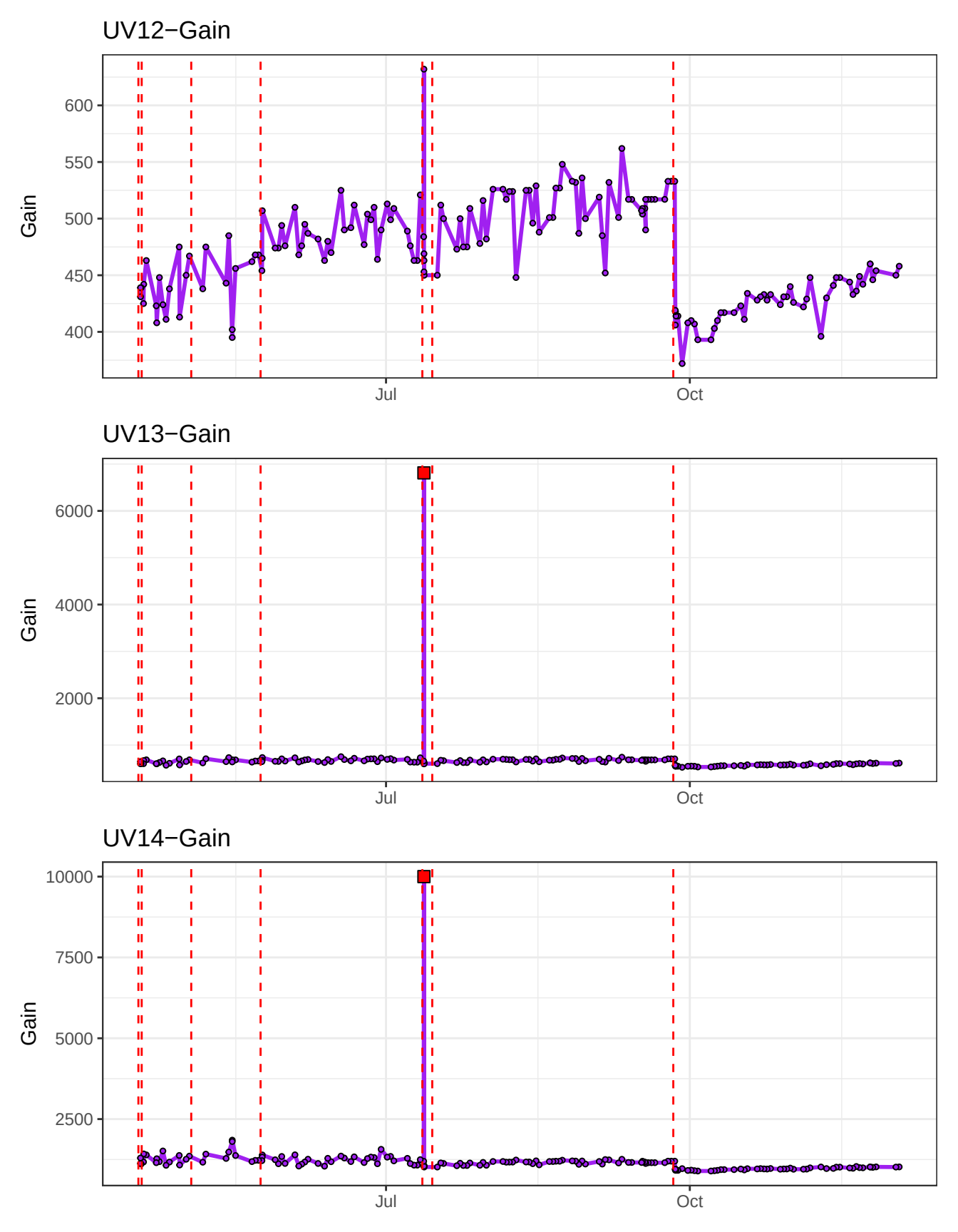

UV3−Gain
Gain
1500
1250
1000
750
Jul
Oct

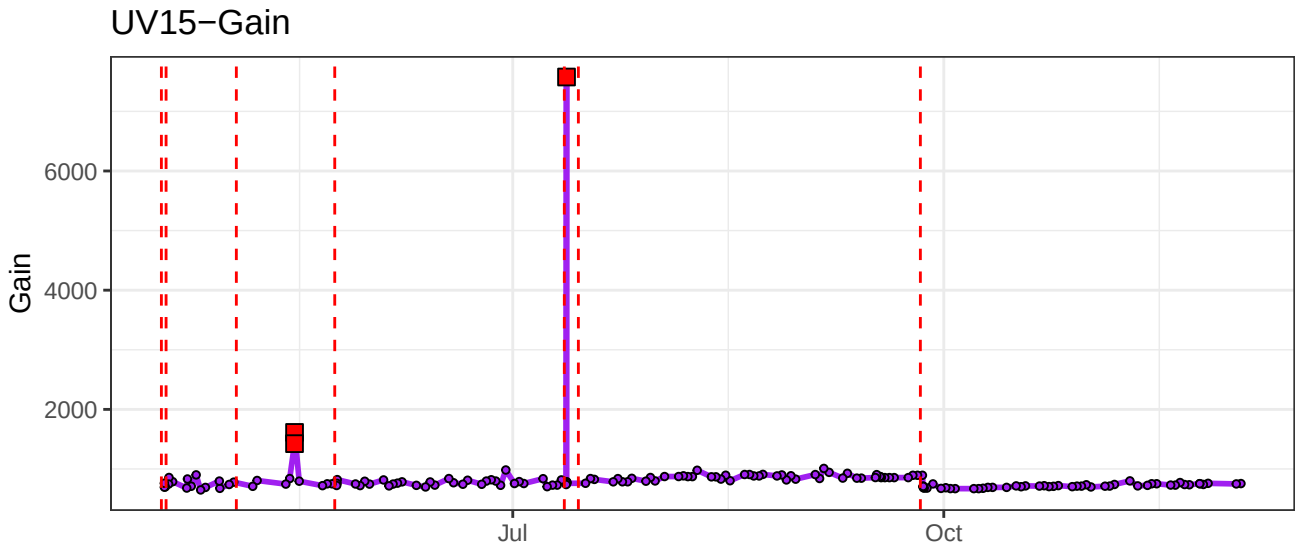

UV4−Gain
Gain
2000
1500
1000
Jul
Oct

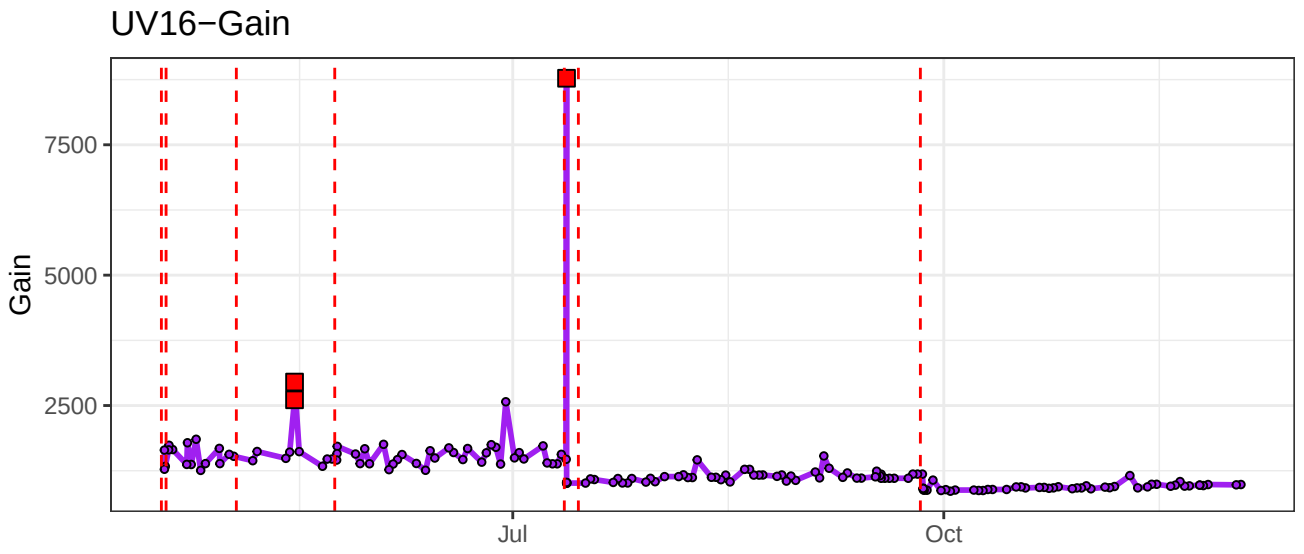

UV5−Gain
Gain
900
800
700
600
500
Jul
Oct

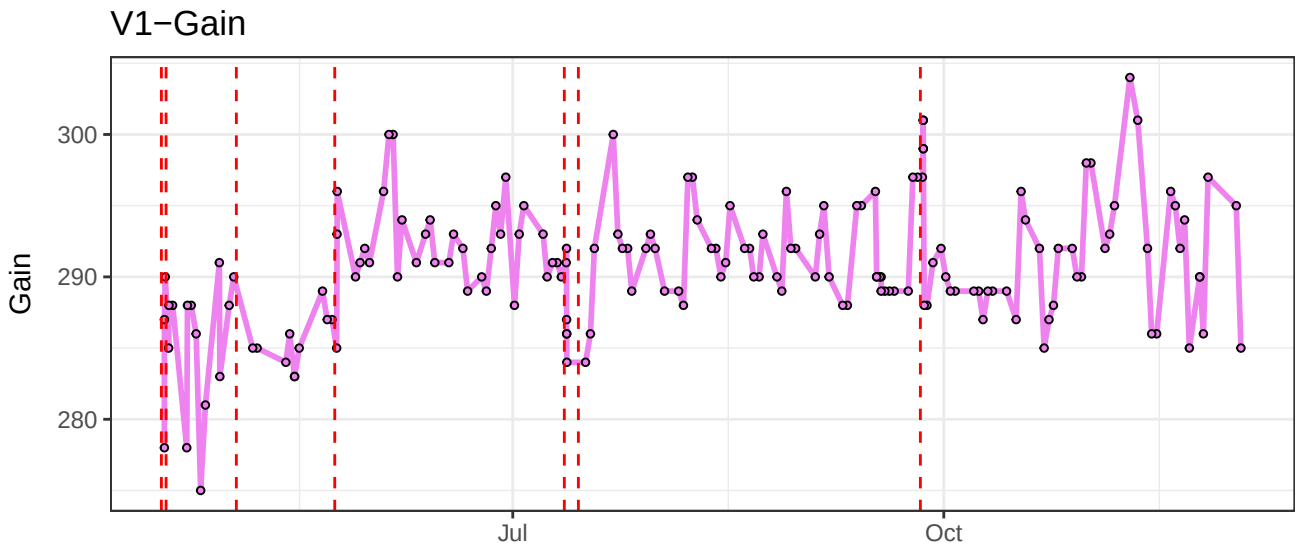

UV6−Gain
Gain
1200
1000
800
600
400
Jul
Oct
UV7−Gain
Gain
1000
900
800
700
600
500
Jul
Oct
UV8−Gain
Gain
700
600
500
Jul
Oct

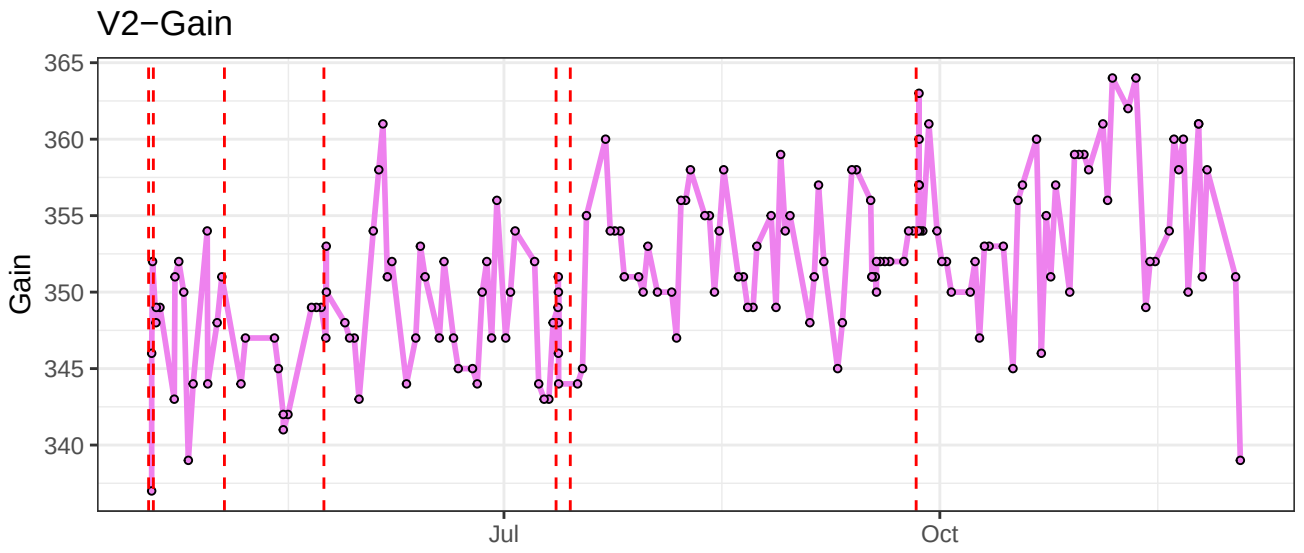

UV9−Gain
Gain
1300
1100
900
700
500
Jul
Oct
UV10−Gain
Gain
600
500
400
300
Jul
Oct
UV11−Gain
Gain
1200
1000
800
600
400
Jul
Oct

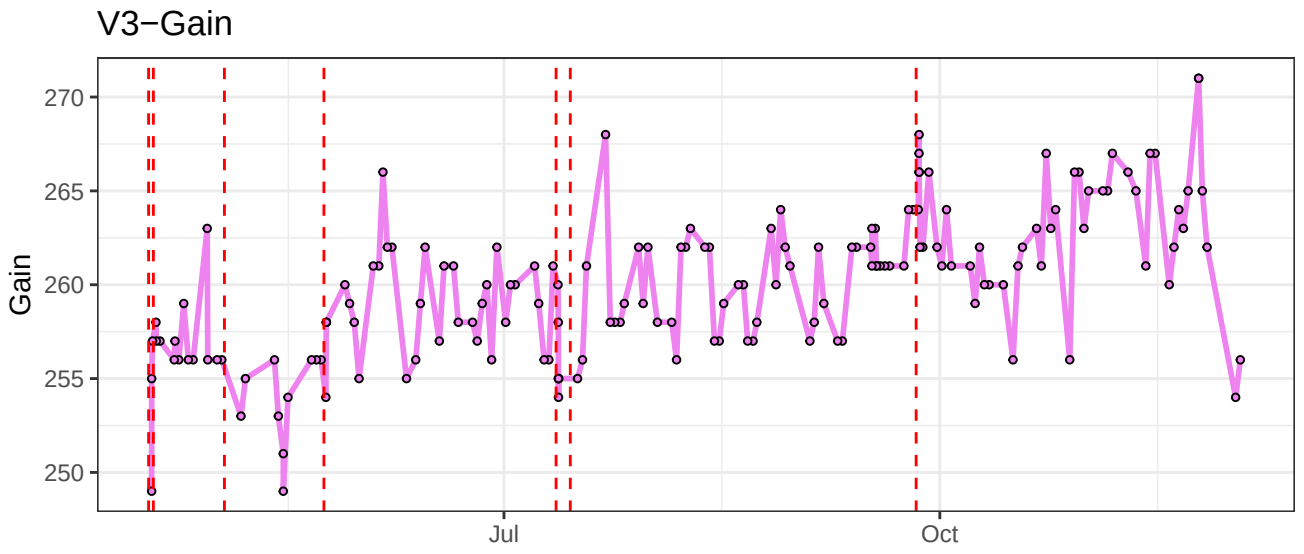

UV12−Gain
Gain
600
550
500
450
400
Jul
Oct
UV13−Gain
Gain
6000
4000
2000
Jul
Oct
UV14−Gain
Gain
10000
7500
5000
2500
Jul
Oct

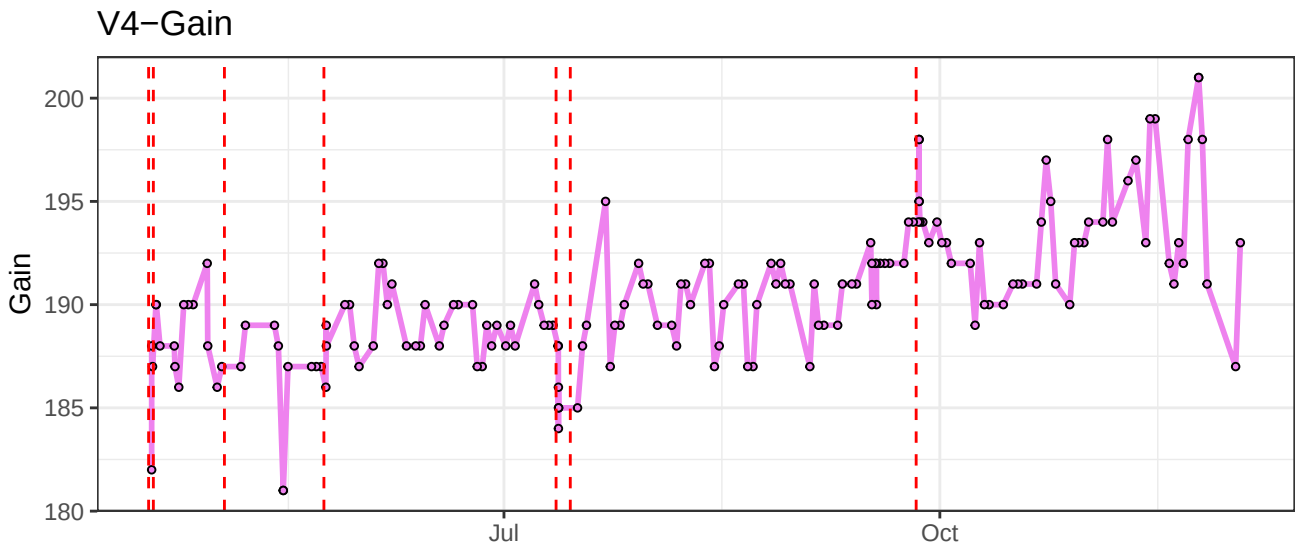

UV15−Gain
Gain
6000
4000
2000
Jul
Oct

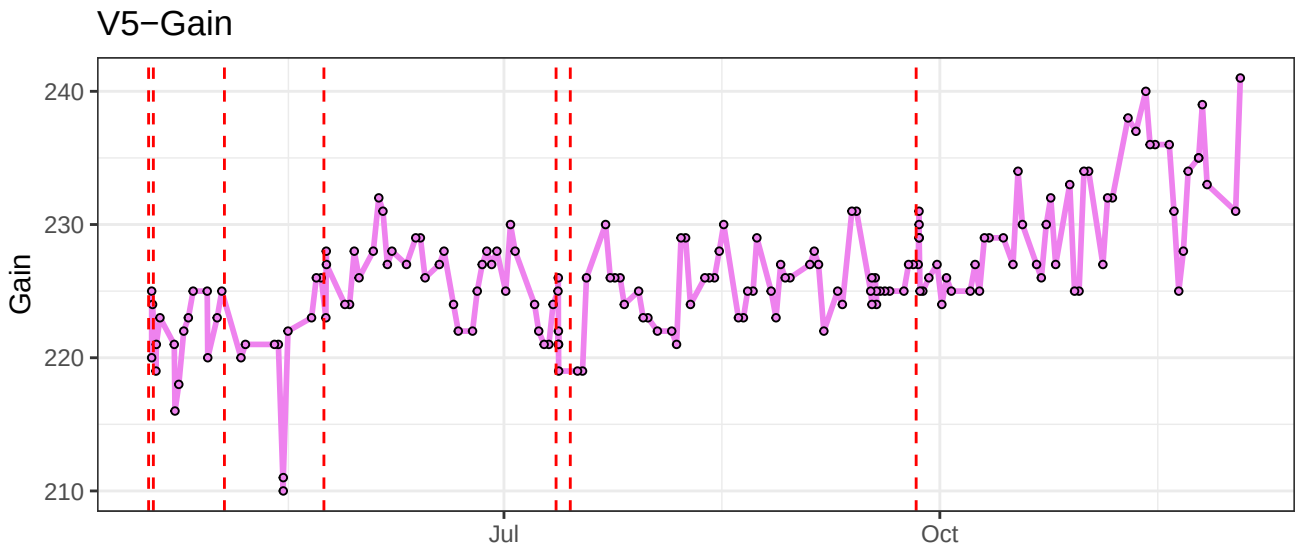

UV16−Gain
Gain
7500
5000
2500
Jul
Oct

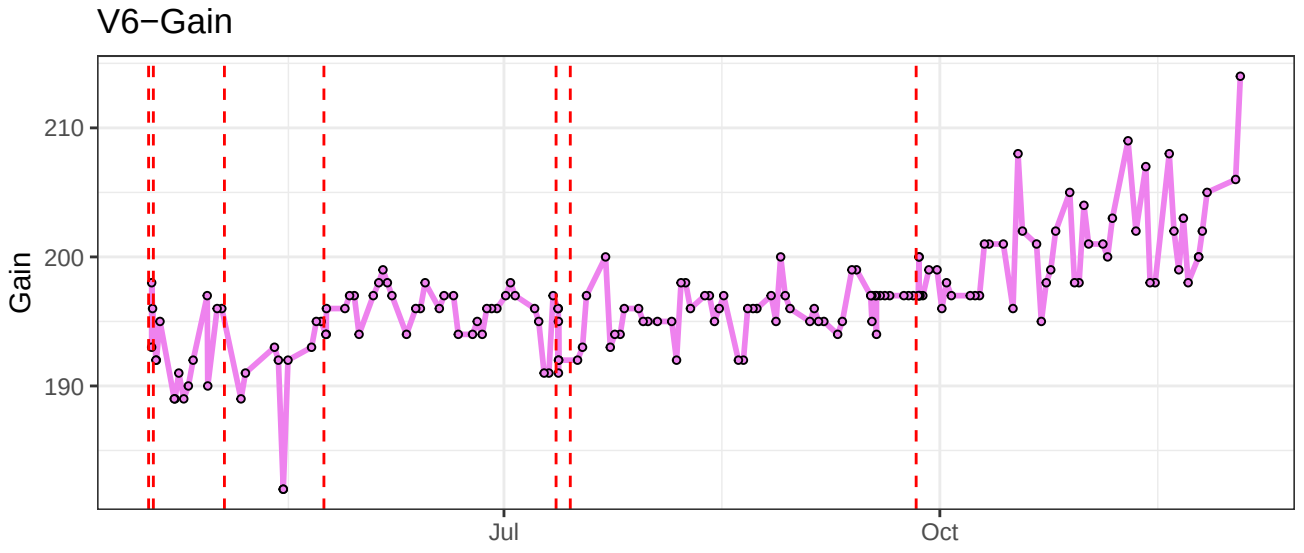

V1−Gain
Gain
300
290
280
Jul
Oct

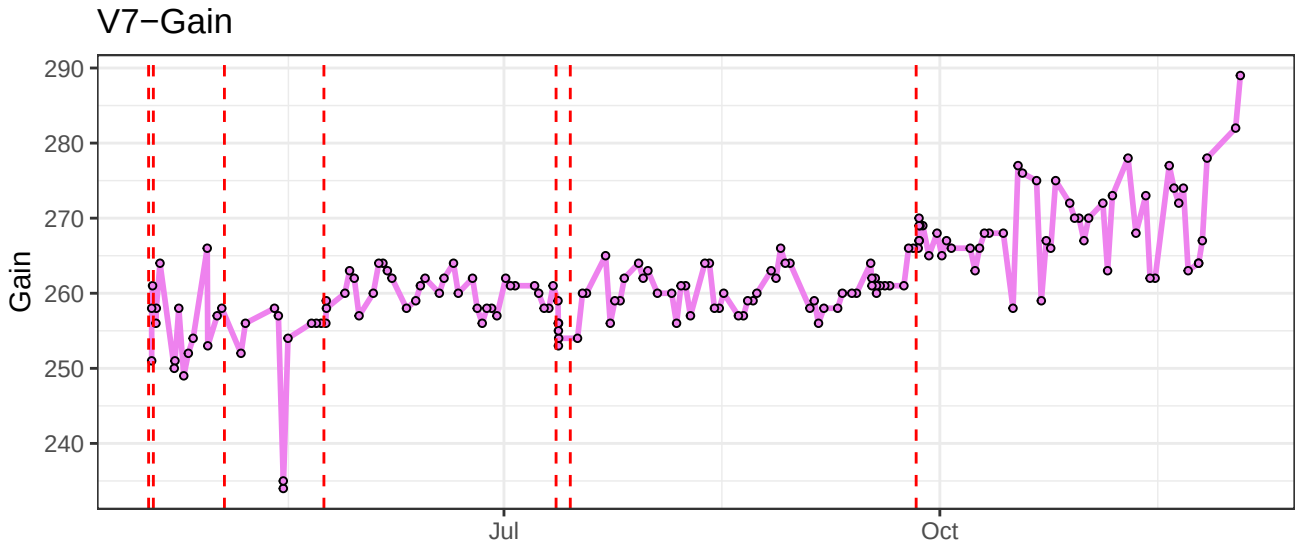

V2−Gain
Gain
365
360
355
350
345
340
Jul
Oct

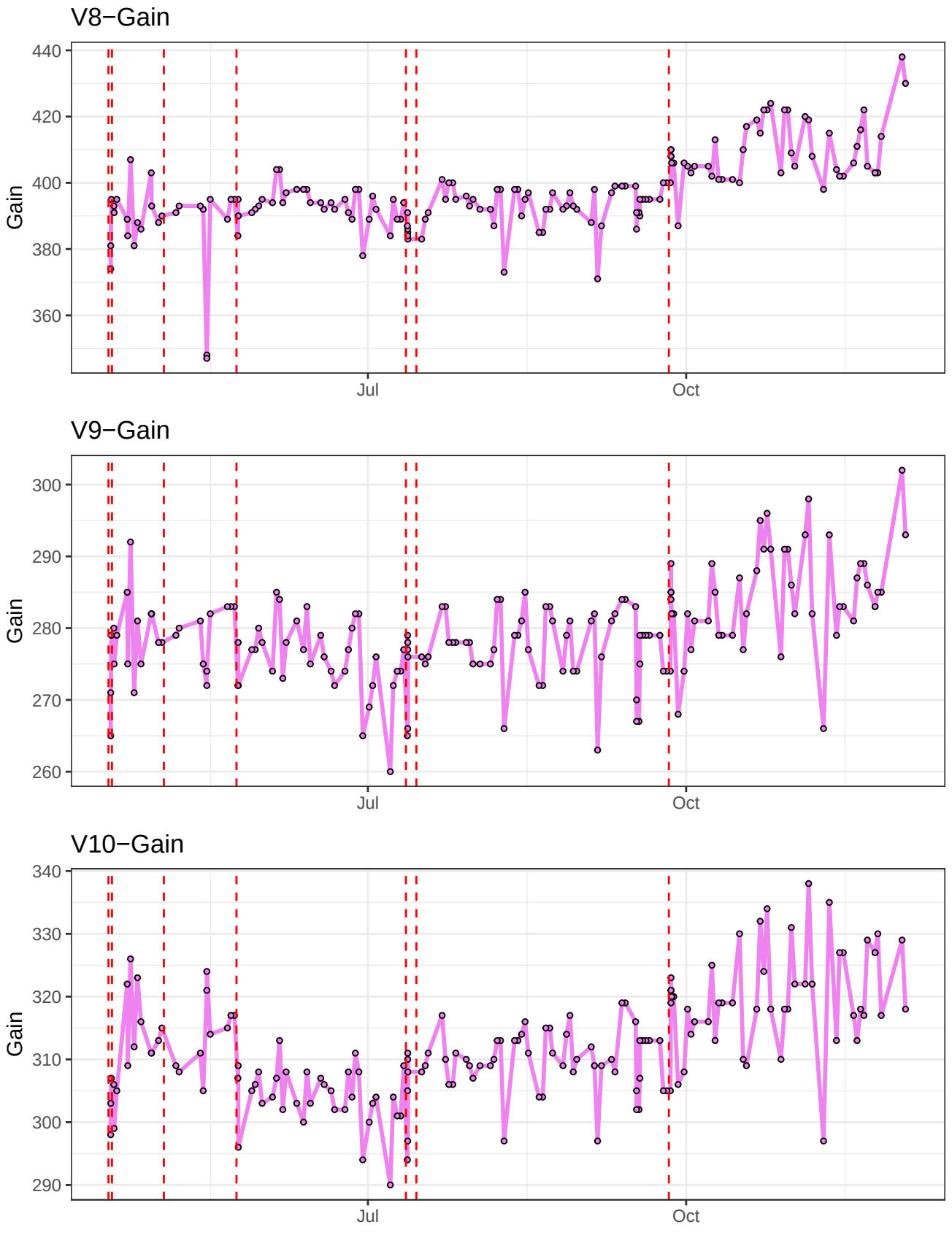

V3−Gain
Gain
270
265
260
255
250
Jul
Oct


V4−Gain
Gain
200
195
190
185
180
Jul
Oct


V5−Gain
Gain
240
230
220
210
Jul
Oct


V6−Gain
Gain
210
200
190
Jul
Oct


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


V8−Gain
Gain
440
420
400
380
360
Jul
Oct
V9−Gain
Gain
300
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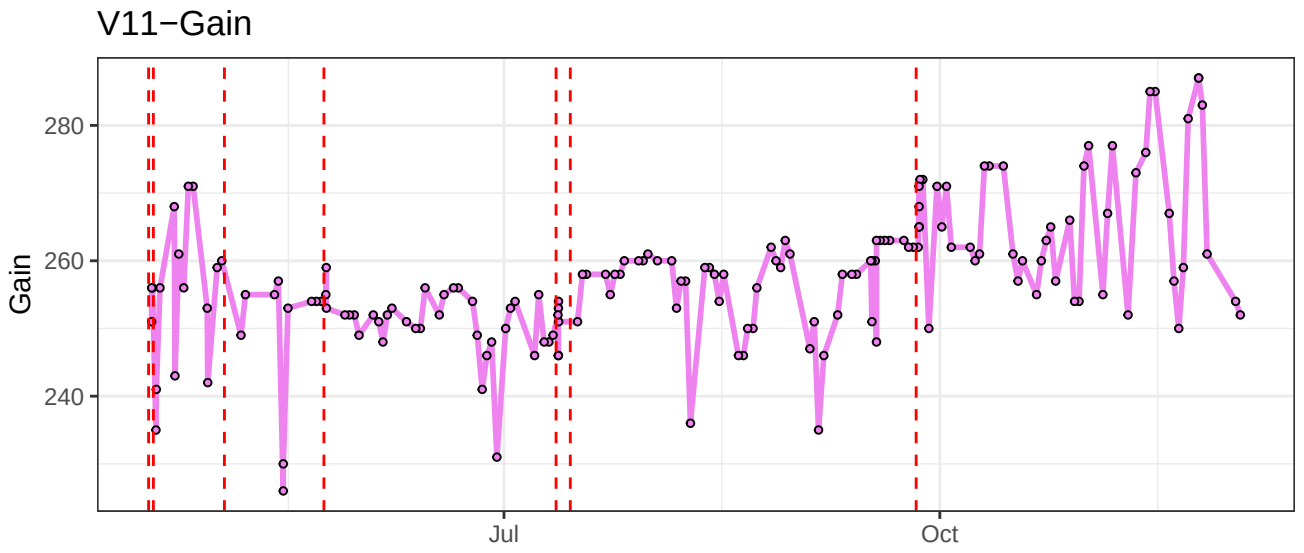
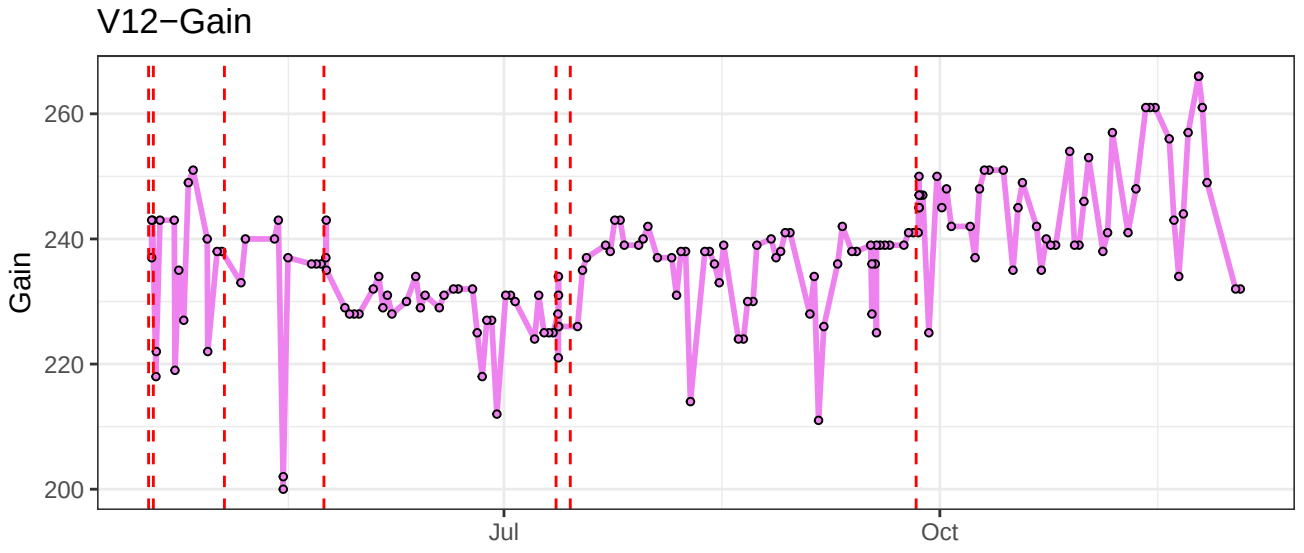
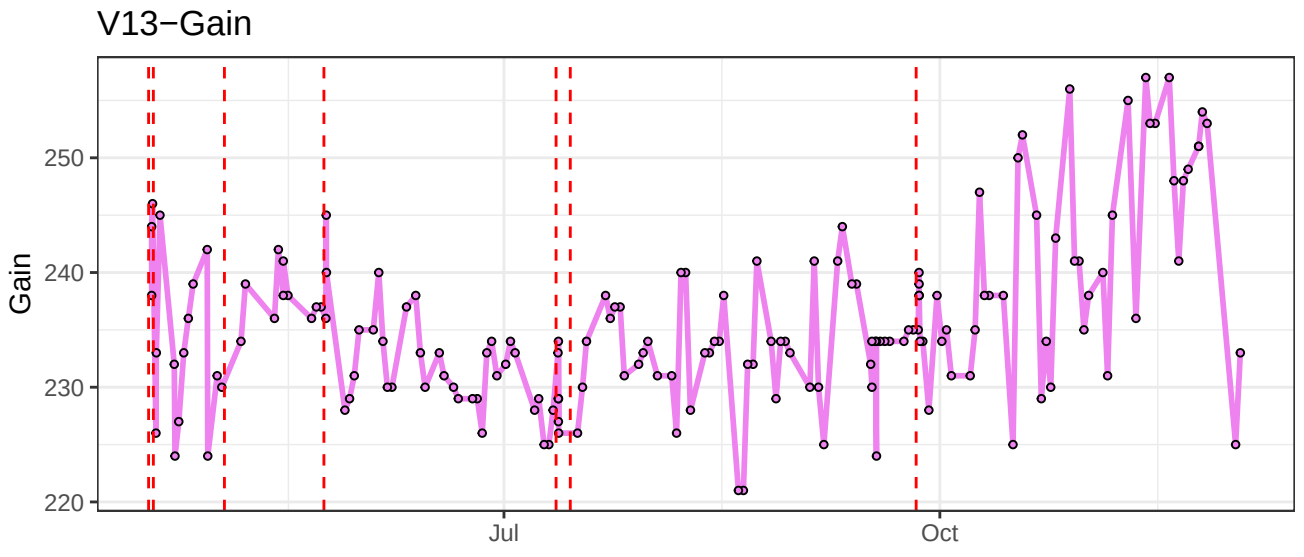
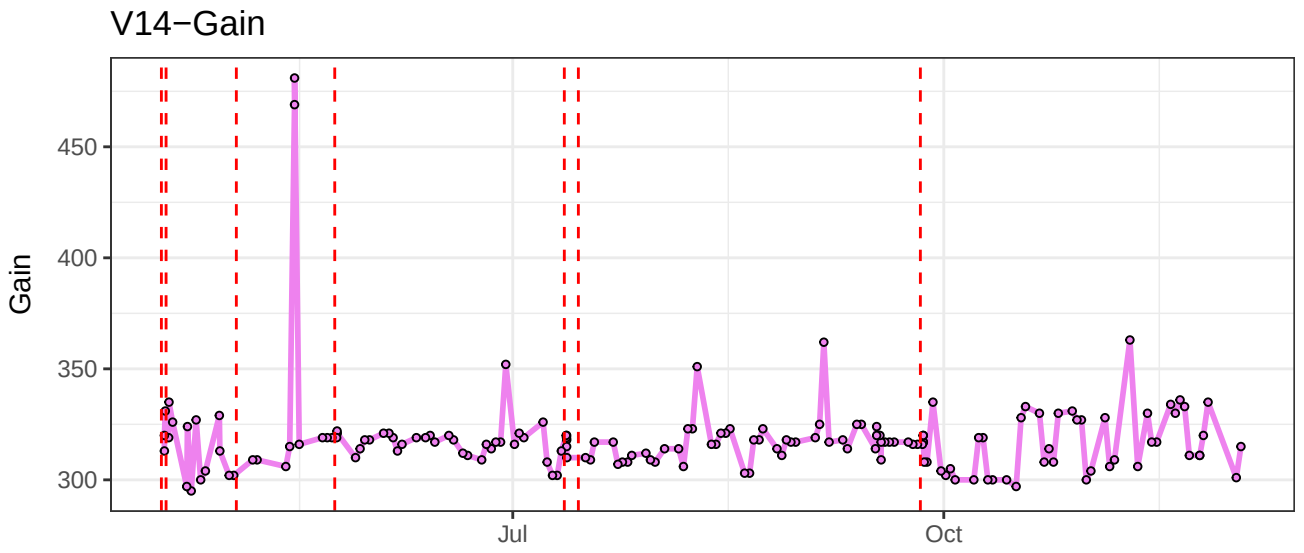
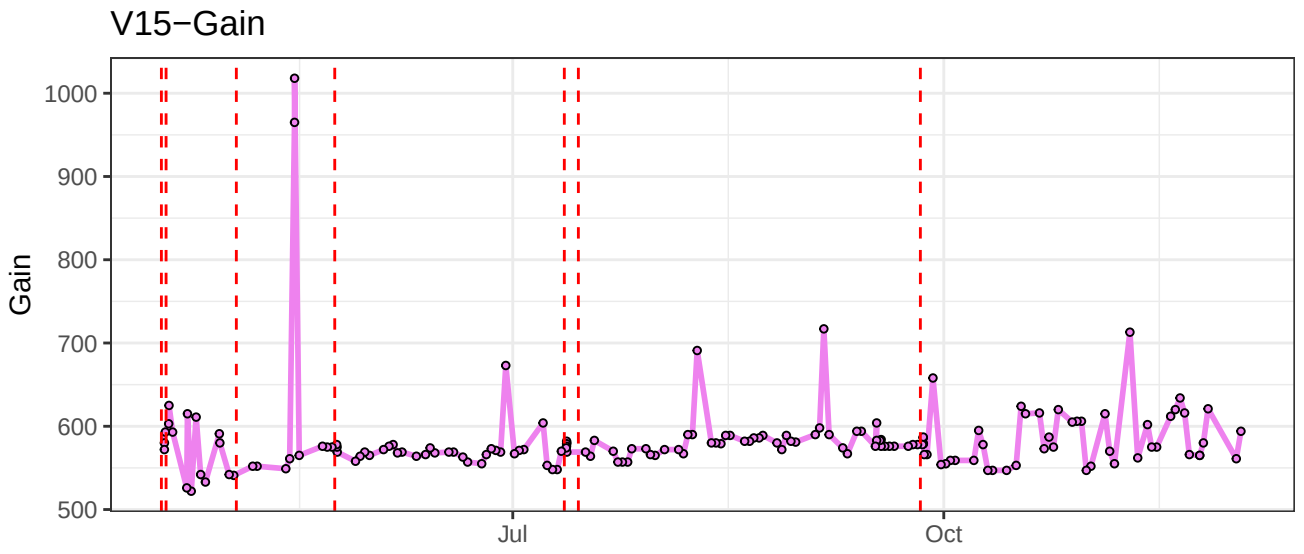
280
270
260
Jul
Oct
V10−Gain
Gain
340
330
320
310
300
290
Jul
Oct

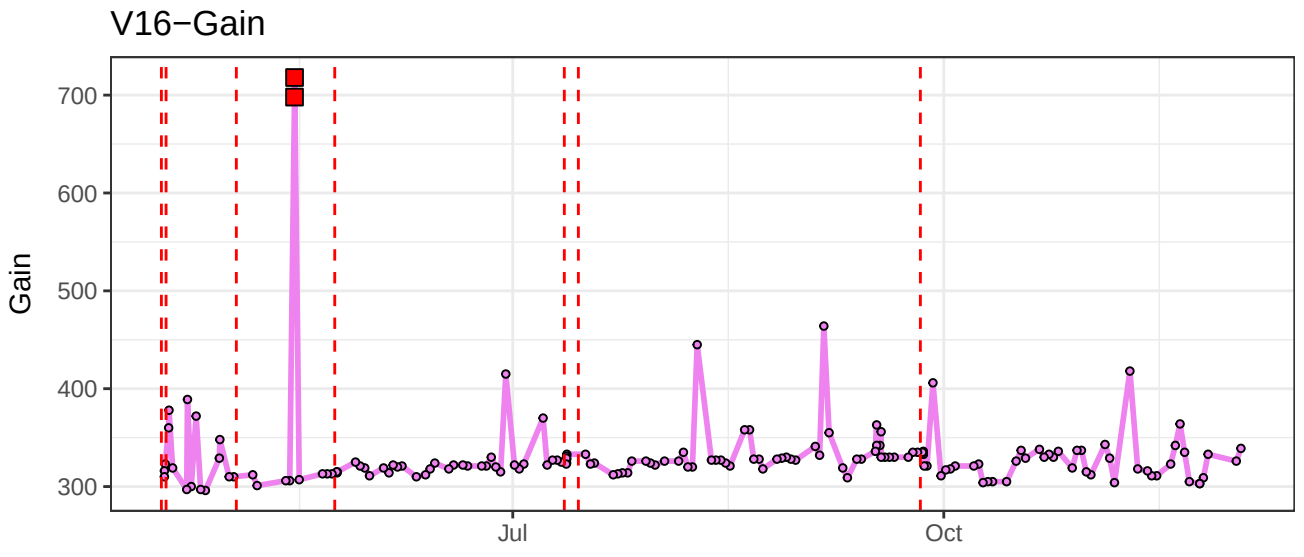

V11−Gain
Gain
280
260
240
Jul
Oct

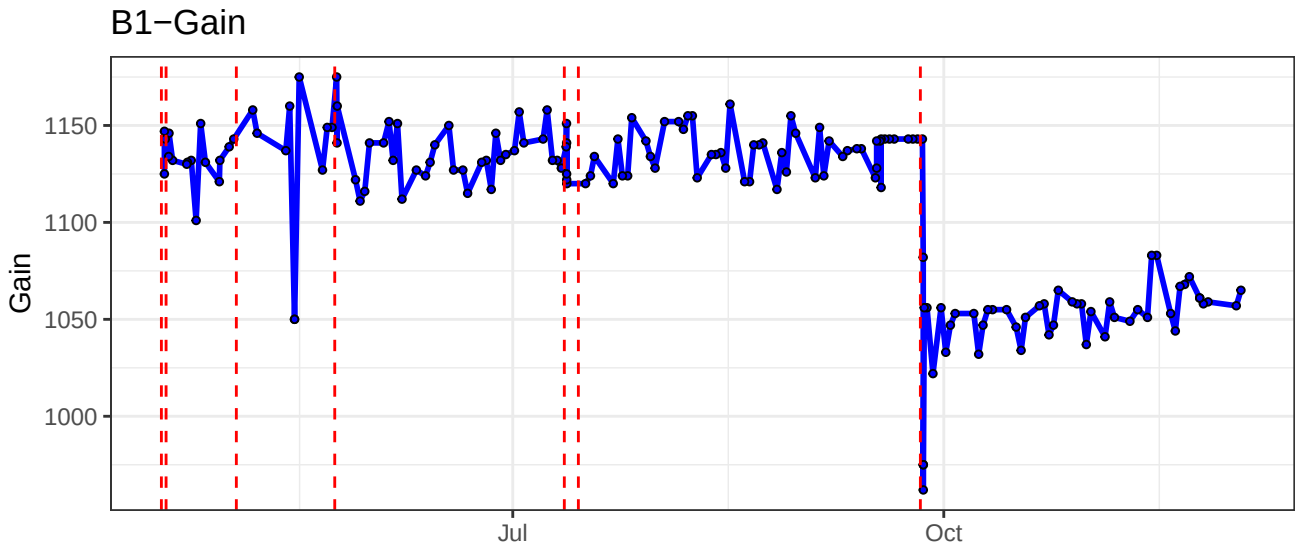

V12−Gain
Gain
260
240
220
200
Jul
Oct

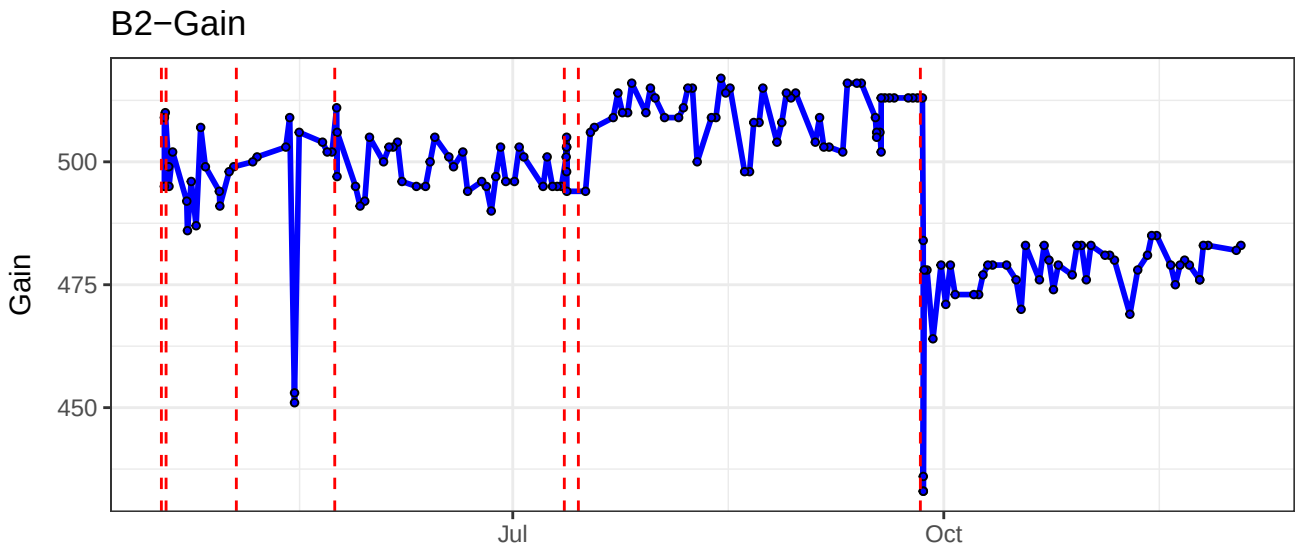

V13−Gain
Gain
250
240
230
220
Jul
Oct

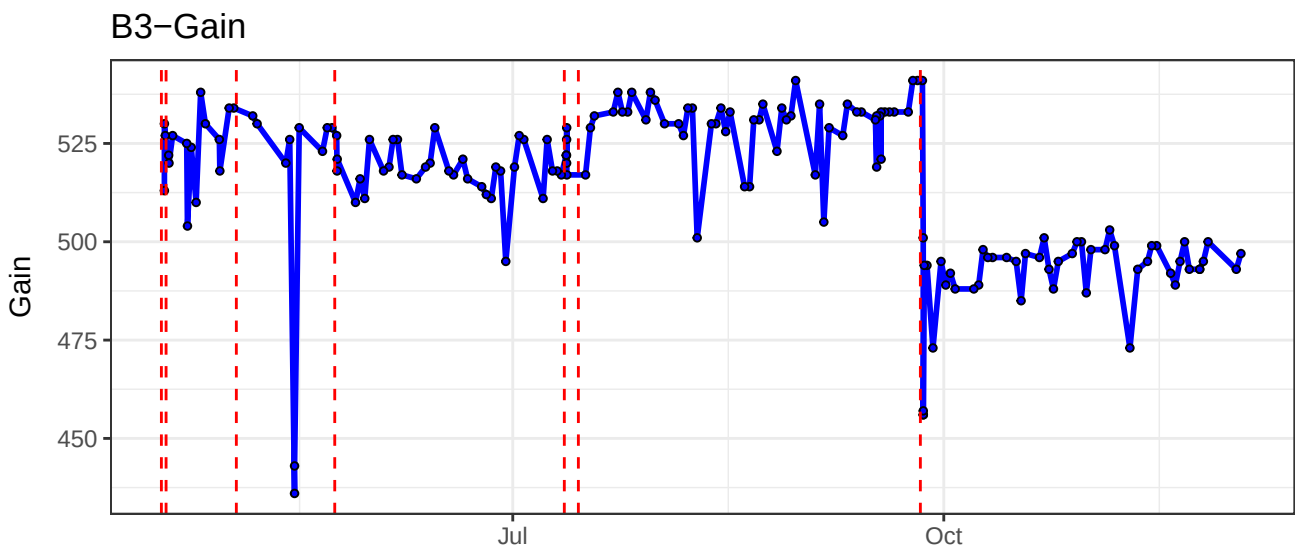

V14−Gain
Gain
450
400
350
300
Jul
Oct

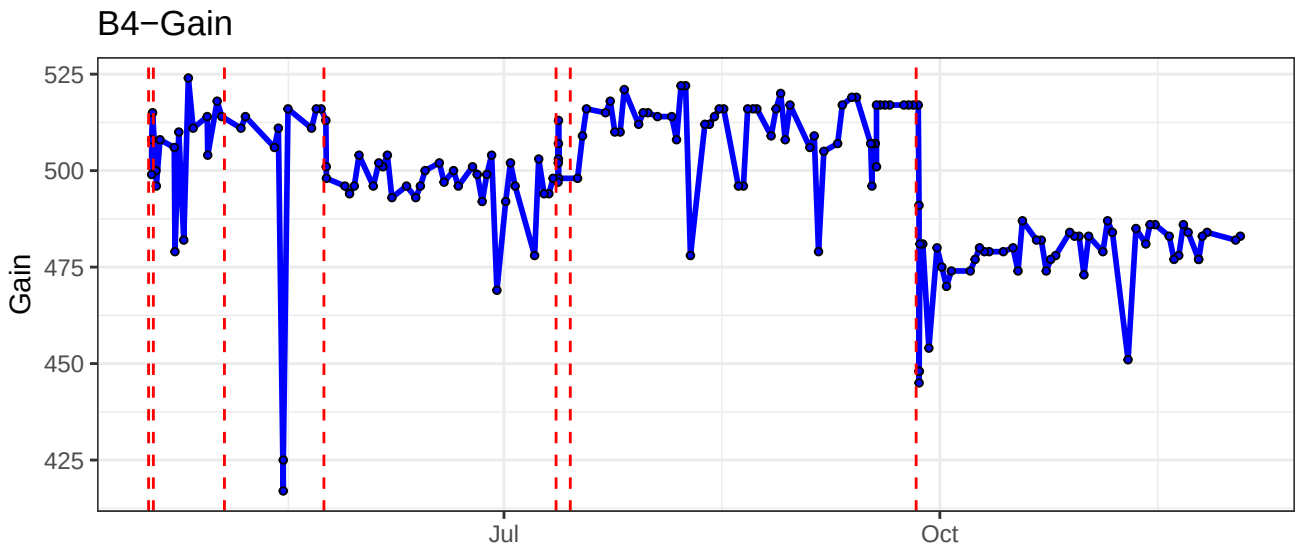

V15−Gain
Gain
1000
900
800
700
600
500
Jul
Oct

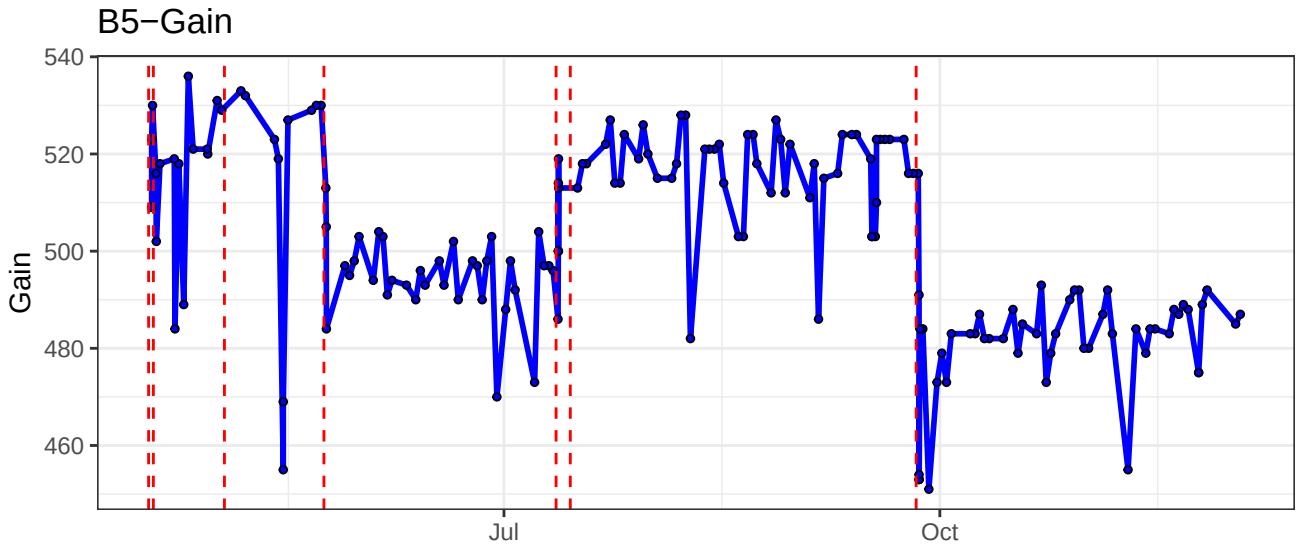

V16−Gain
Gain
700
600
500
400
300
Jul
Oct

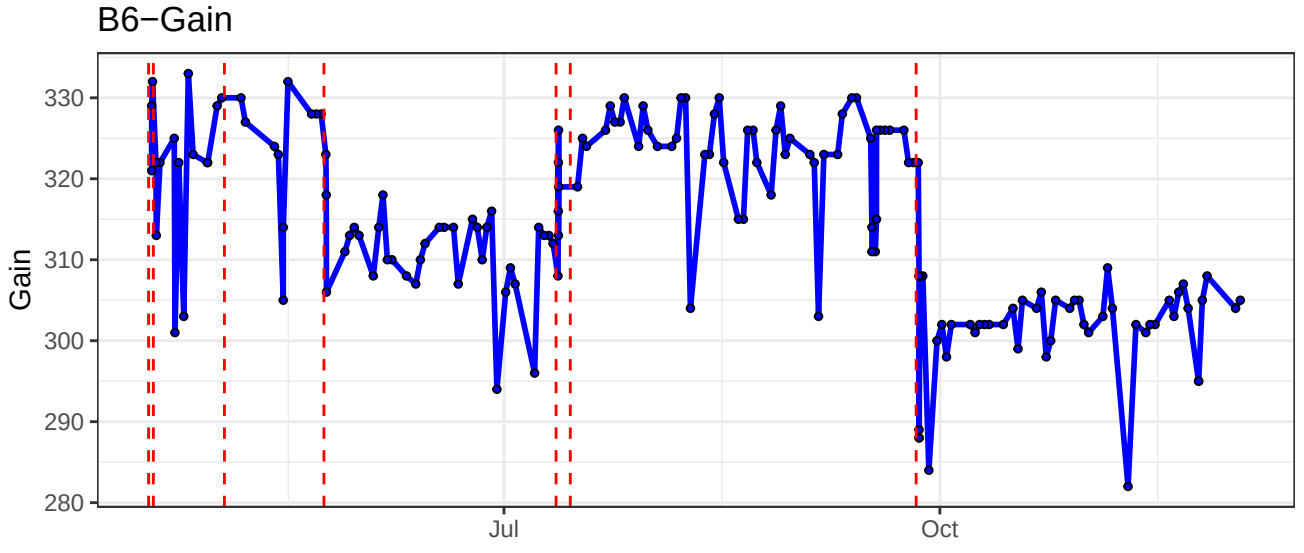

B1−Gain
Gain
1150
1100
1050
1000
Jul
Oct

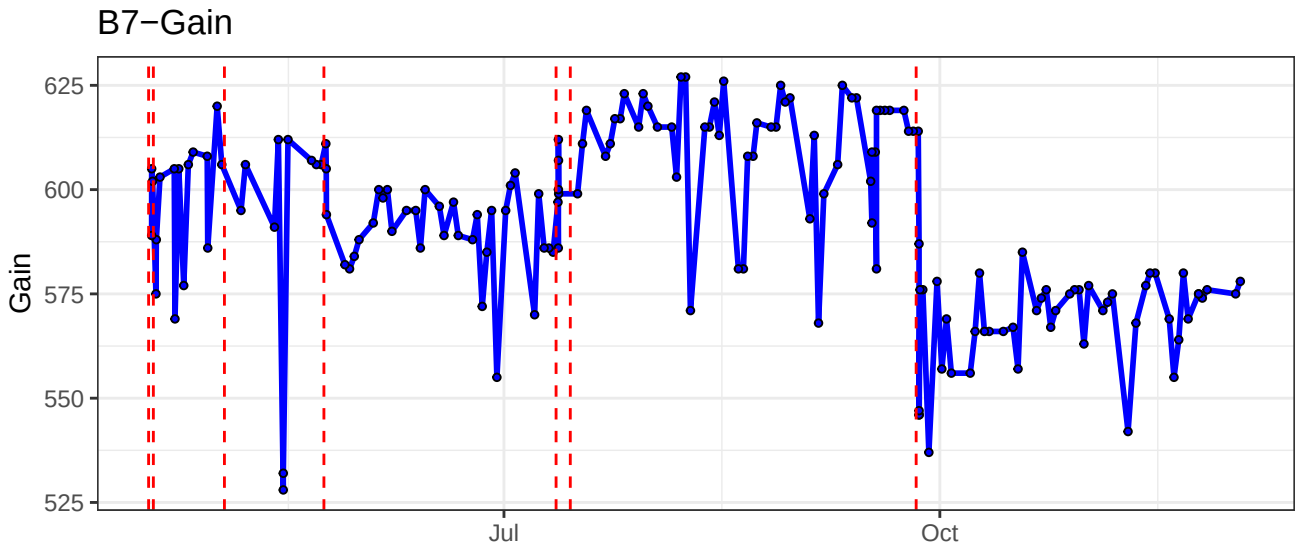

B2−Gain
Gain
500
475
450
Jul
Oct

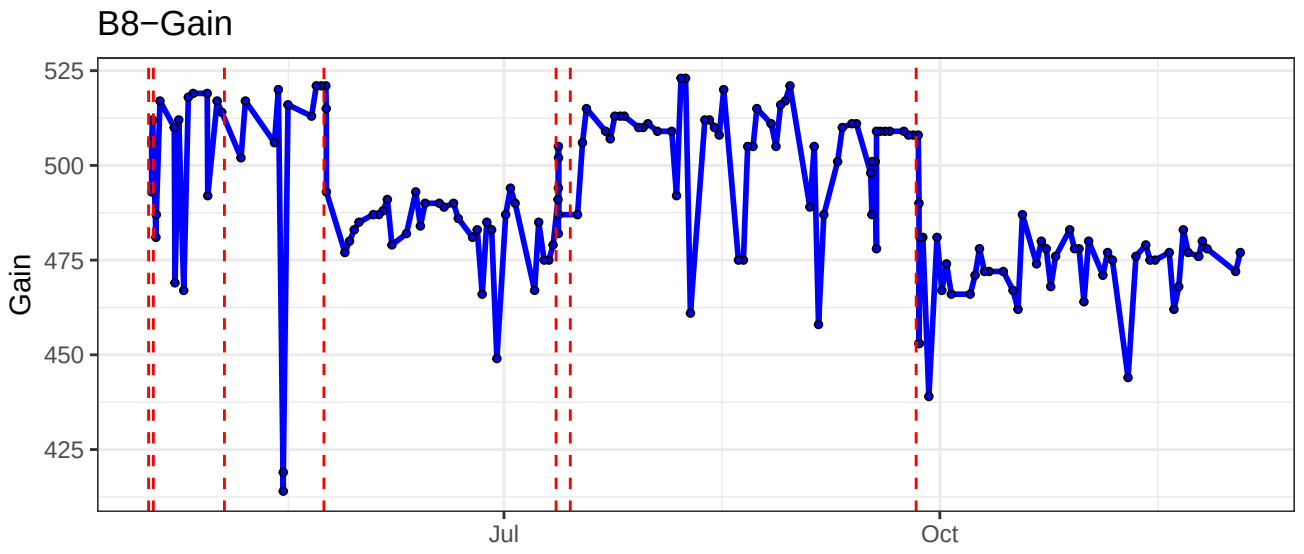

B3−Gain
Gain
525
500
475
450
Jul
Oct

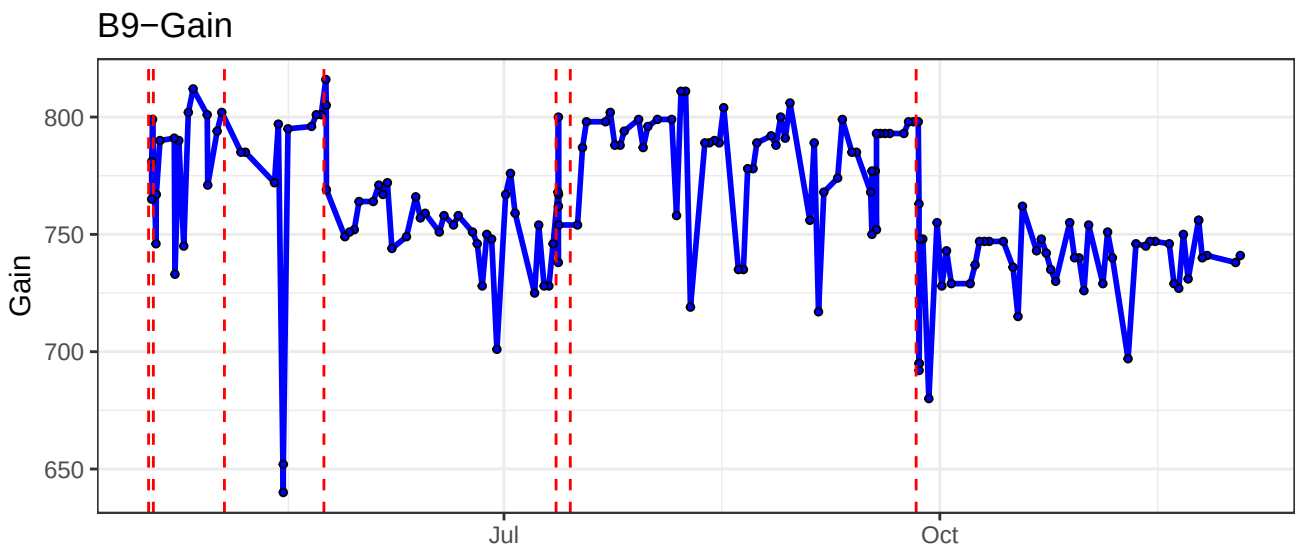

B4−Gain
Gain
525
500
475
450
425
Jul
Oct

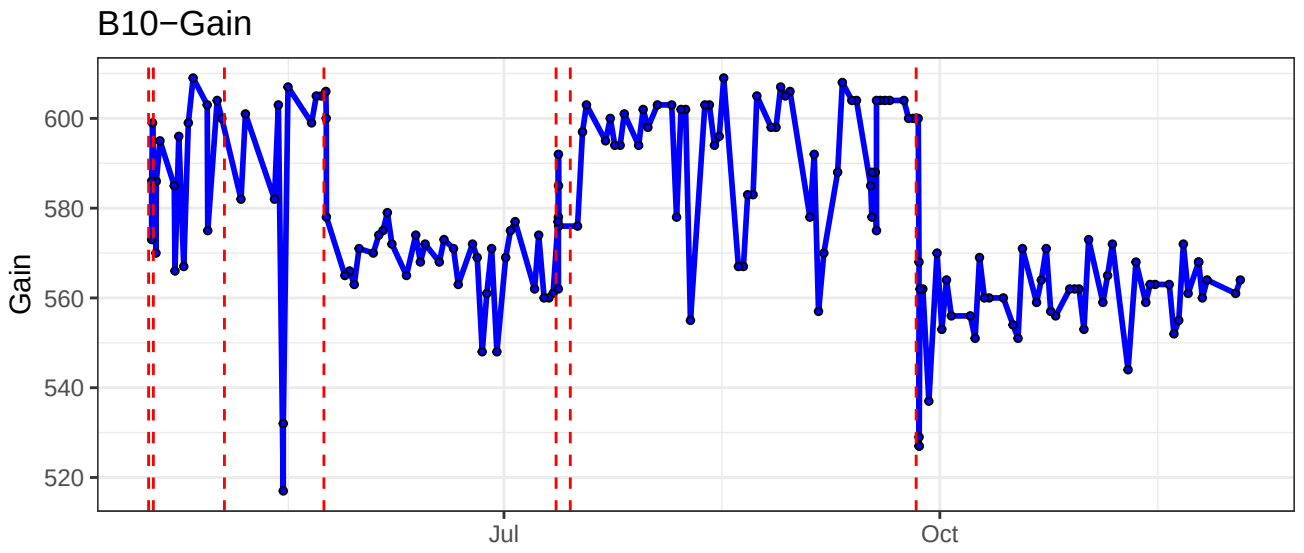

B5−Gain
Gain
540
520
500
480
460
Jul
Oct

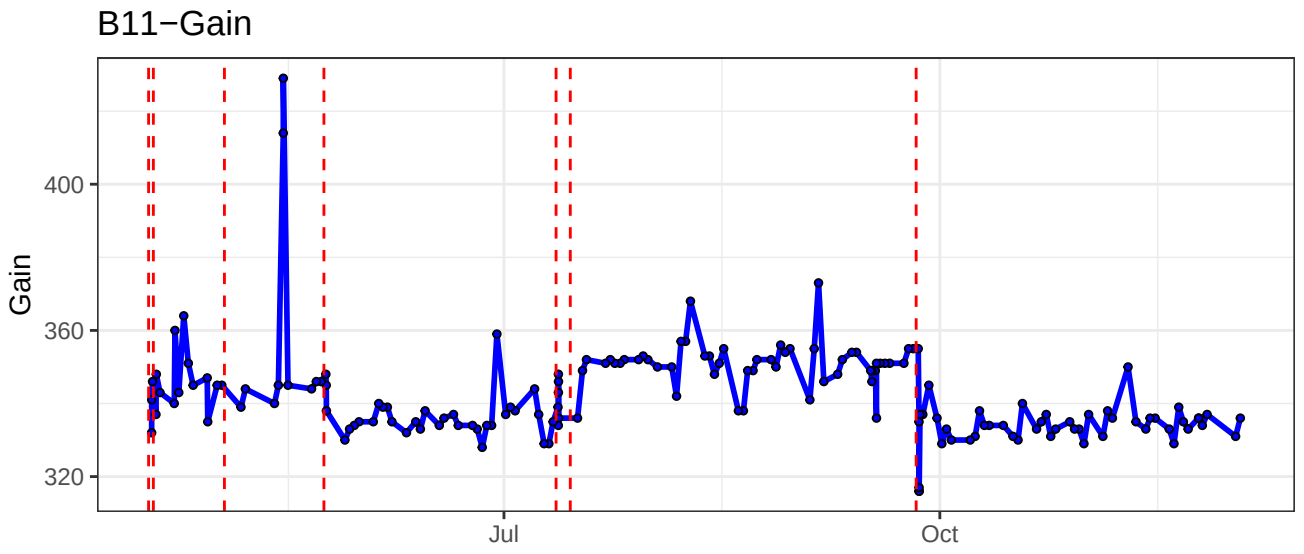

B6−Gain
Gain
330
320
310
300
290
280
Jul
Oct

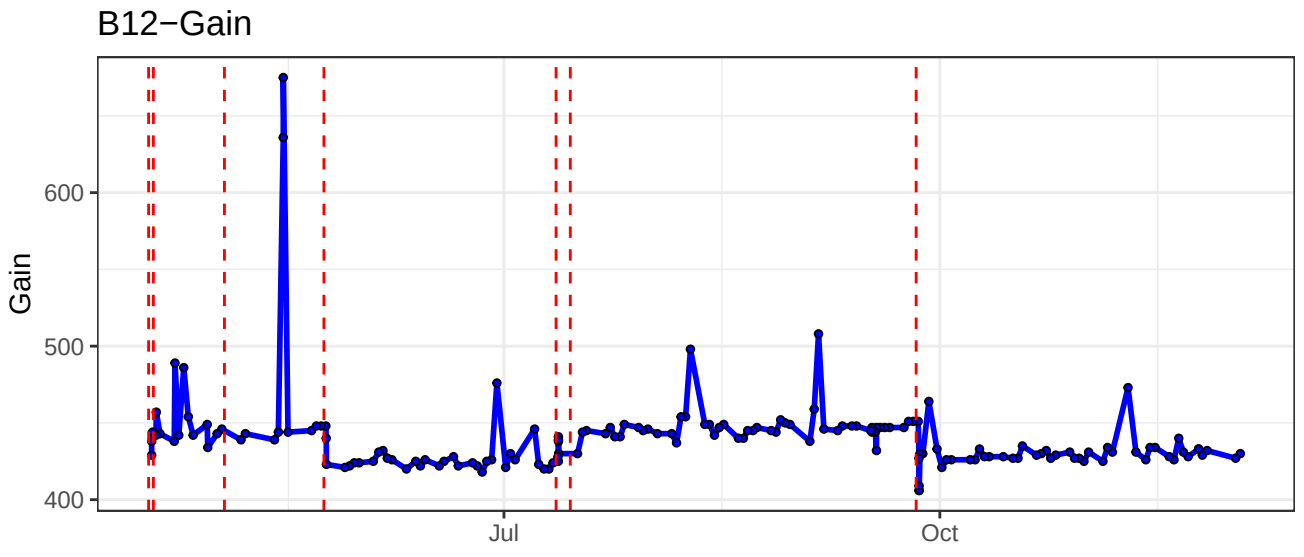

B7−Gain
Gain
625
600
575
550
525
Jul
Oct

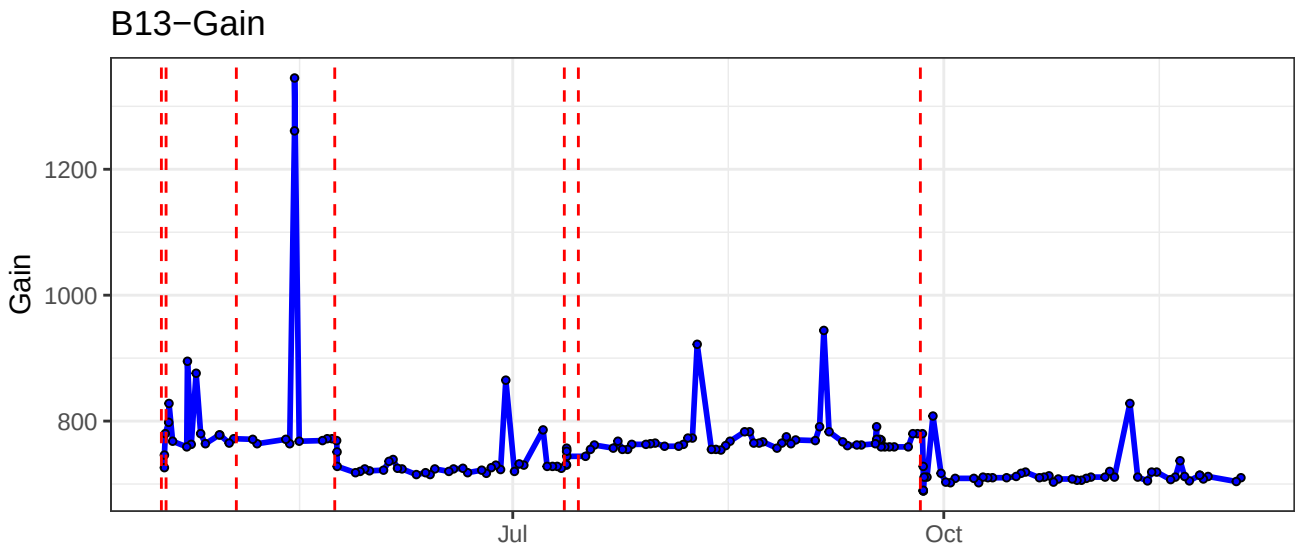

B8−Gain
Gain
525
500
475
450
425
Jul
Oct

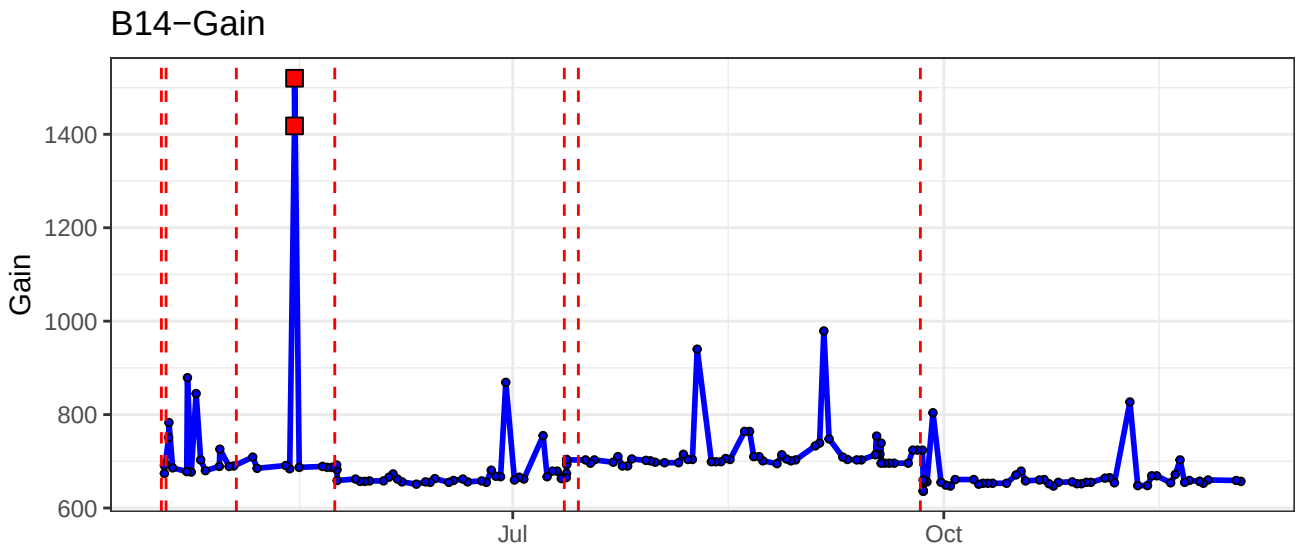

B9−Gain
Gain
800
750
700
650
Jul
Oct

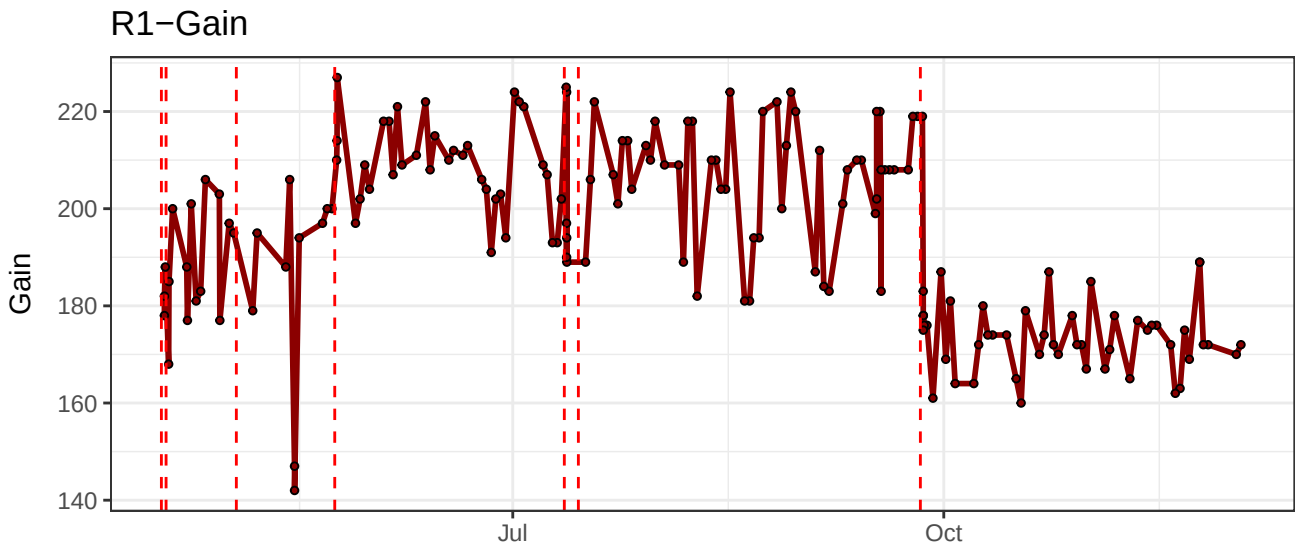

B10−Gain
Gain
600
580
560
540
520
Jul
Oct

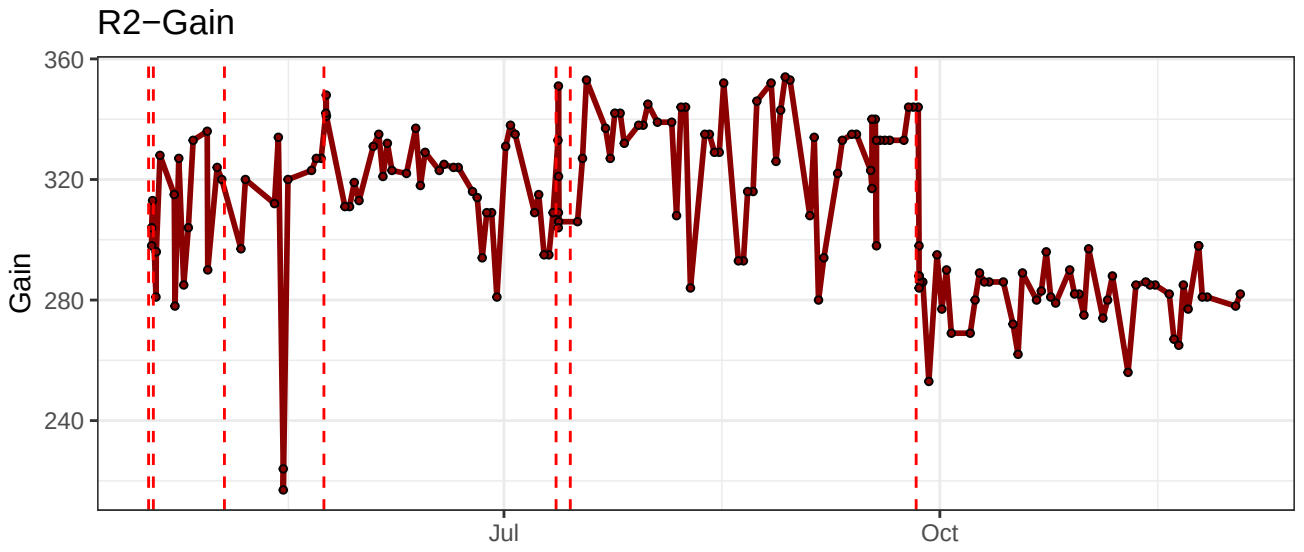

B11−Gain
Gain
400
360
320
Jul
Oct

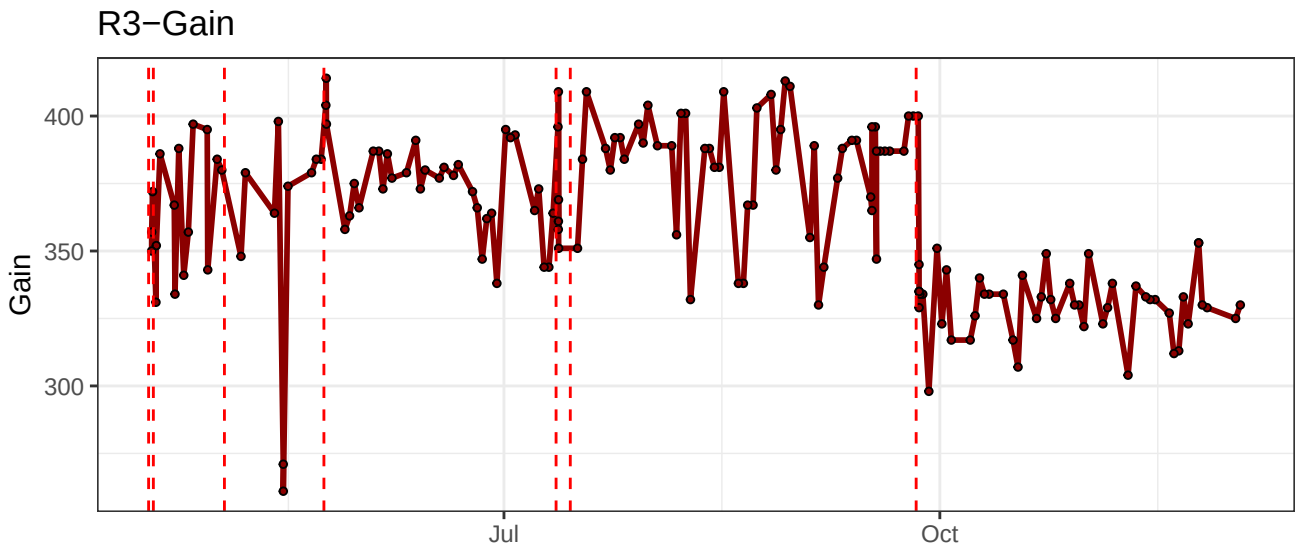

B12−Gain
Gain
600
500
400
Jul
Oct

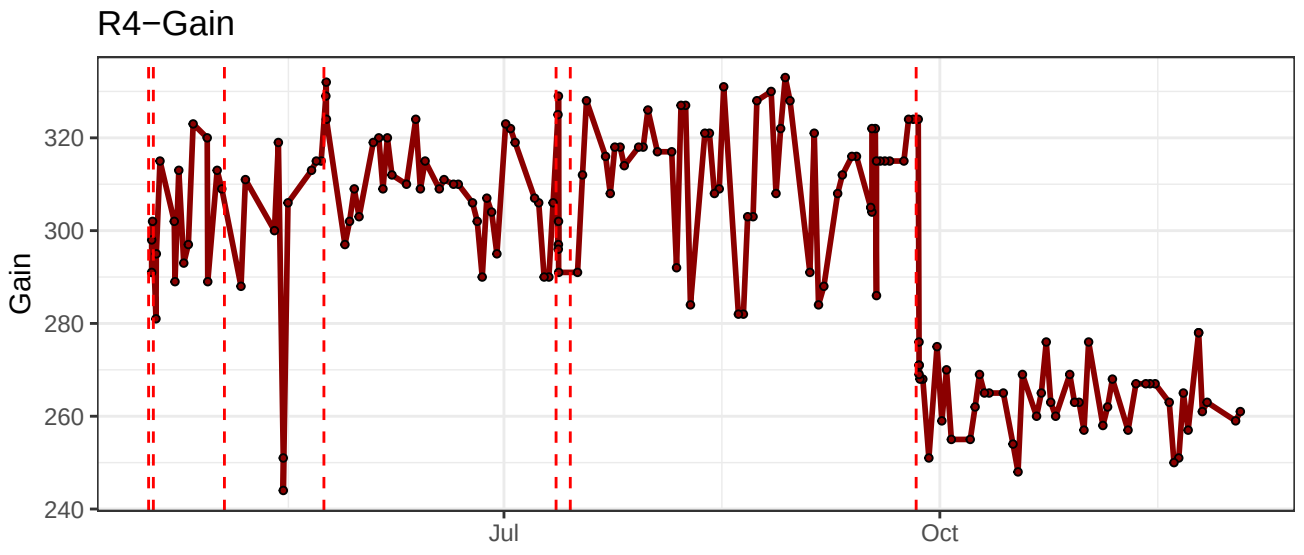

B13−Gain
Gain
1200
1000
800
Jul
Oct

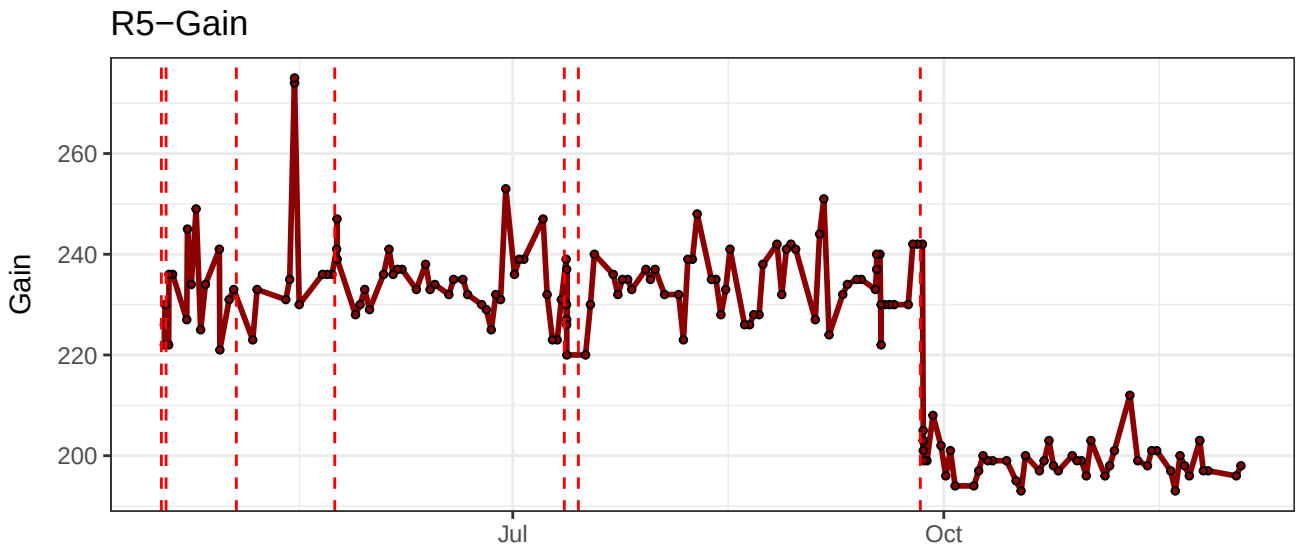

B14−Gain
Gain
1400
1200
1000
800
600
Jul
Oct

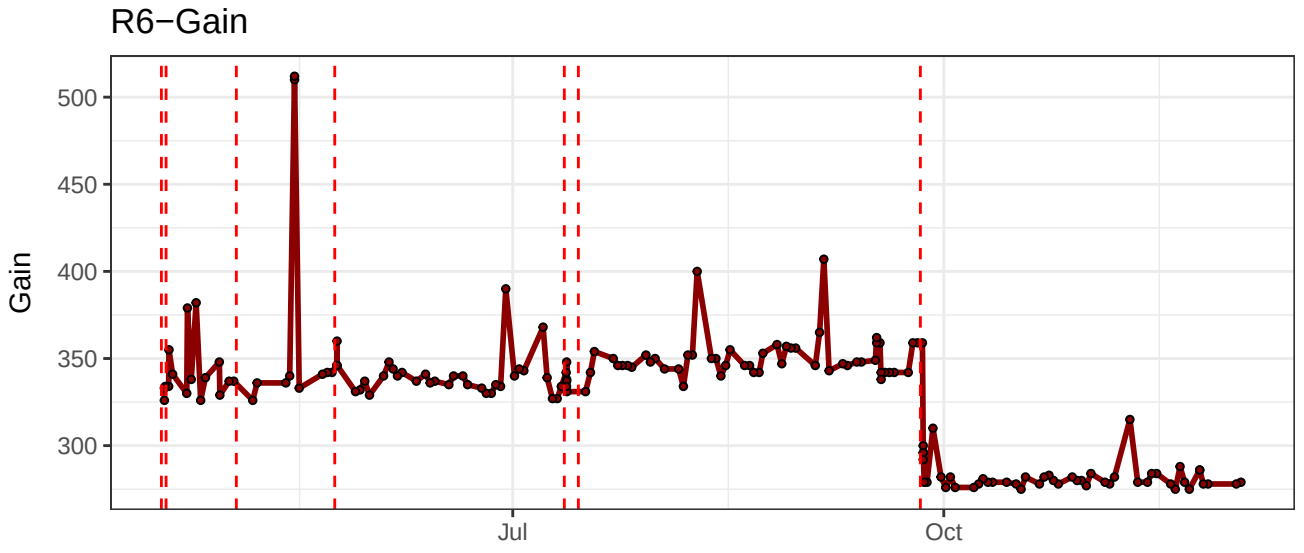

R1−Gain
Gain
220
200
180
160
140
Jul
Oct

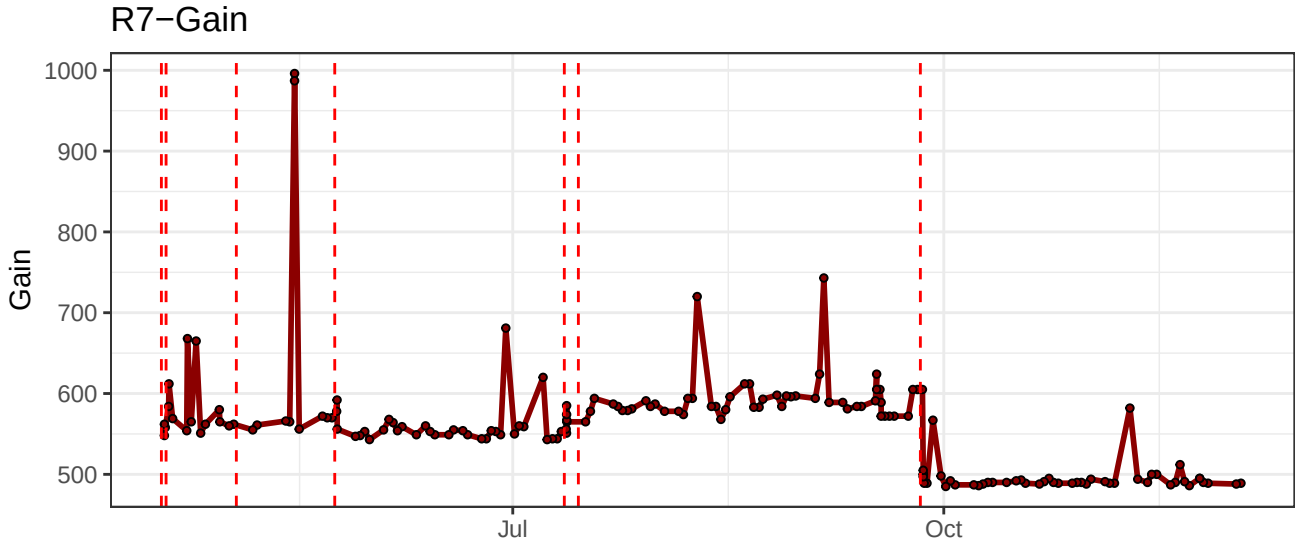

R2−Gain
Gain
360
320
280
240
Jul
Oct

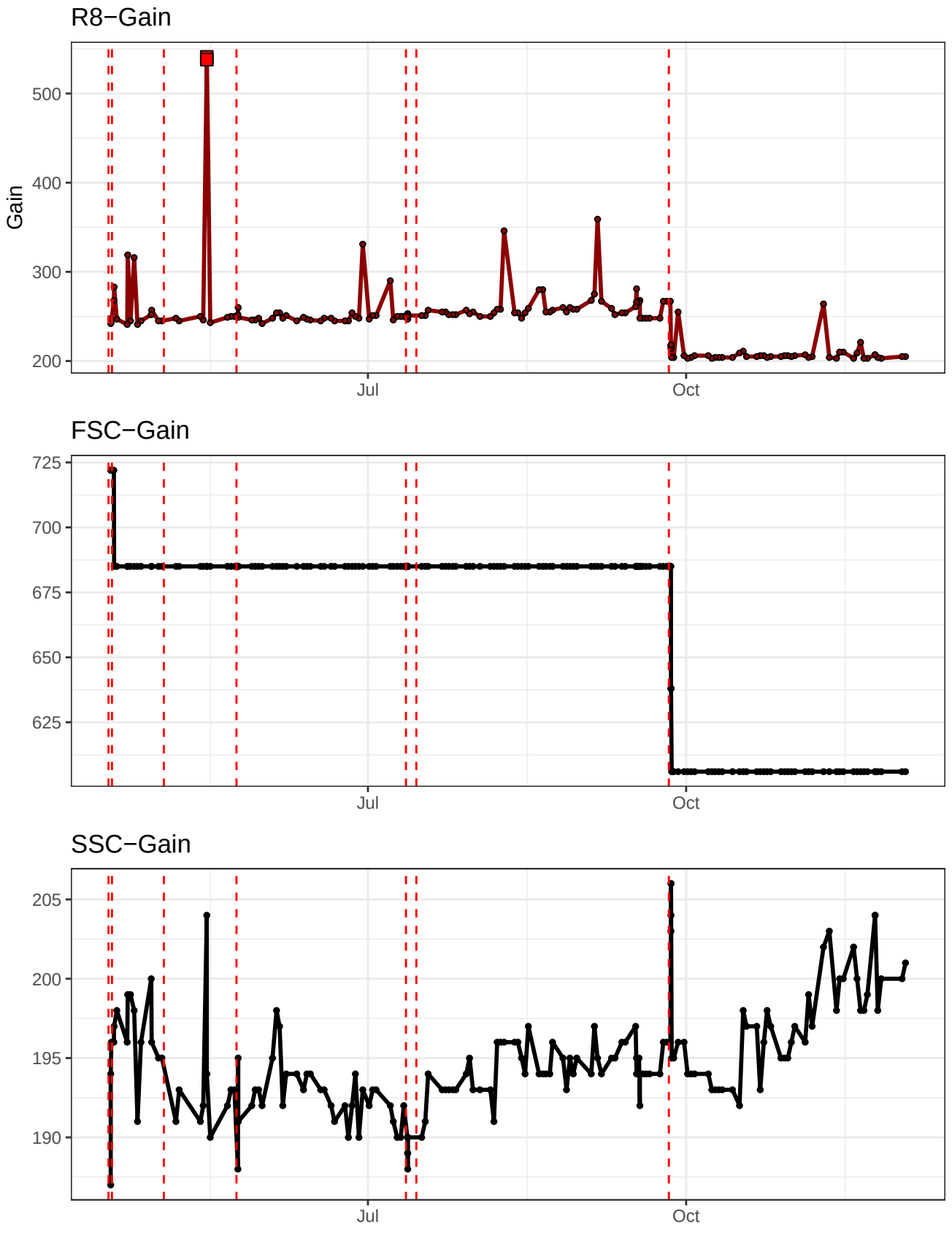

R3−Gain
Gain
400
350
300
Jul
Oct

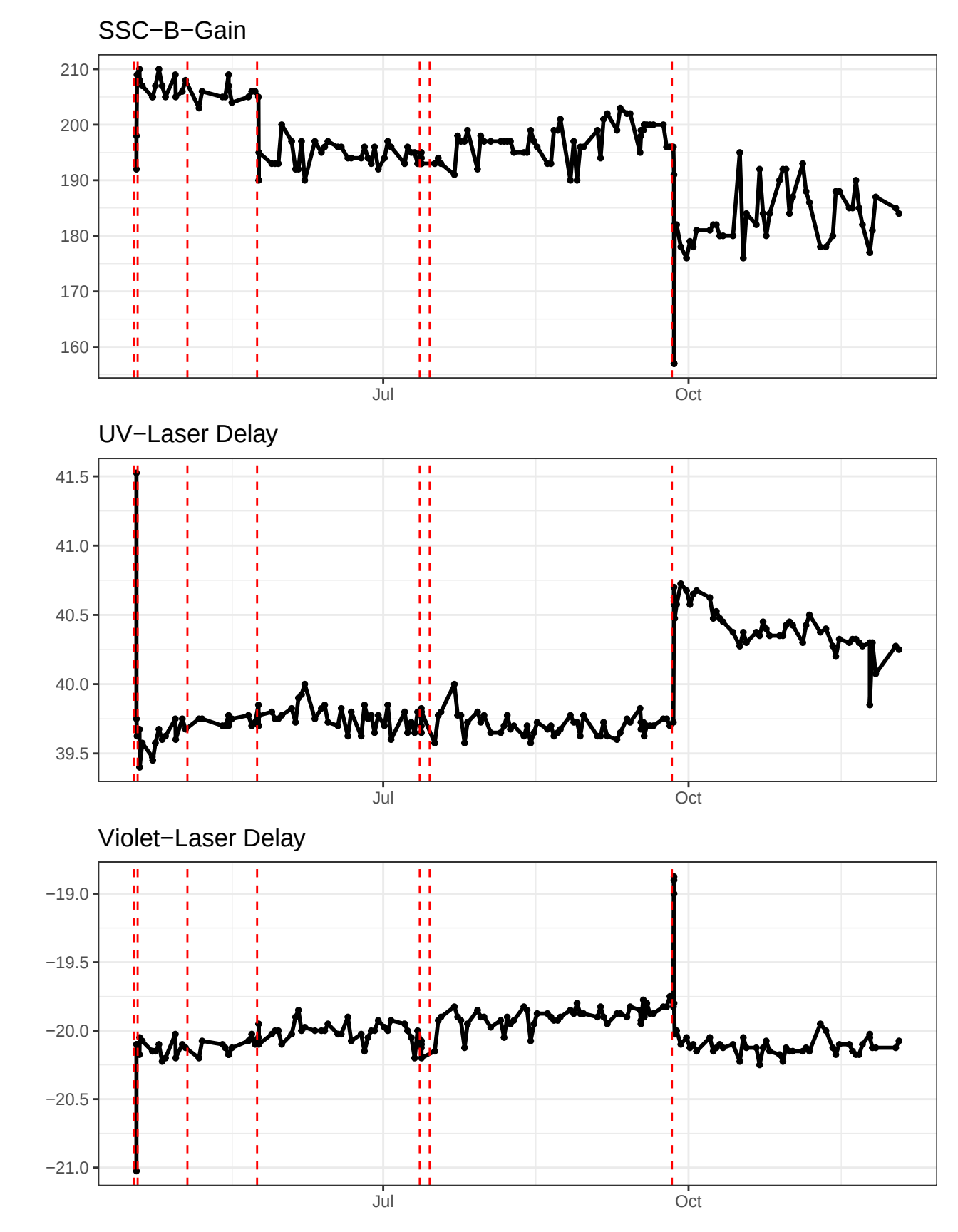

R4−Gain
Gain
320
300
280
260
240
Jul
Oct

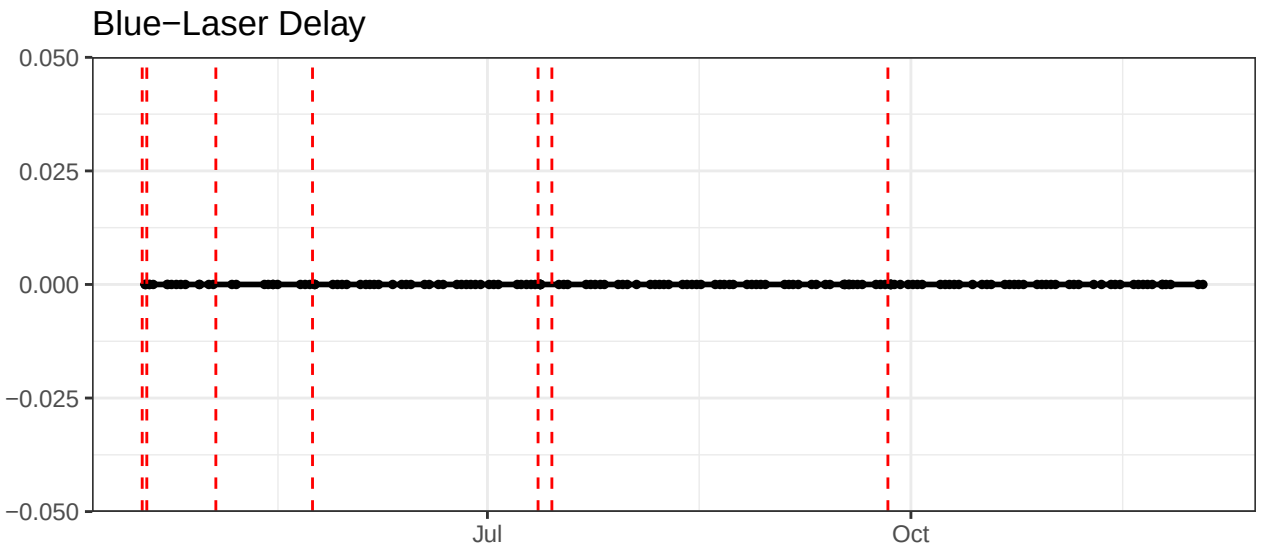

R5−Gain
Gain
260
240
220
200
Jul
Oct

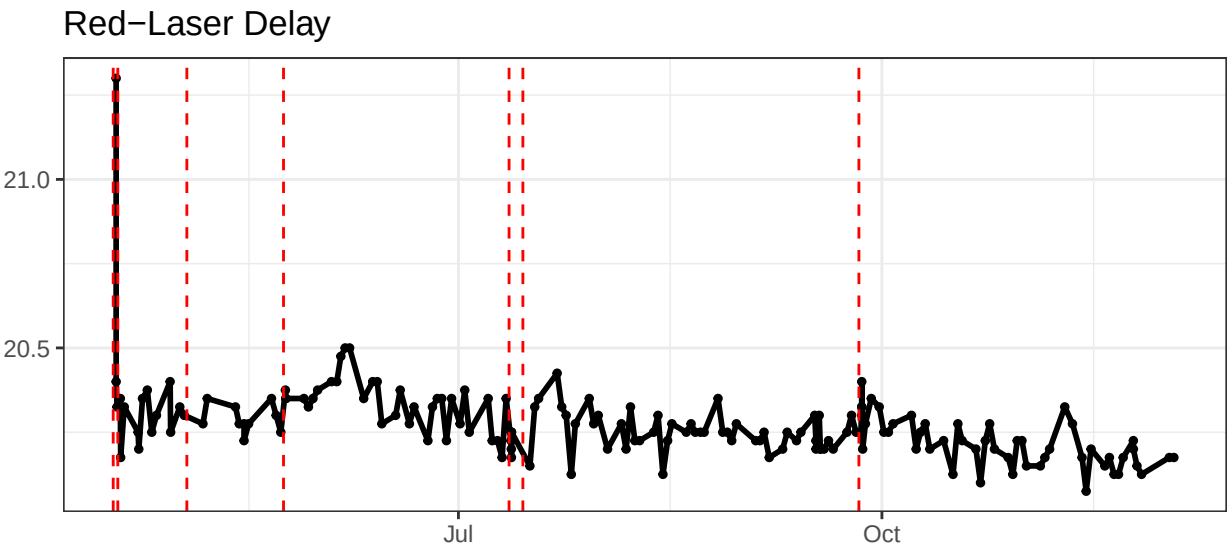

R6−Gain
Gain
500
450
400
350
300
Jul
Oct

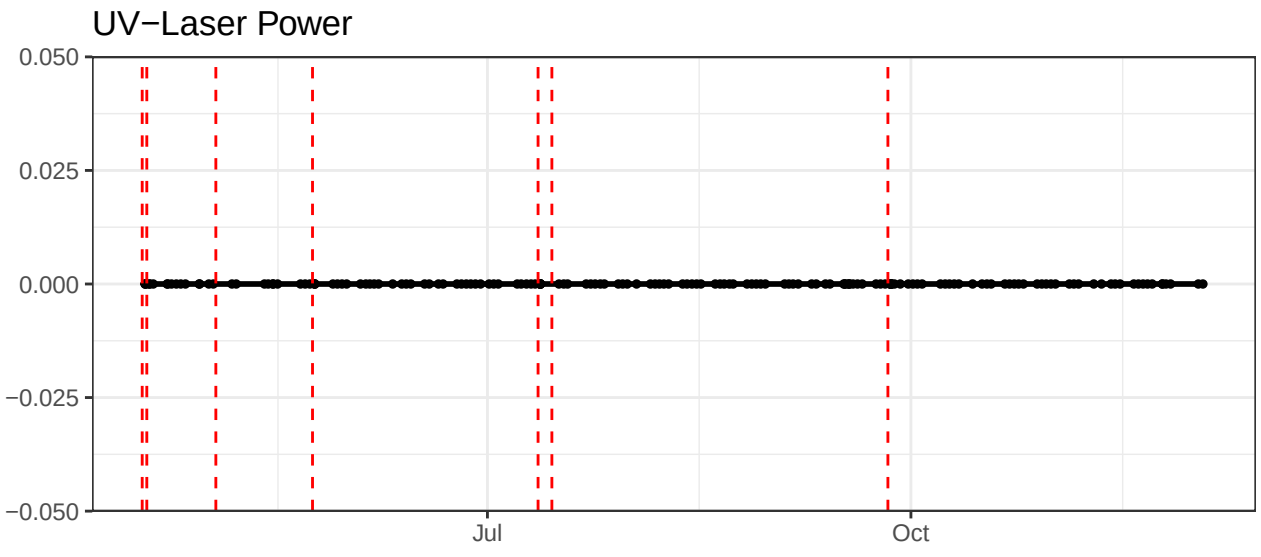

R7−Gain
Gain
1000
900
800
700
600
500
Jul
Oct


R8−Gain
Gain
500
400
300
200
Jul
Oct
FSC−Gain
725
700
675
650
625
Jul
Oct
SSC−Gain
205
200
195
190
Jul
Oct

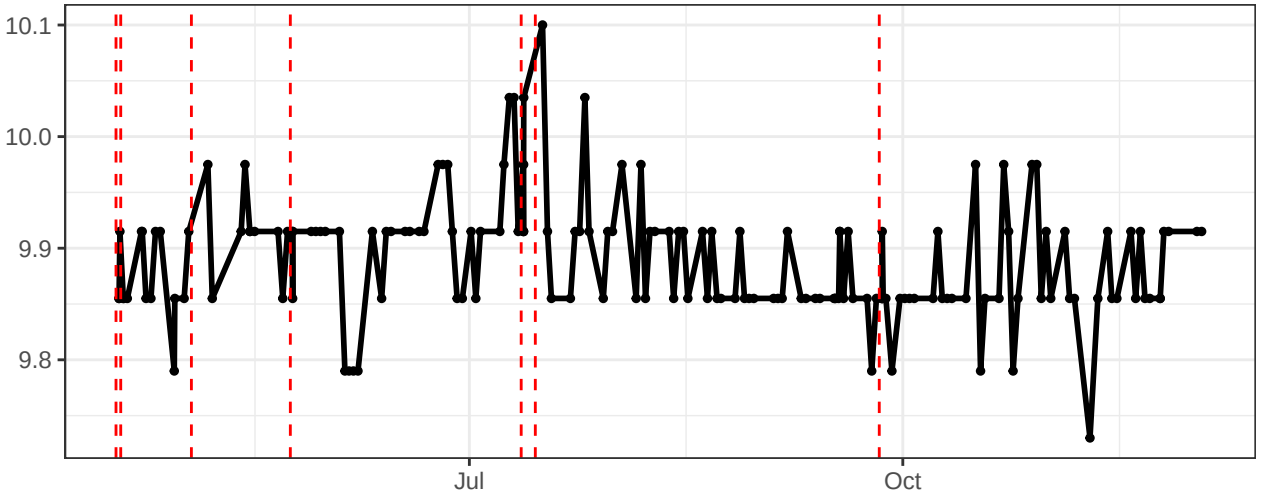

SSC−B−Gain
210
200
190
180
170
160
Jul
Oct
UV−Laser Delay
41.5
41.0
40.5
40.0
39.5
Jul
Oct
Violet−Laser Delay
−19.0
−19.5
−20.0
−20.5
−21.0
Jul
Oct


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

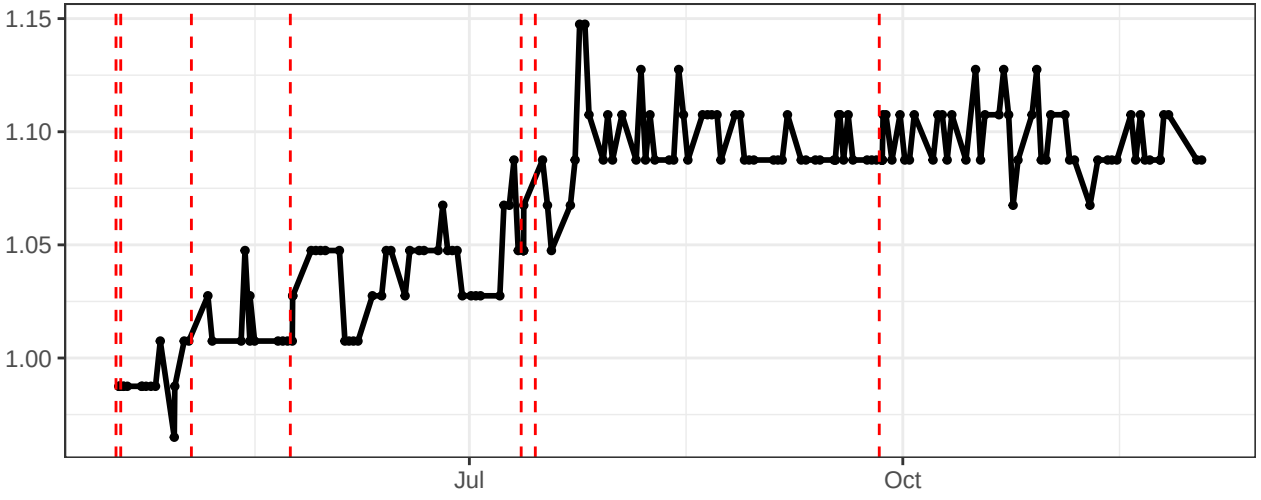

Red−Laser Delay
21.0
20.5
Jul
Oct


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

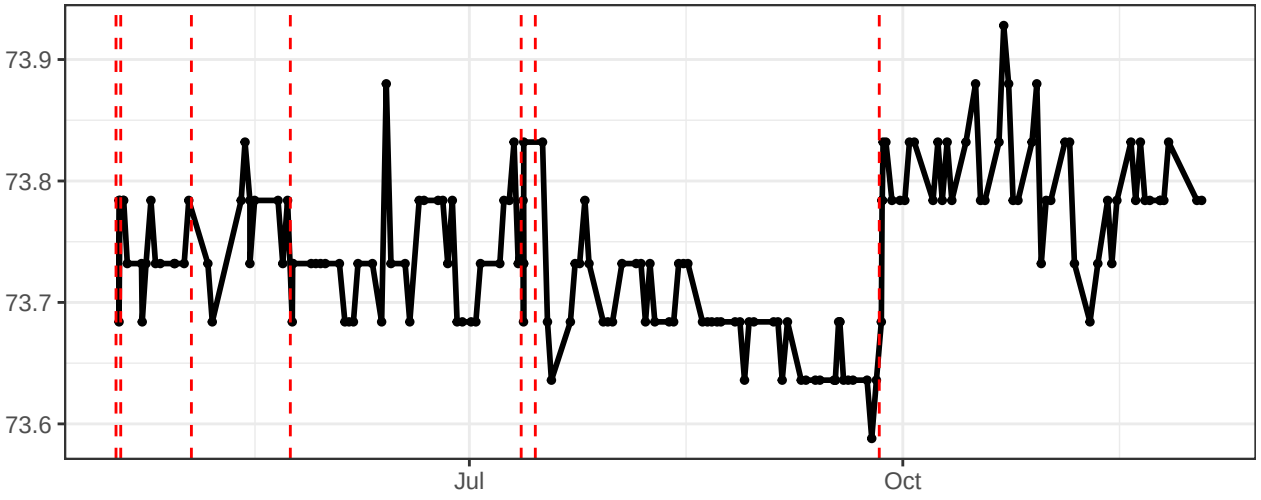
Violet−Laser Power

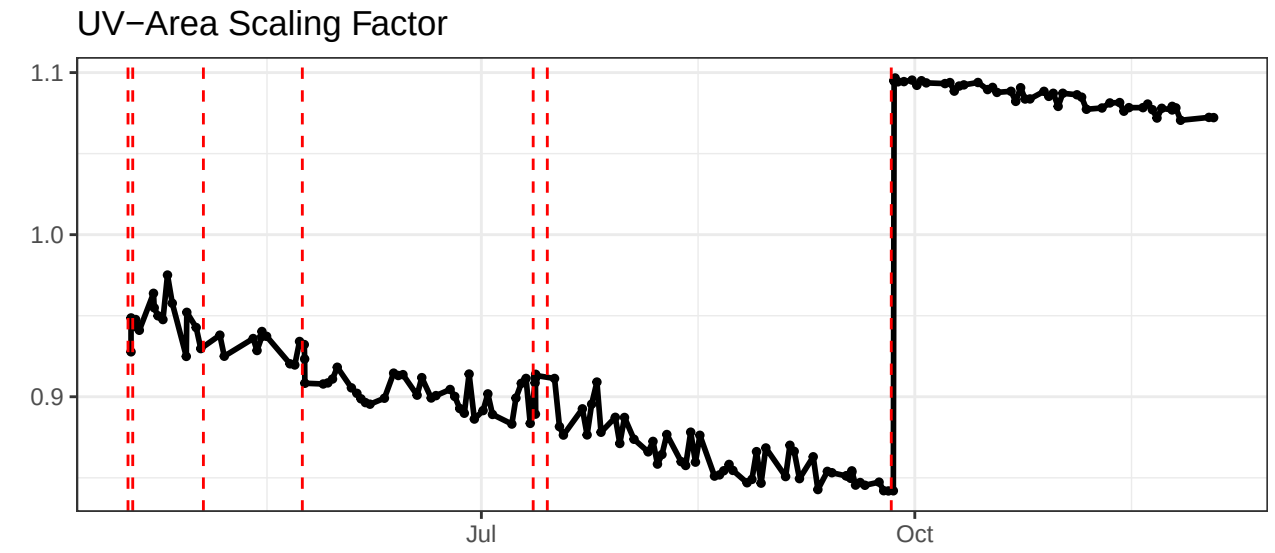


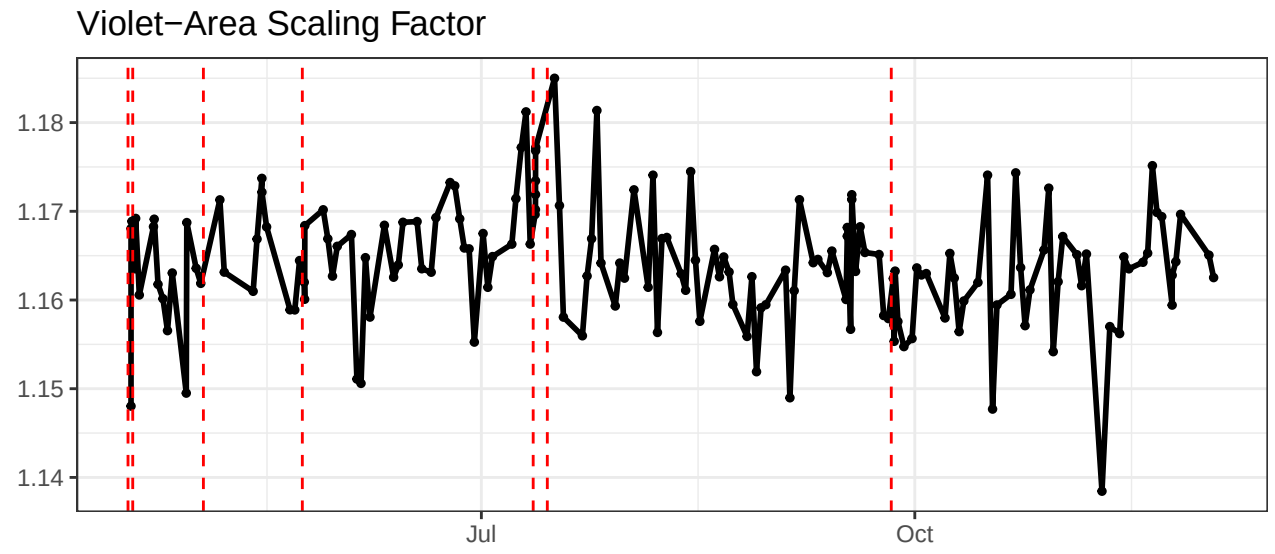
Blue−Laser Power

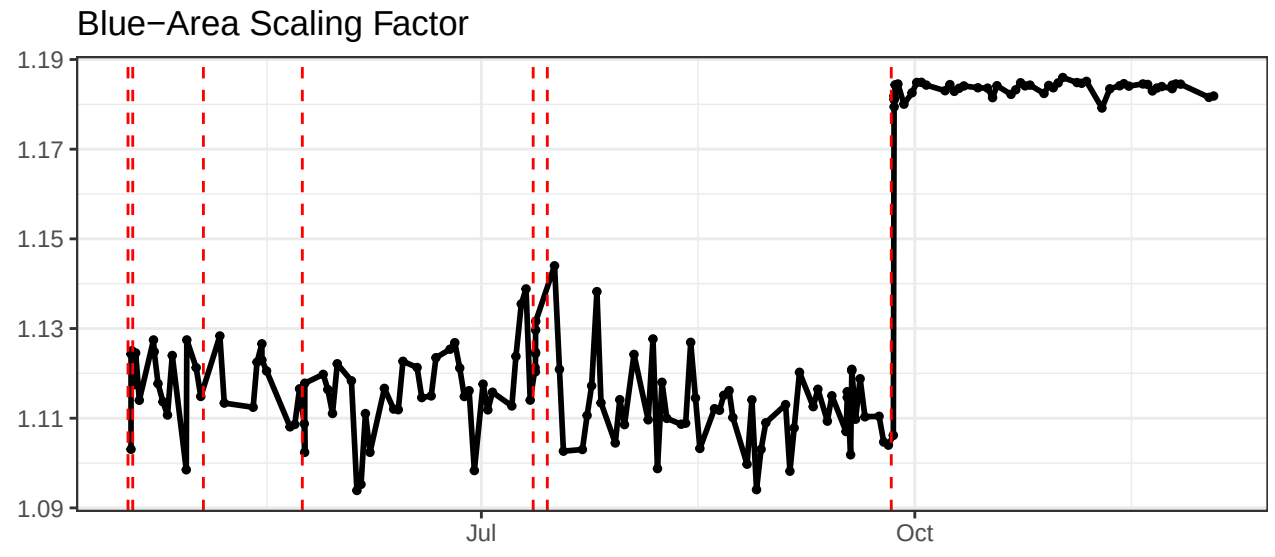


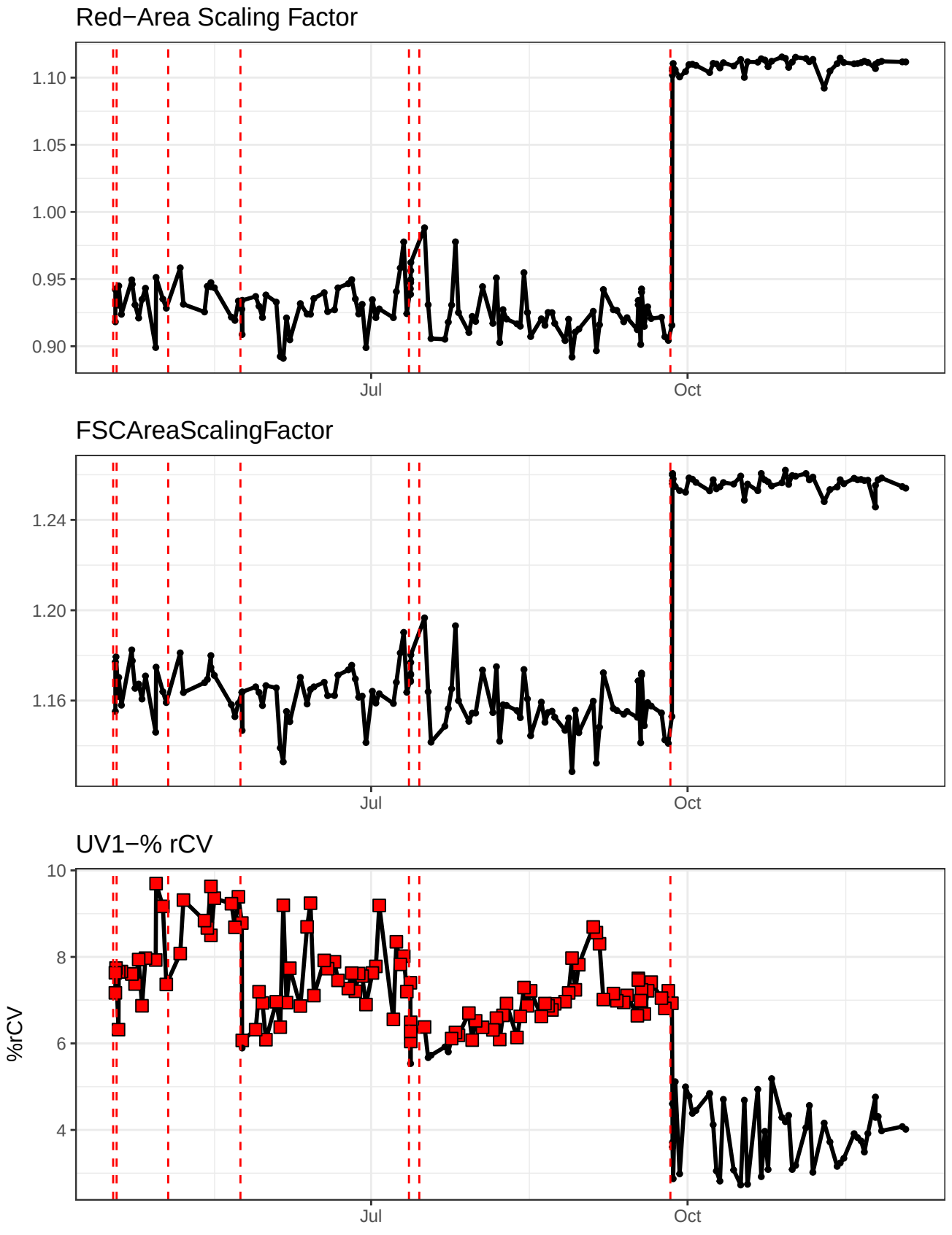
Red−Laser Power

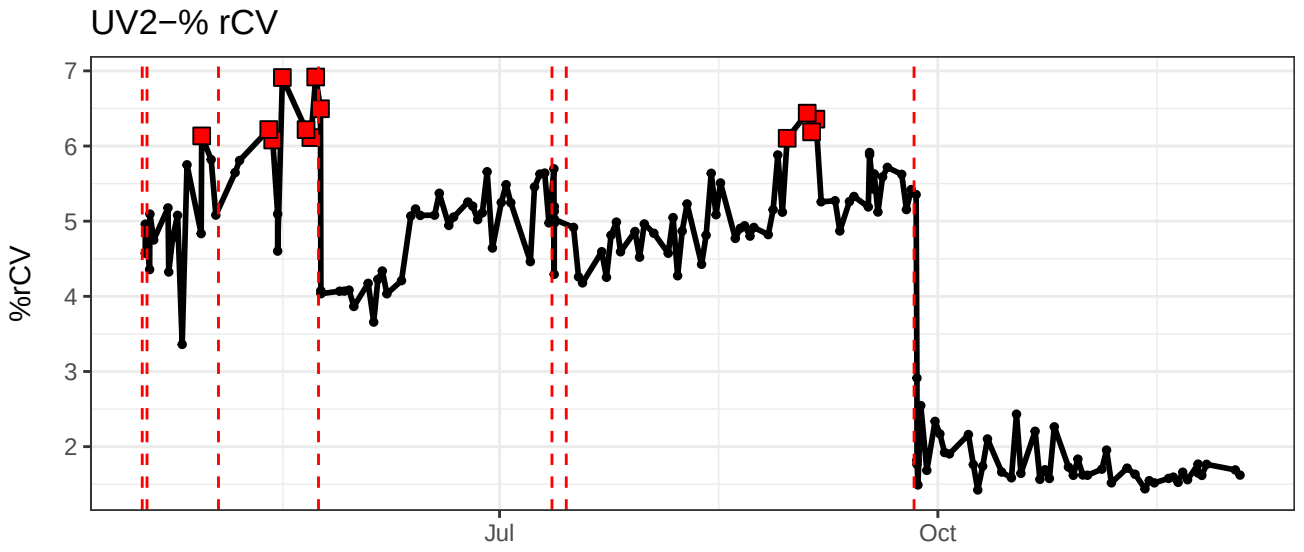


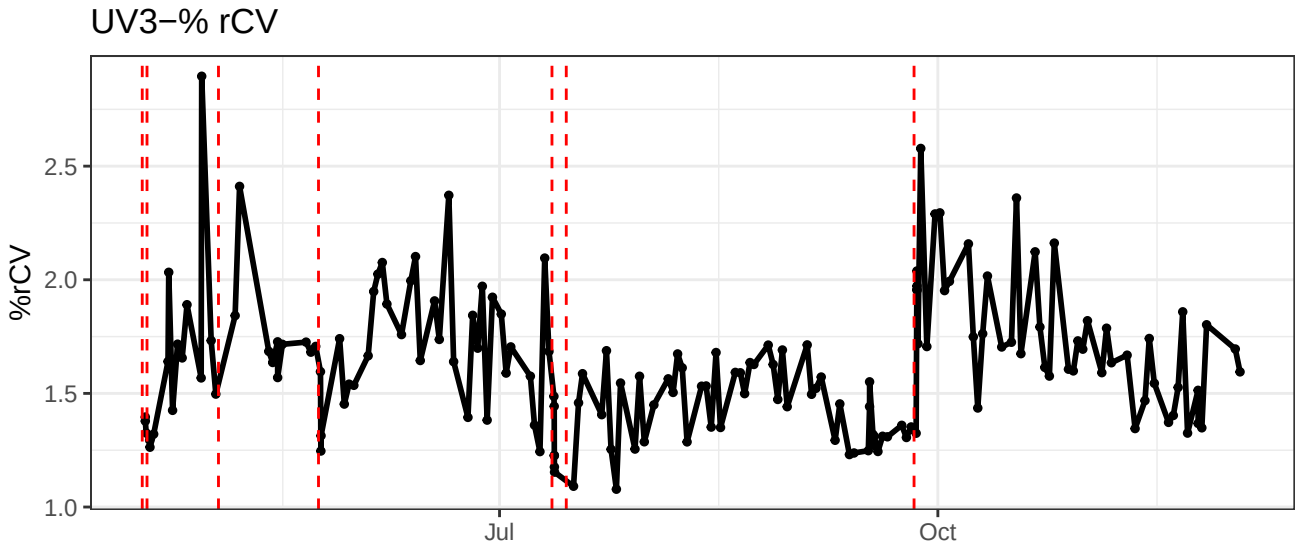

UV−Area Scaling Factor
1.1
1.0
0.9
Jul
Oct

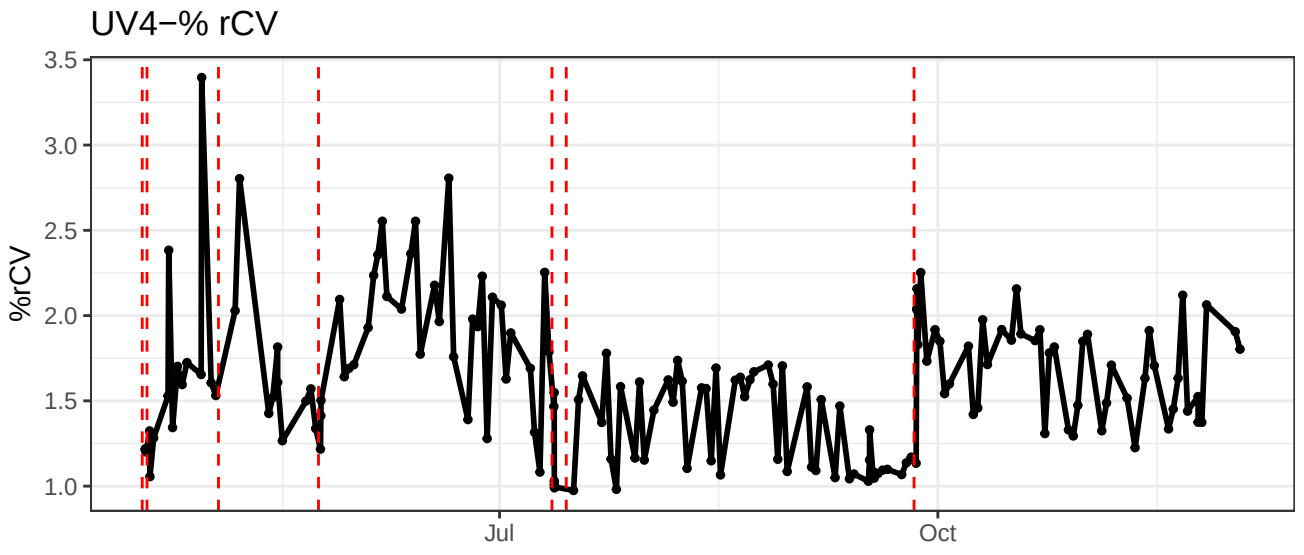

Violet−Area Scaling Factor
1.18
1.17
1.16
1.15
1.14
Jul
Oct

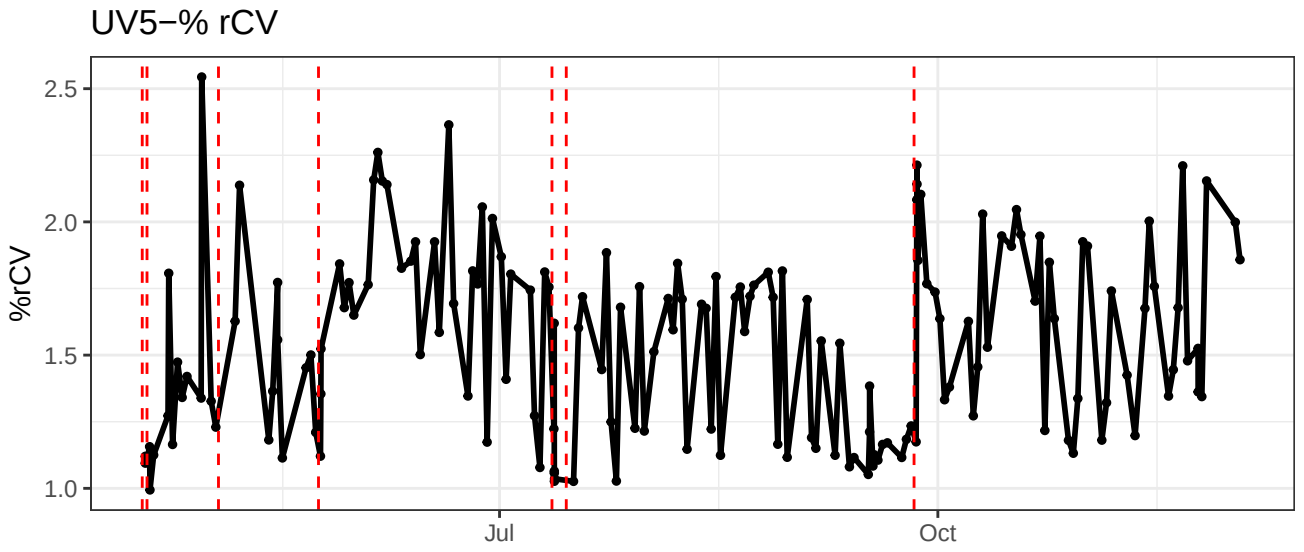

Blue−Area Scaling Factor
1.19
1.17
1.15
1.13
1.11
1.09
Jul
Oct

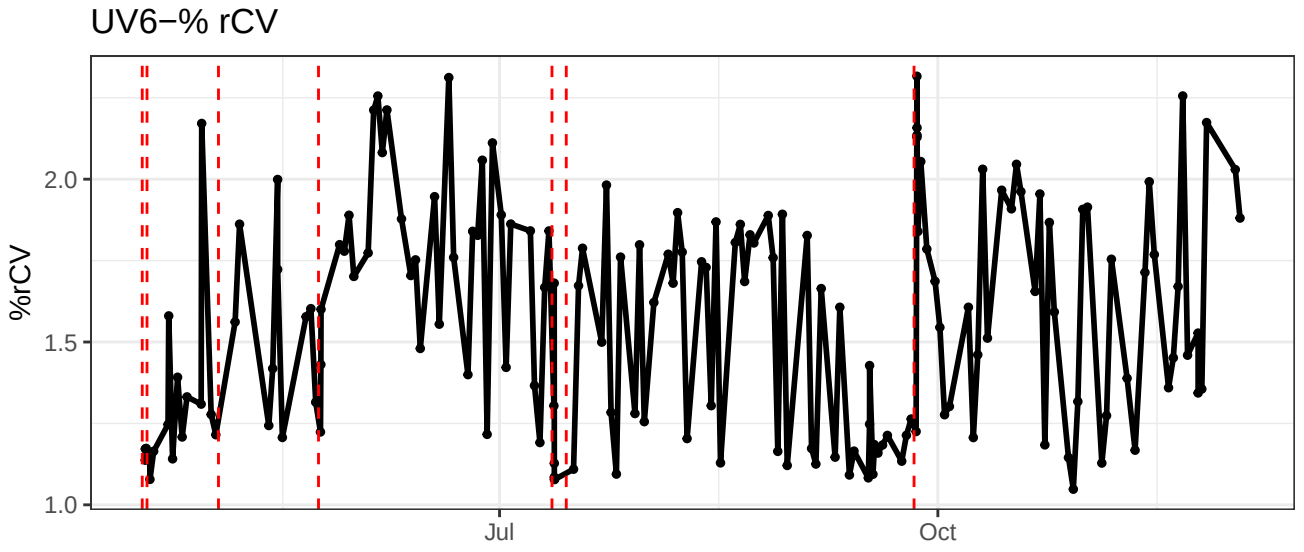

Red−Area Scaling Factor
1.10
1.05
1.00
0.95
0.90
Jul
Oct
FSCAreaScalingFactor
1.24
1.20
1.16
Jul
Oct
UV1−% rCV
%rCV
10
8
6
4
Jul
Oct

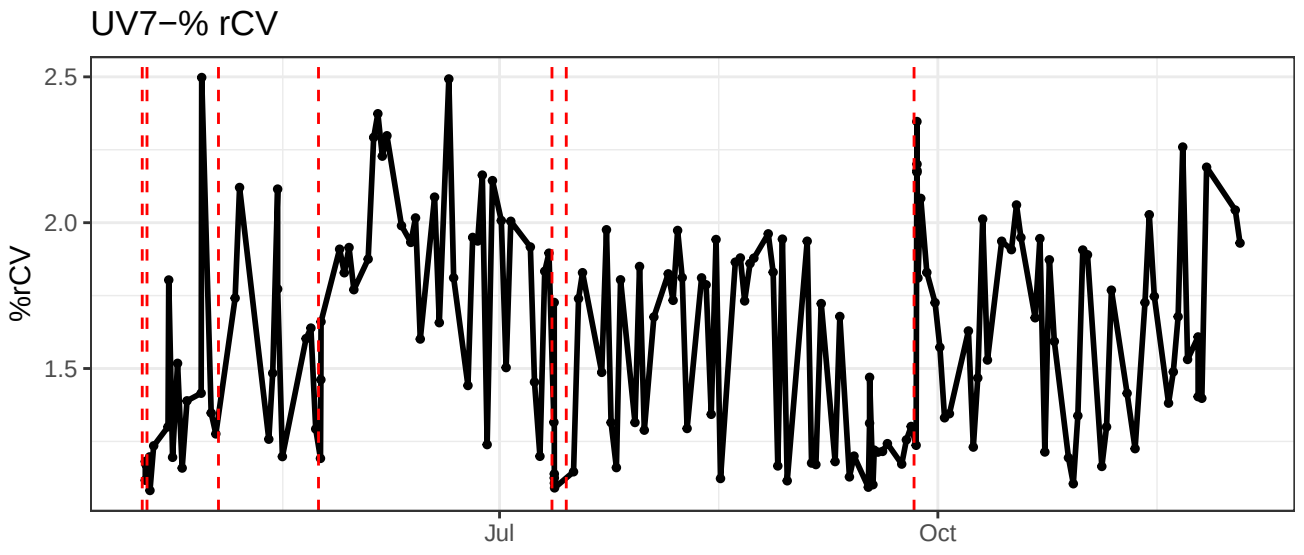

UV2−% rCV
%rCV
7
6
5
4
3
2
Jul
Oct

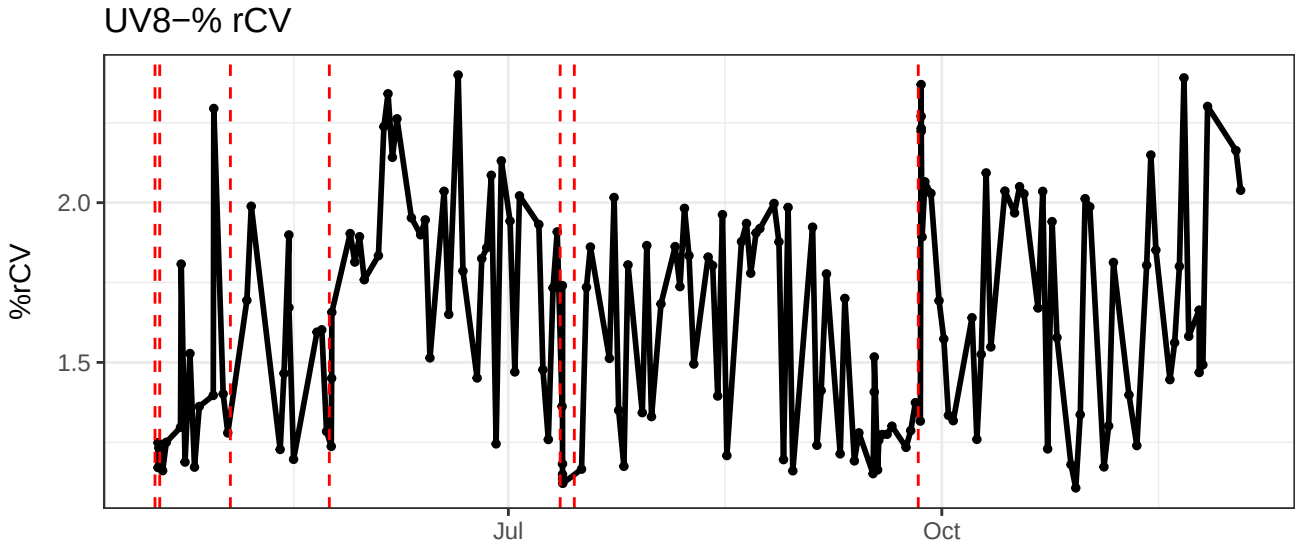

UV3−% rCV
%rCV
2.5
2.0
1.5
1.0
Jul
Oct

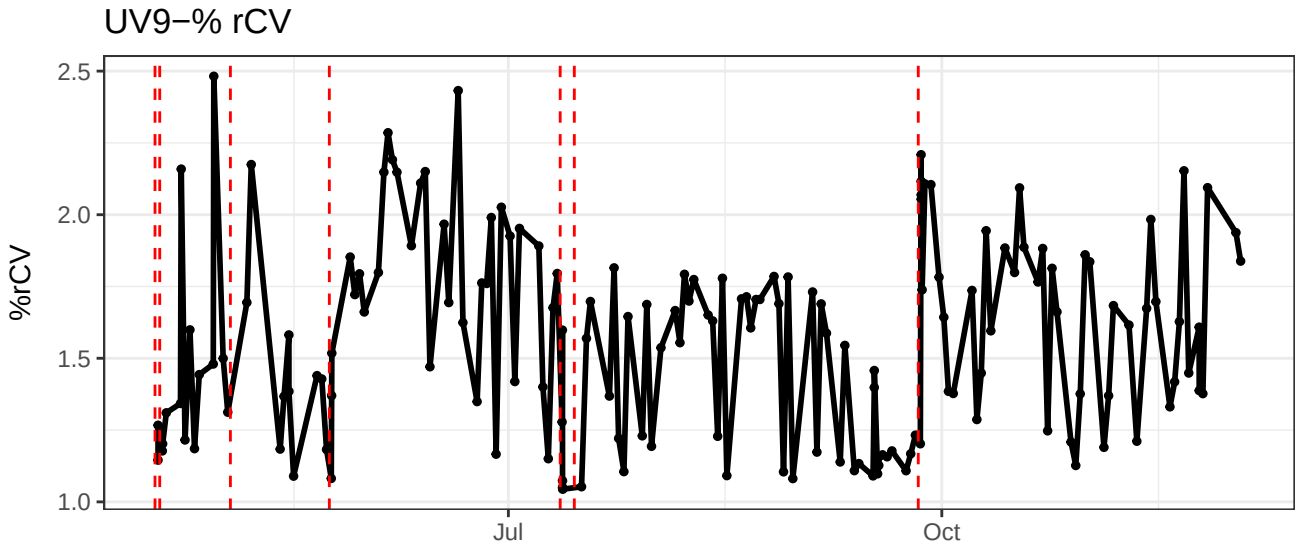

UV4−% rCV
%rCV
3.5
3.0
2.5
2.0
1.5
1.0
Jul
Oct

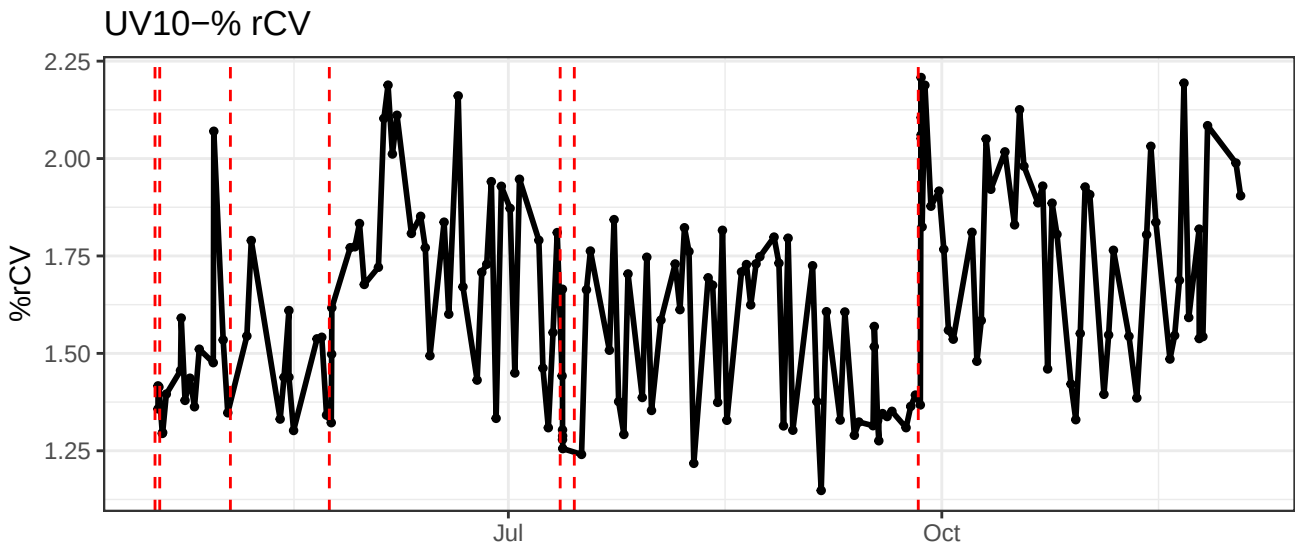

UV5−% rCV
%rCV
2.5
2.0
1.5
1.0
Jul
Oct

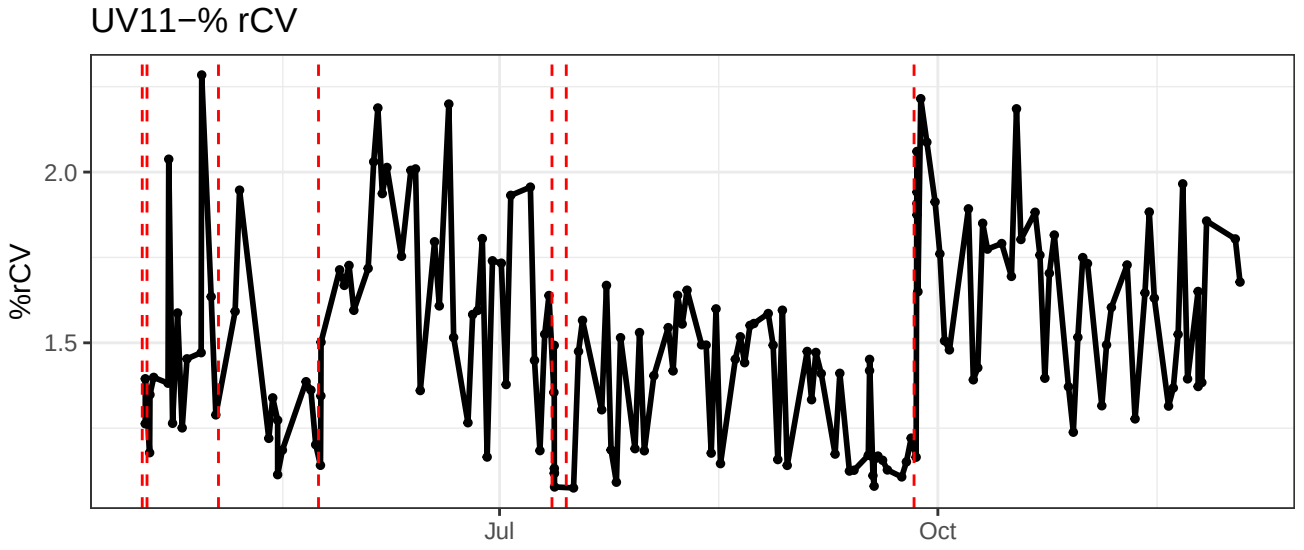

UV6−% rCV
%rCV
2.0
1.5
1.0
Jul
Oct

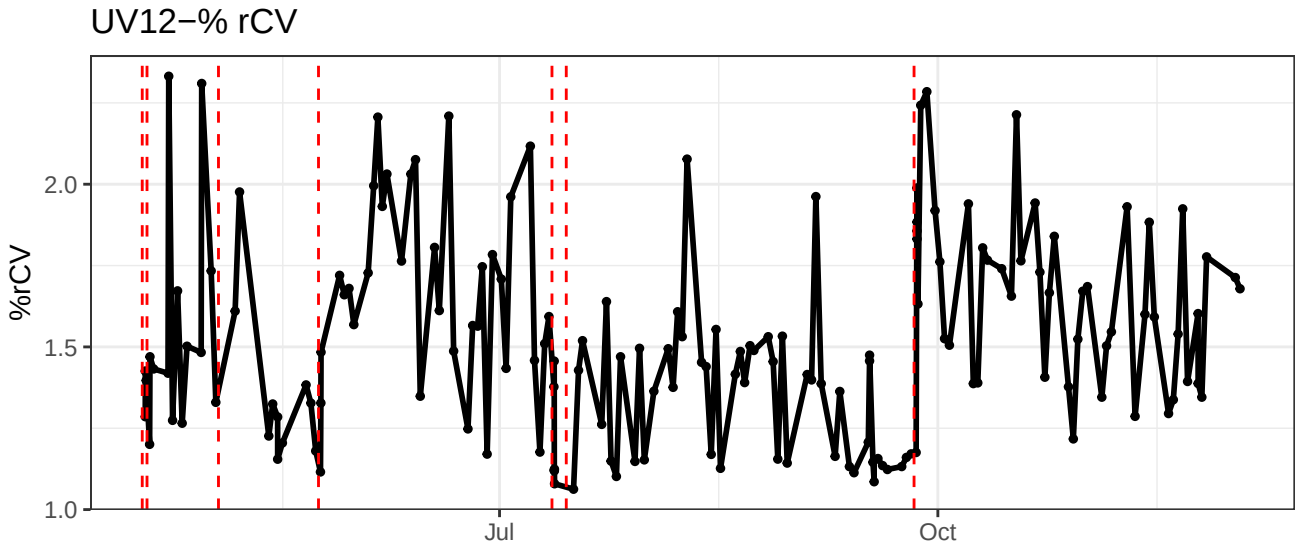

UV7−% rCV
%rCV
2.5
2.0
1.5
Jul
Oct

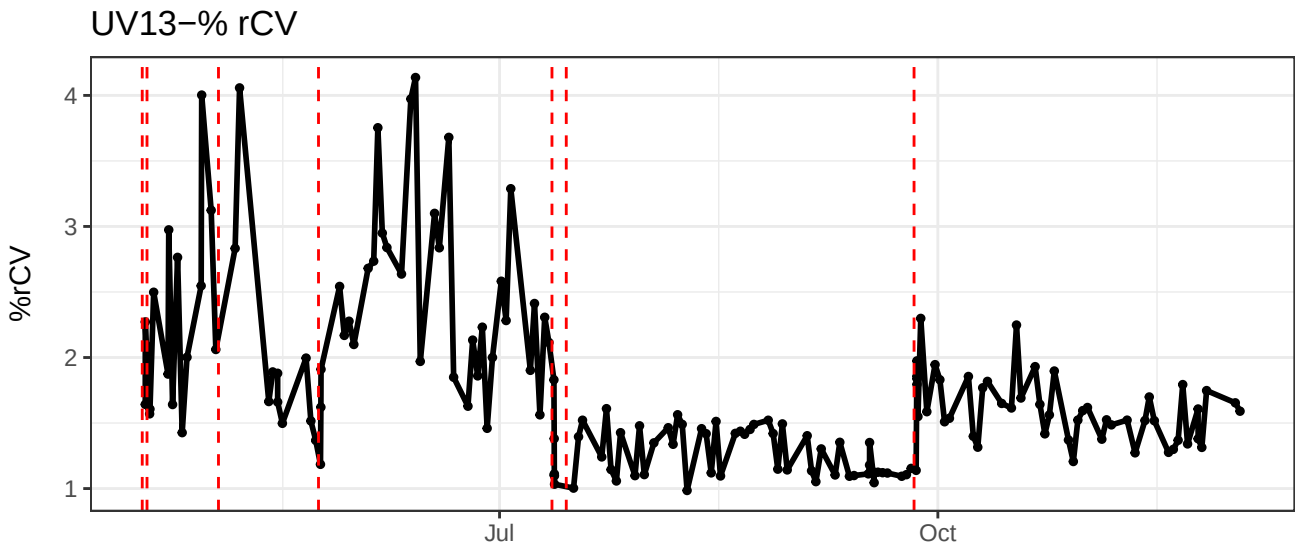

UV8−% rCV
%rCV
2.0
1.5
Jul
Oct

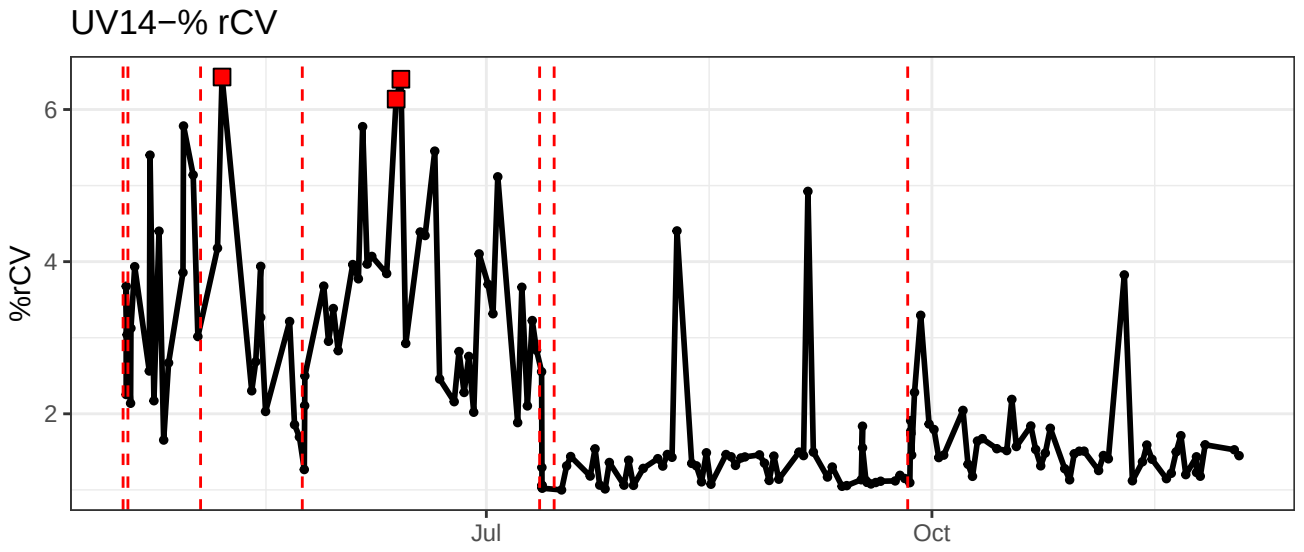

UV9−% rCV
%rCV
2.5
2.0
1.5
1.0
Jul
Oct

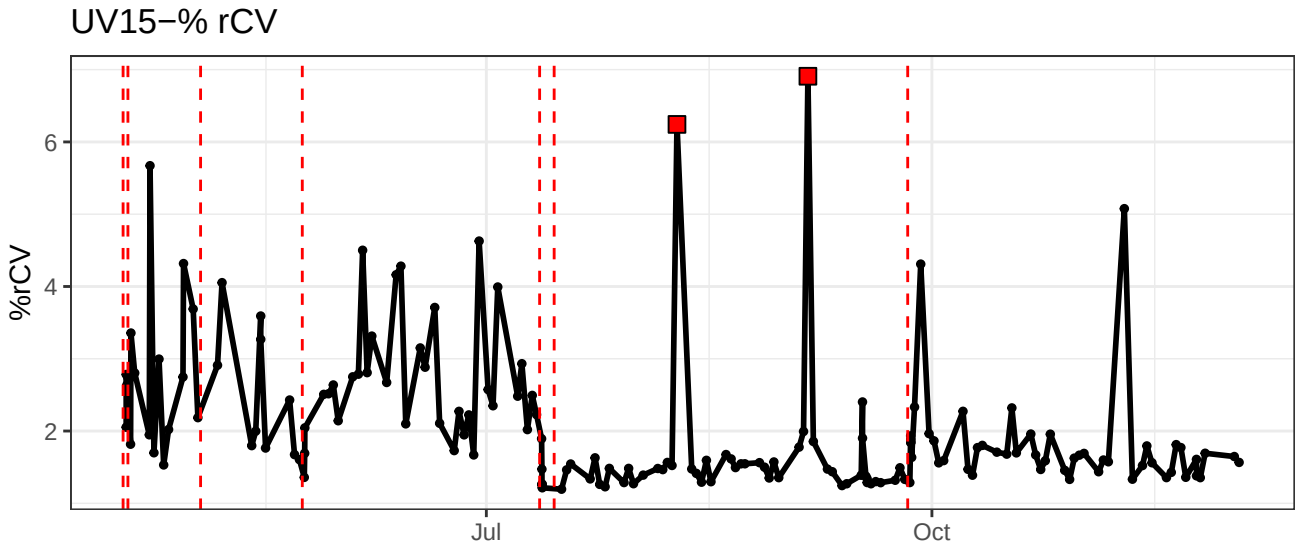

UV10−% rCV
%rCV
2.25
2.00
1.75
1.50
1.25
Jul
Oct

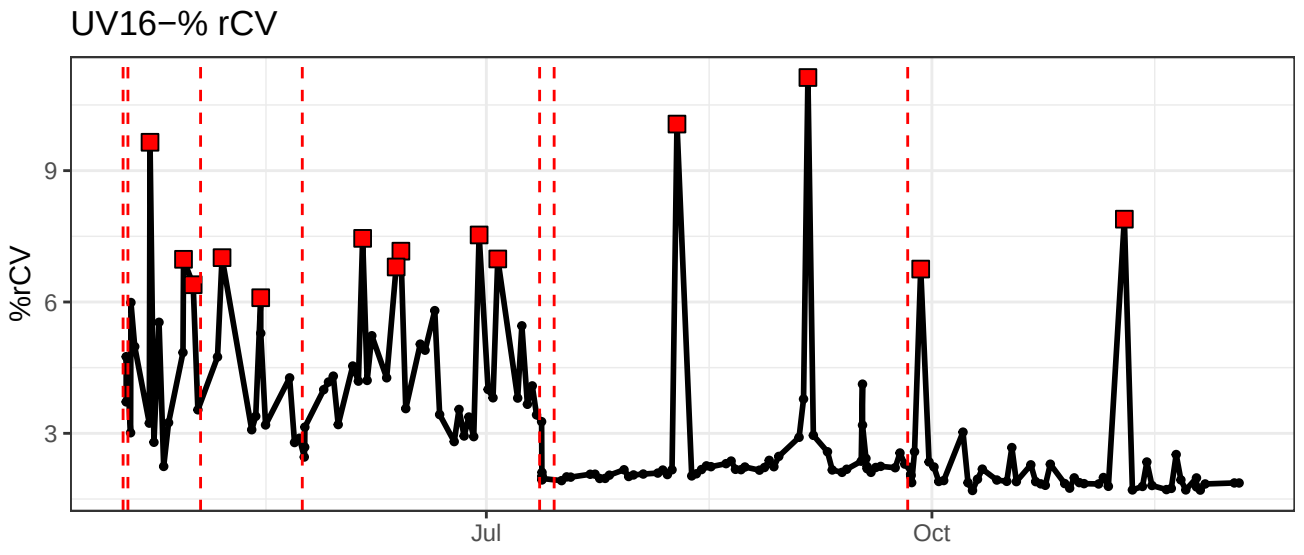

UV11−% rCV
%rCV
2.0
1.5
Jul
Oct

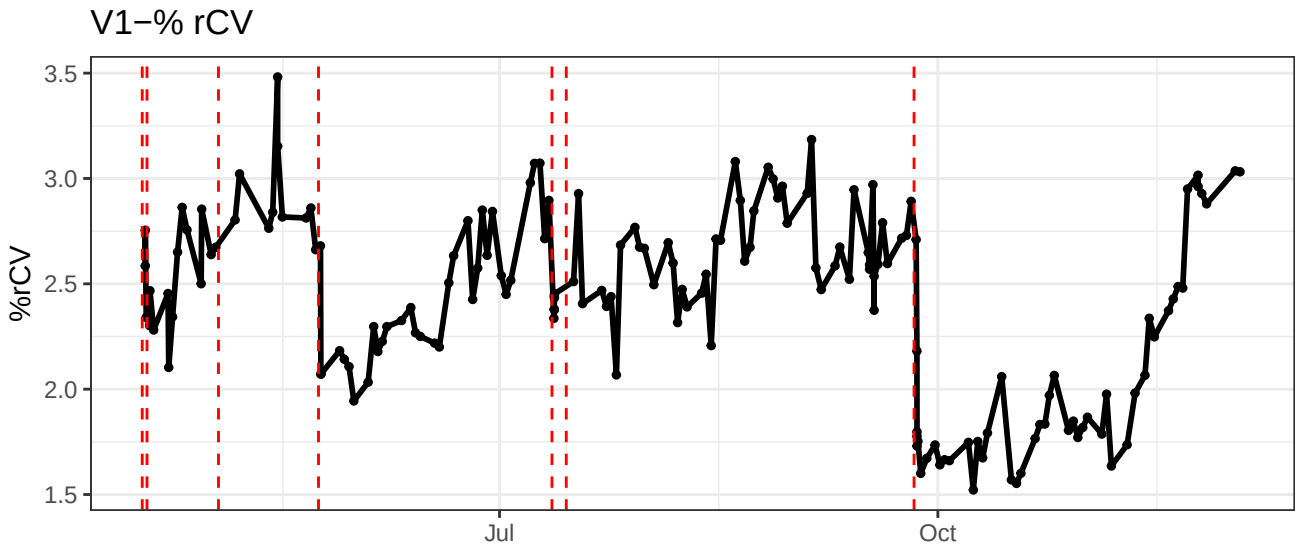

UV12−% rCV
%rCV
2.0
1.5
1.0
Jul
Oct

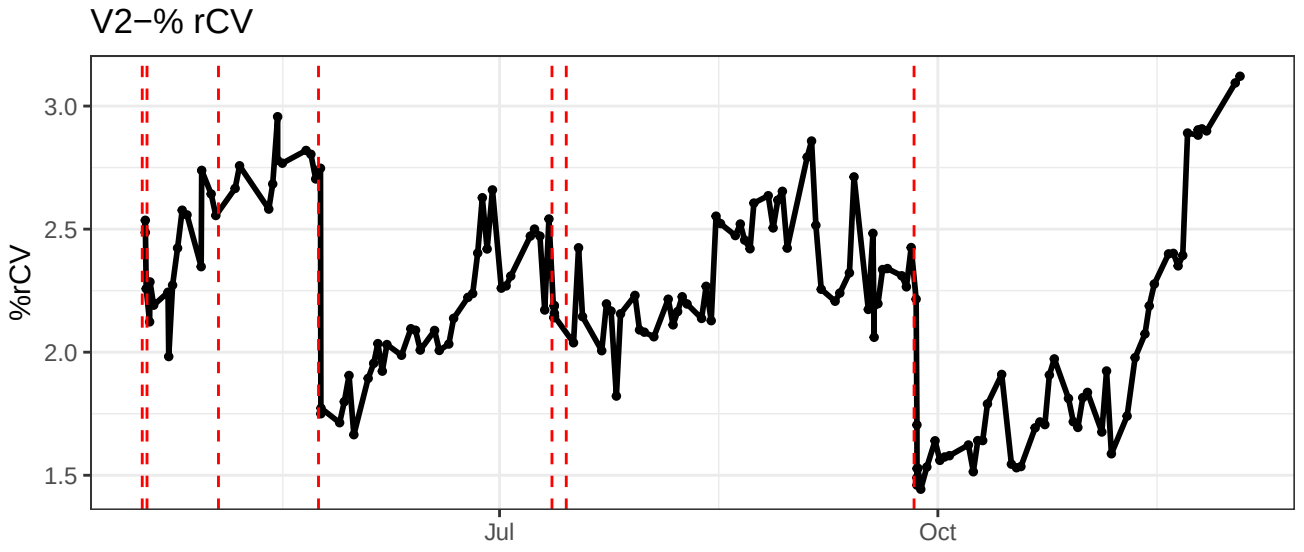

UV13−% rCV
%rCV
4
3
2
1
Jul
Oct

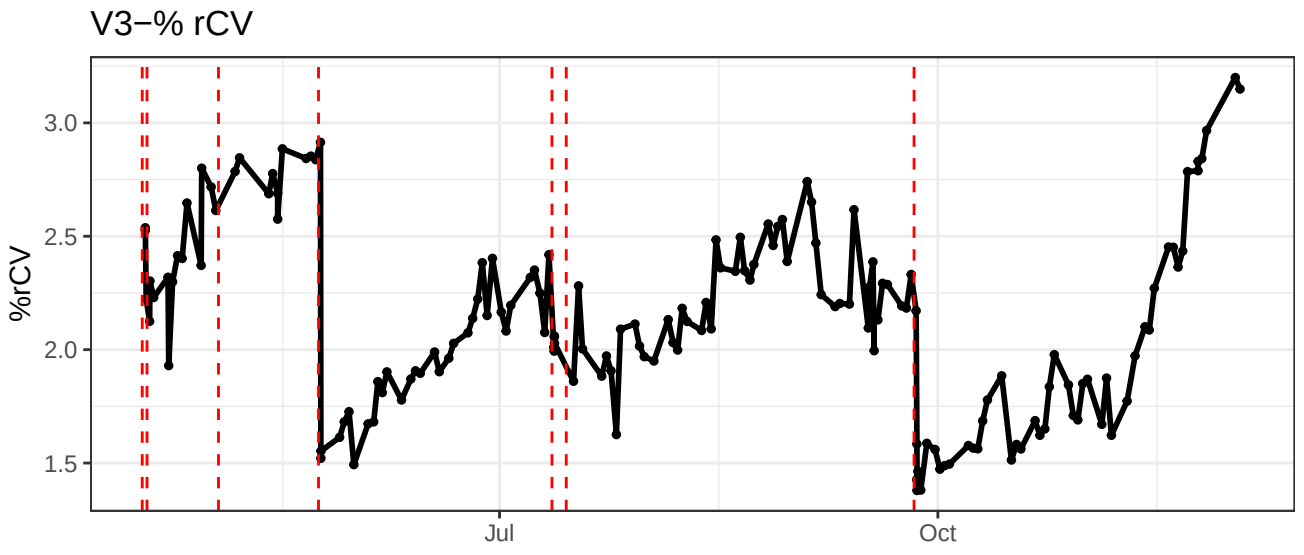

UV14−% rCV
%rCV
6
4
2
Jul
Oct

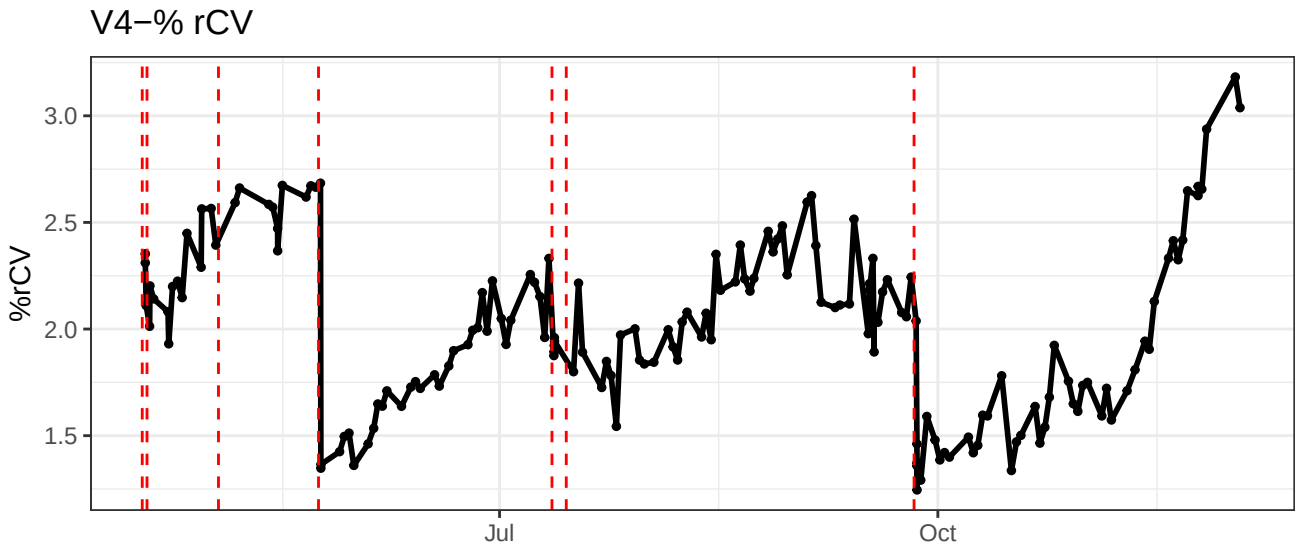

UV15−% rCV
%rCV
6
4
2
Jul
Oct

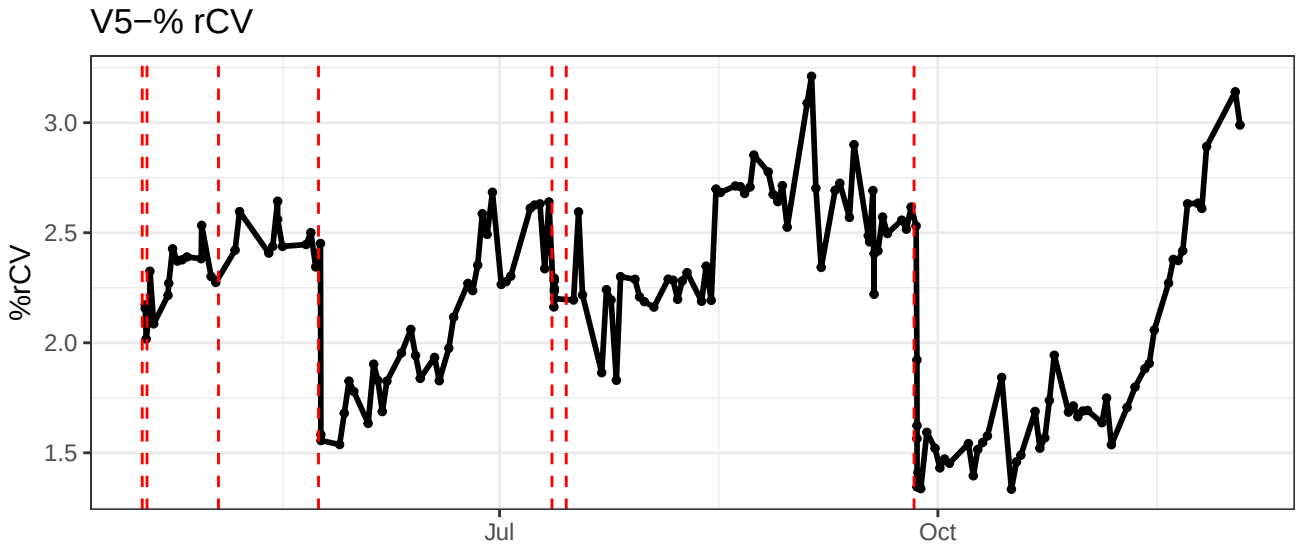

UV16−% rCV
%rCV
9
6
3
Jul
Oct

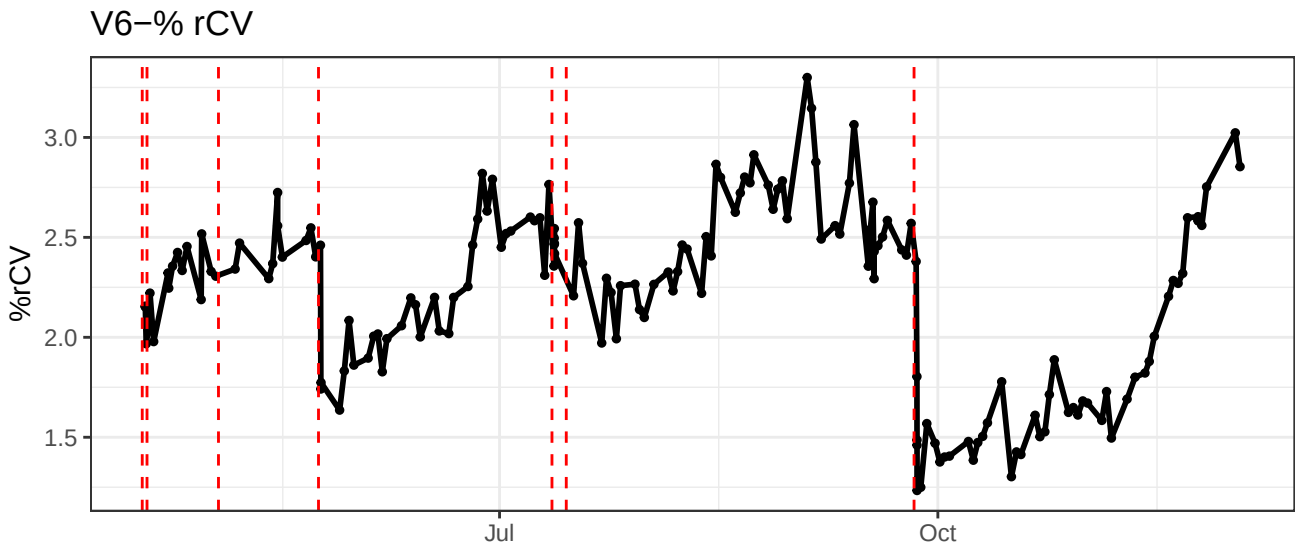

V1−% rCV
%rCV
3.5
3.0
2.5
2.0
1.5
Jul
Oct

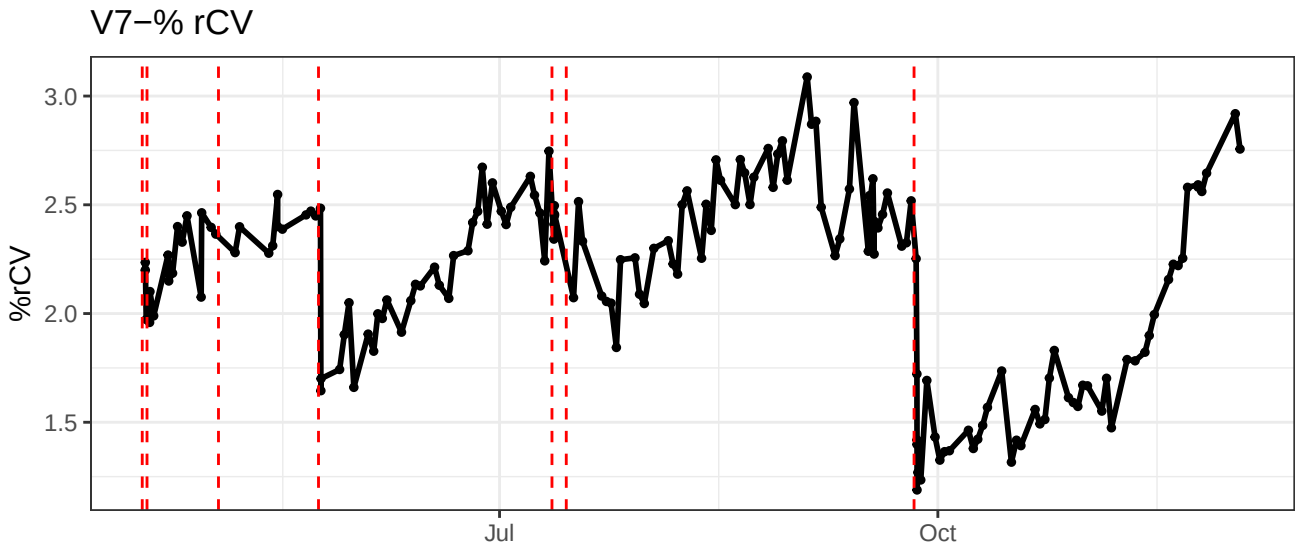

V2−% rCV
%rCV
3.0
2.5
2.0
1.5
Jul
Oct


V3−% rCV
%rCV
3.0
2.5
2.0
1.5
Jul
Oct


V4−% rCV
%rCV
3.0
2.5
2.0
1.5
Jul
Oct


V5−% rCV
%rCV
3.0
2.5
2.0
1.5
Jul
Oct


V6−% rCV
%rCV
3.0
2.5
2.0
1.5
Jul
Oct


V7−% rCV
%rCV
3.0
2.5
2.0
1.5
Jul
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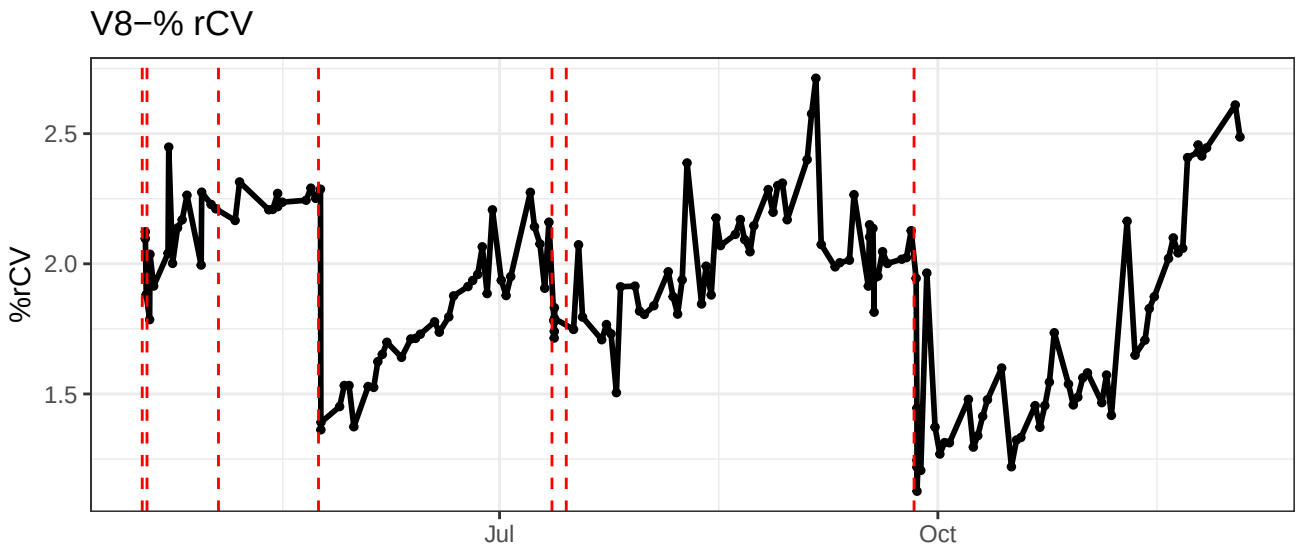
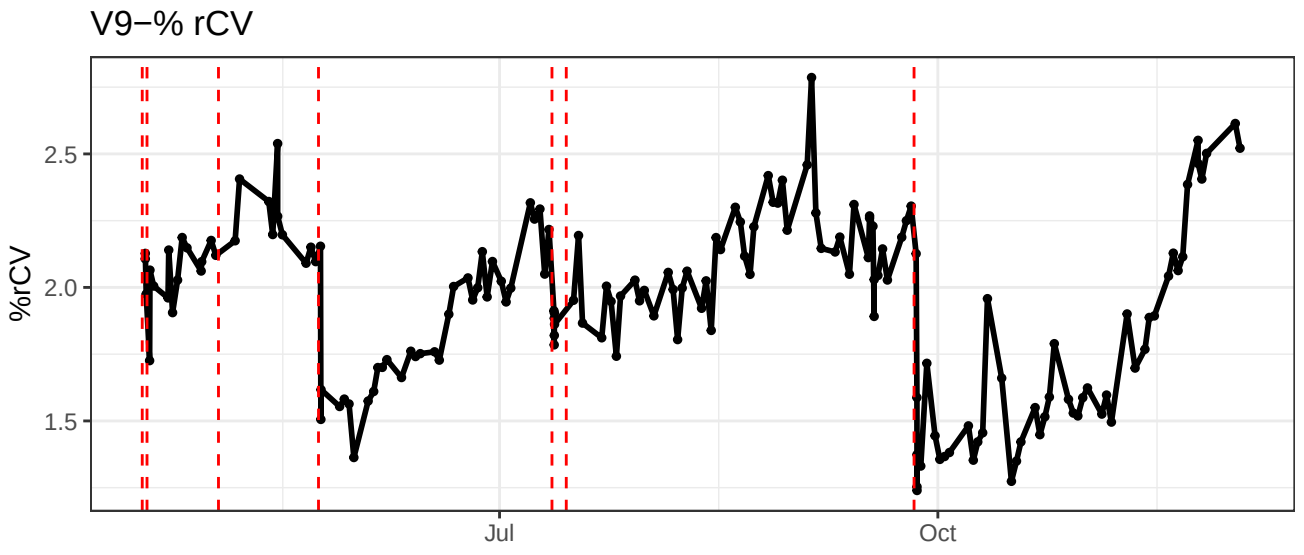
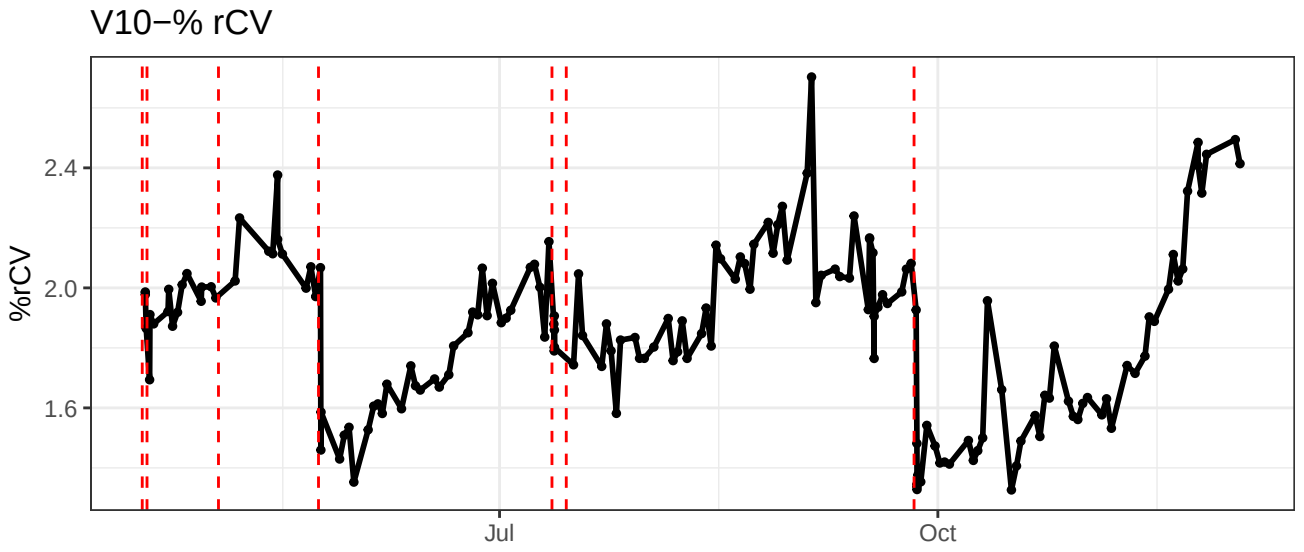

V8−% rCV
%rCV
2.5
2.0
1.5
Jul
Oct


V9−% rCV
%rCV
2.5
2.0
1.5
Jul
Oct


V10−% rCV
%rCV
2.4
2.0
1.6
Jul
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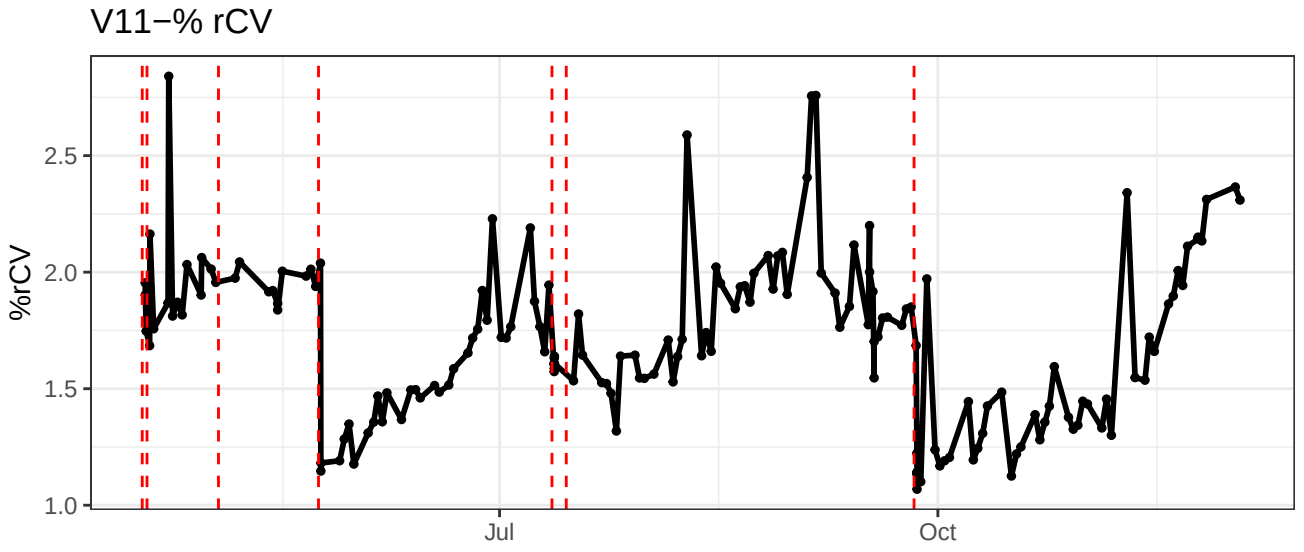
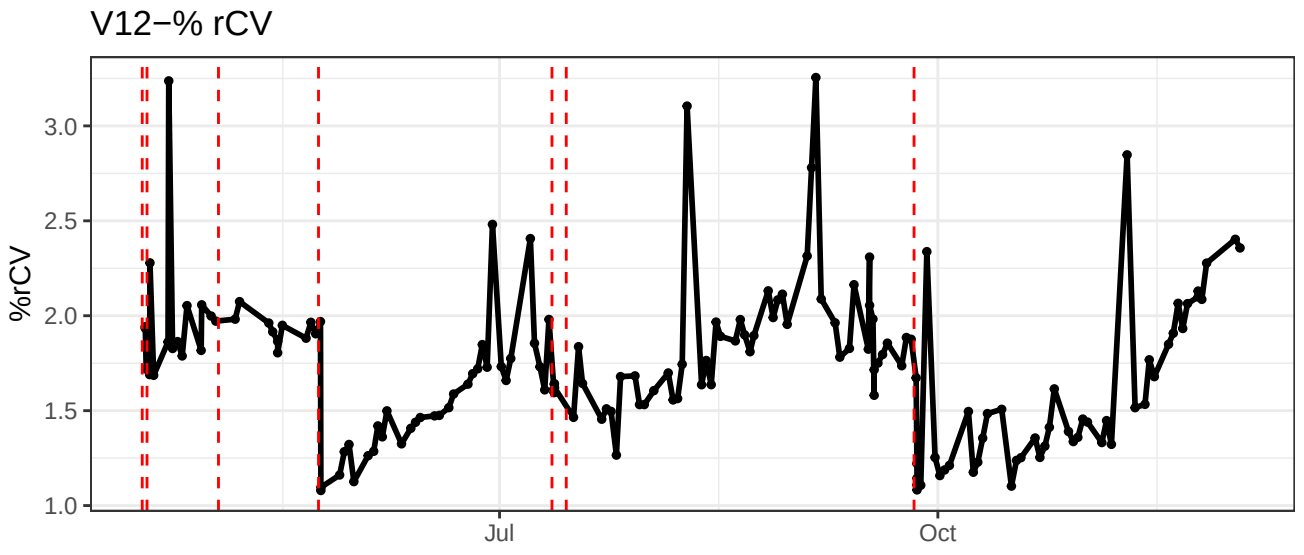
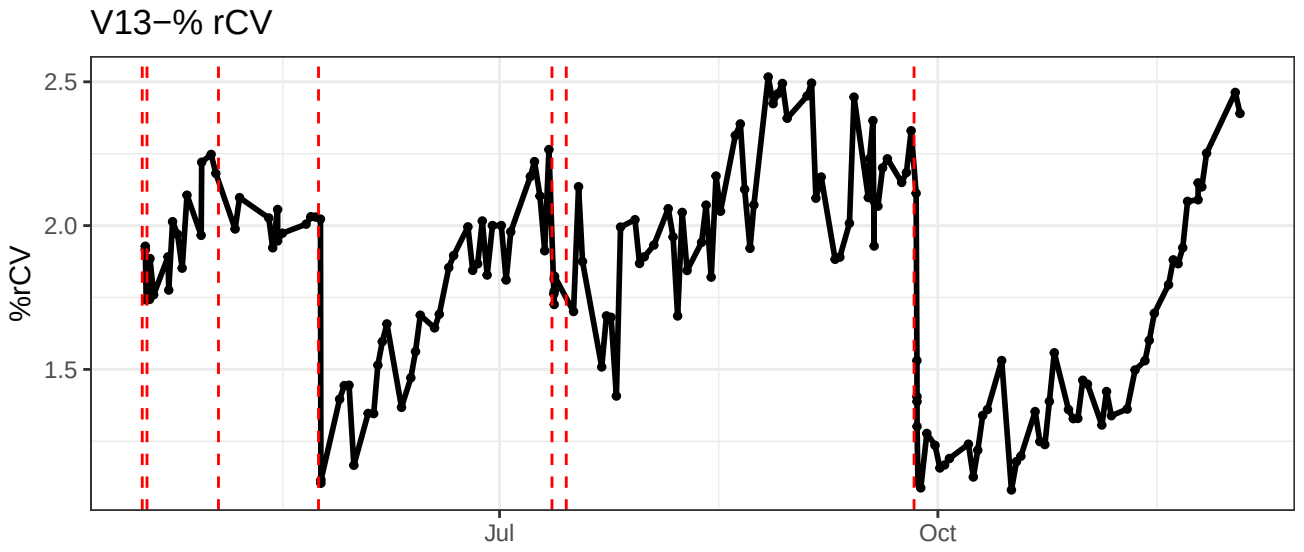
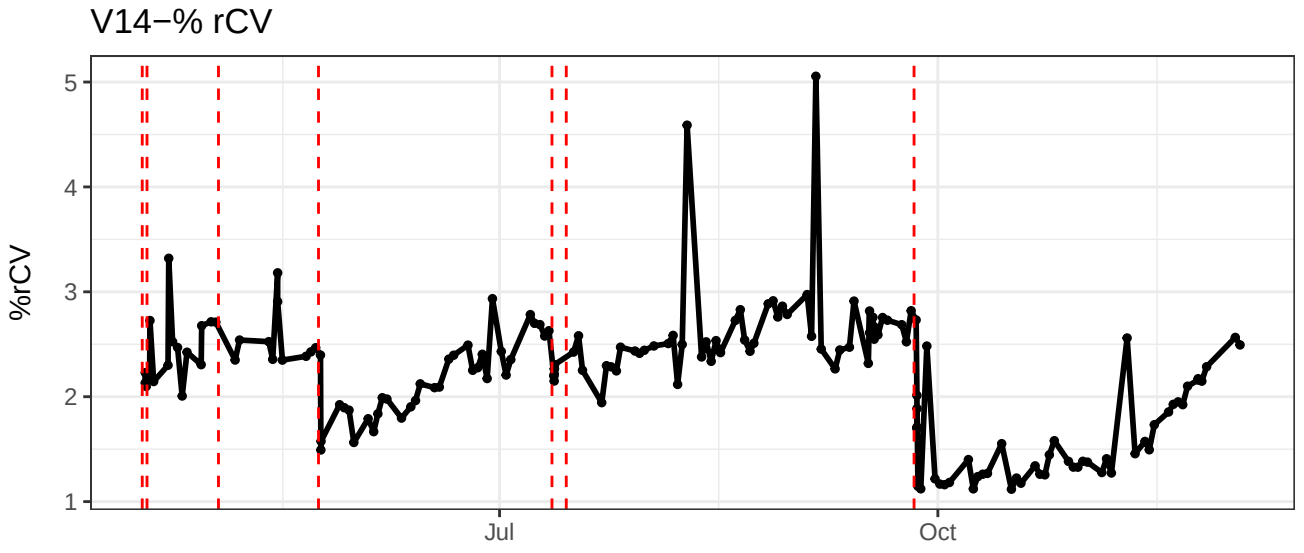
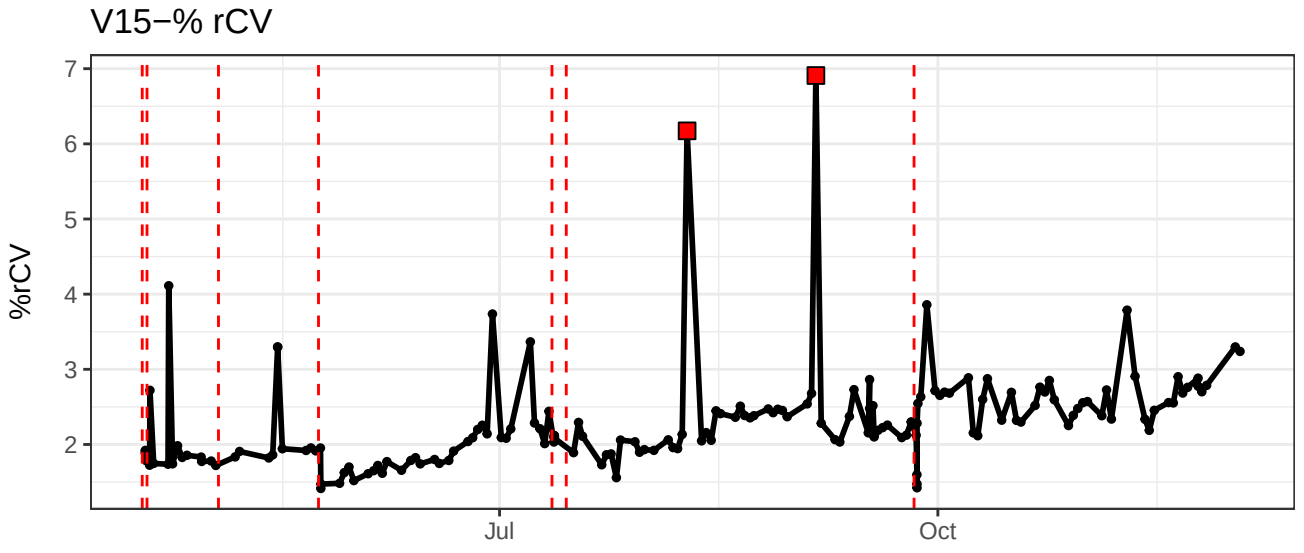
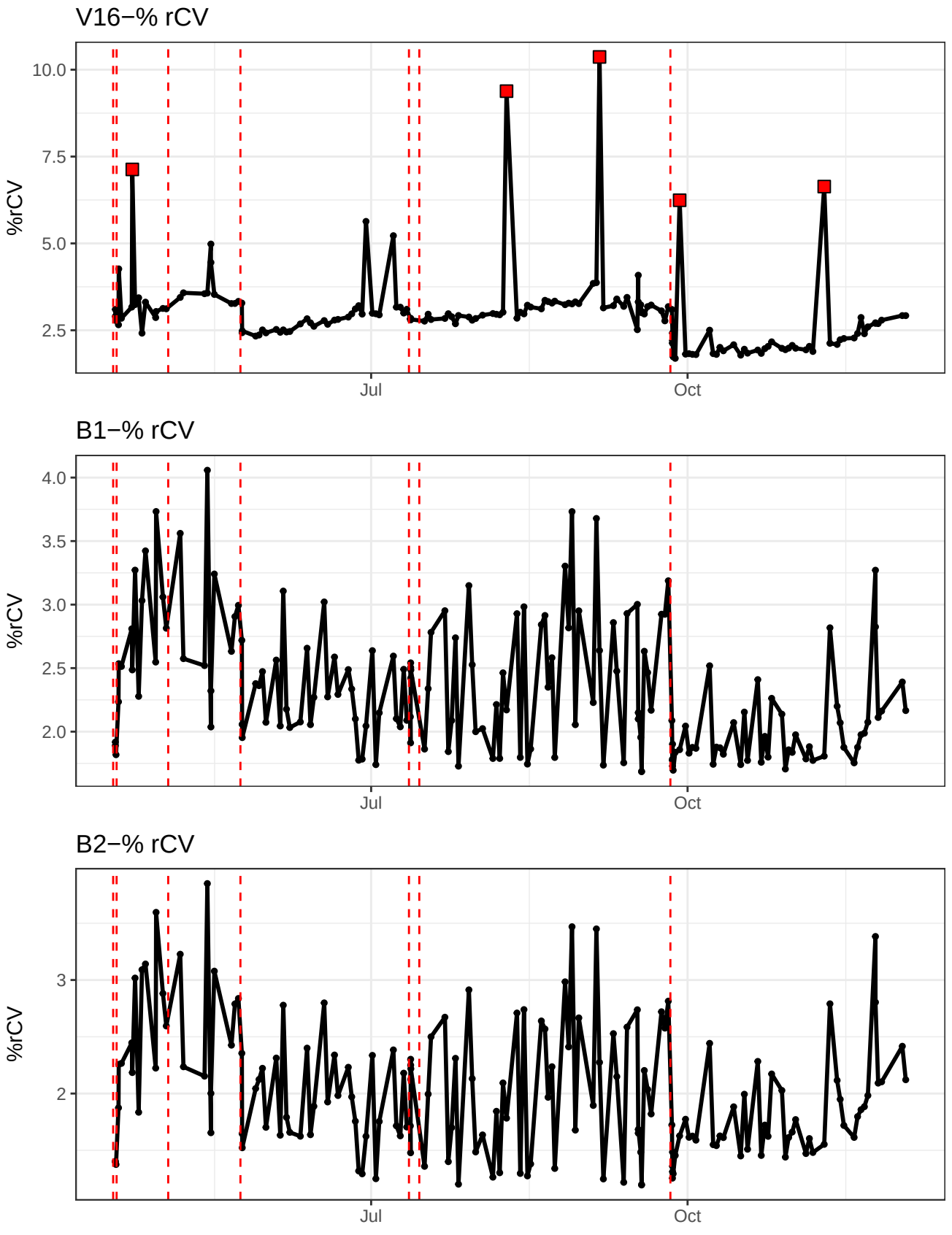

V11−% rCV
%rCV
2.5
2.0
1.5
1.0
Jul
Oct

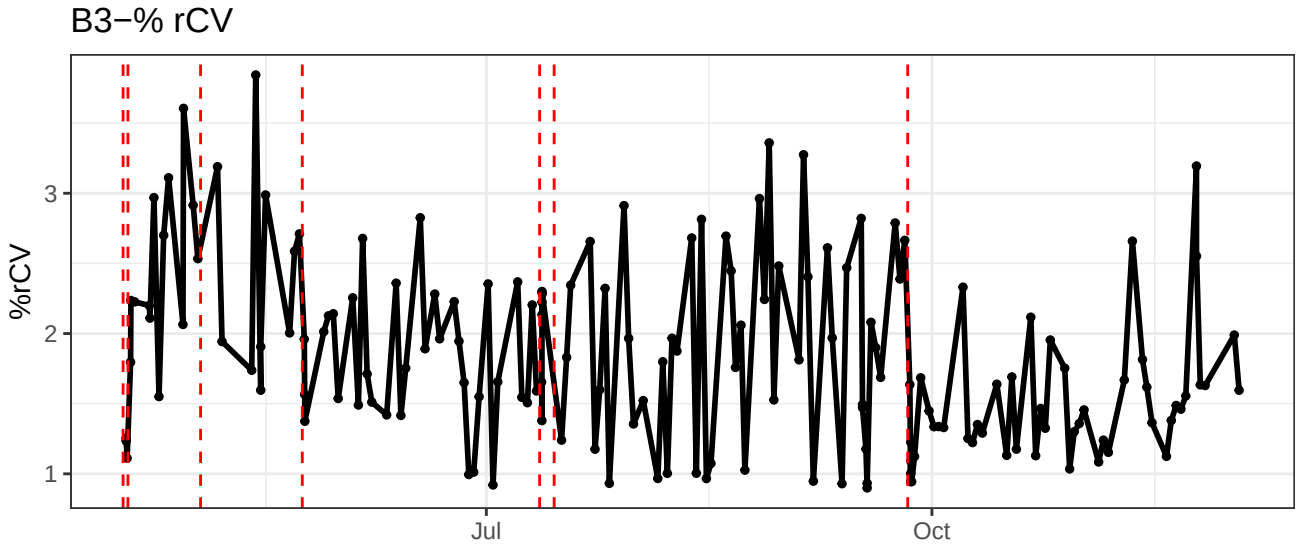

V12−% rCV
%rCV
3.0
2.5
2.0
1.5
1.0
Jul
Oct

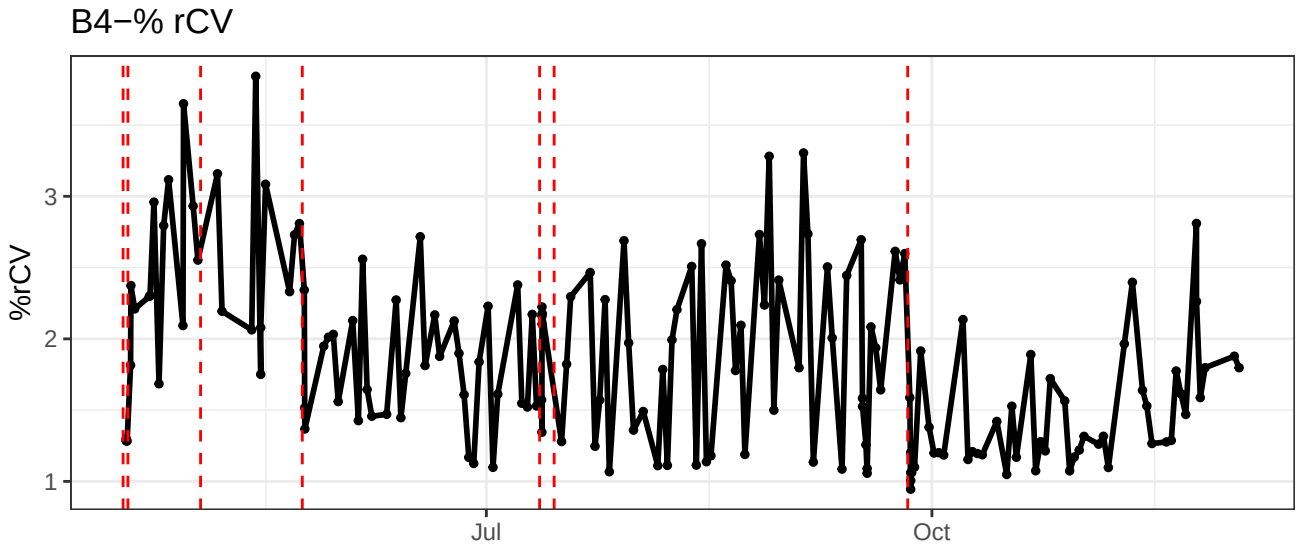

V13−% rCV
%rCV
2.5
2.0
1.5
Jul
Oct

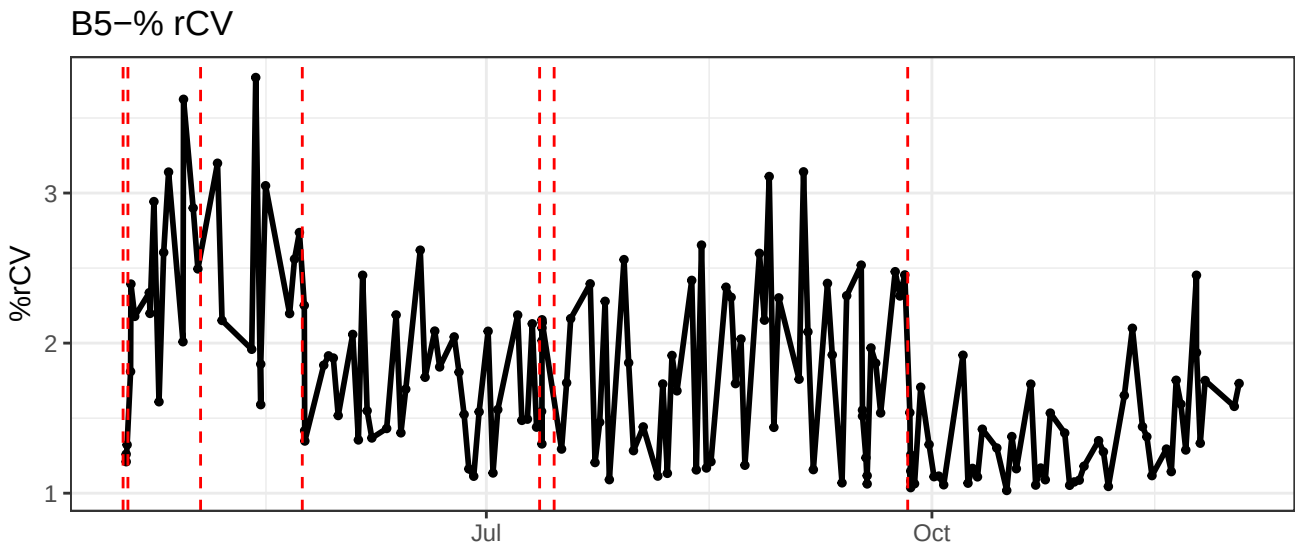

V14−% rCV
%rCV
5
4
3
2
1
Jul
Oct

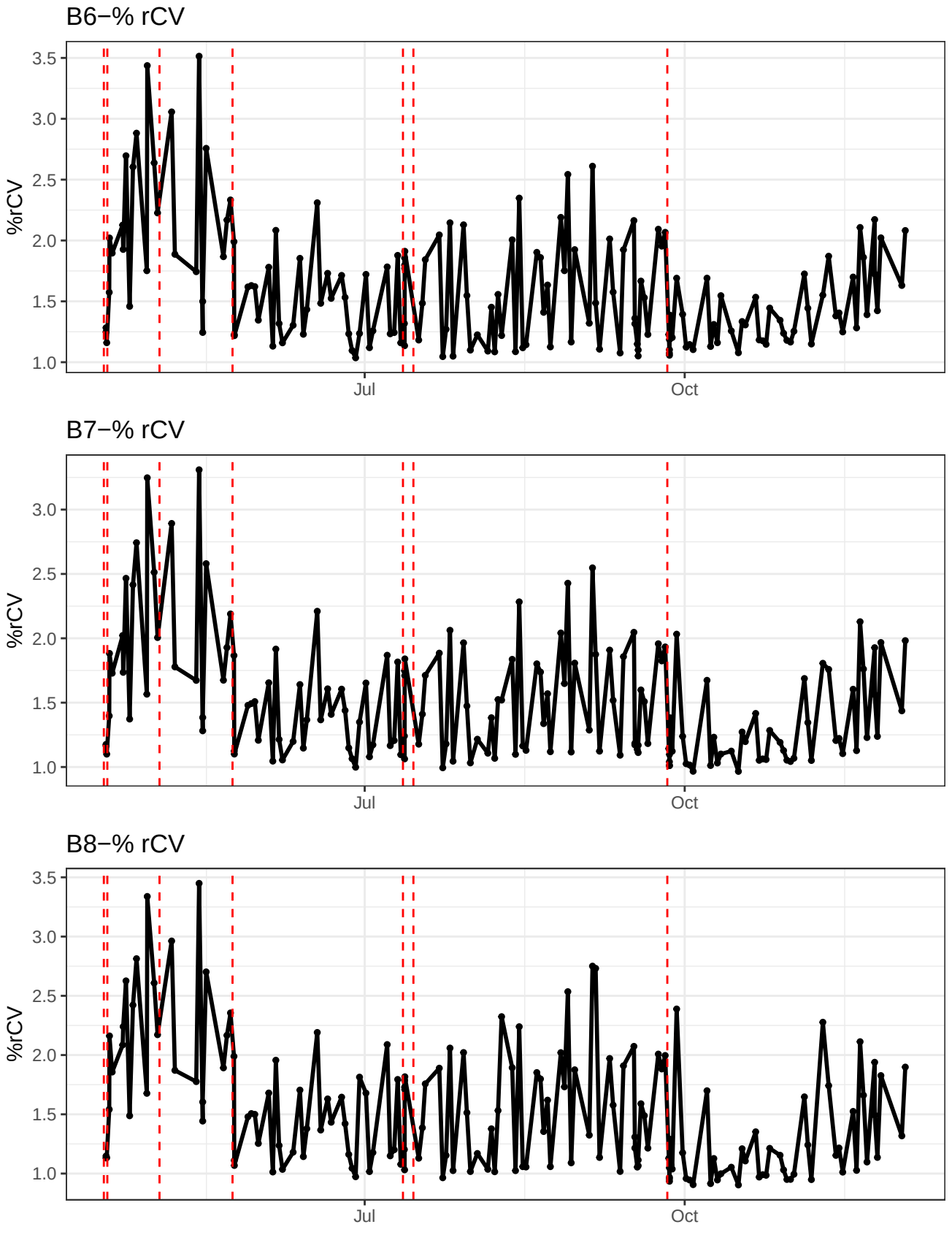

V15−% rCV
%rCV
7
6
5
4
3
2
Jul
Oct

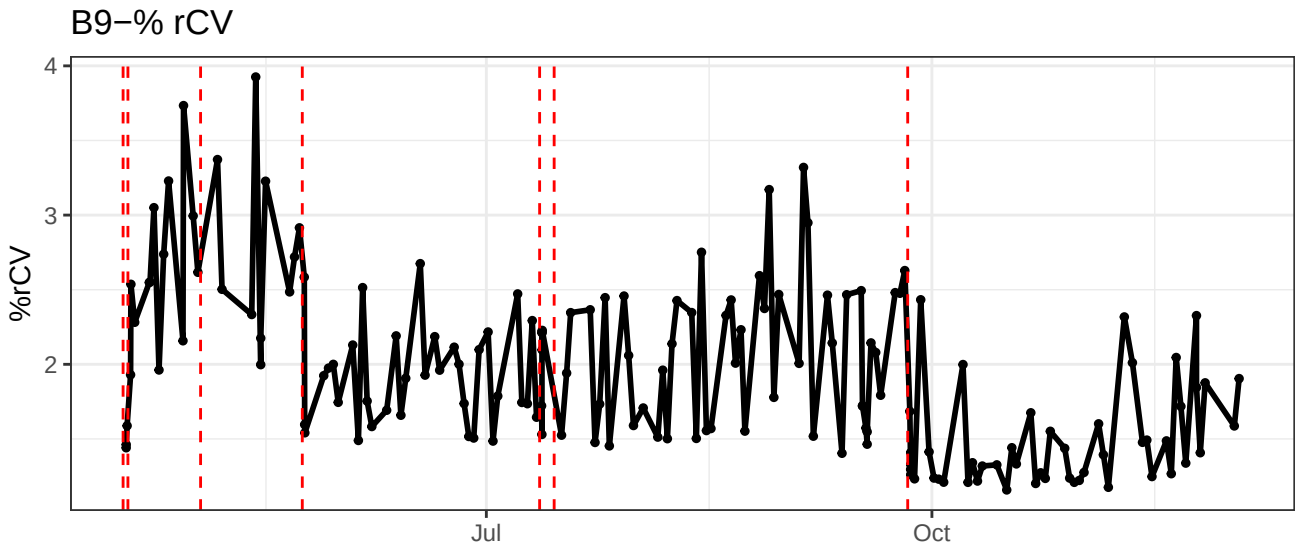

V16−% rCV
%rCV
10.0
7.5
5.0
2.5
Jul
Oct
B1−% rCV
%rCV
4.0
3.5
3.0
2.5
2.0
Jul
Oct
B2−% rCV
%rCV
3
2
Jul
Oct

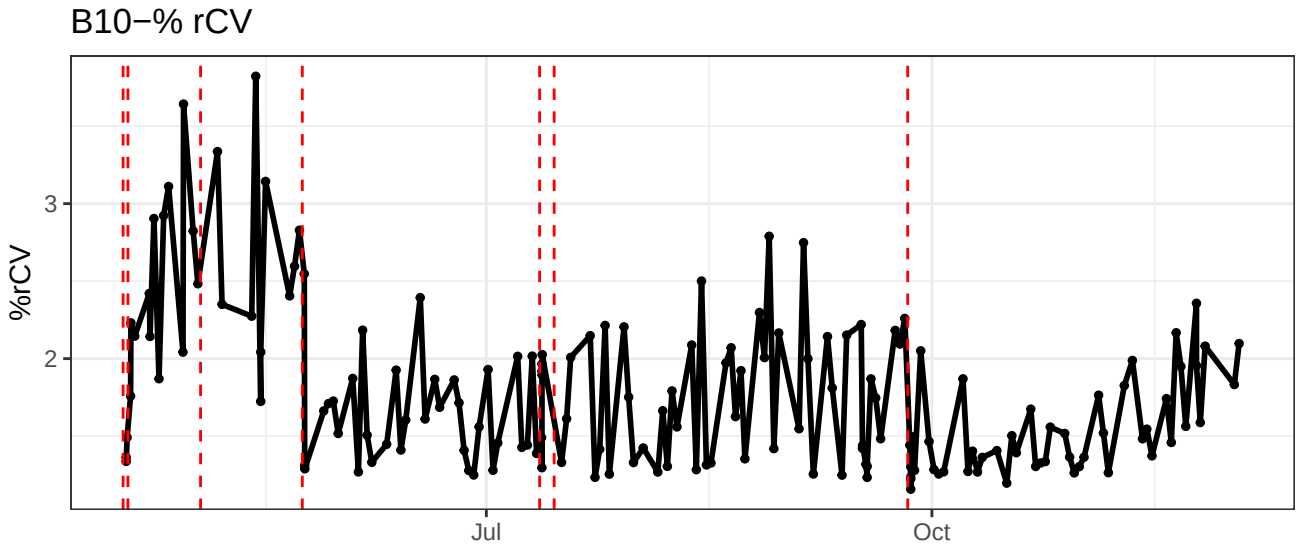

B3−% rCV
%rCV
3
2
1
Jul
Oct

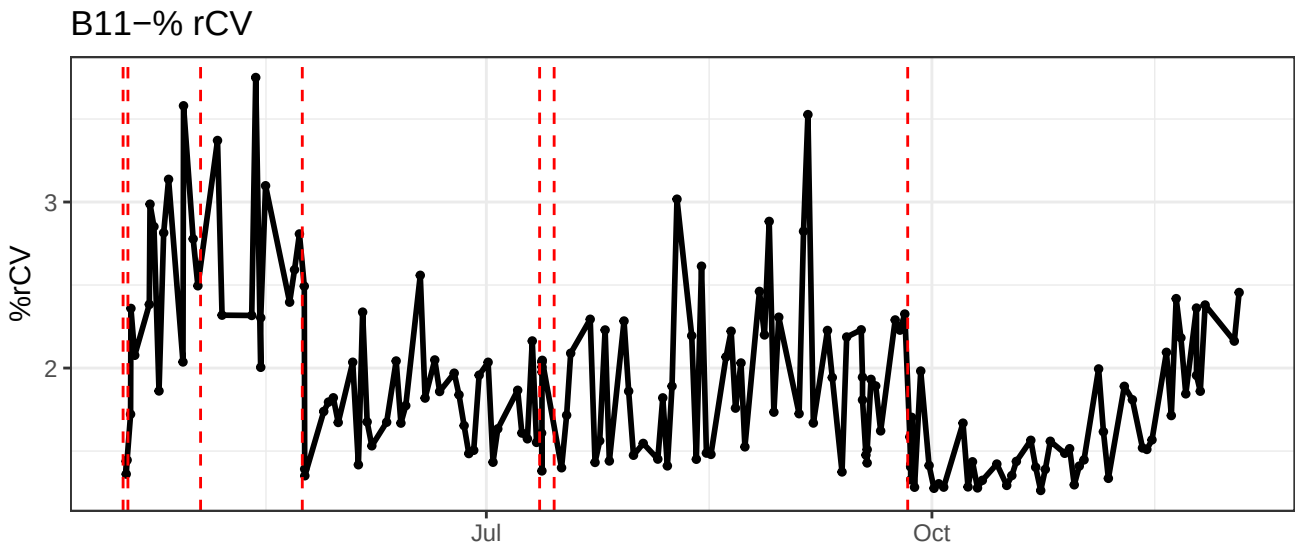

B4−% rCV
%rCV
3
2
1
Jul
Oct

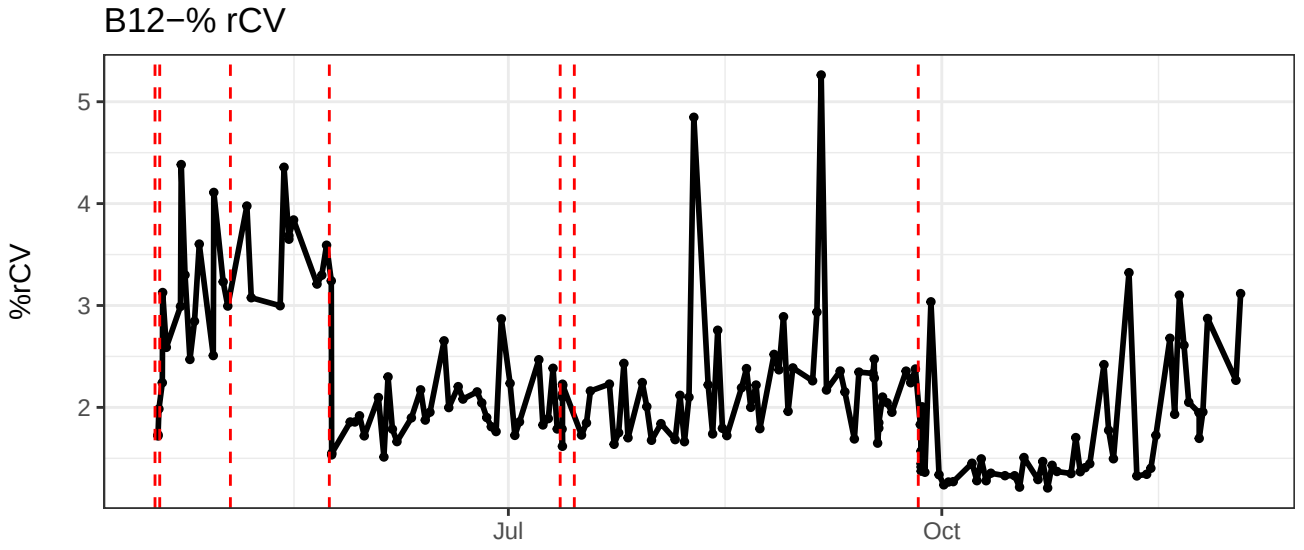

B5−% rCV
%rCV
3
2
1
Jul
Oct

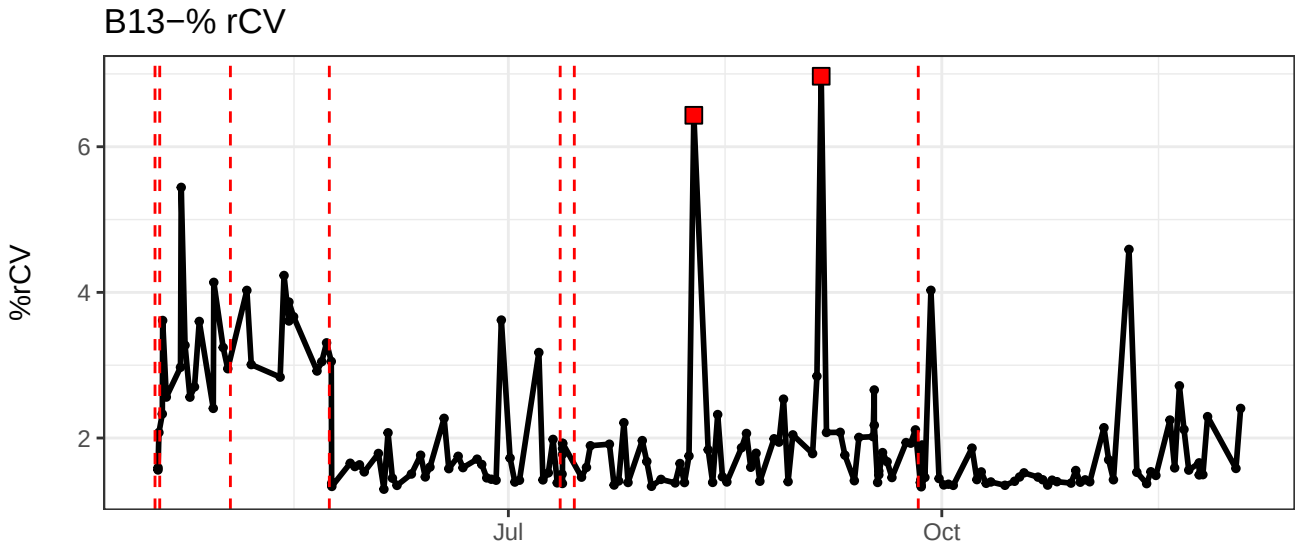

B6−% rCV
%rCV
3.5
3.0
2.5
2.0
1.5
1.0
Jul
Oct
B7−% rCV
%rCV
3.0
2.5
2.0
1.5
1.0
Jul
Oct
B8−% rCV
%rCV
3.5
3.0
2.5
2.0
1.5
1.0
Jul
Oct

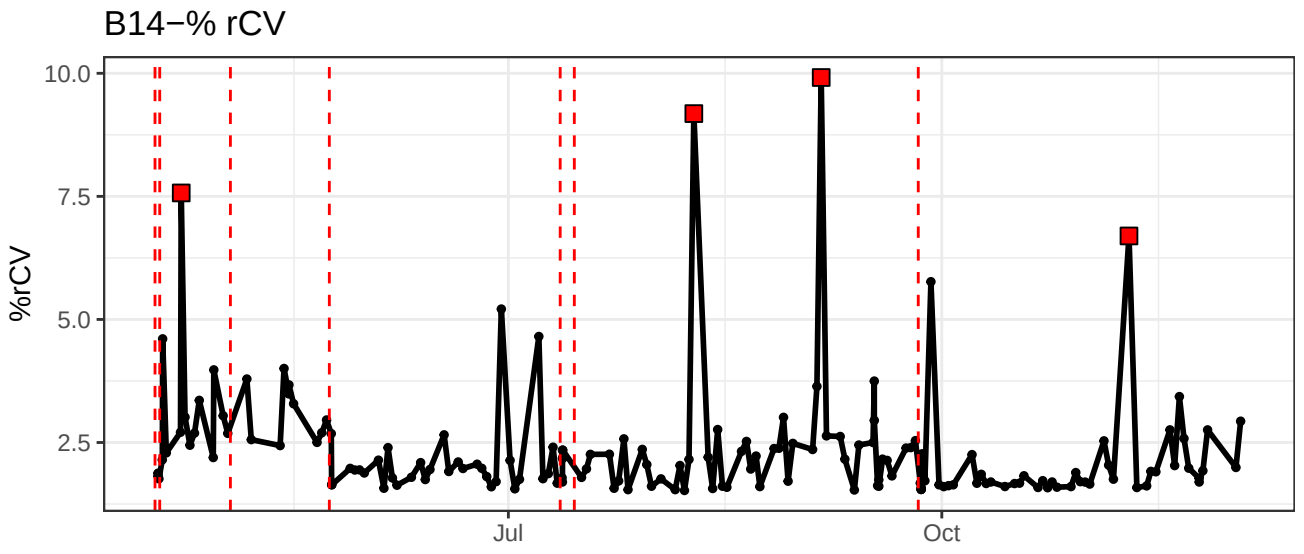

B9−% rCV
%rCV
4
3
2
Jul
Oct

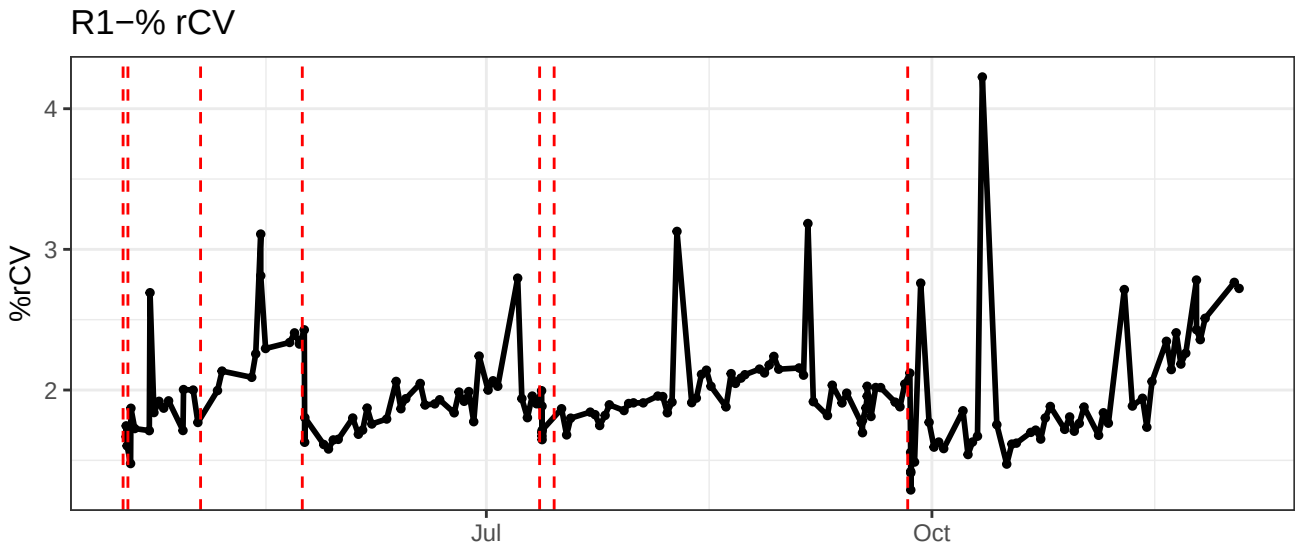

B10−% rCV
%rCV
3
2
Jul
Oct

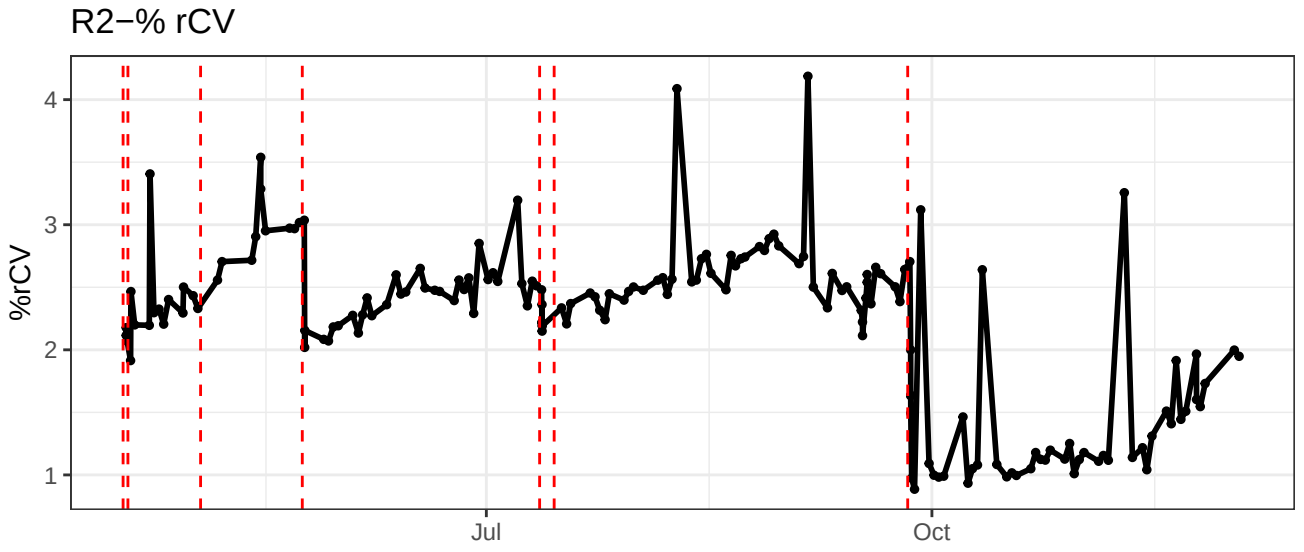

B11−% rCV
%rCV
3
2
Jul
Oct

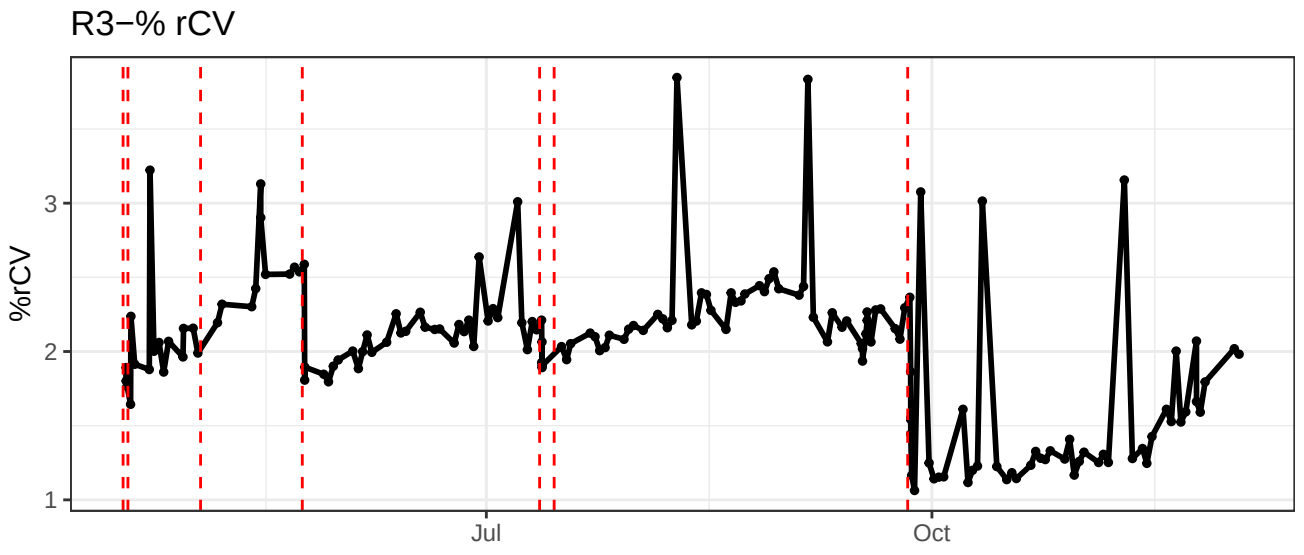

B12−% rCV
%rCV
5
4
3
2
Jul
Oct

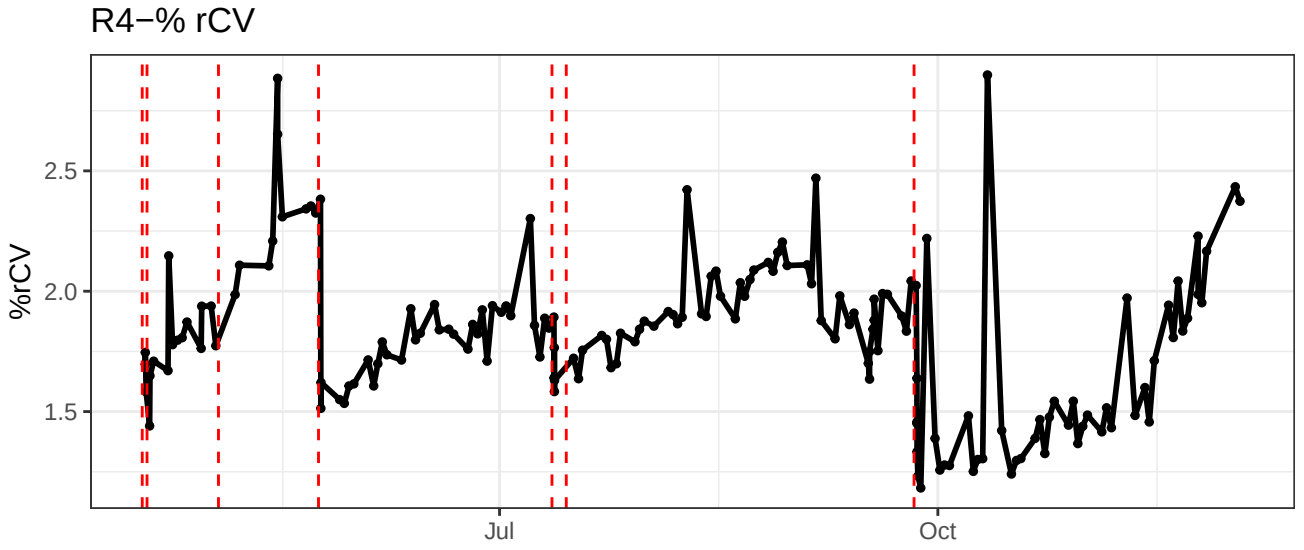

B13−% rCV
%rCV
6
4
2
Jul
Oct

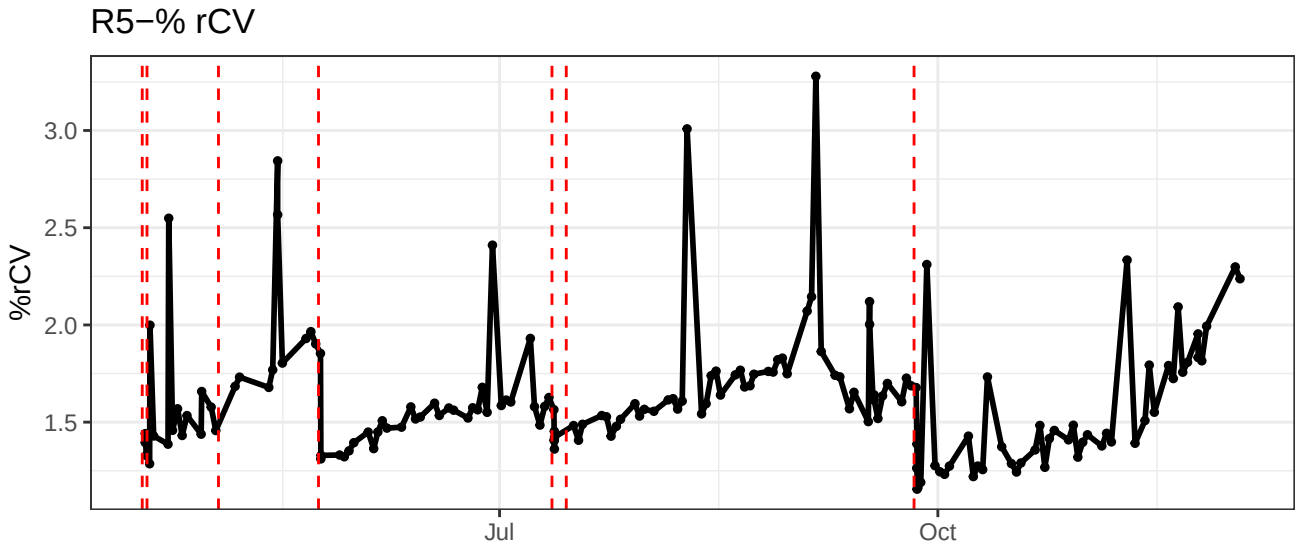

B14−% rCV
%rCV
10.0
7.5
5.0
2.5
Jul
Oct

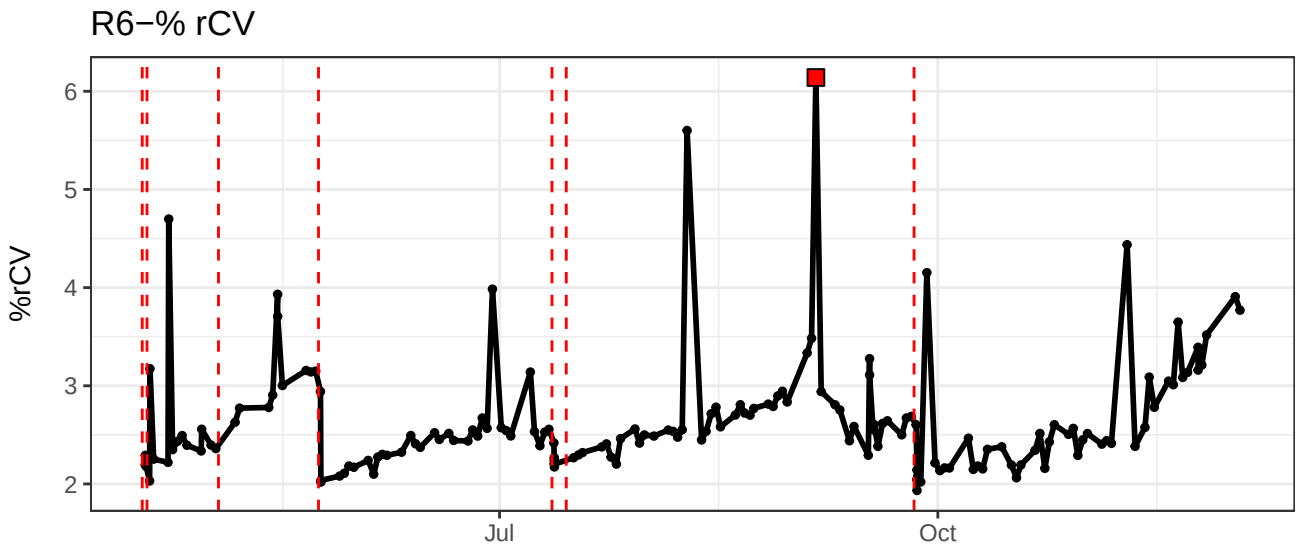

R1−% rCV
%rCV
4
3
2
Jul
Oct

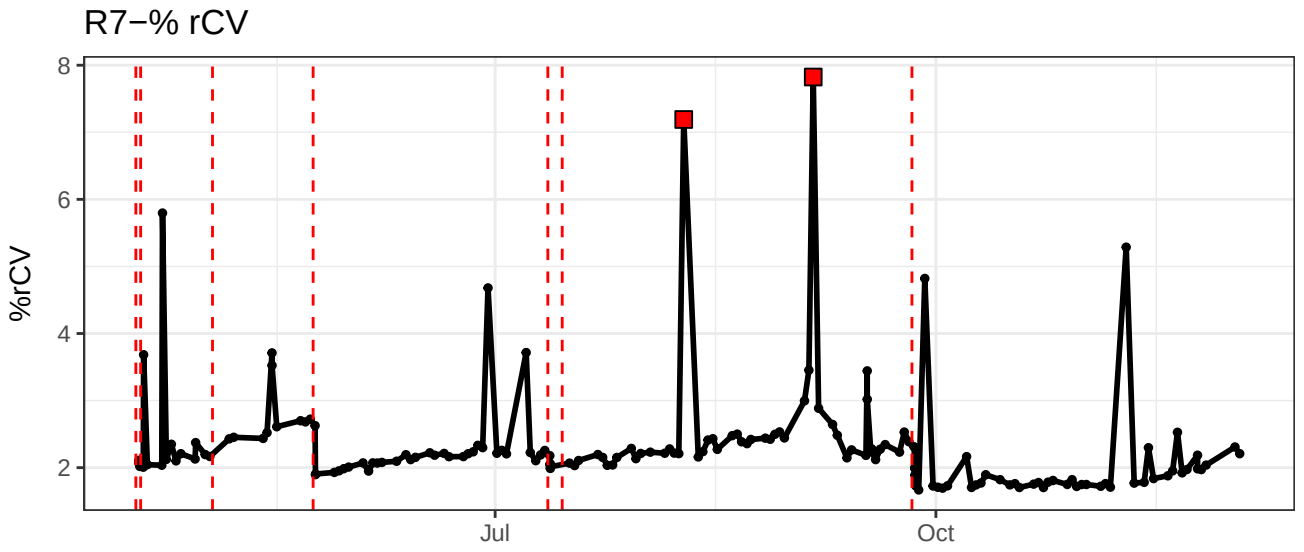

R2−% rCV
%rCV
4
3
2
1
Jul
Oct

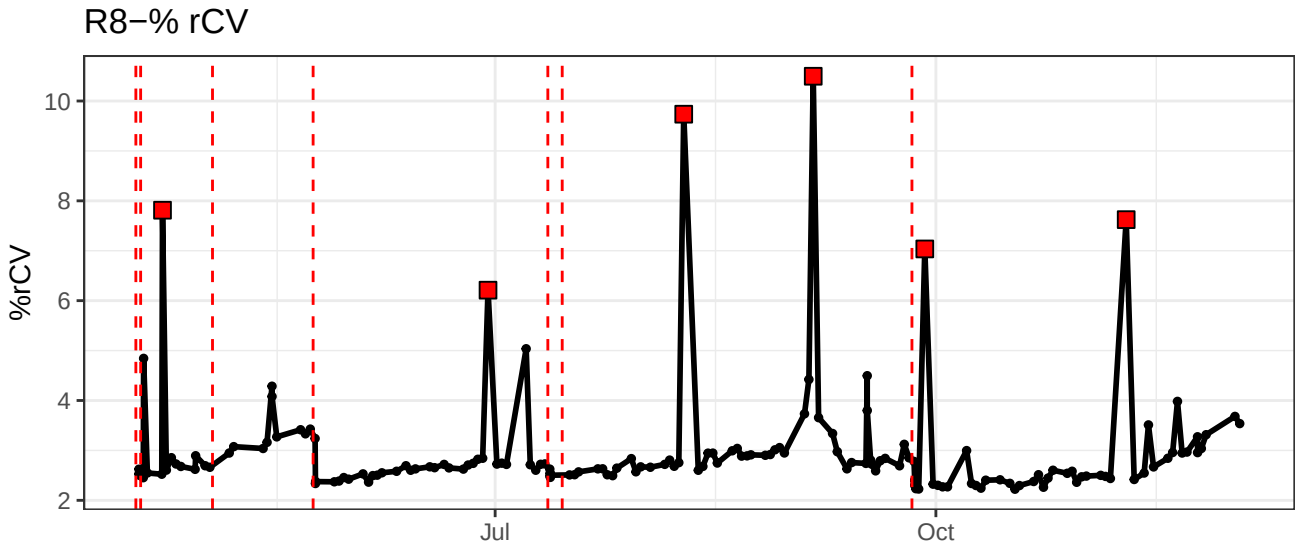

R3−% rCV
%rCV
3
2
1
Jul
Oct

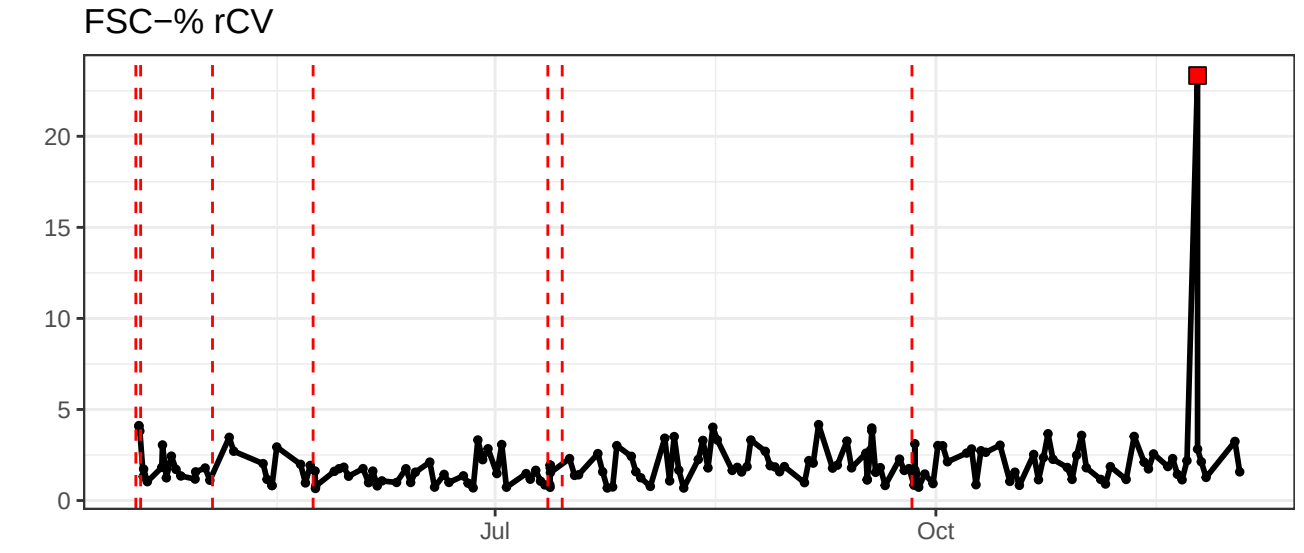

R4−% rCV
%rCV
2.5
2.0
1.5
Jul
Oct


R5−% rCV
%rCV
3.0
2.5
2.0
1.5
Jul
Oct

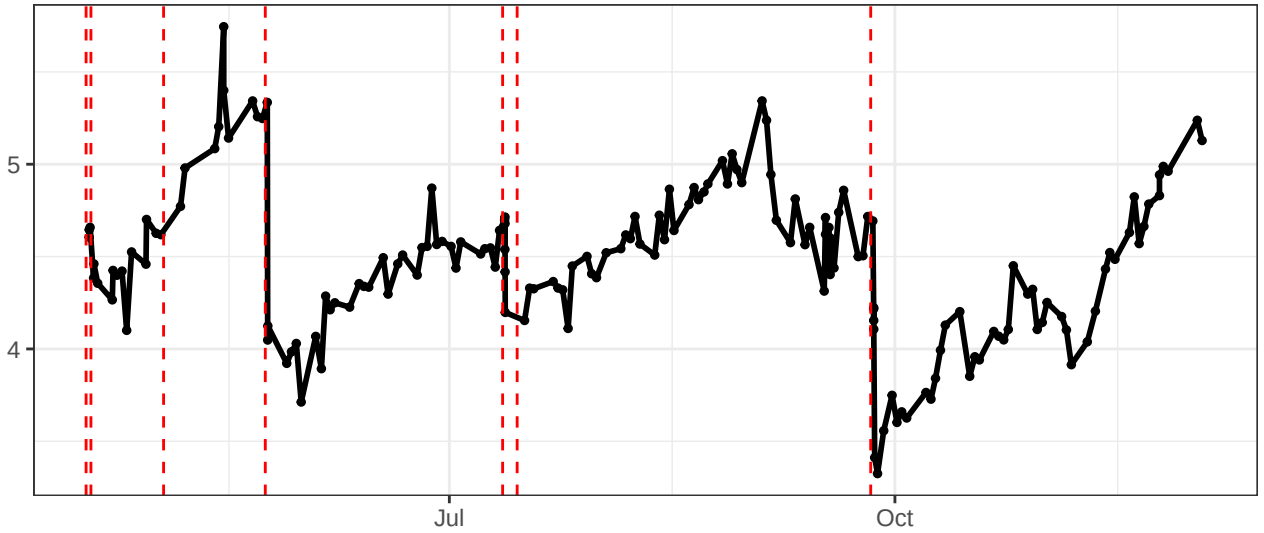
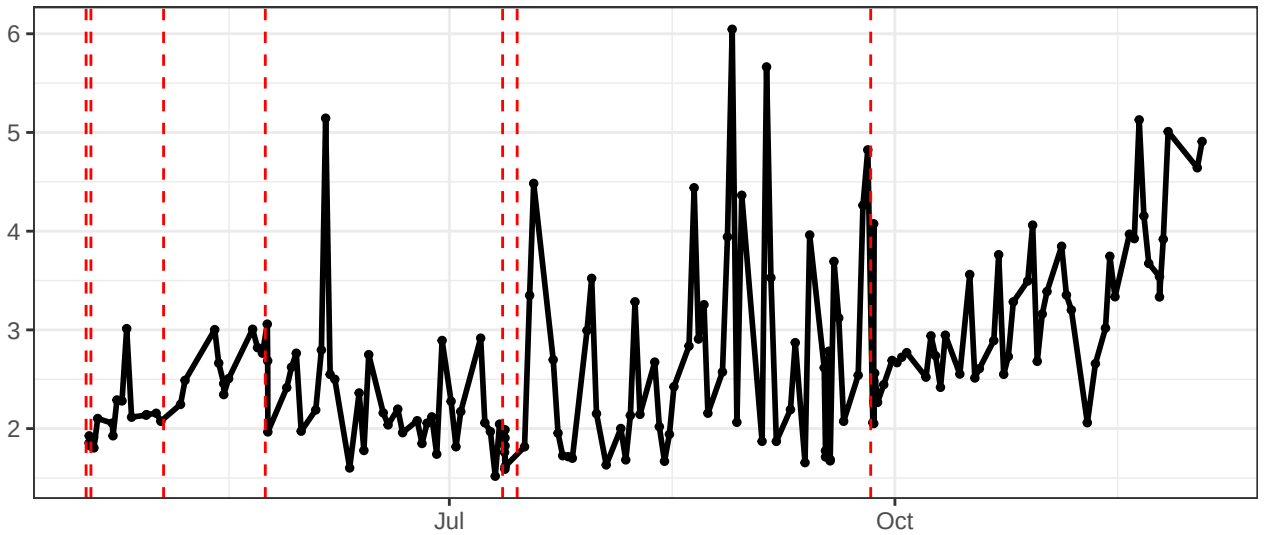

R6−% rCV
%rCV
6
5
4
3
2
Jul
Oct


R7−% rCV
%rCV
8
6
4
2
Jul
Oct


R8−% rCV
%rCV
10
8
6
4
2
Jul
Oct


FSC−% rCV
20
15
10
5
0
Jul
Oct

SSC−% rCV



SSC−B−% rCV