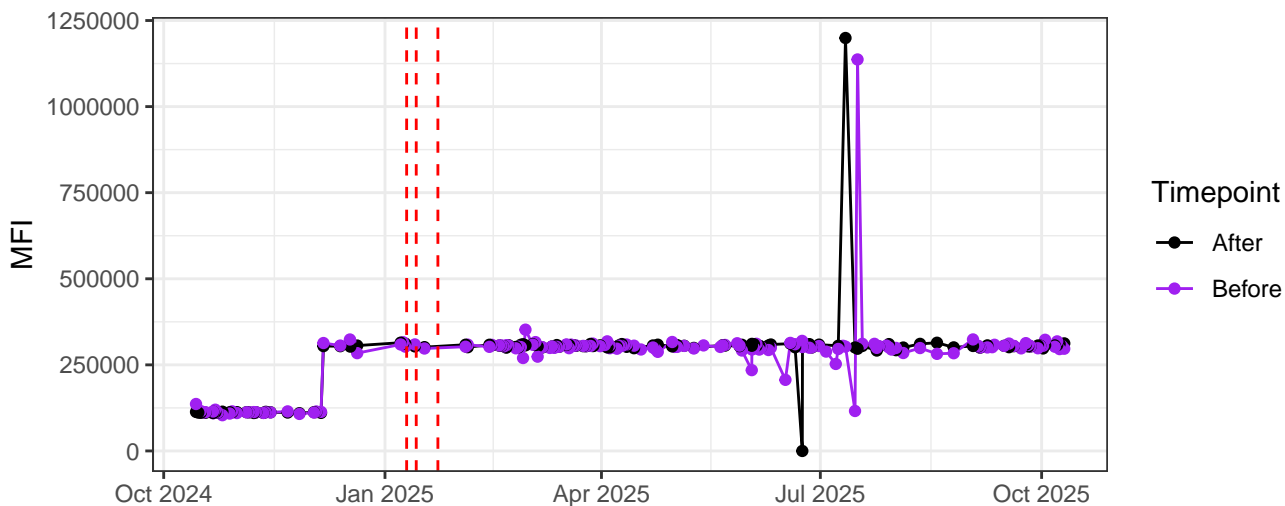
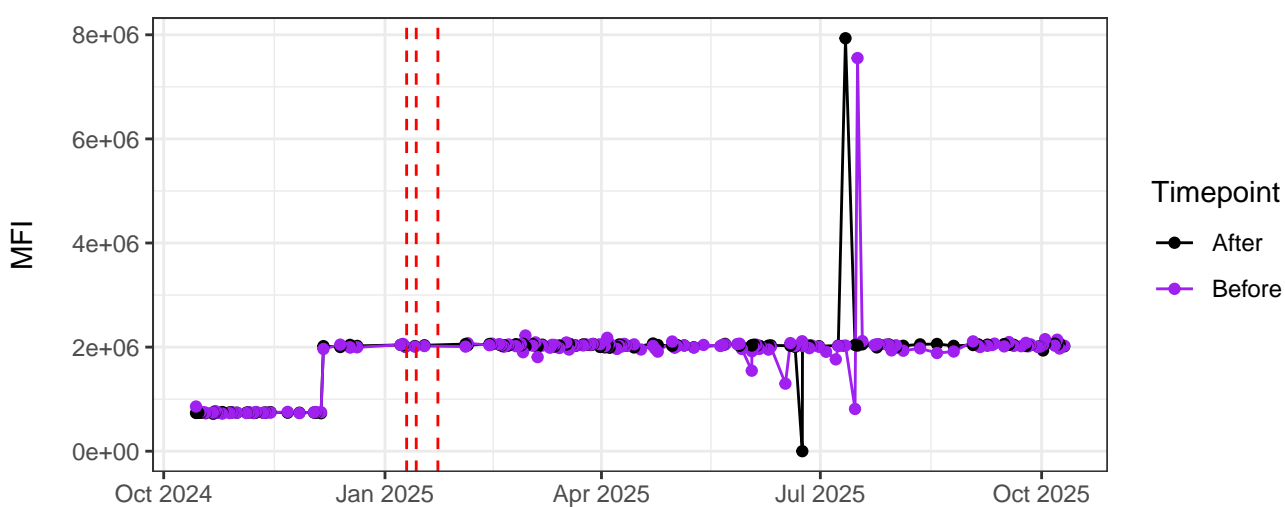


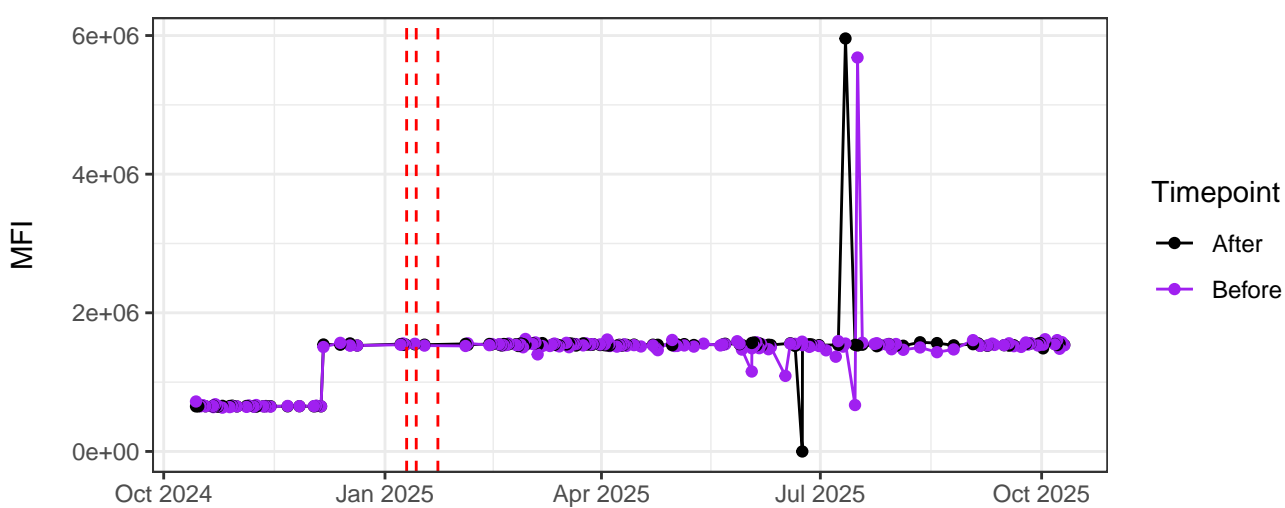
UV1-A



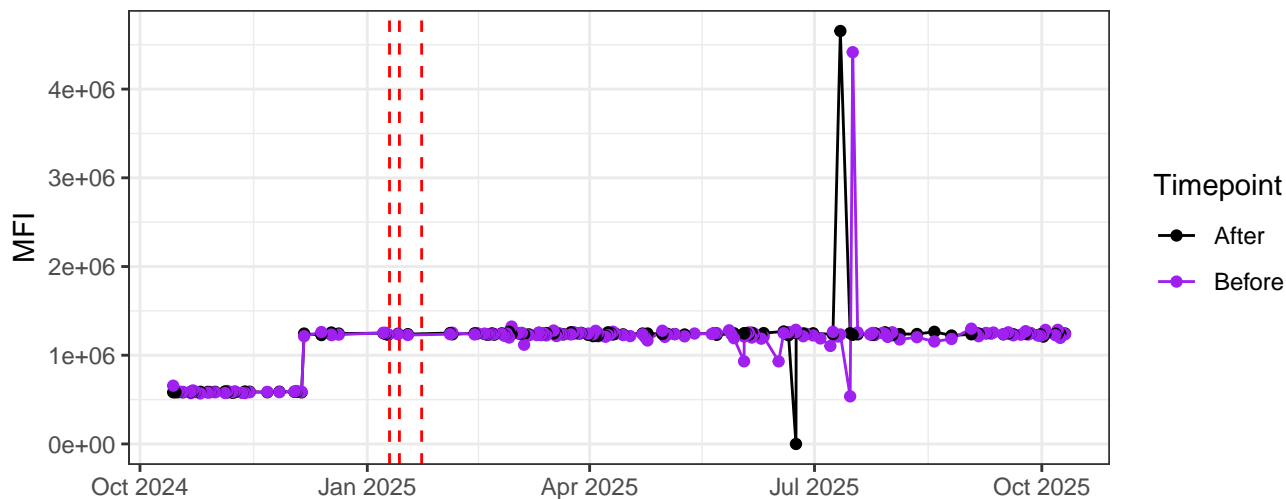
UV2-A



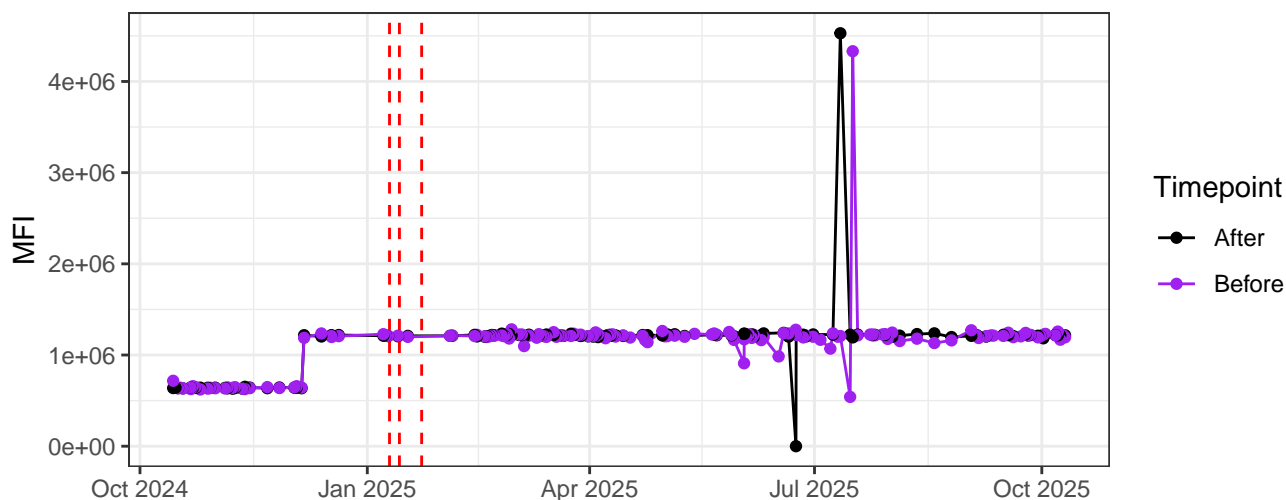
UV3-A



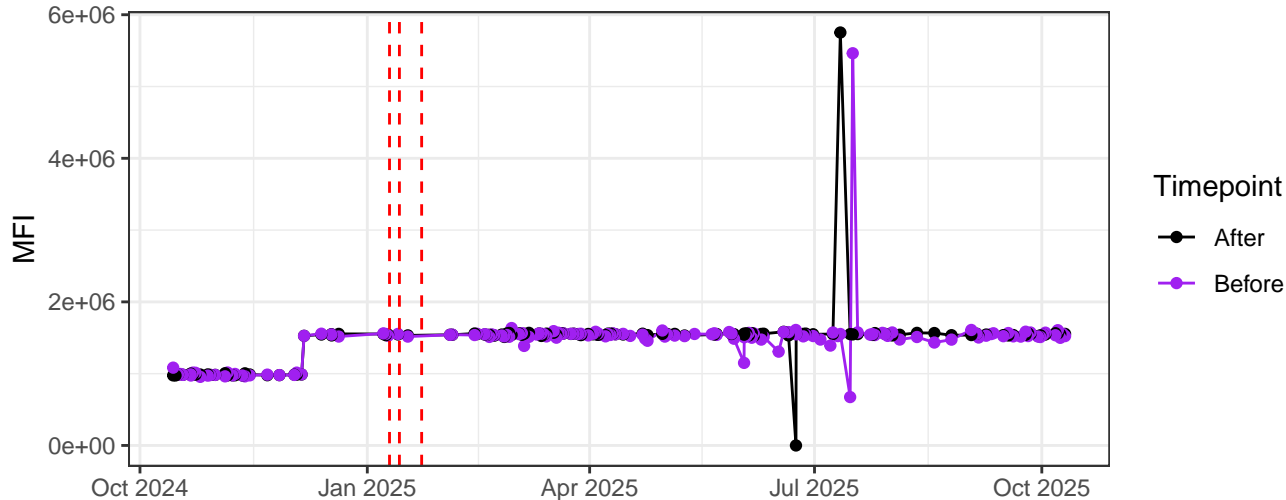
UV4-A



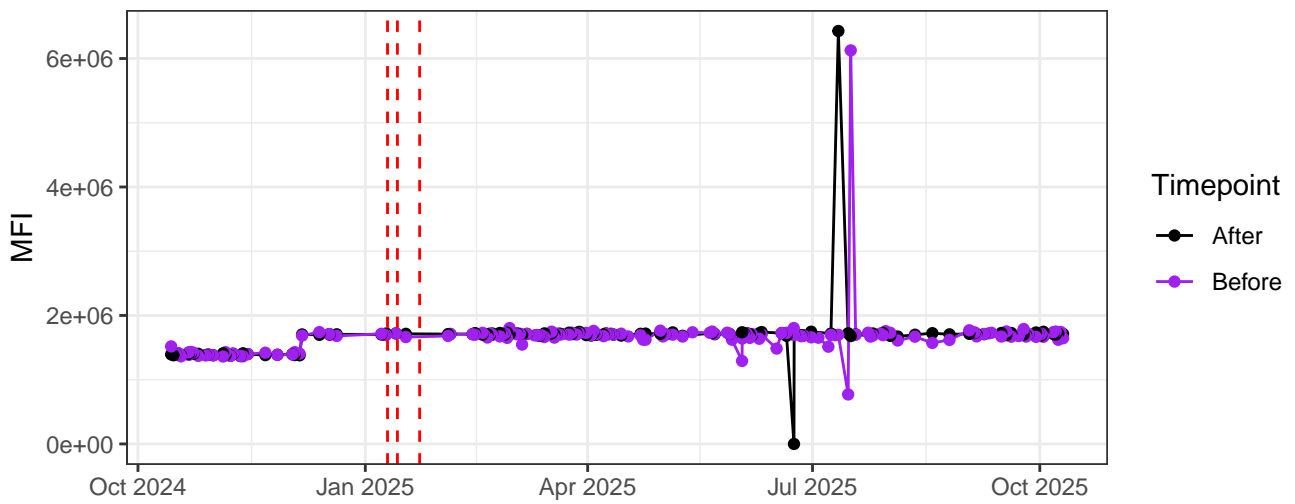
UV5-A



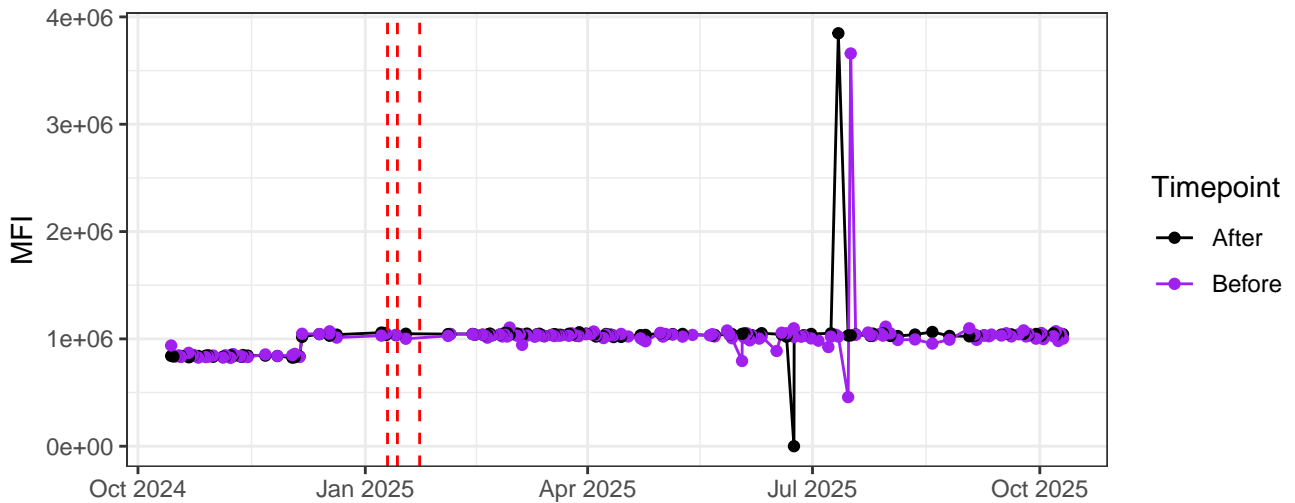
UV6-A



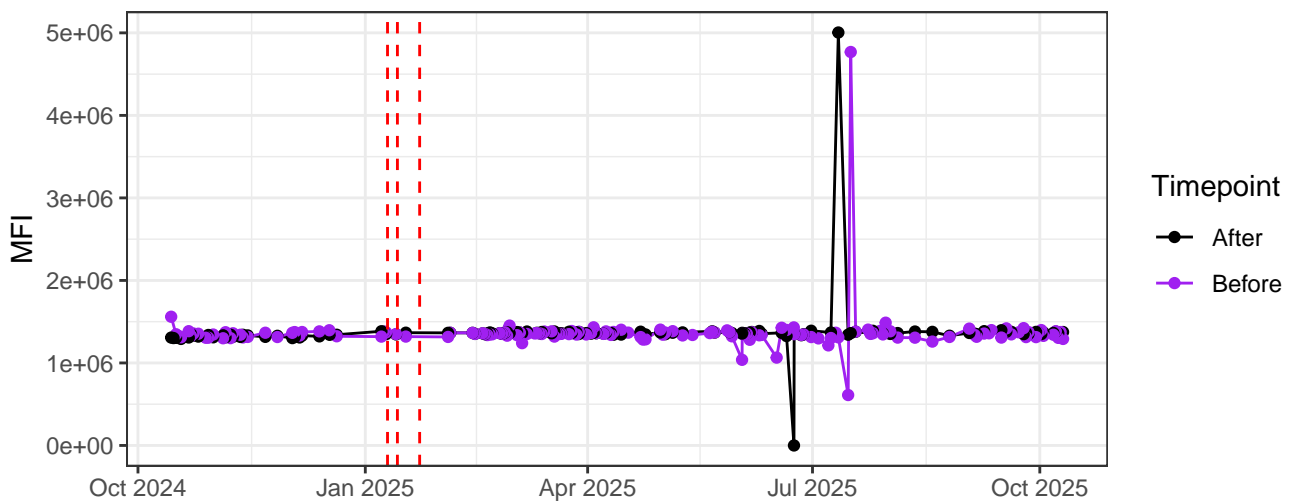
UV7-A



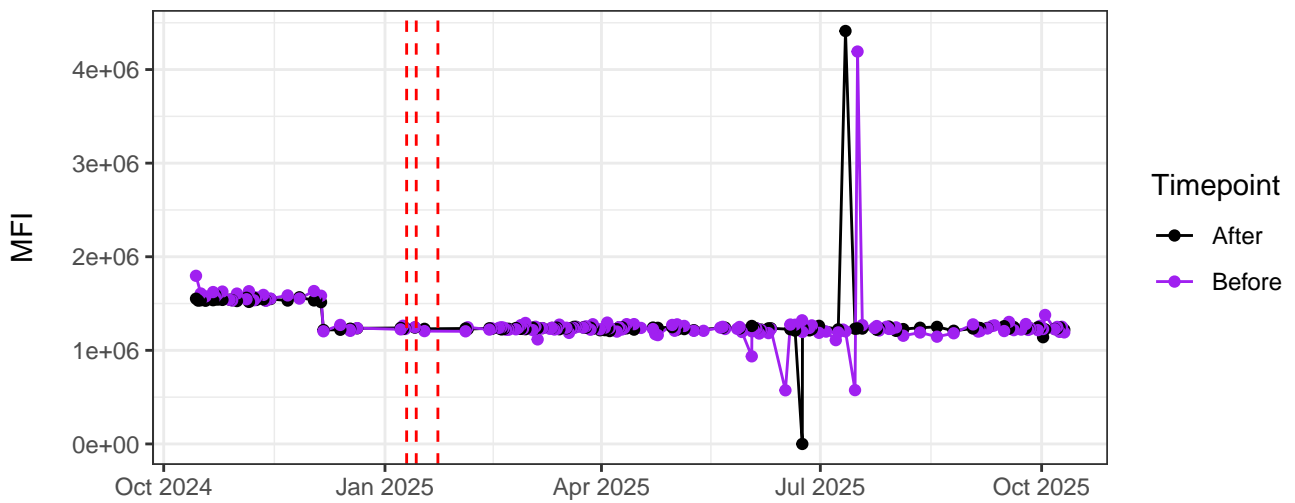
UV8-A



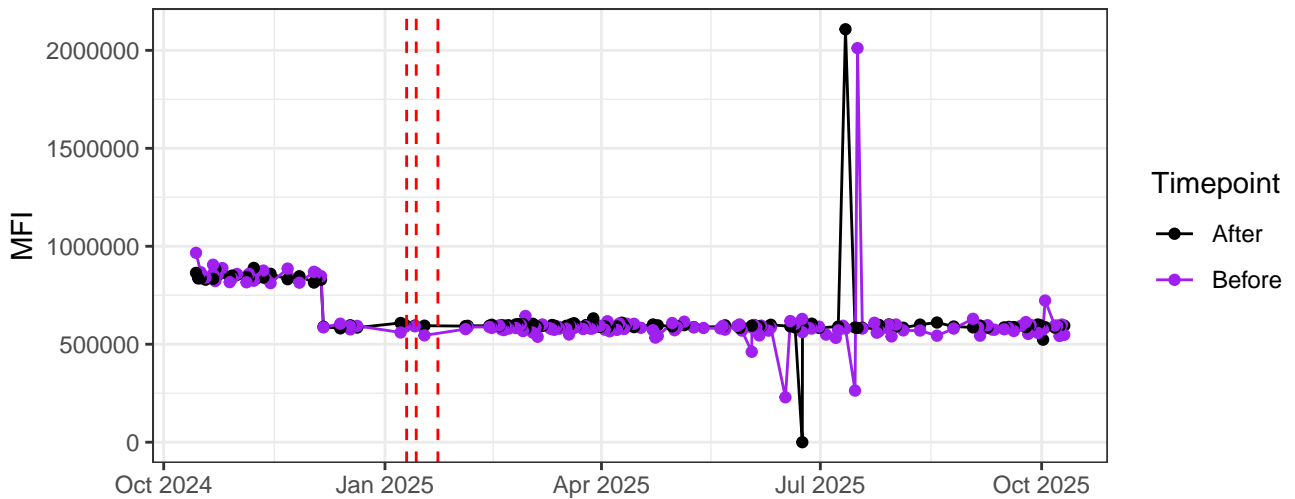
UV9-A



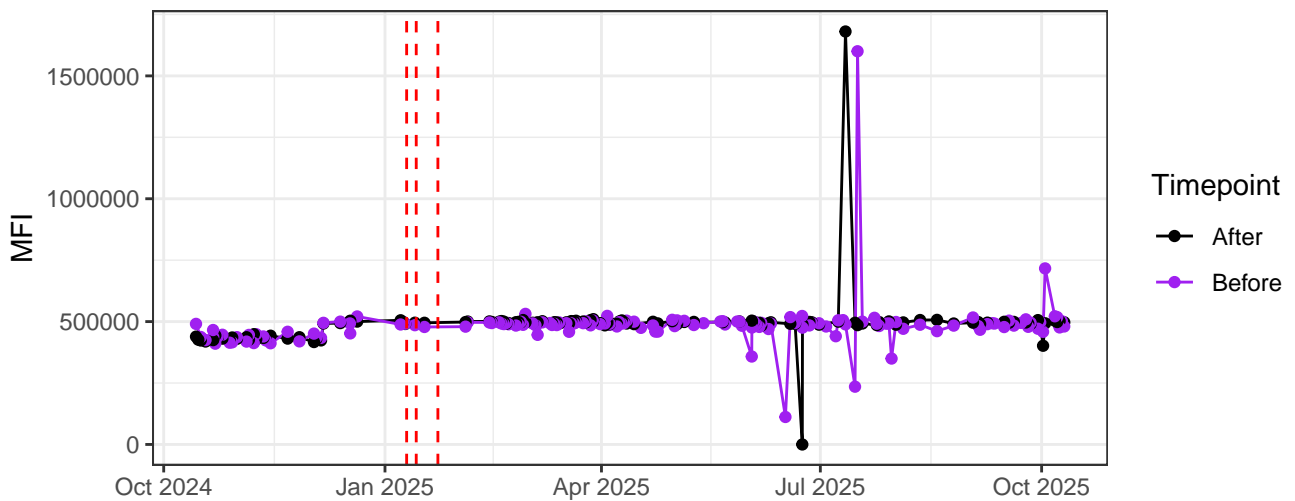
UV10-A



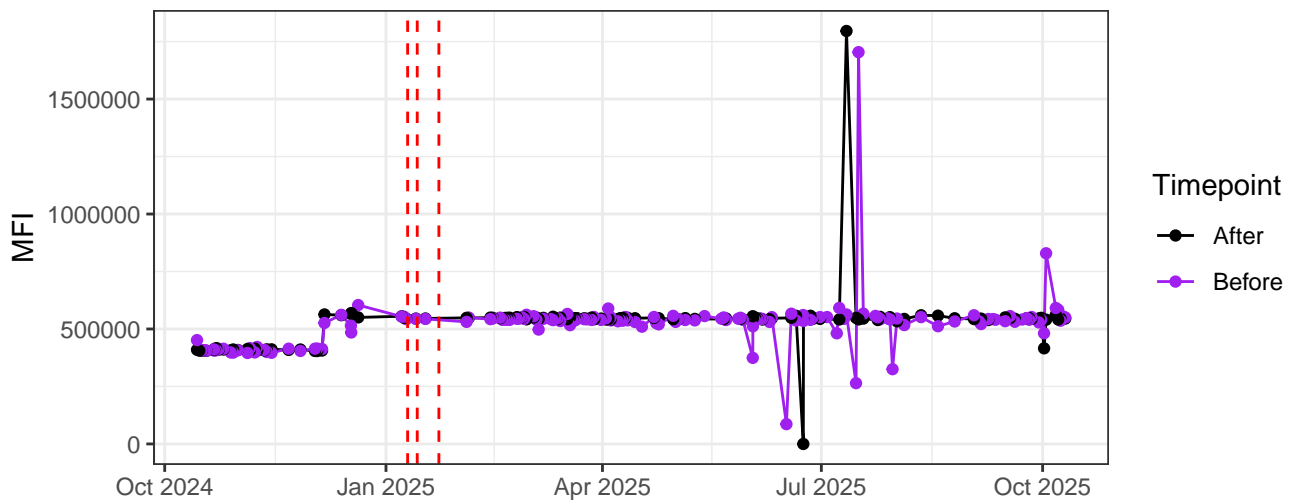
UV11-A



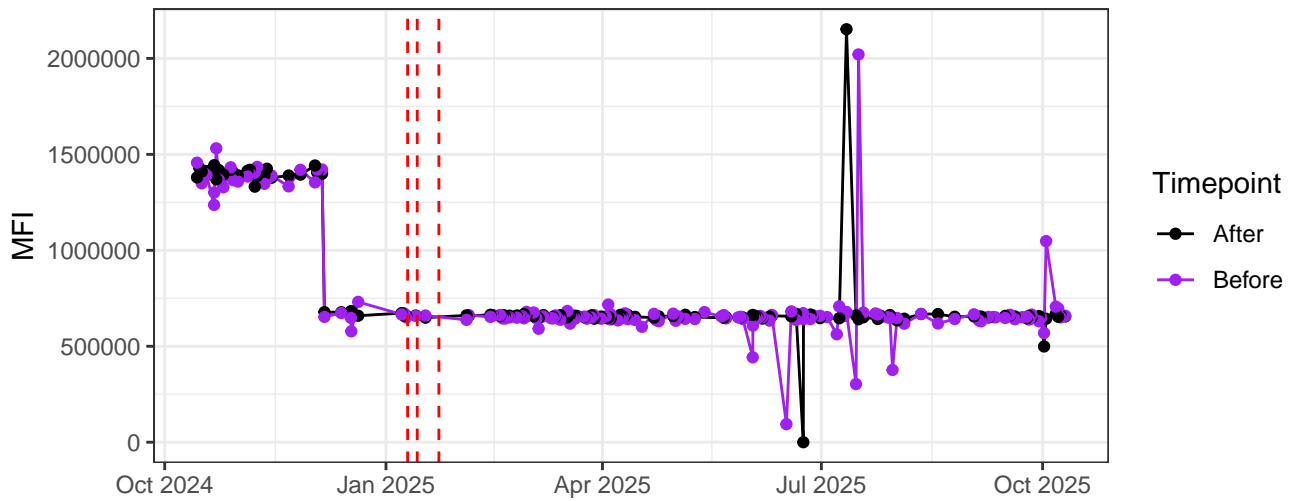
UV12-A



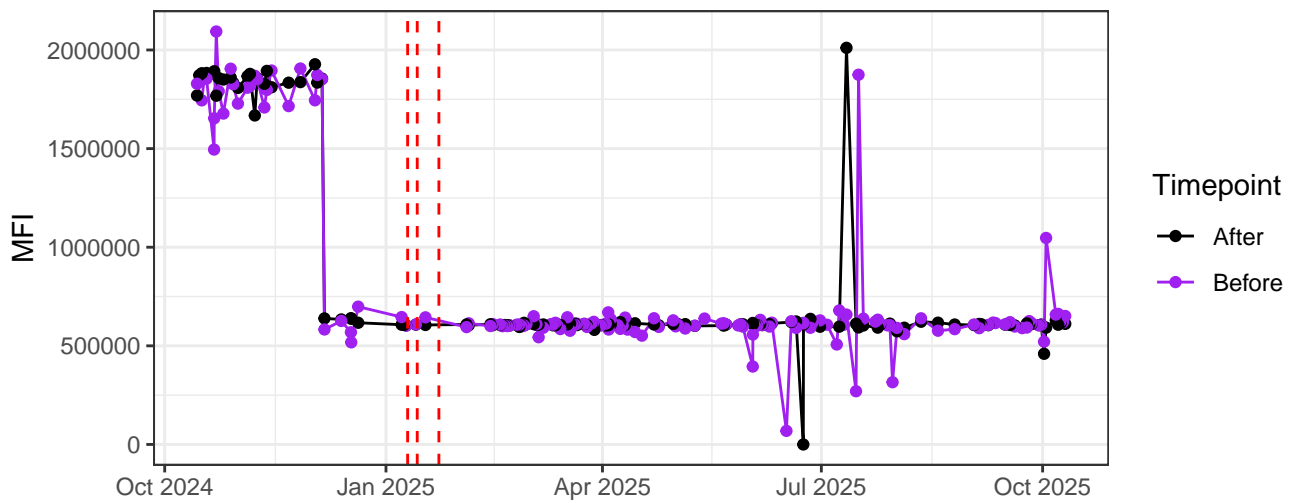
### UV13-A



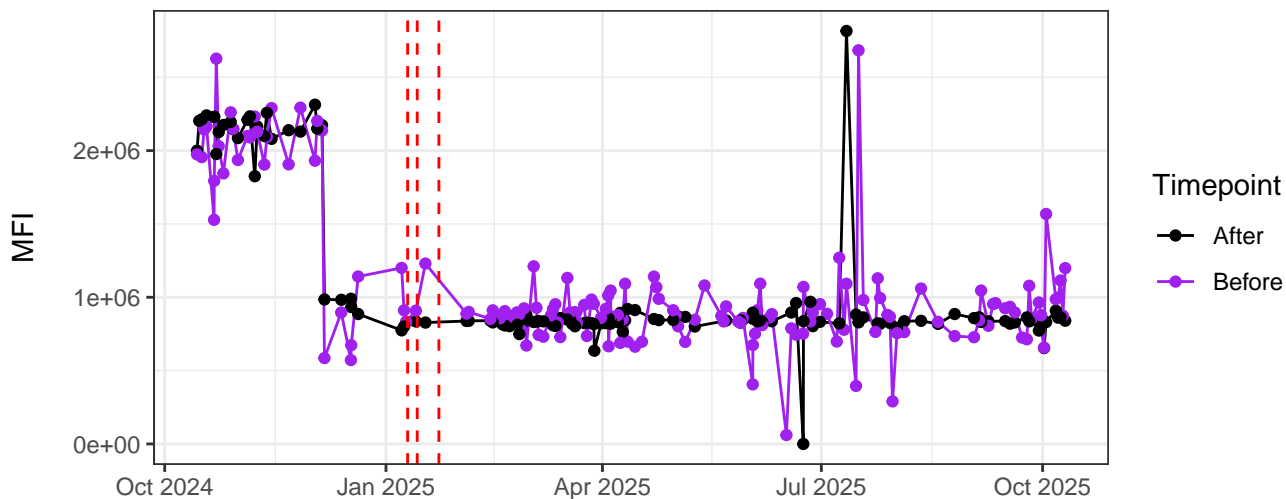
### UV14-A



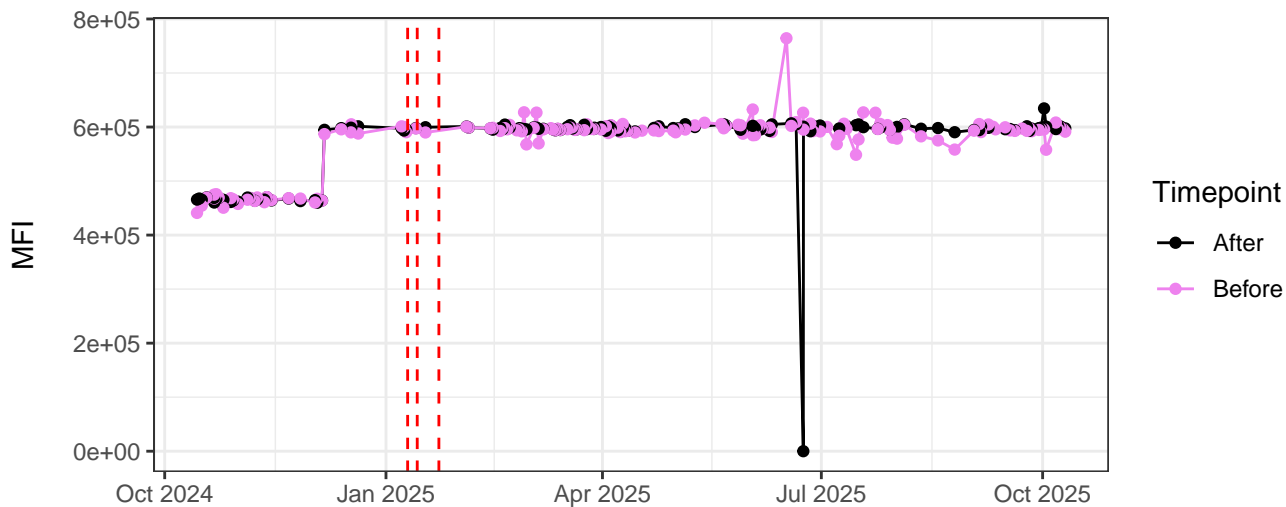
### UV15-A



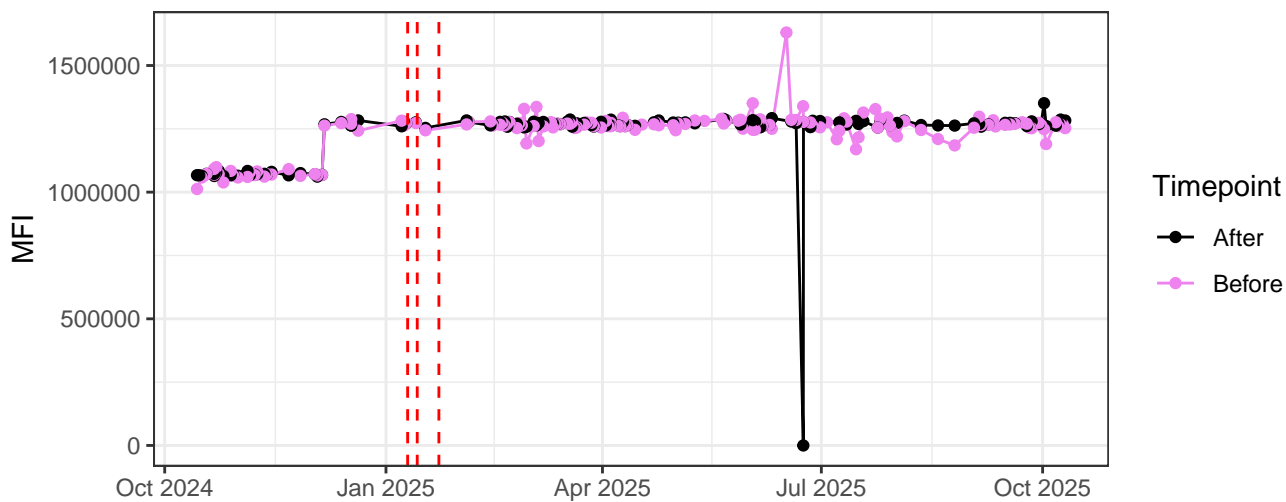
UV16-A



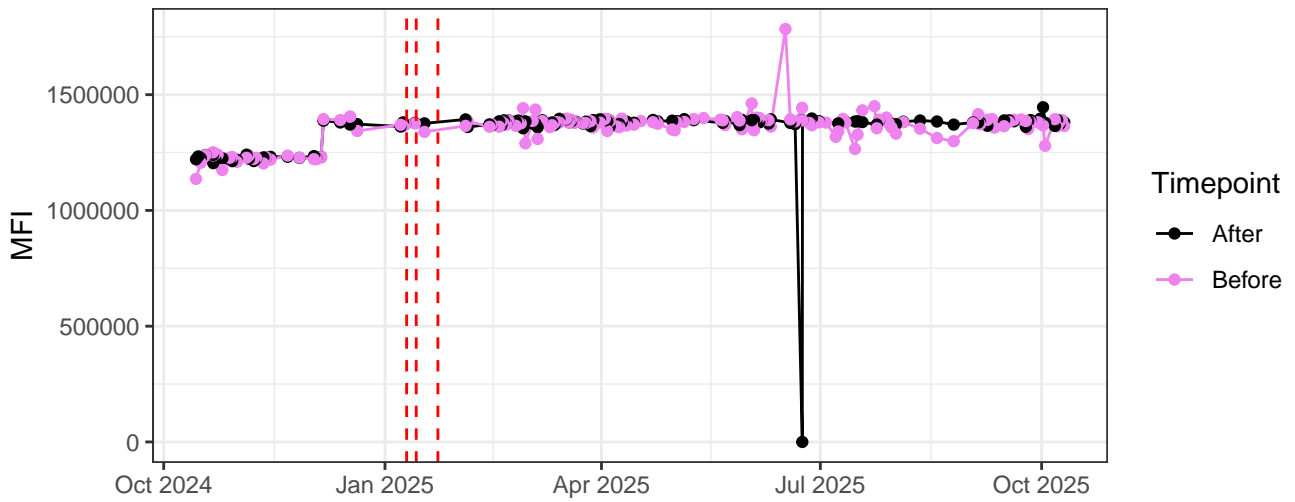
V1-A



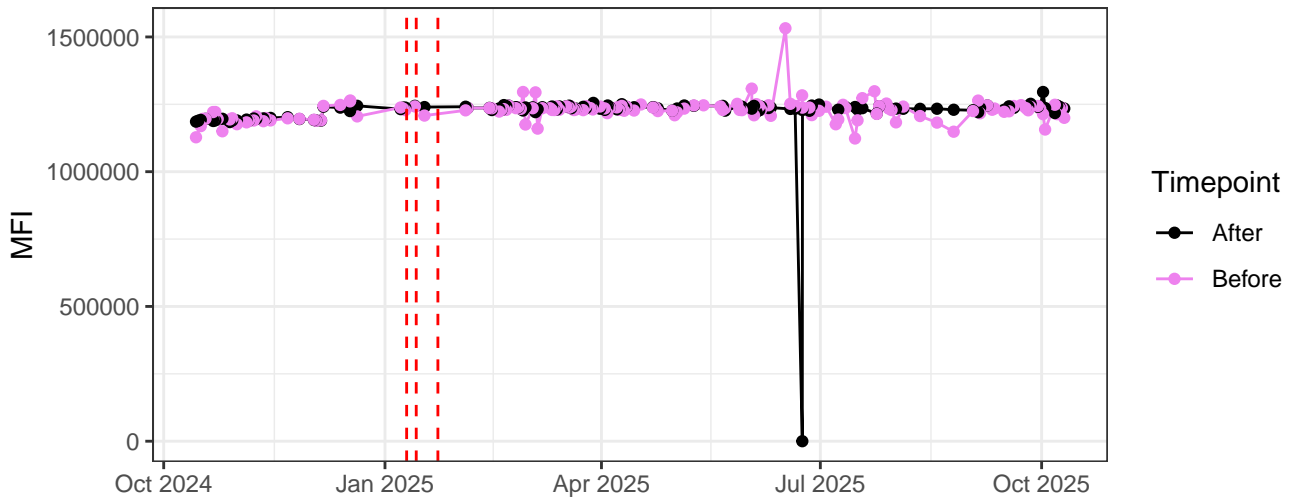
V2-A



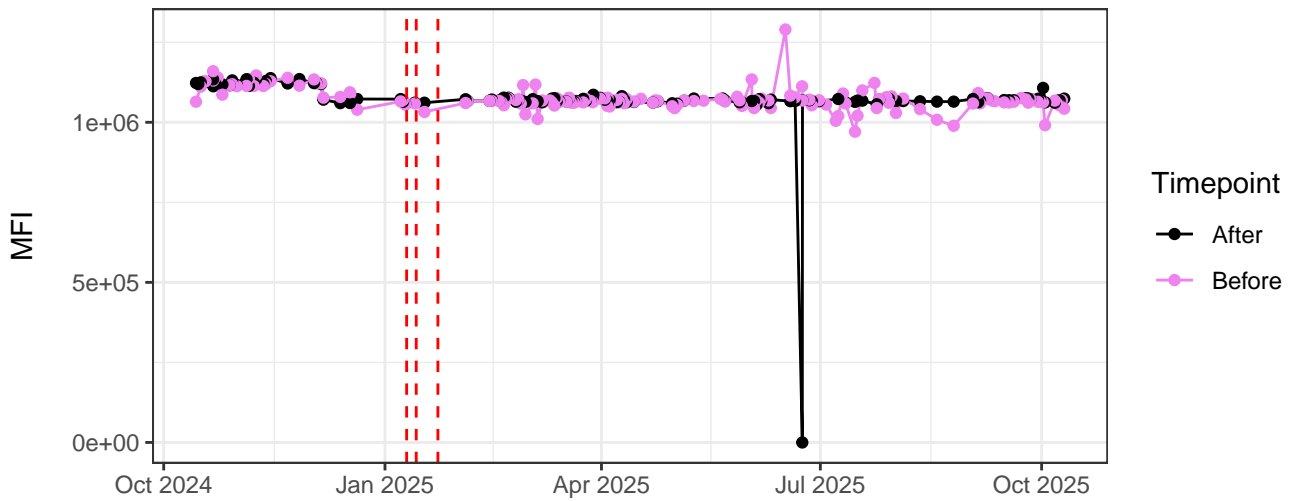
V3-A



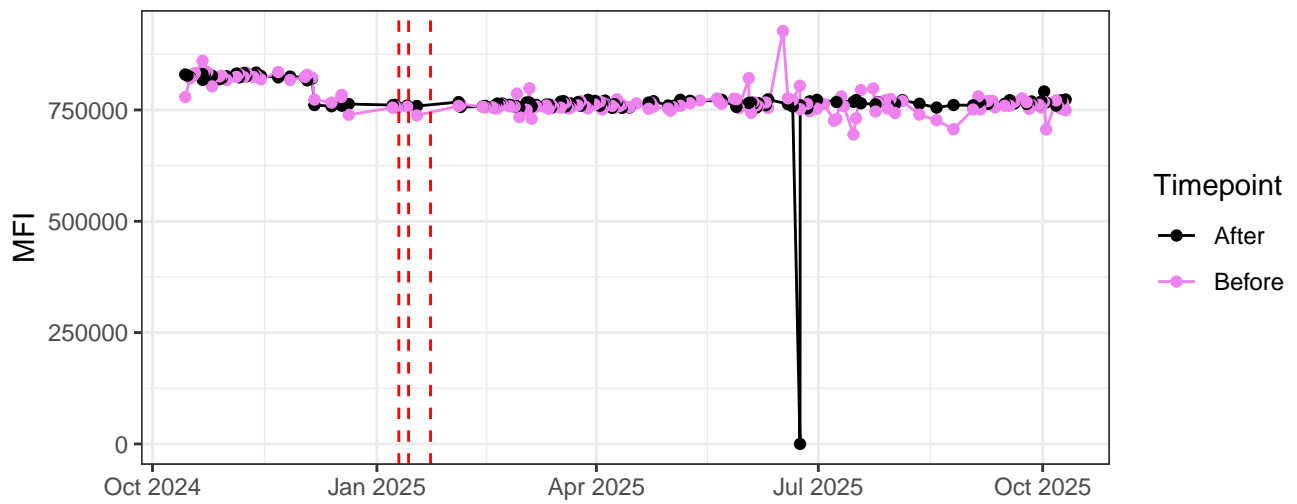
V4-A



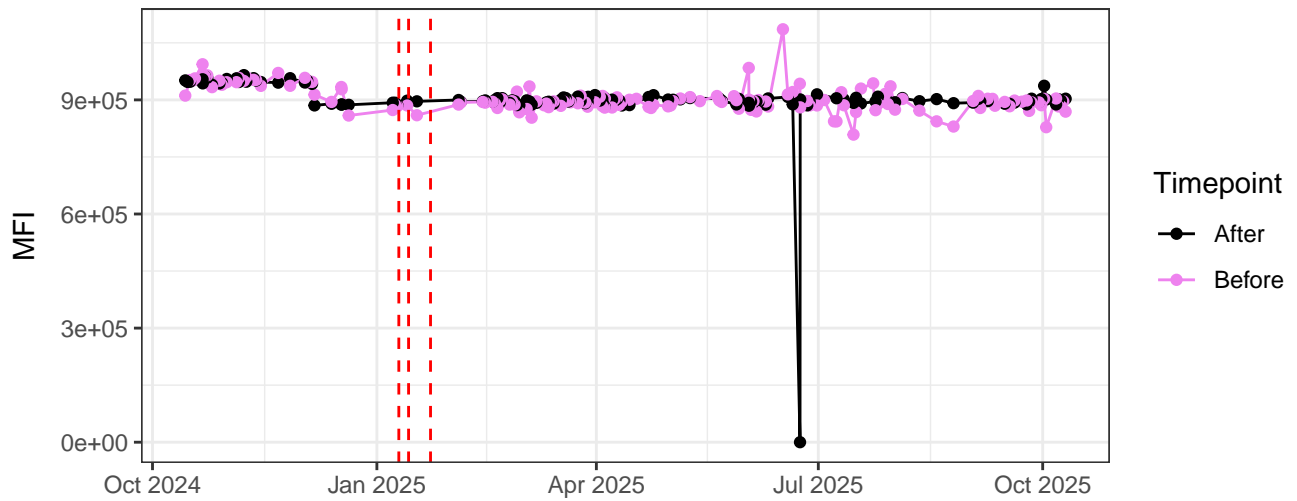
V5-A



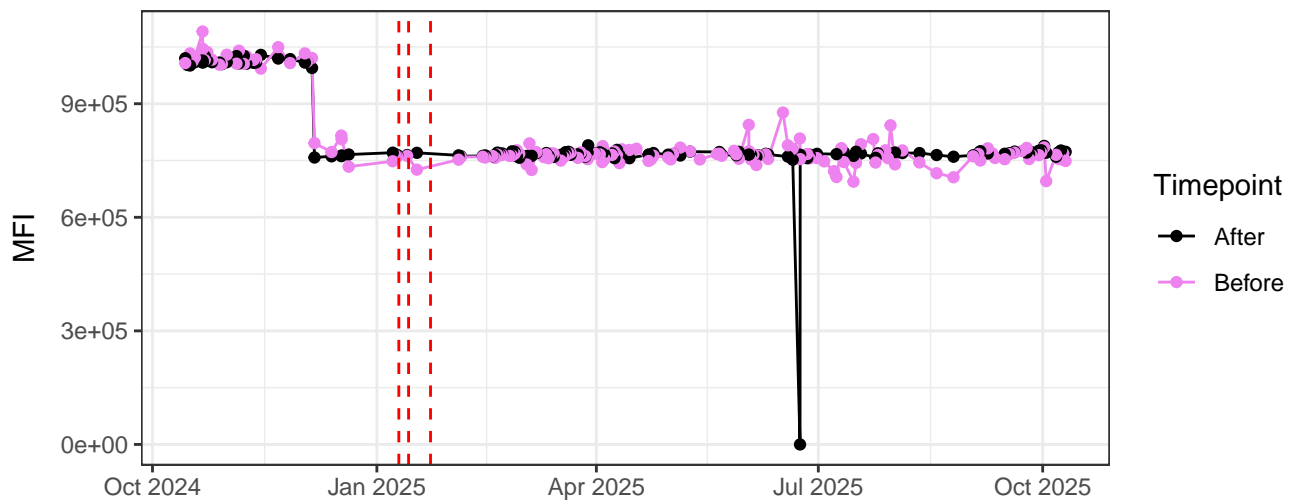
V6-A



V7-A

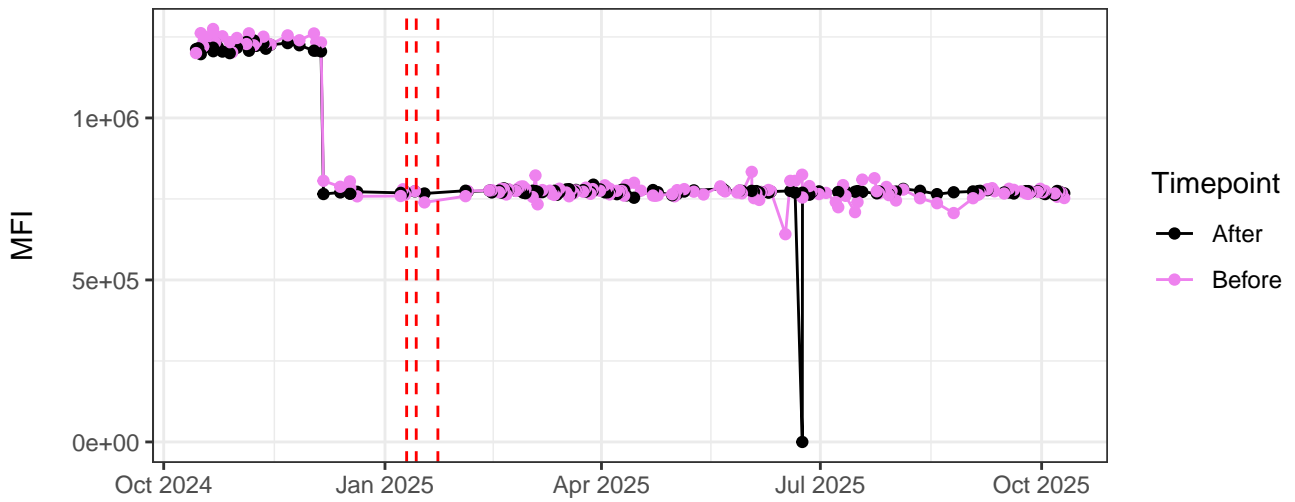


V8-A

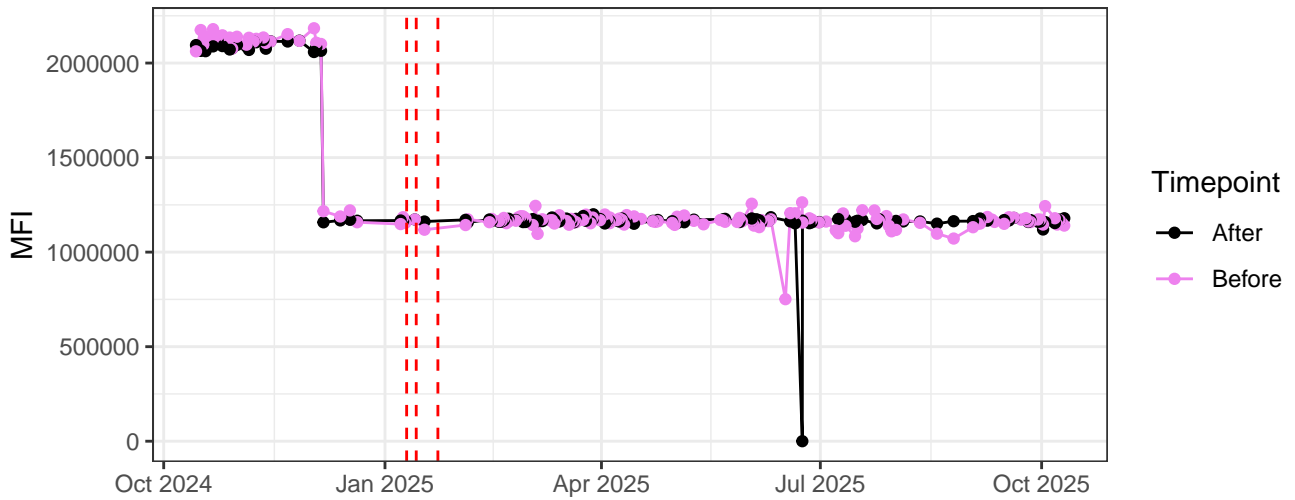




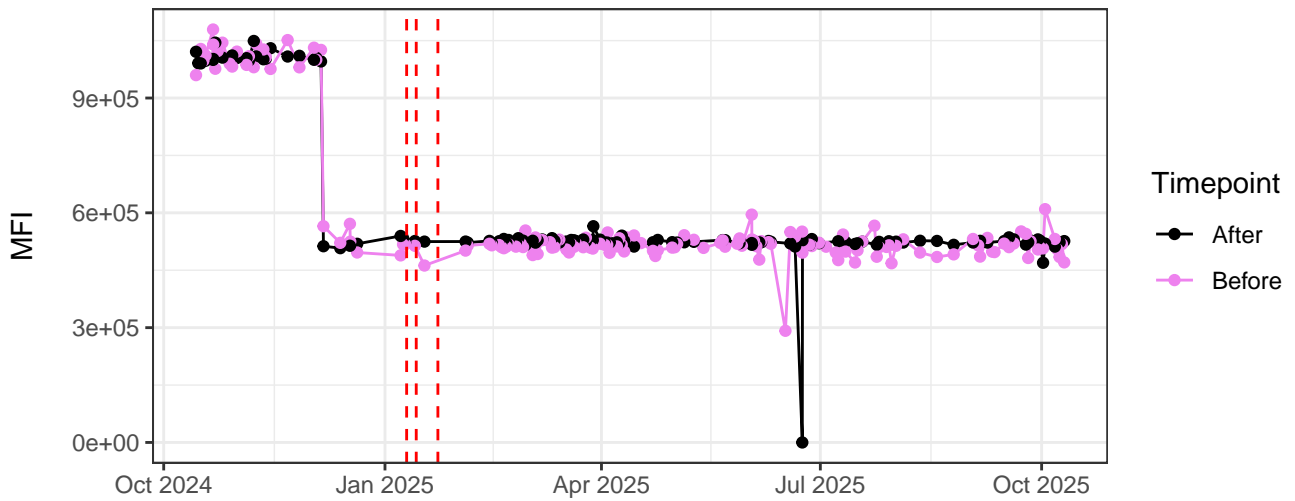
V9-A



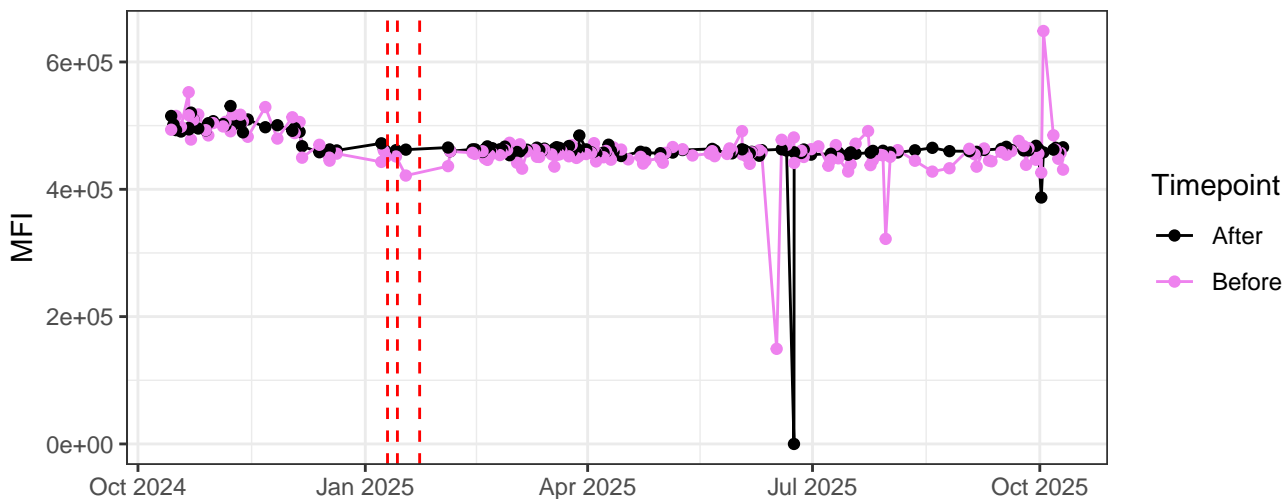
V10-A



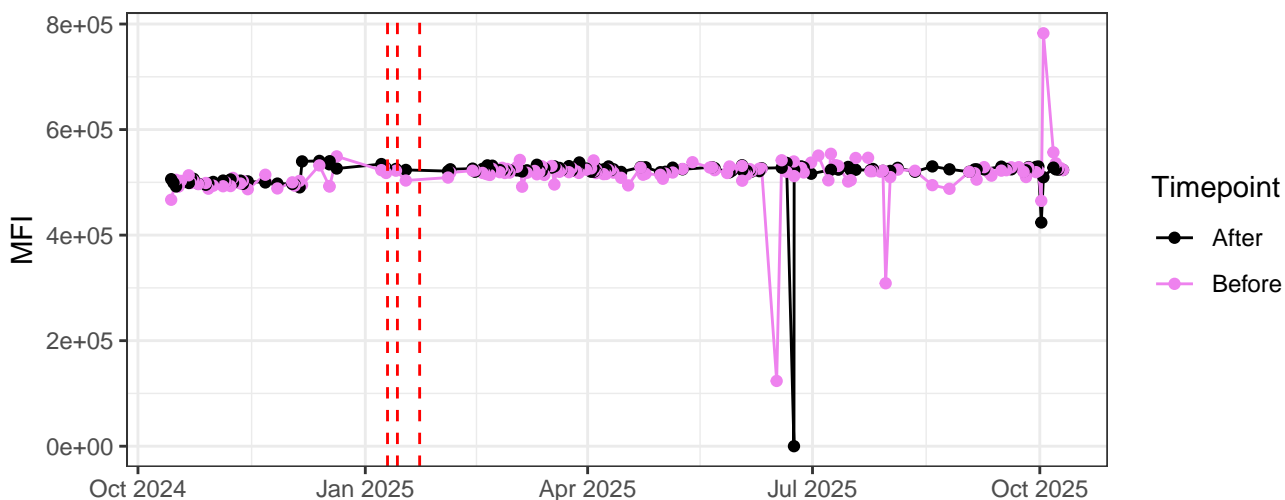
V11-A



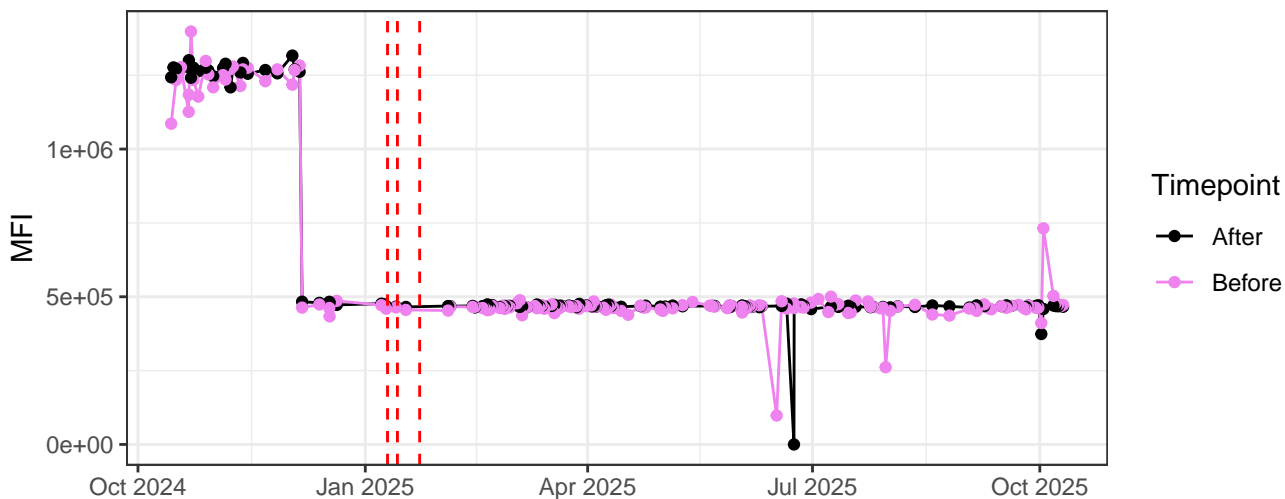
V12-A



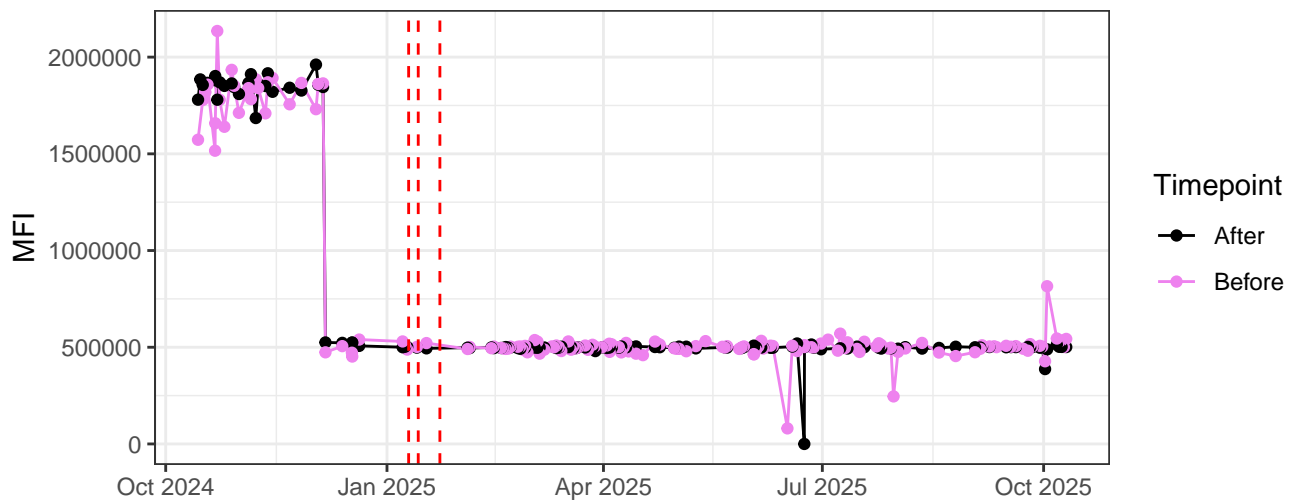
V13-A



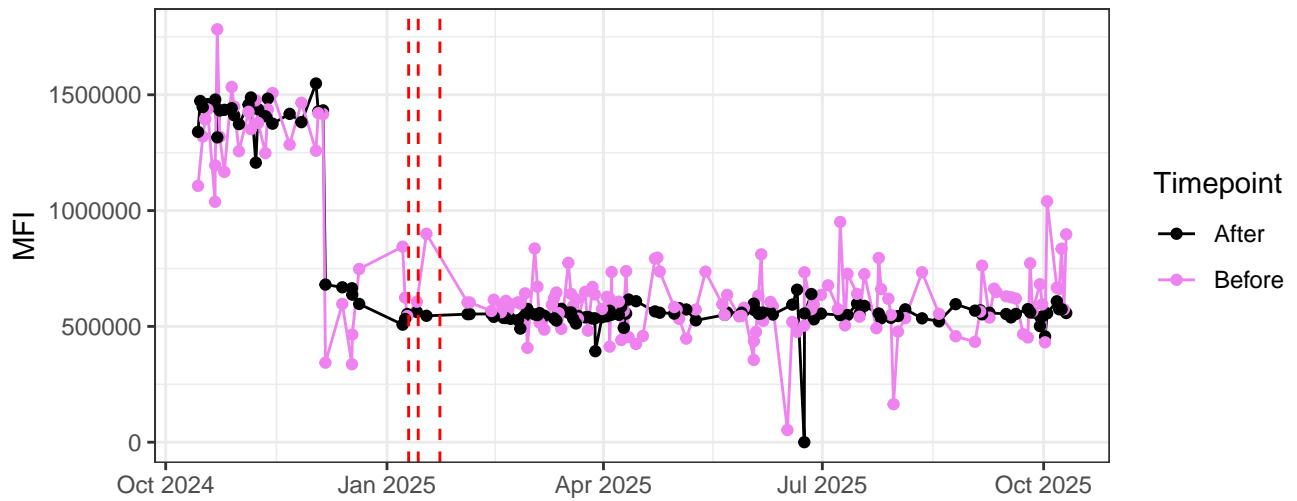
V14-A



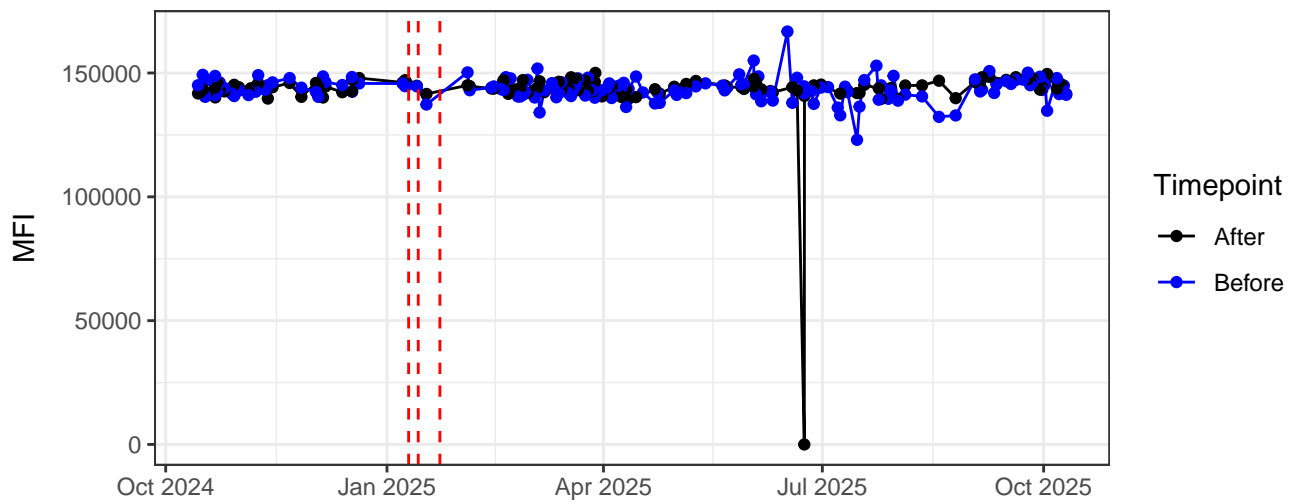
V15-A



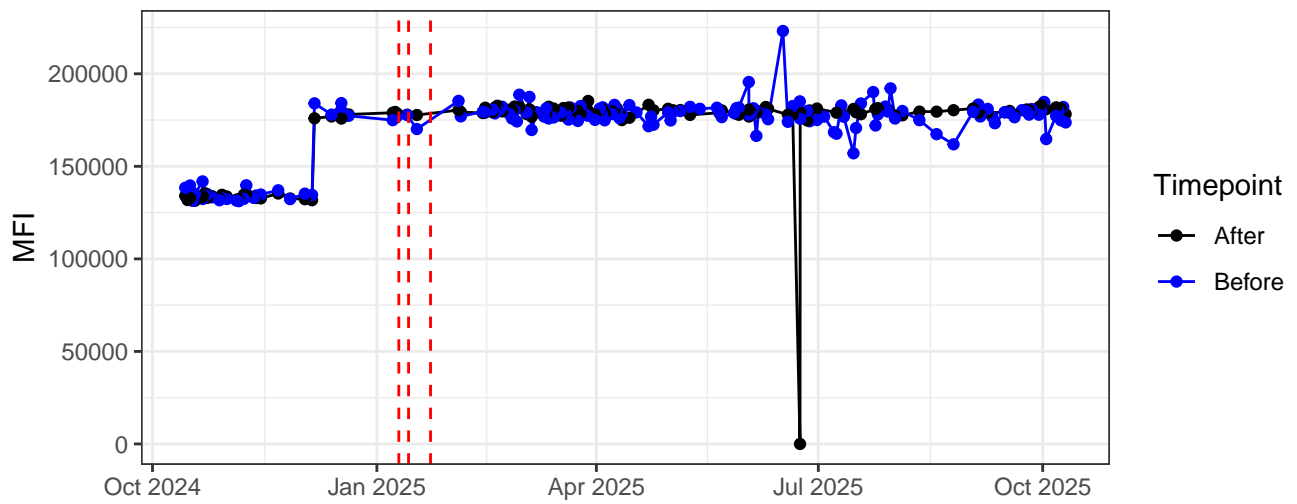
V16-A



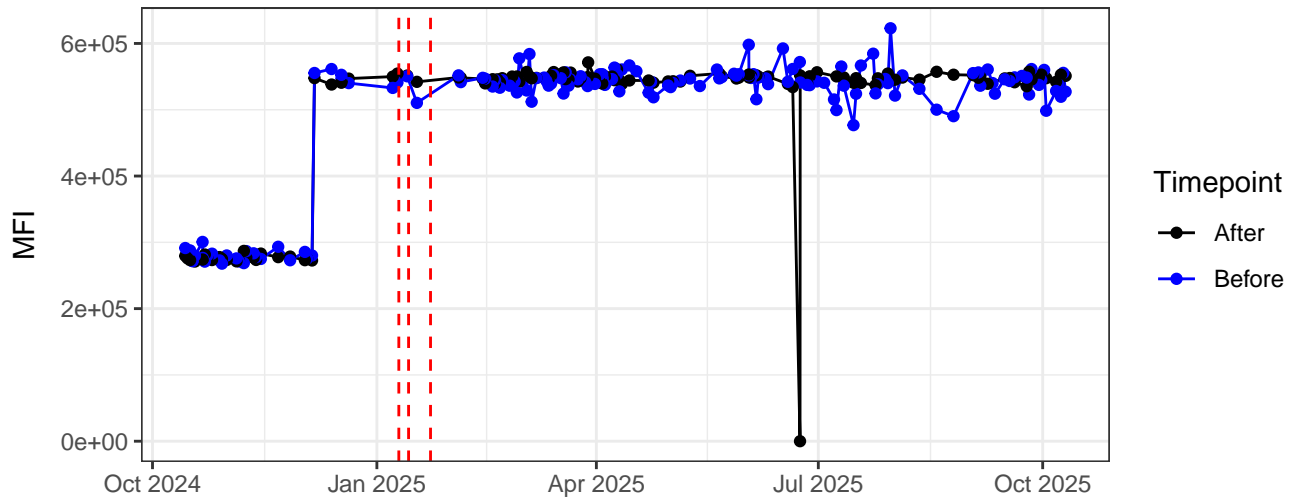
B1-A



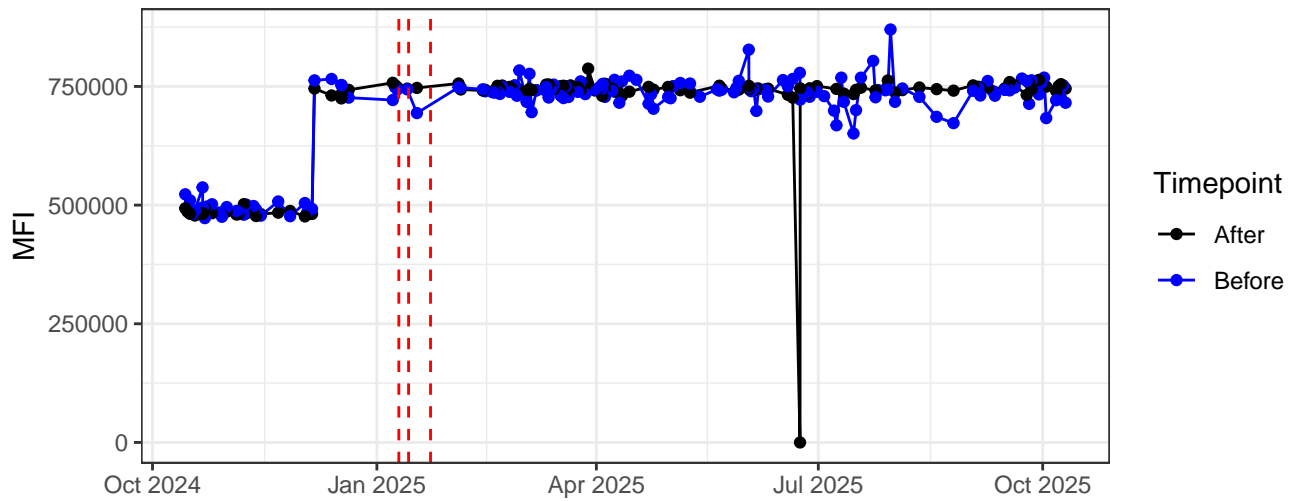
B2-A



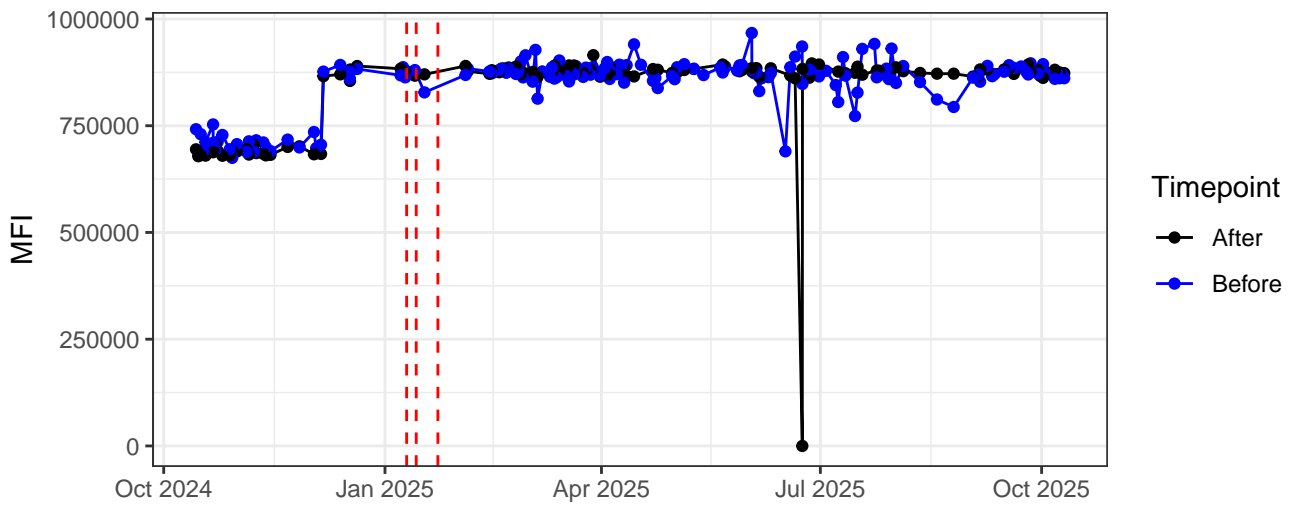
B3-A



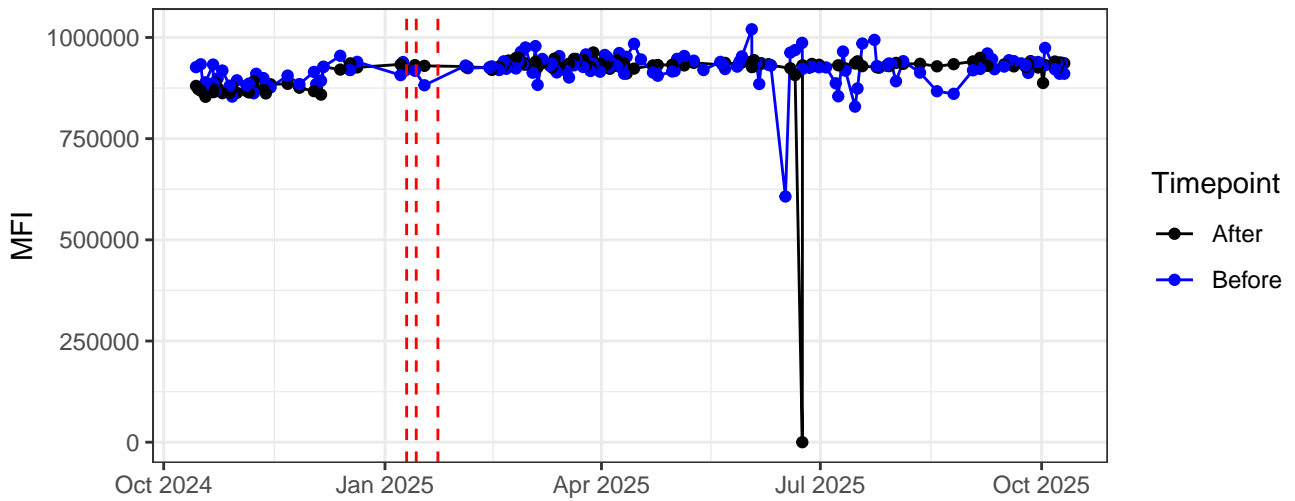
B4-A



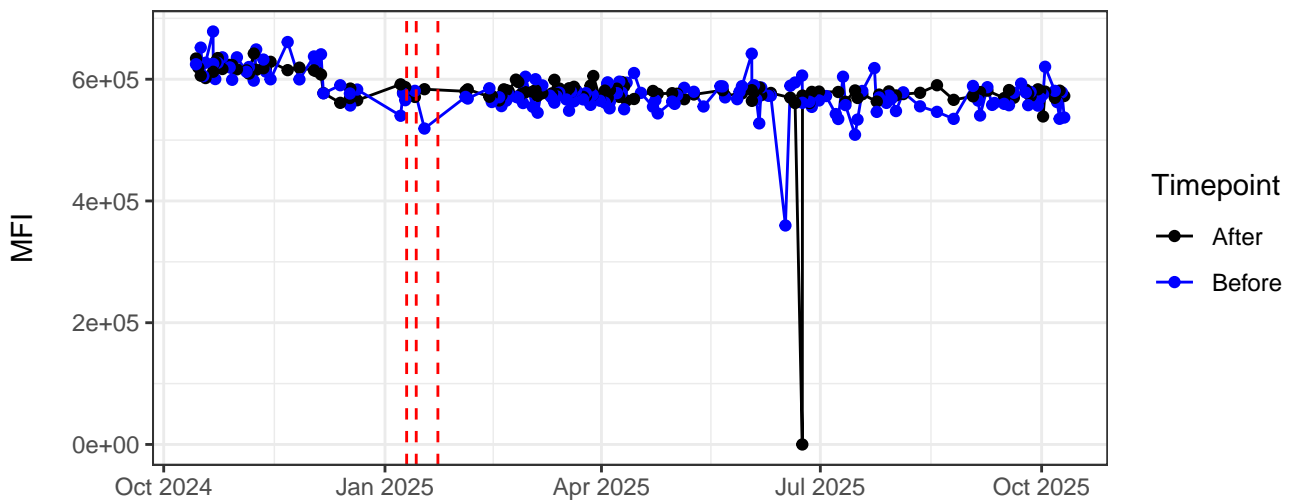
B5-A



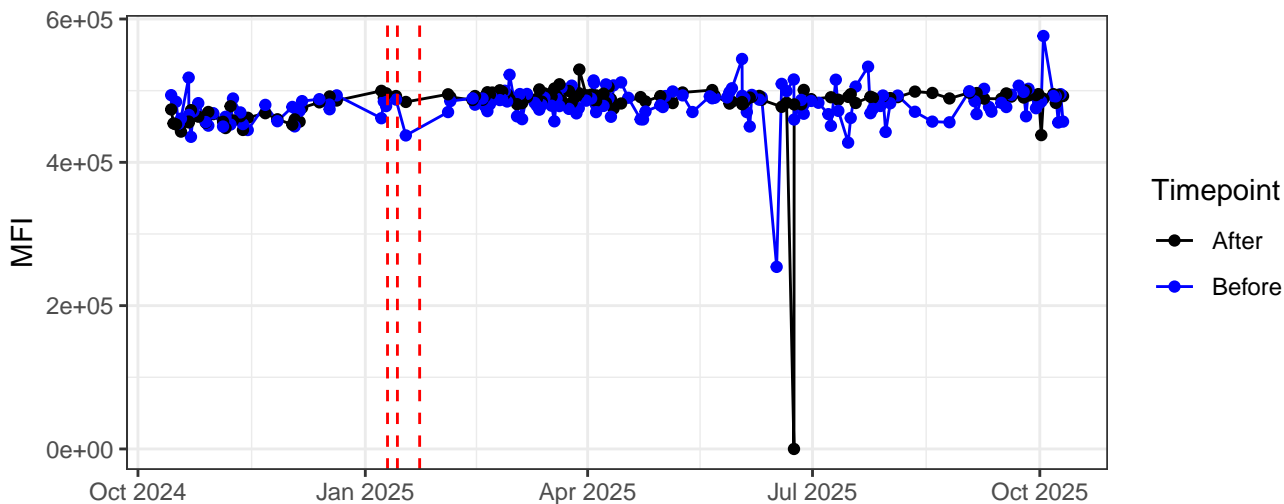
B6-A



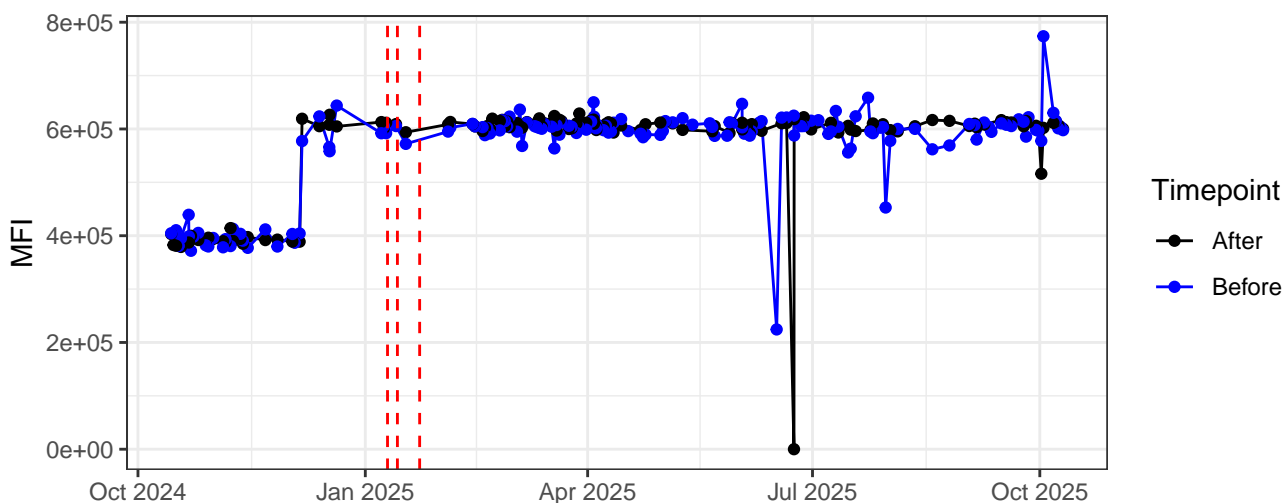
B7-A



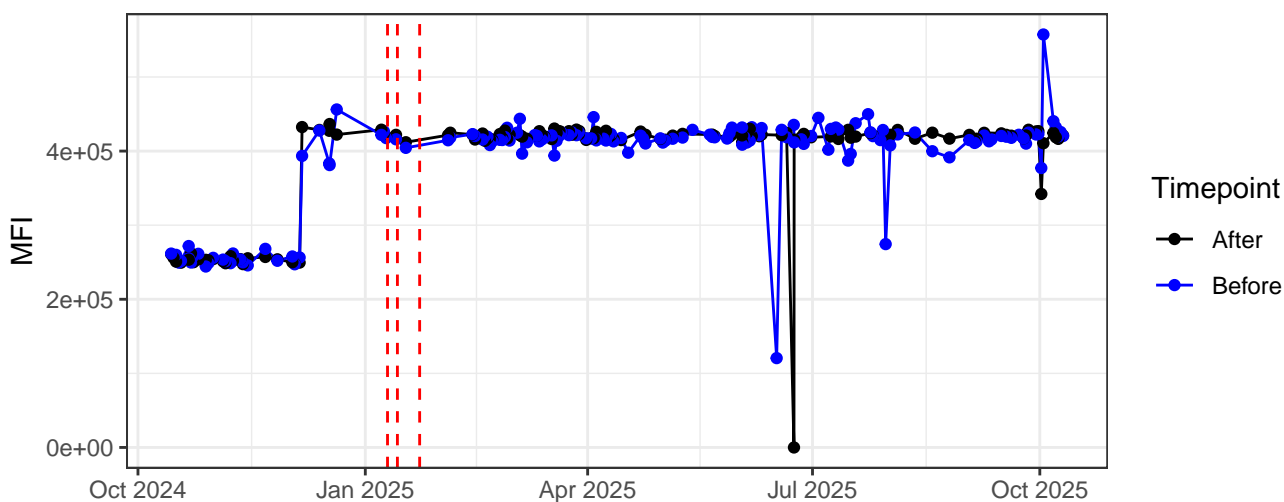
B8-A



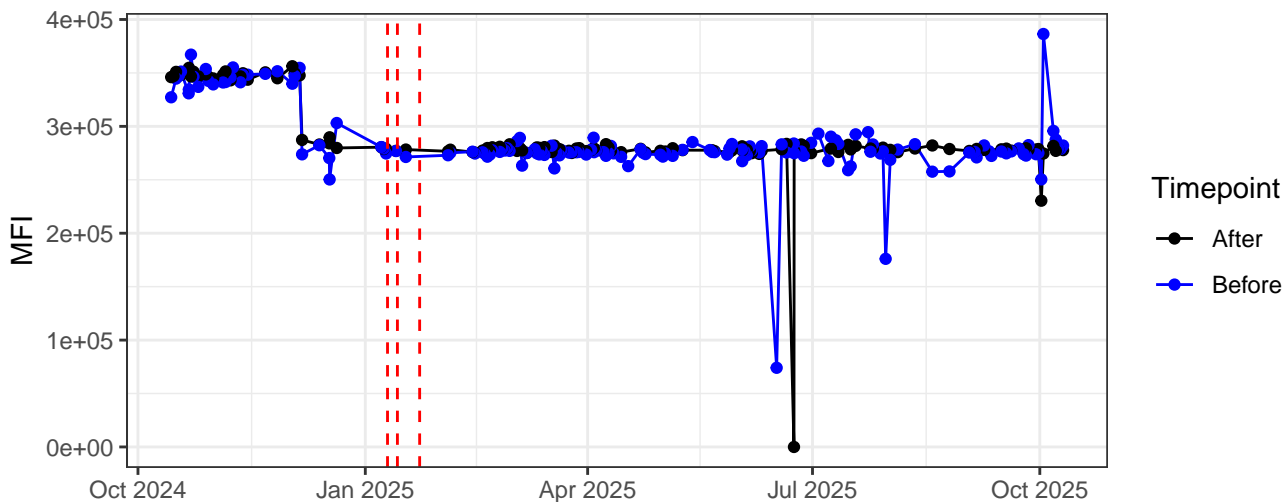
B9-A



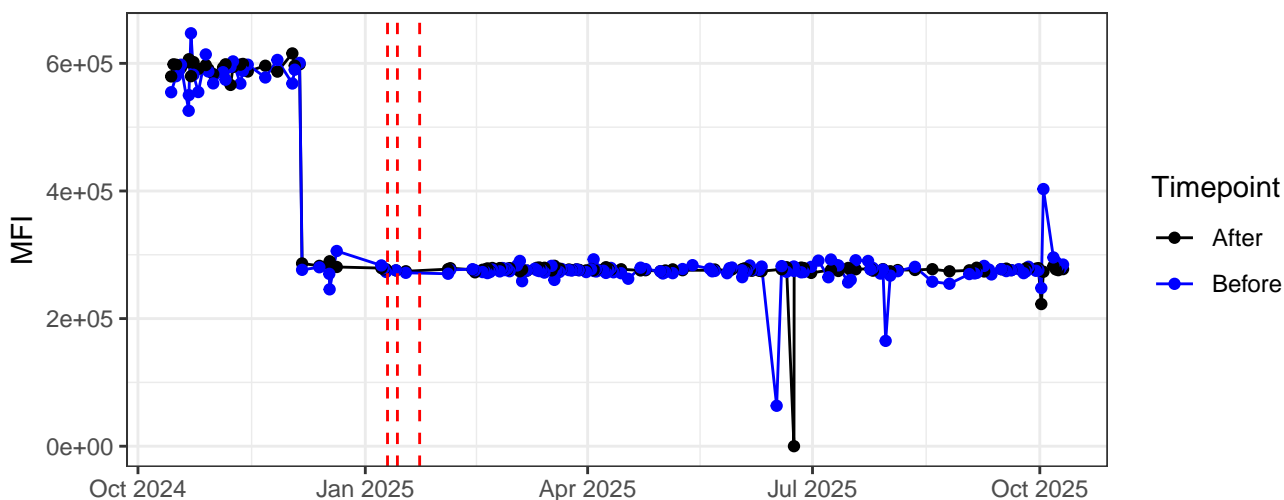
B10-A



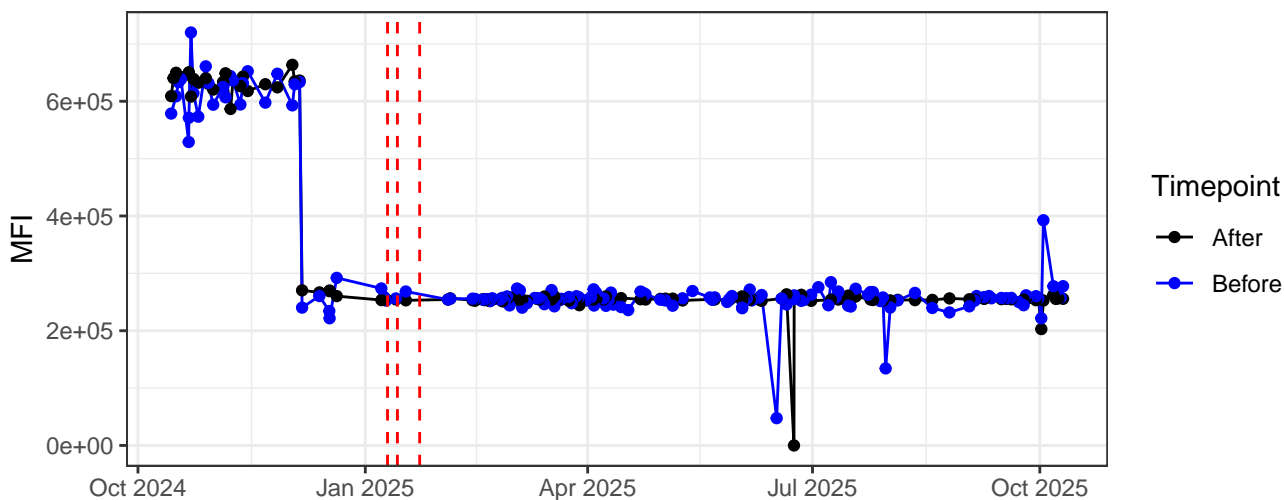
B11-A



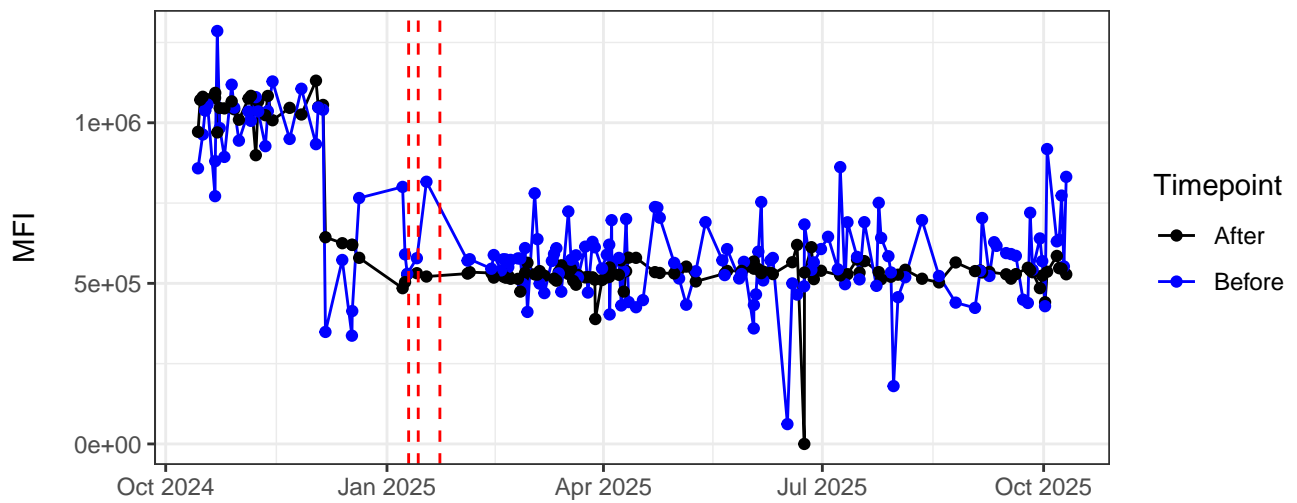
B12-A



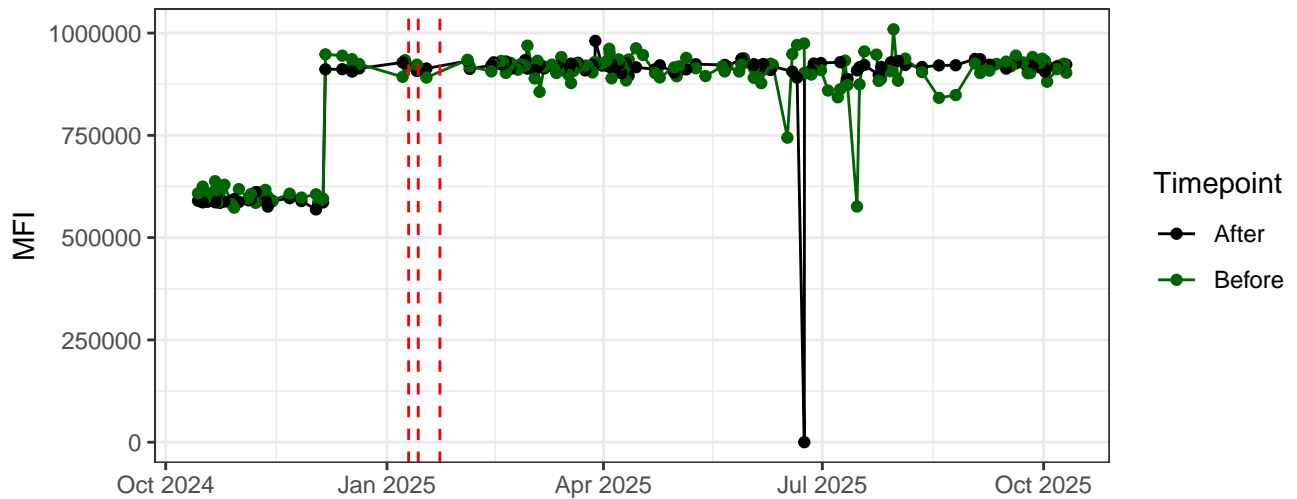
B13-A



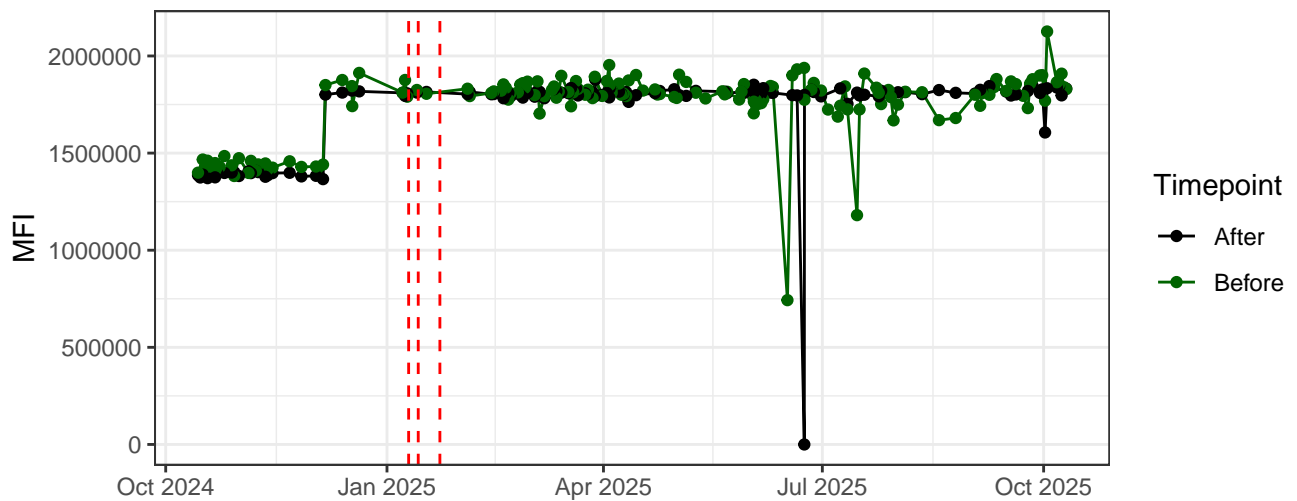
B14-A



YG1-A

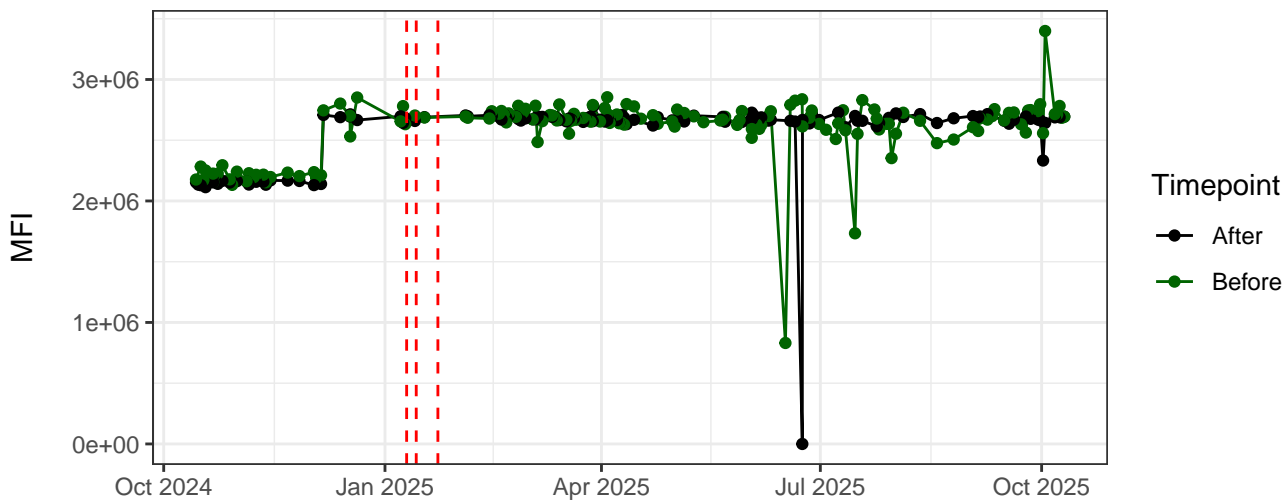


YG2-A

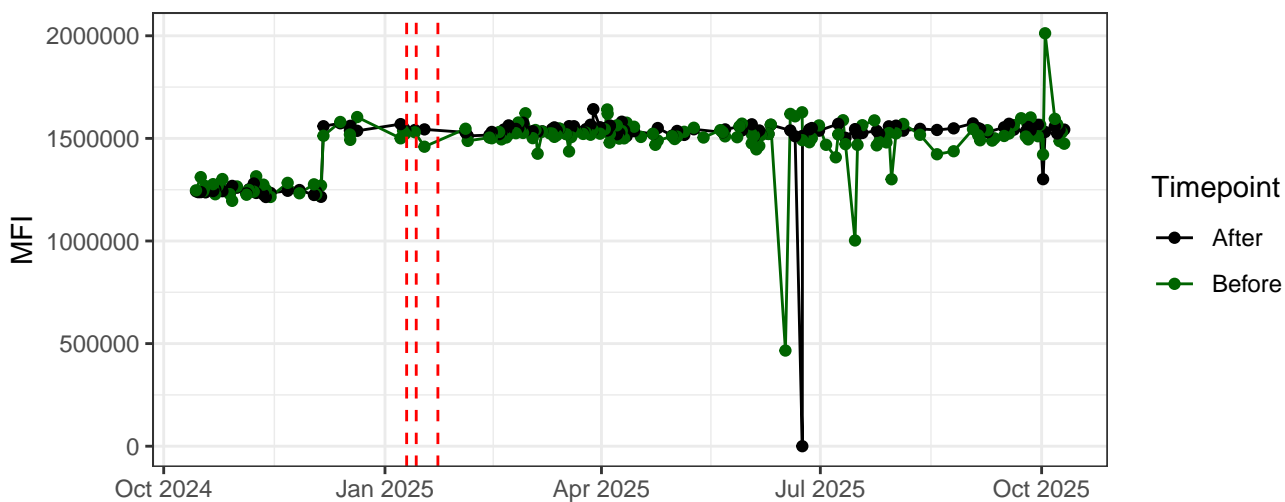




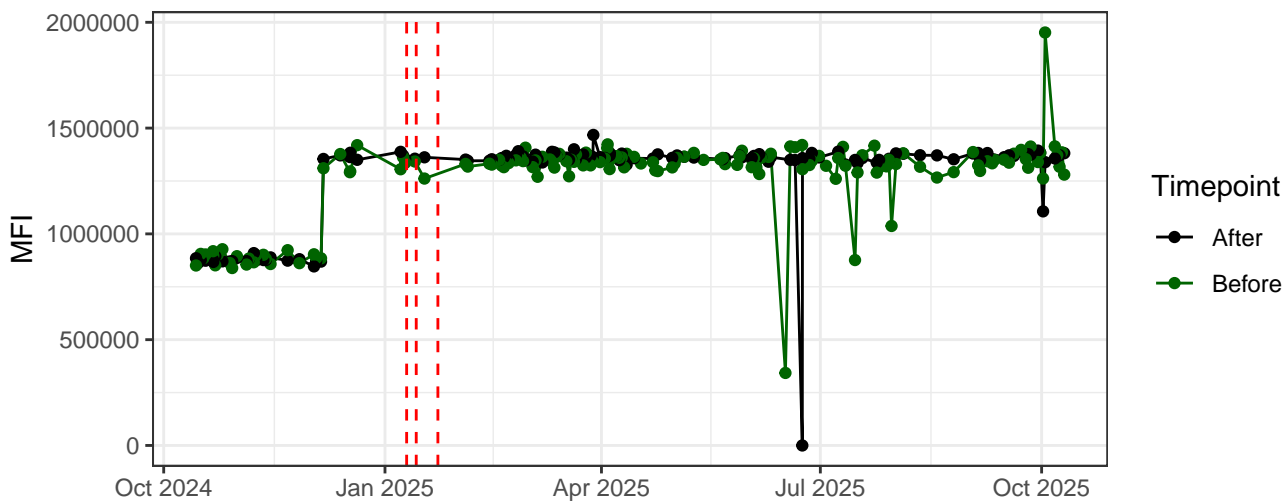
YG3-A



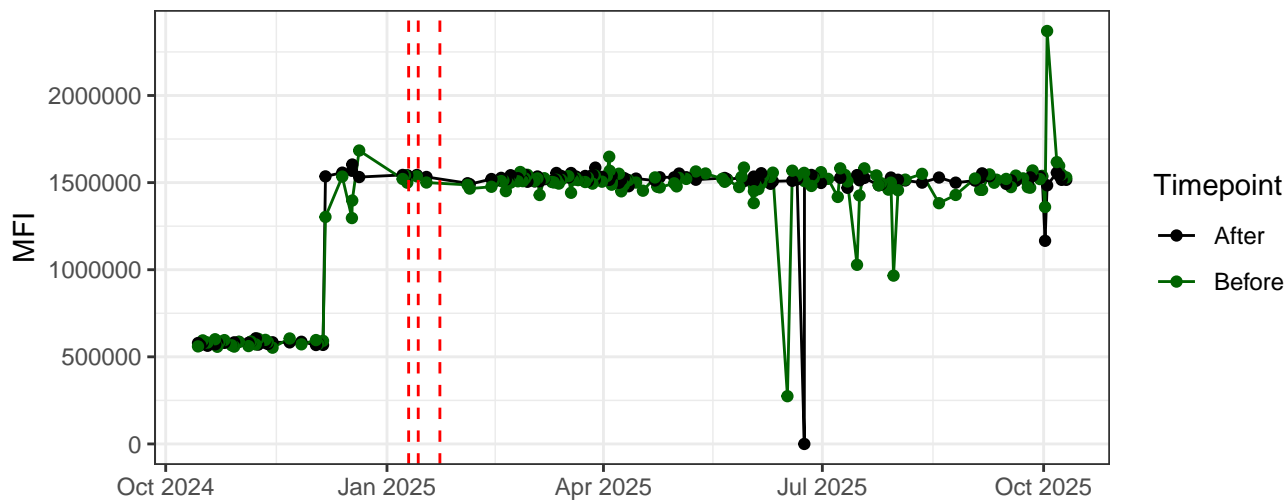
YG4-A



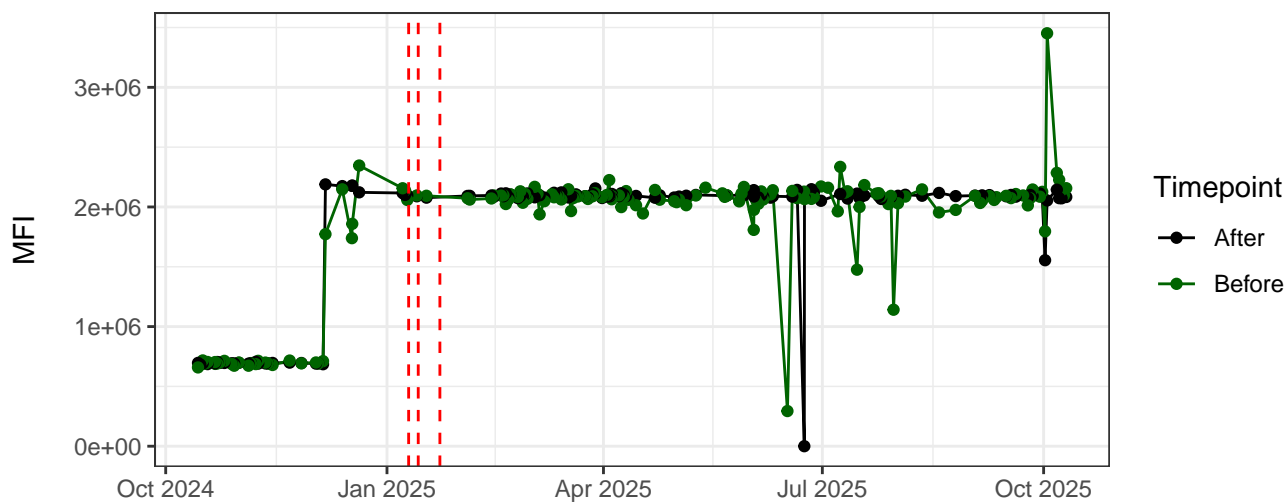
YG5-A



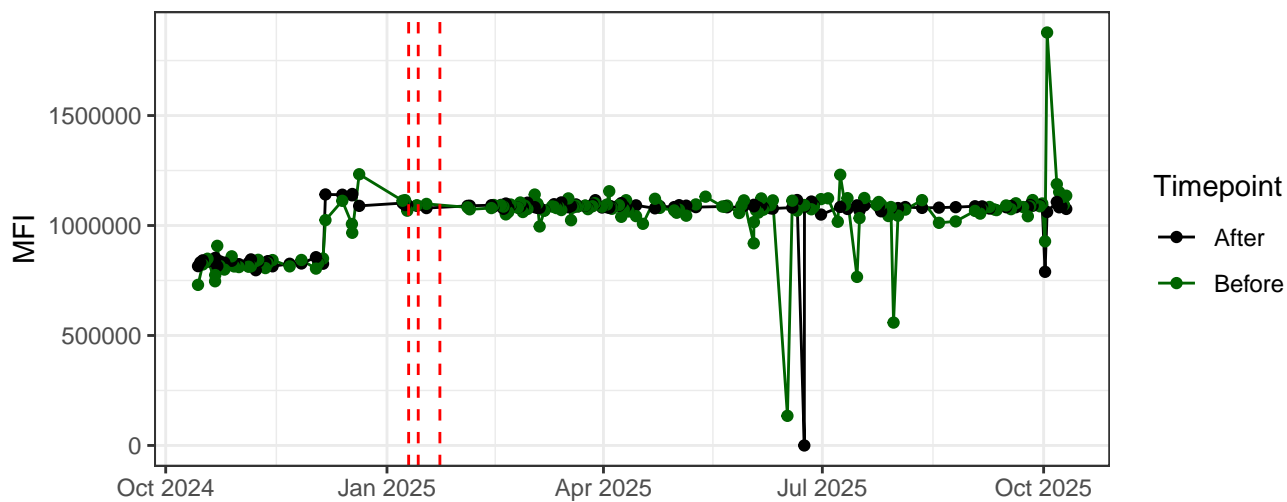
YG6-A



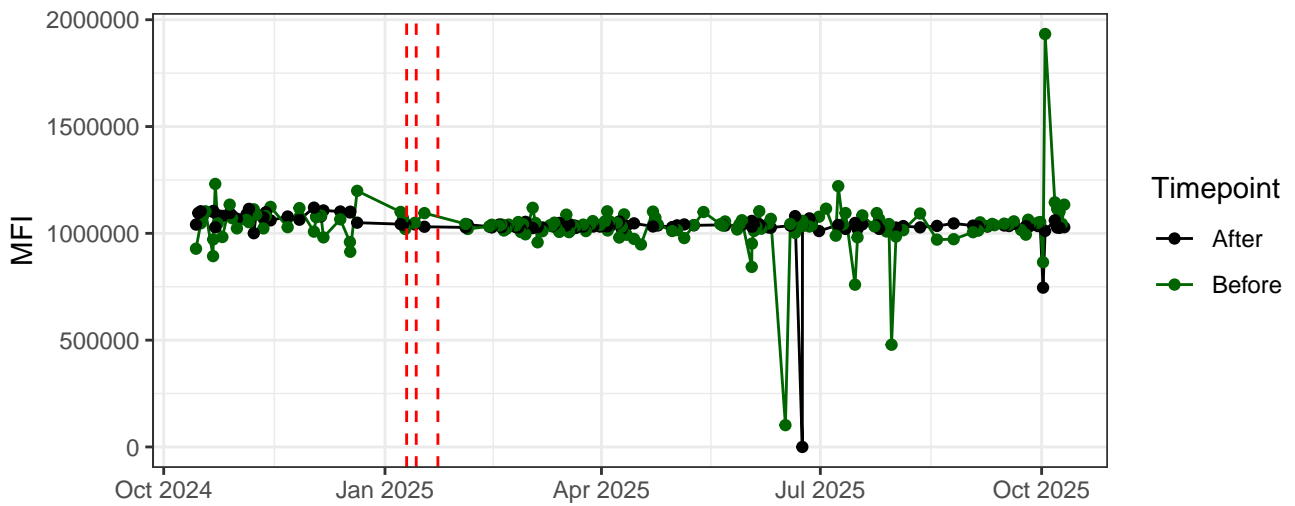
YG7-A



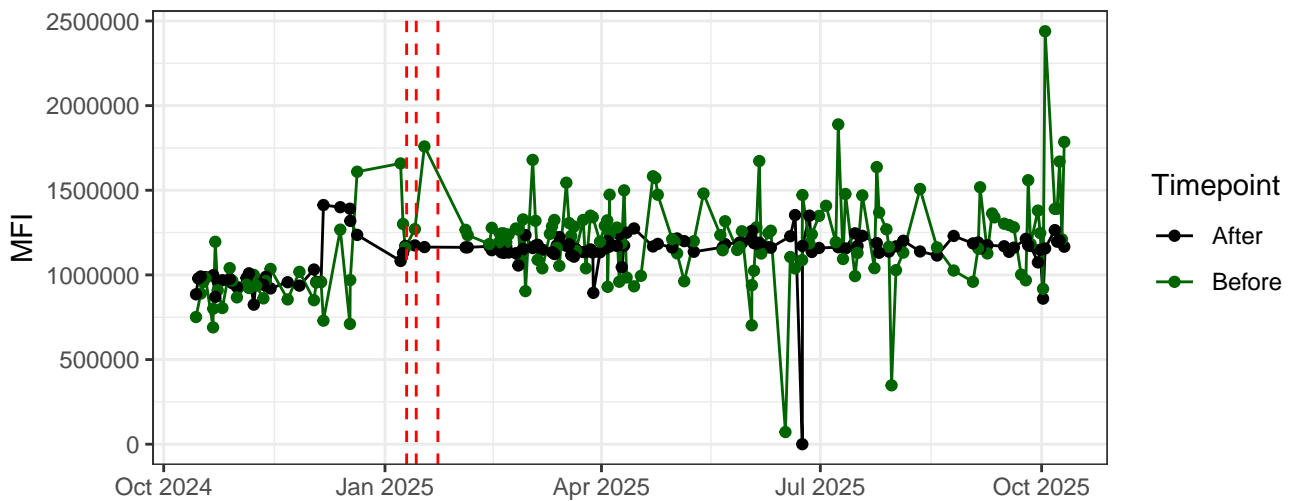
YG8-A



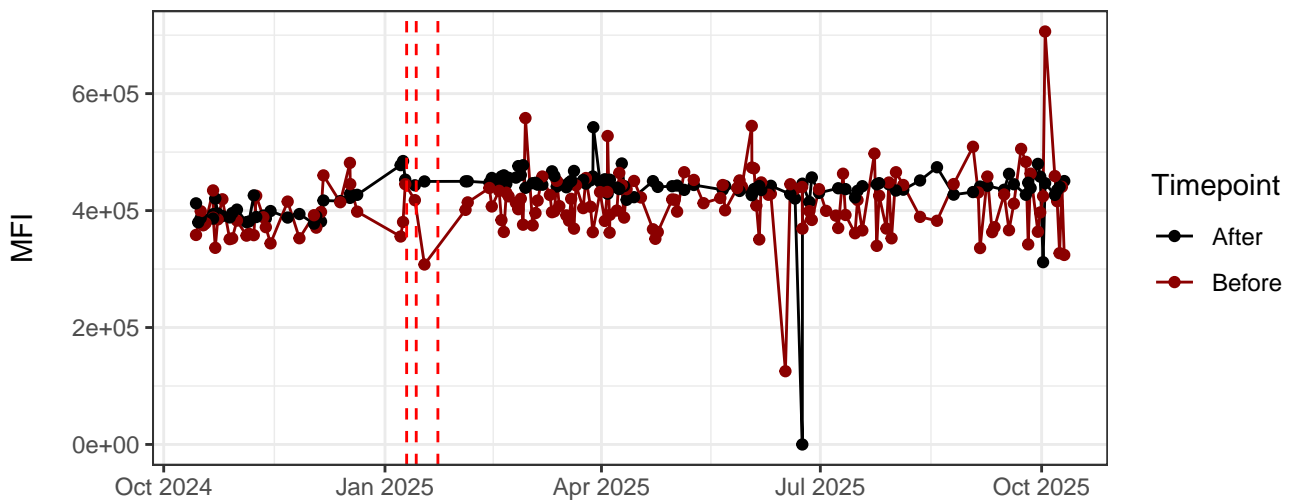
YG9-A



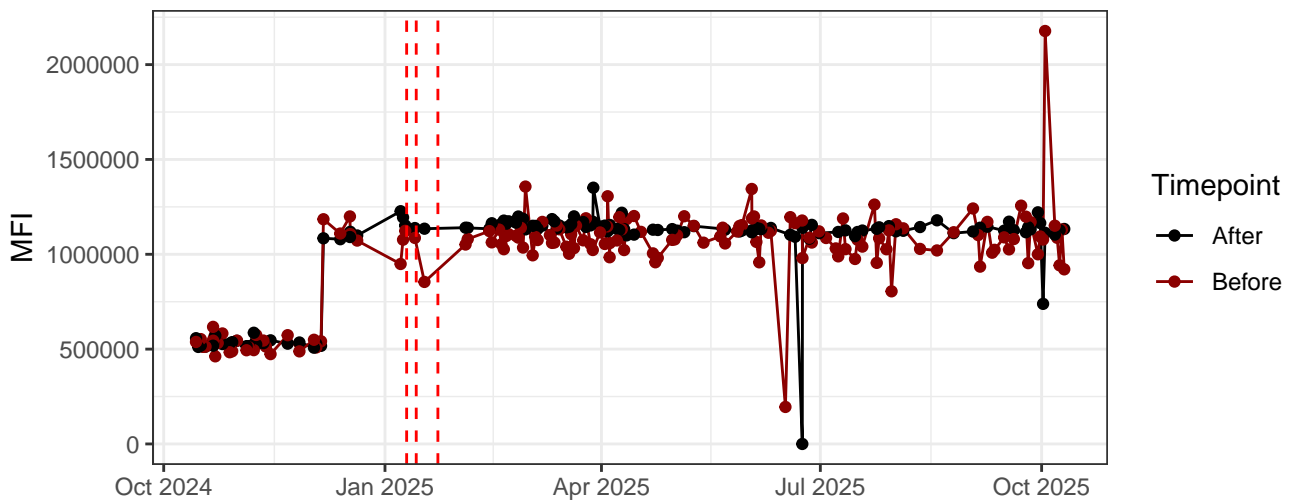
YG10-A



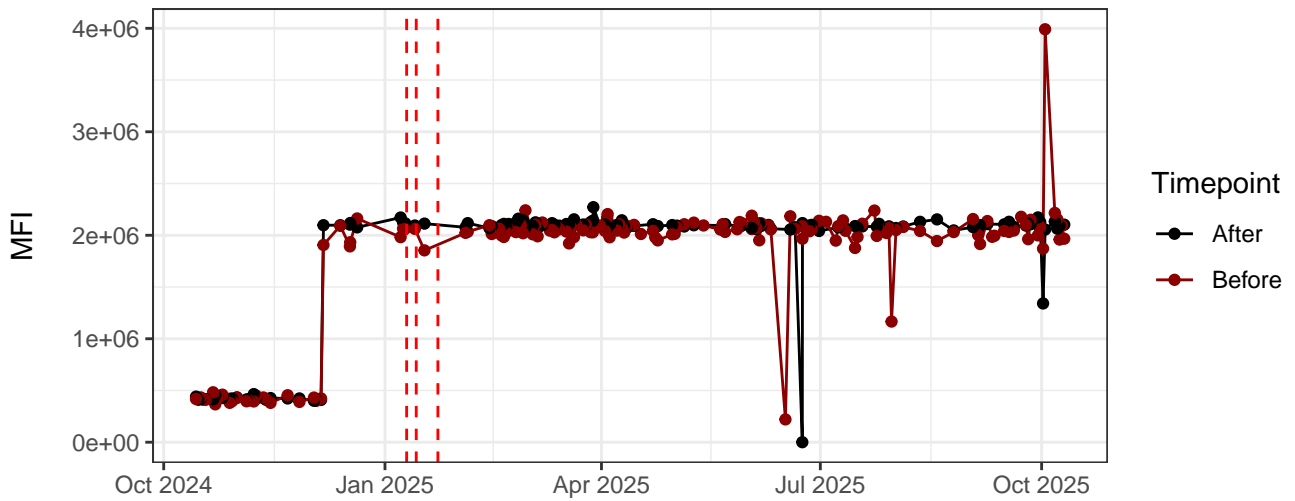
R1-A



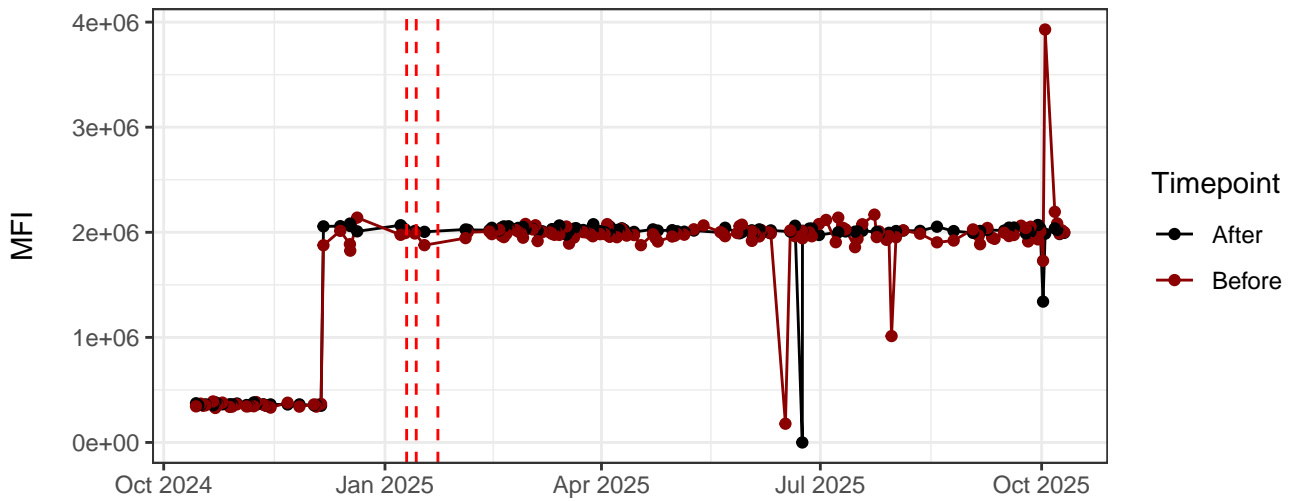
R2-A



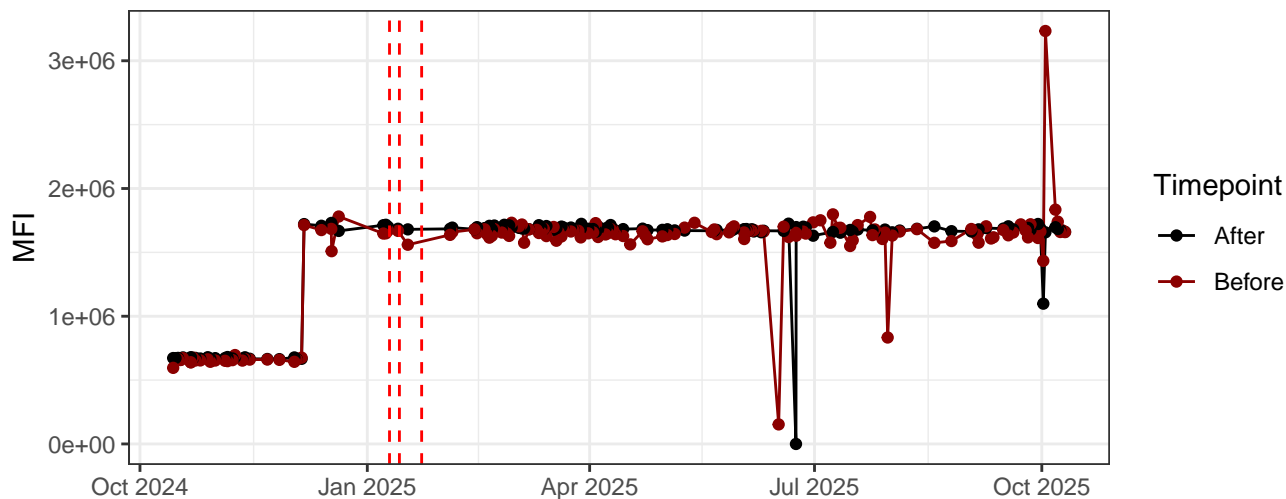
R3-A



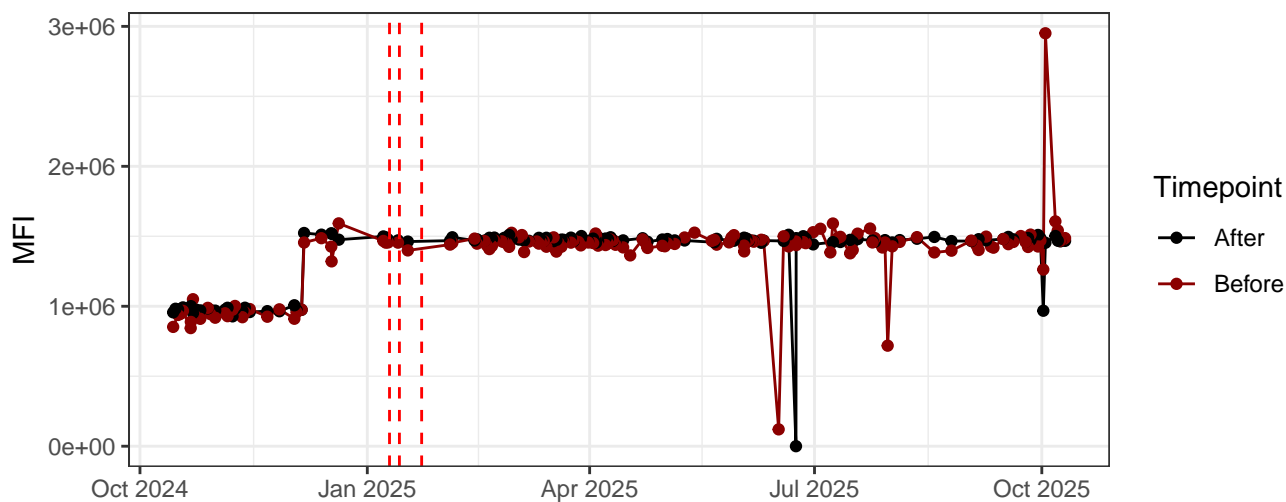
R4-A



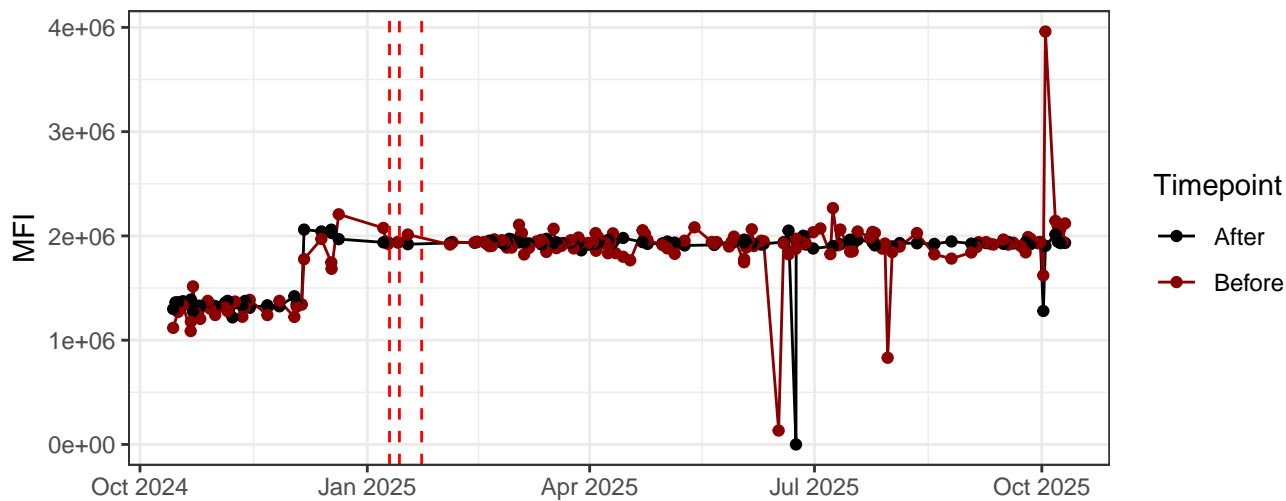
R5-A



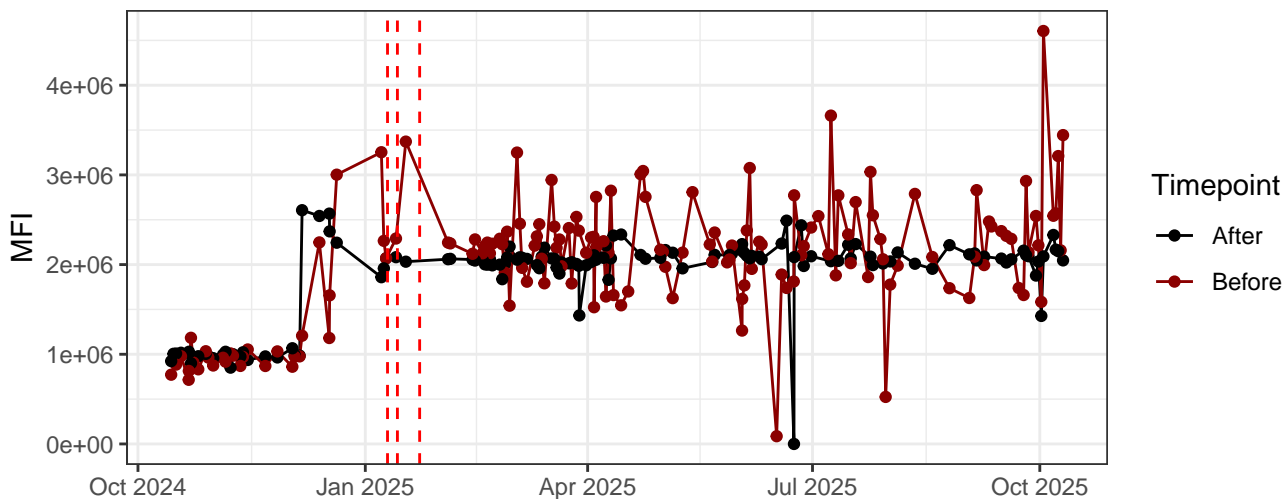
R6-A



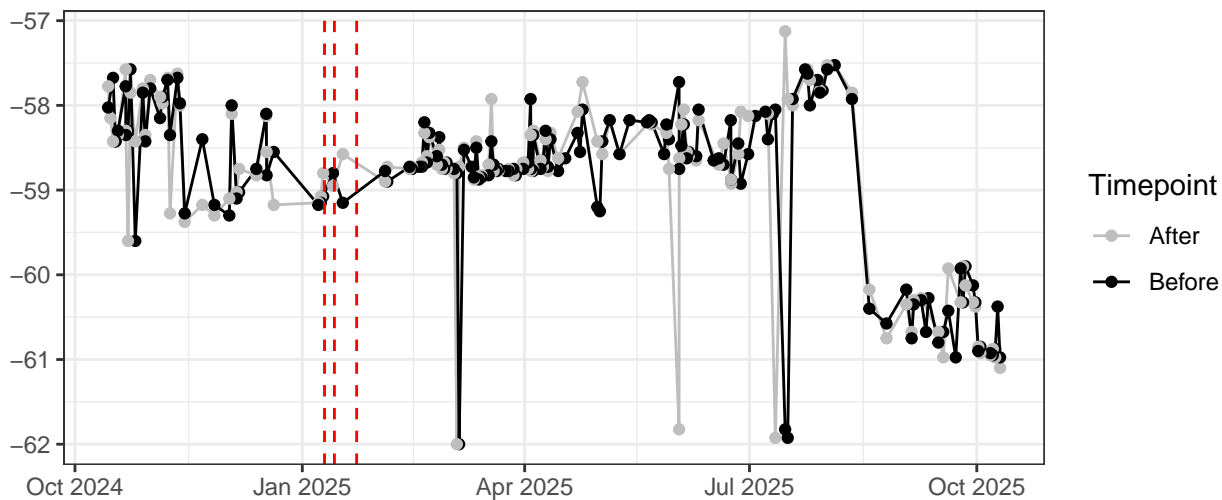
R7-A



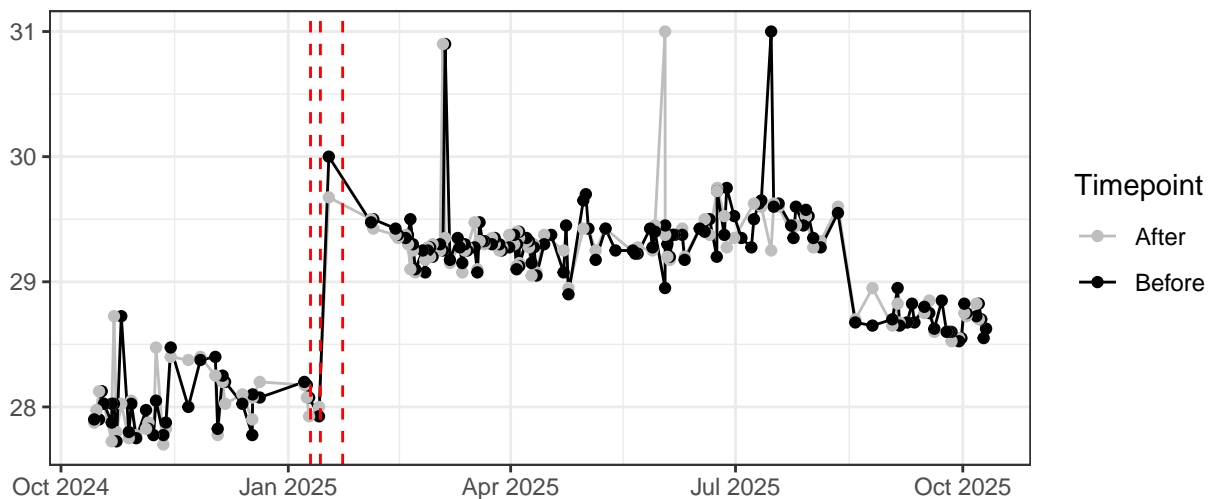
R8-A



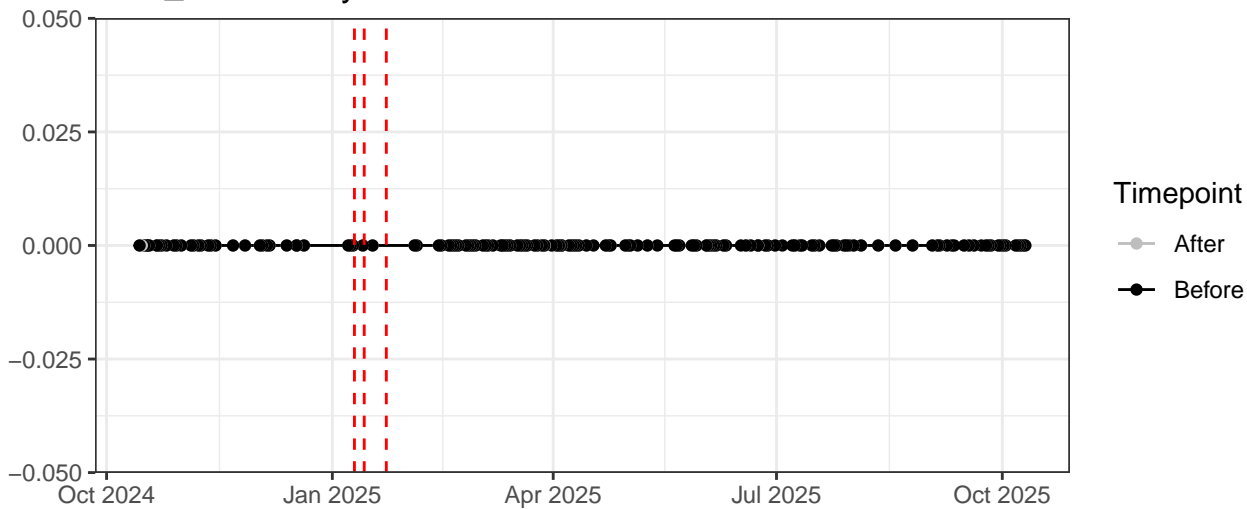
UV\_LaserDelay



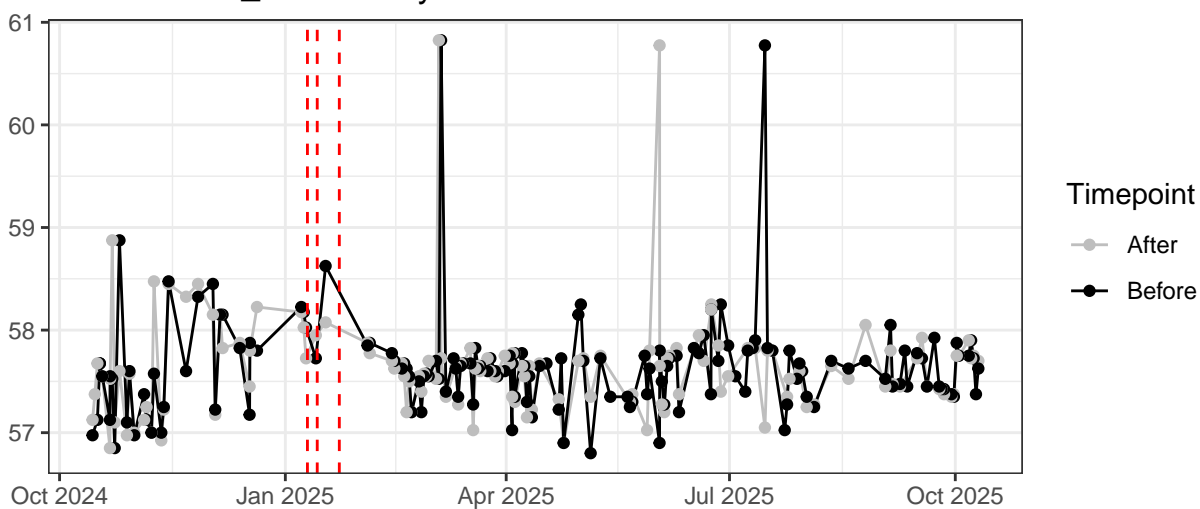
Violet\_LaserDelay



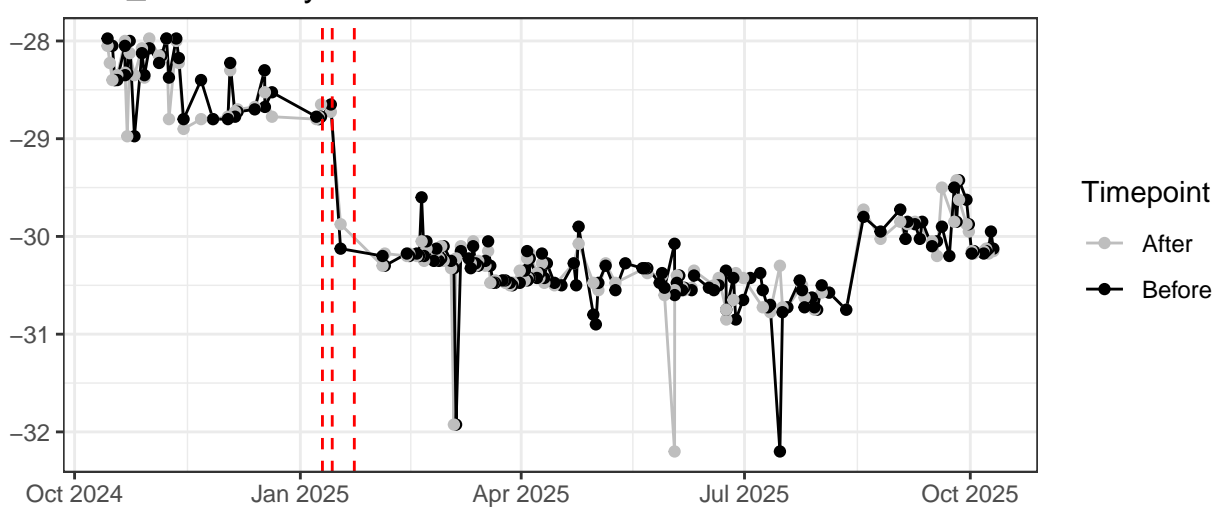
### Blue\_LaserDelay



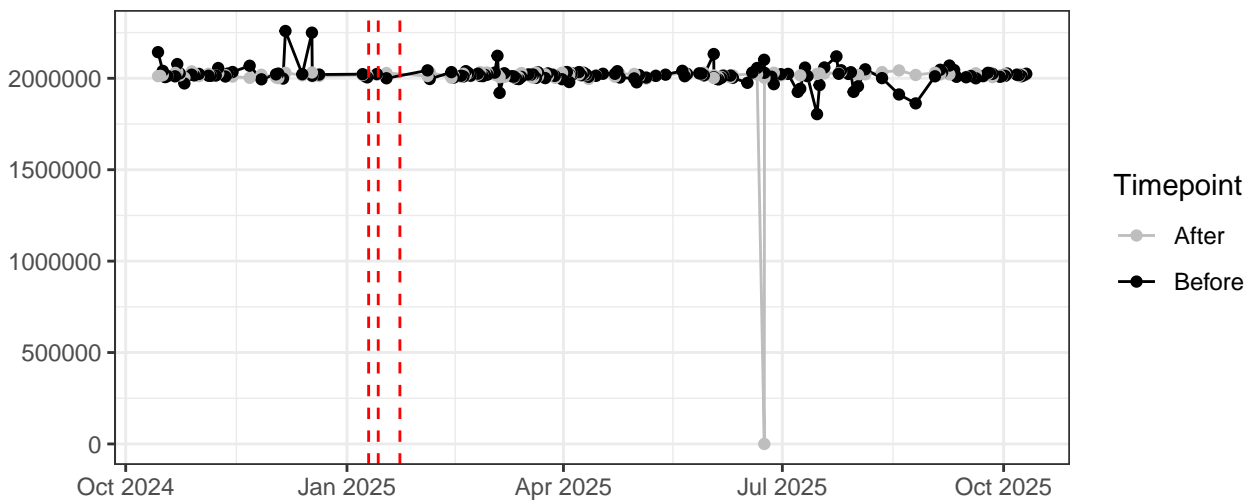
### YellowGreen\_LaserDelay



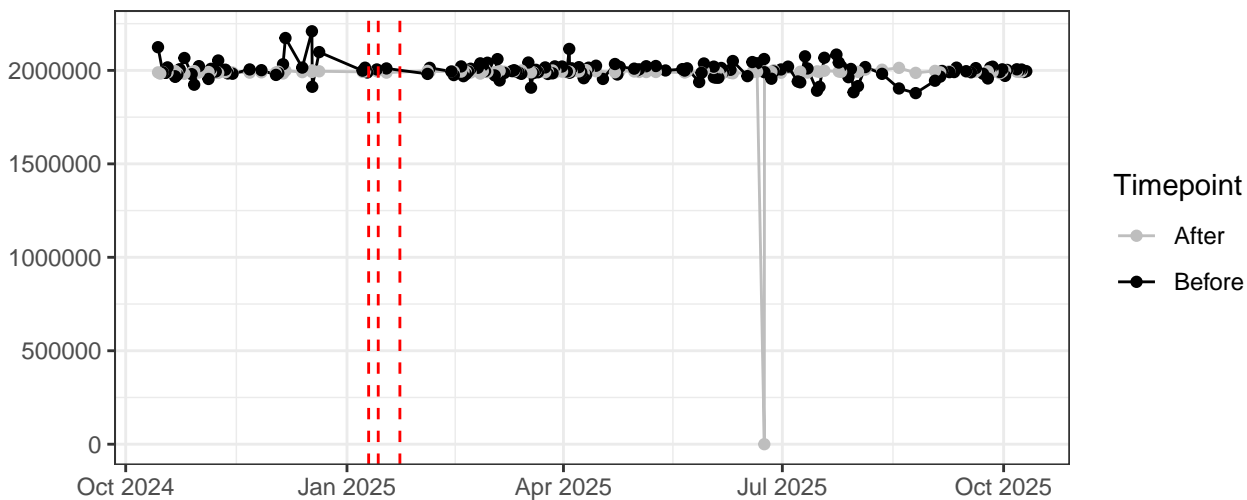
### Red\_LaserDelay



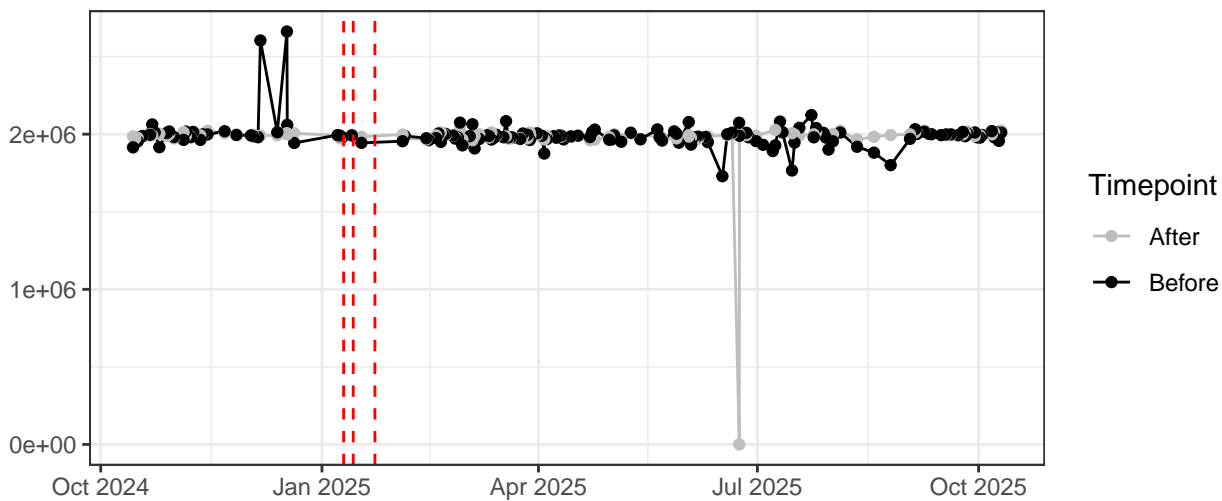
FSC-A



FSC-H

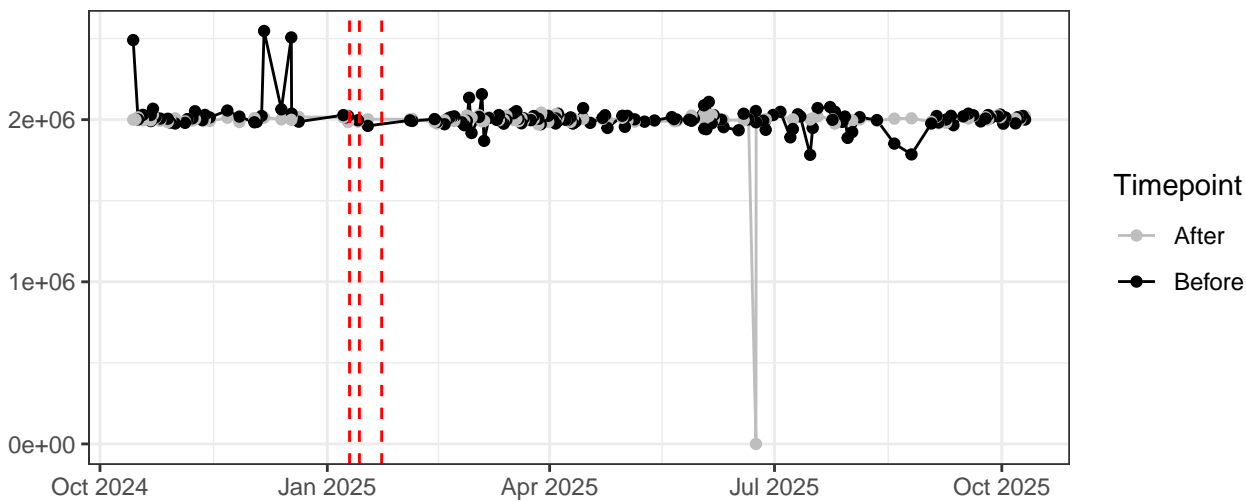


SSC-A

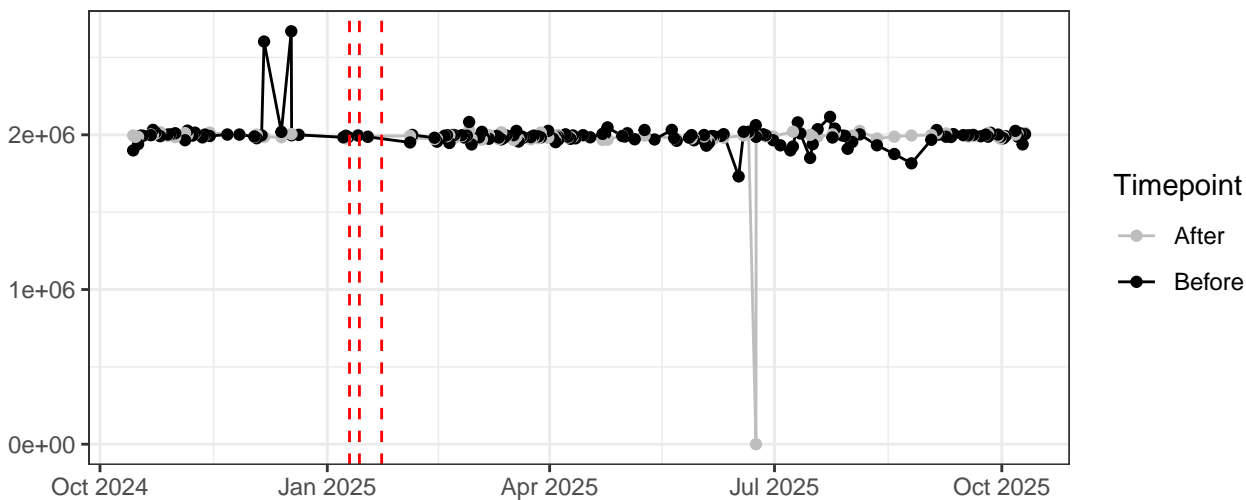




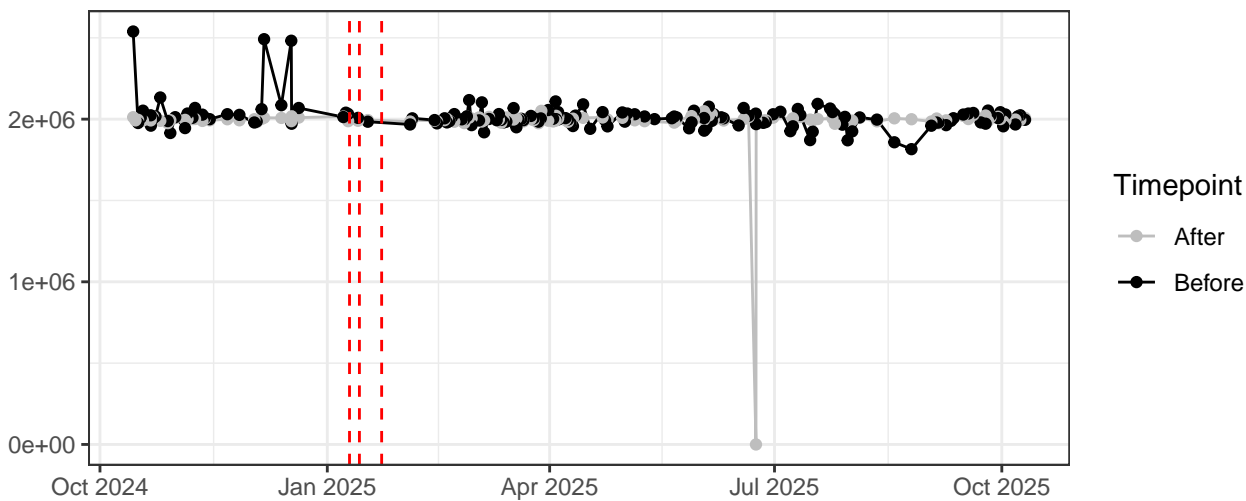
SSC-B-A



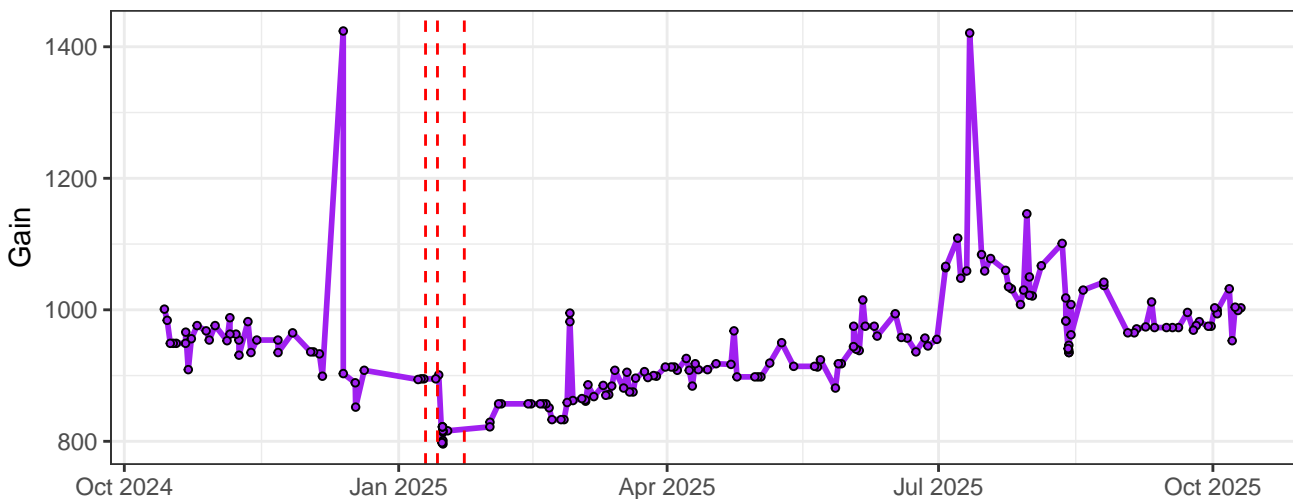
SSC-H



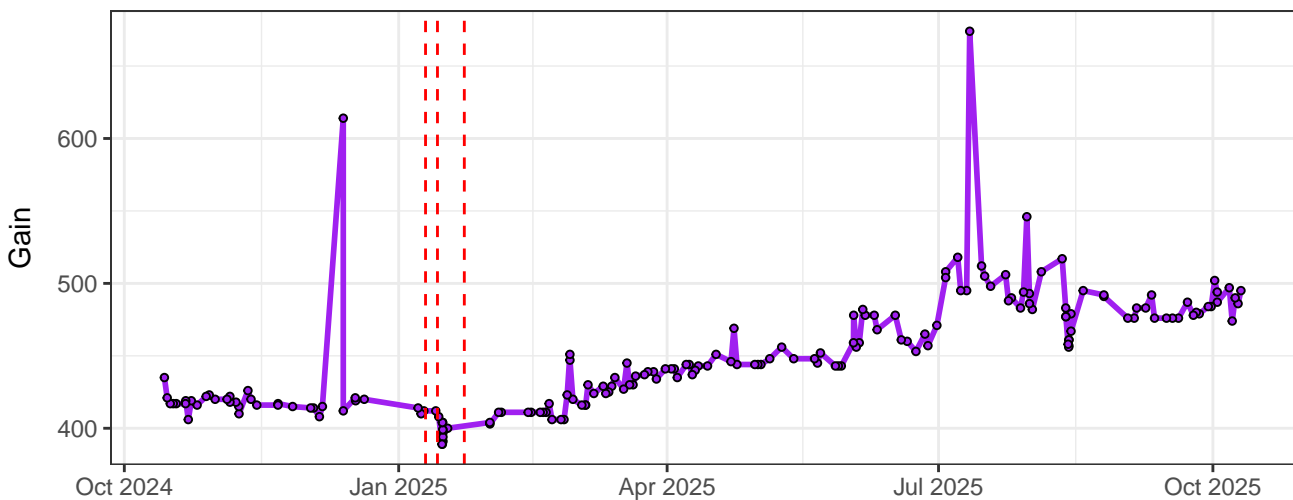
SSC-B-H



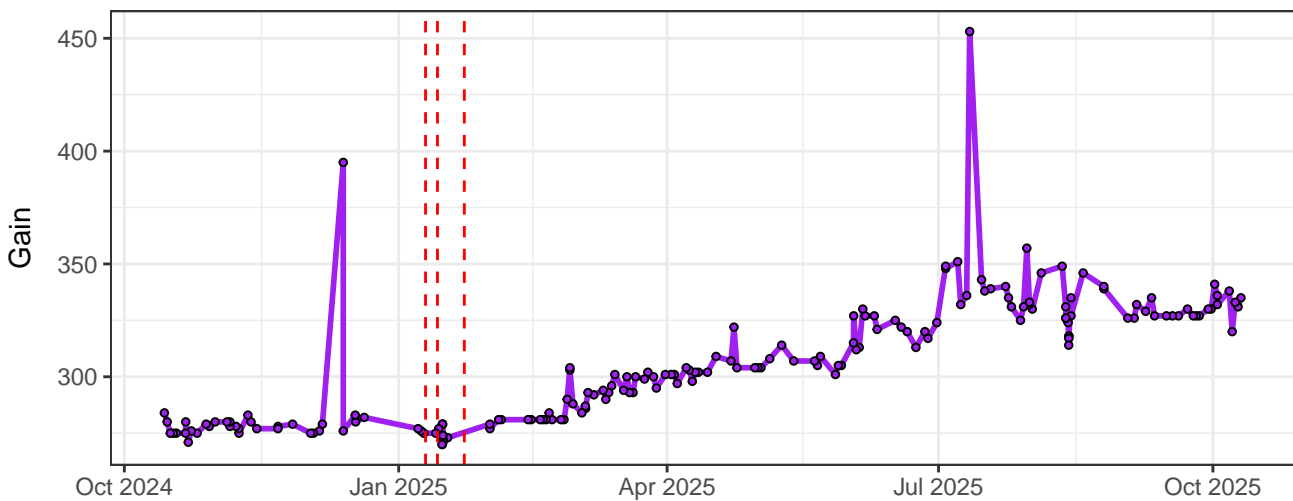
### UV1-Gain



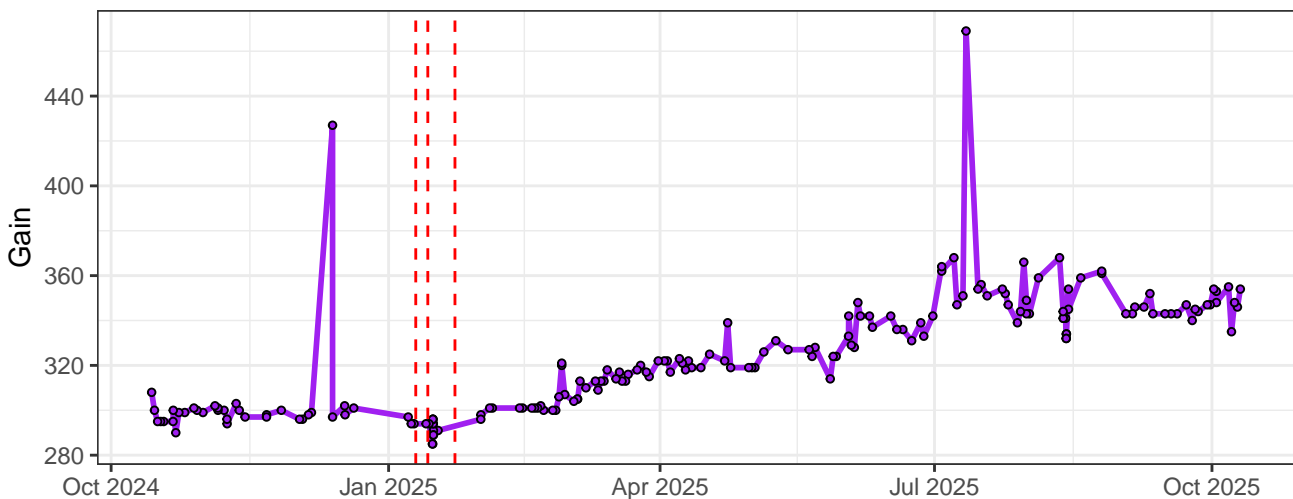
### UV2-Gain



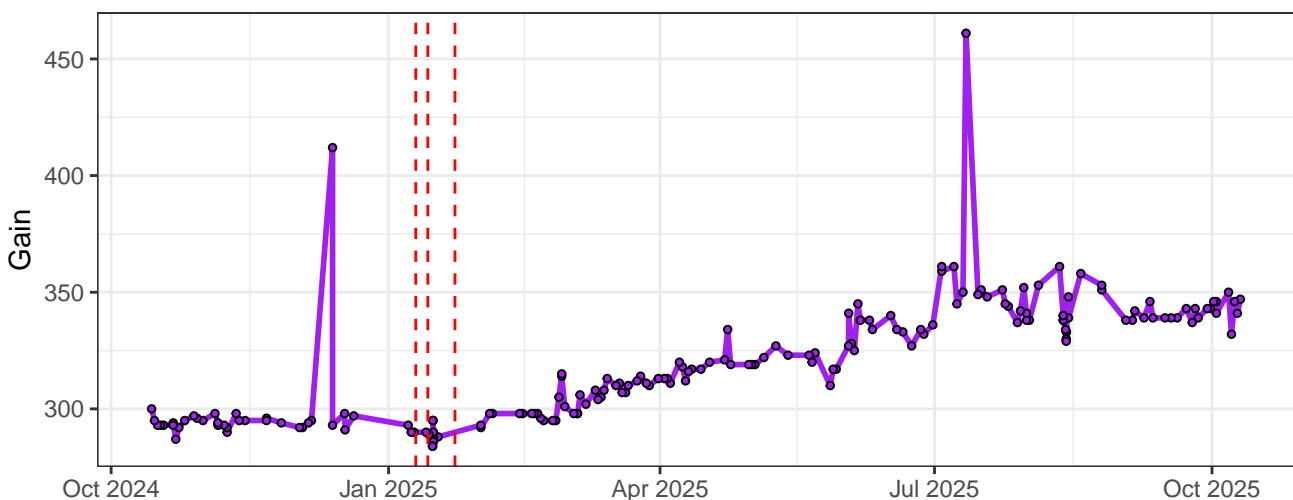
### UV3-Gain



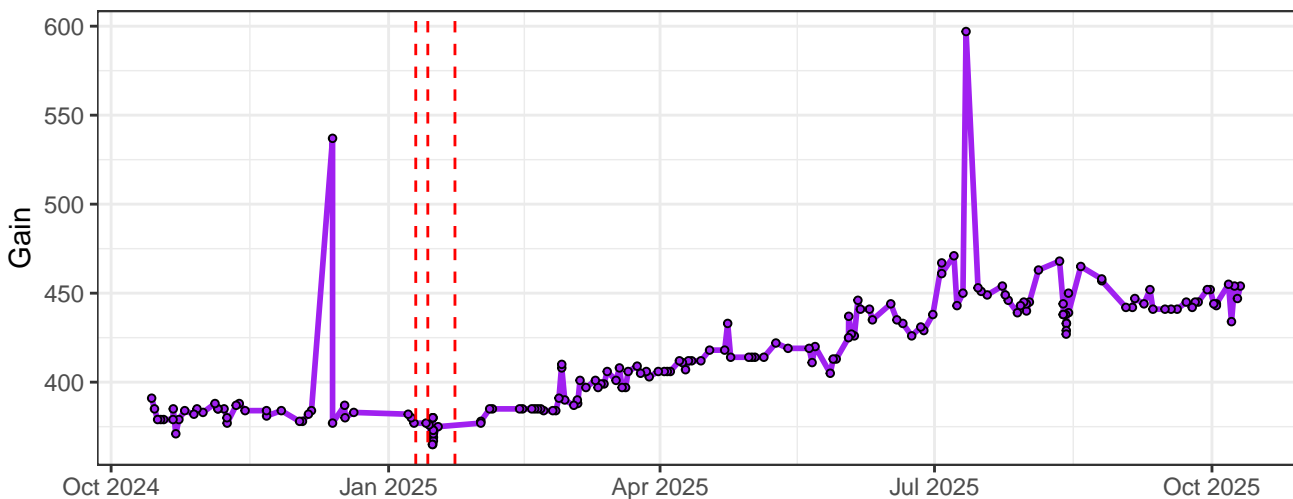
# UV4-Gain



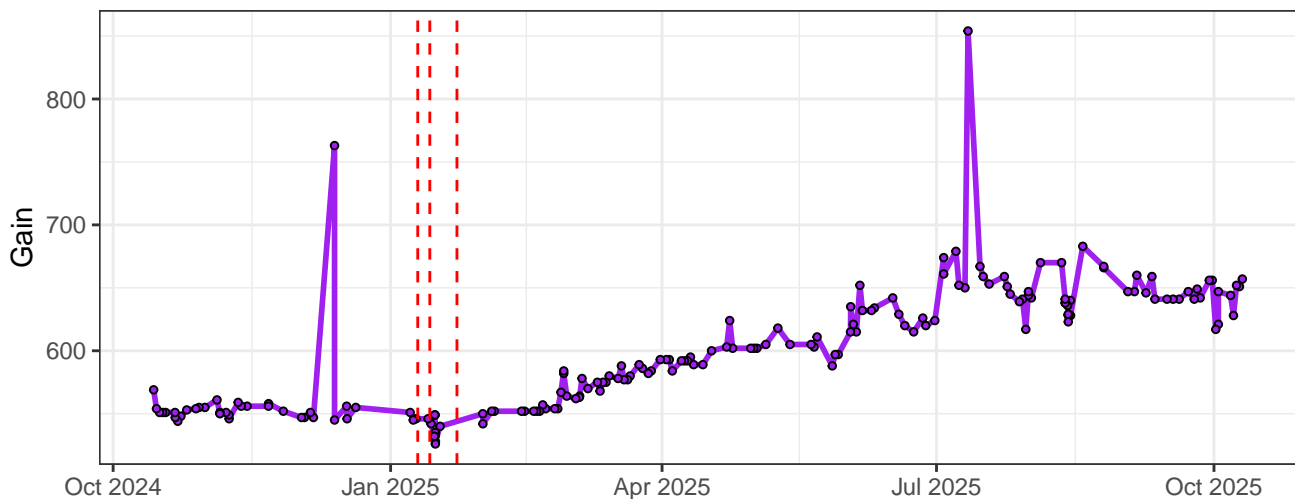
# UV5-Gain



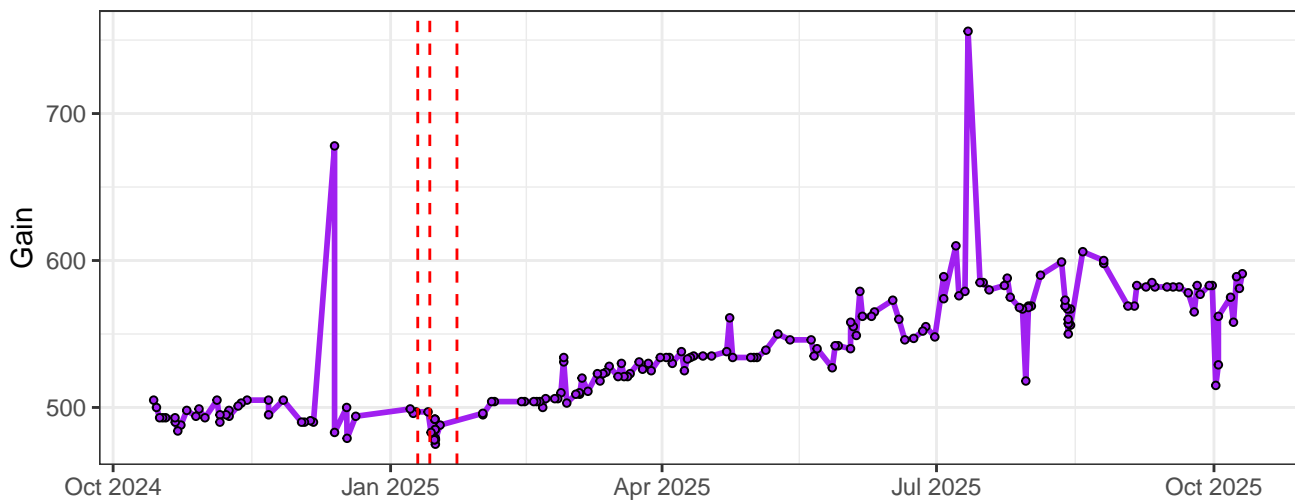
# UV6-Gain



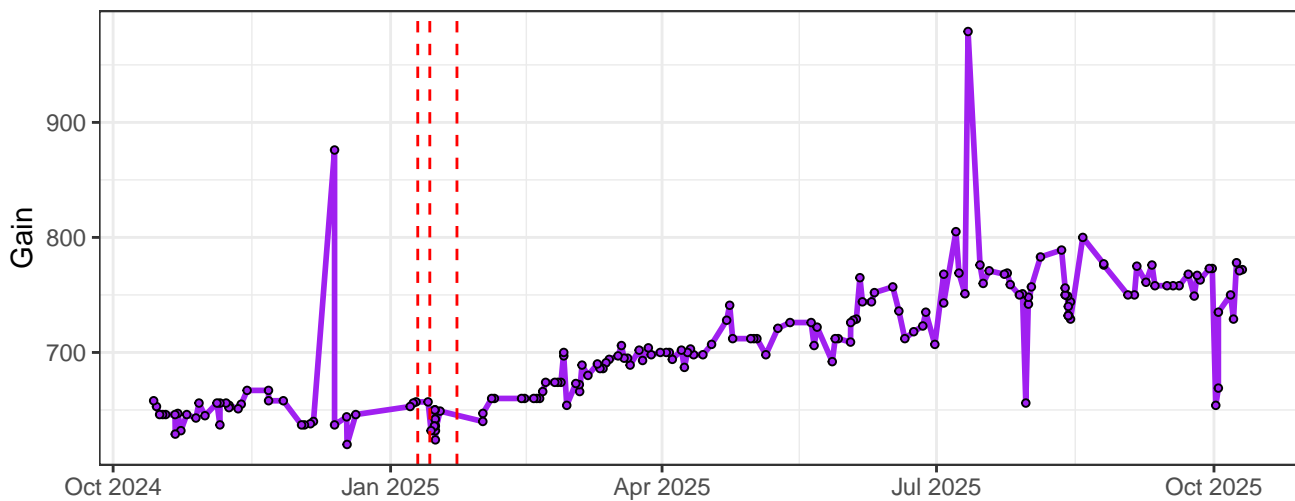
# UV7-Gain



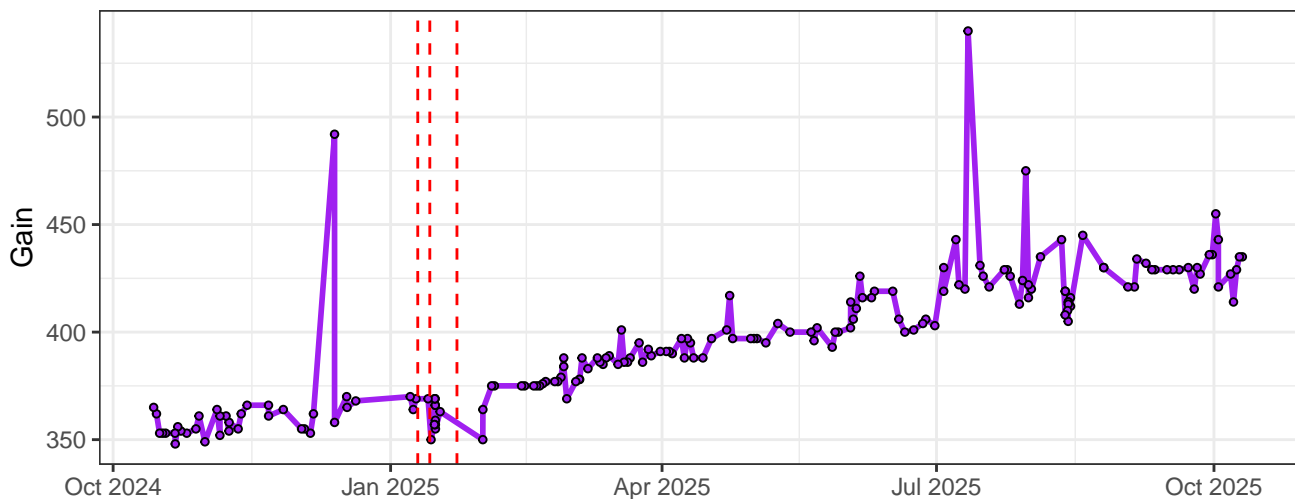
# UV8-Gain



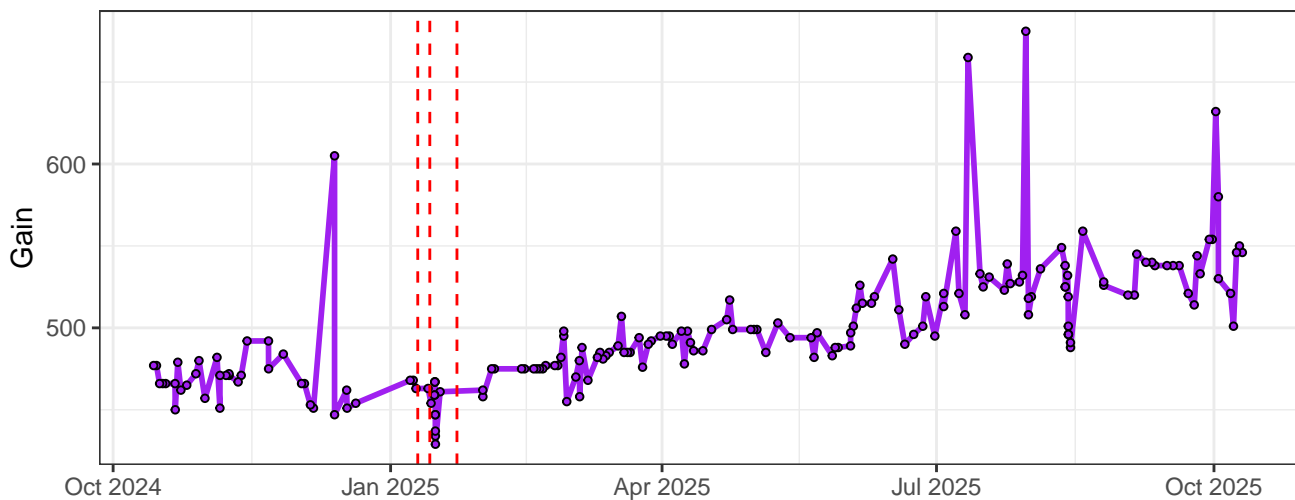
# UV9-Gain



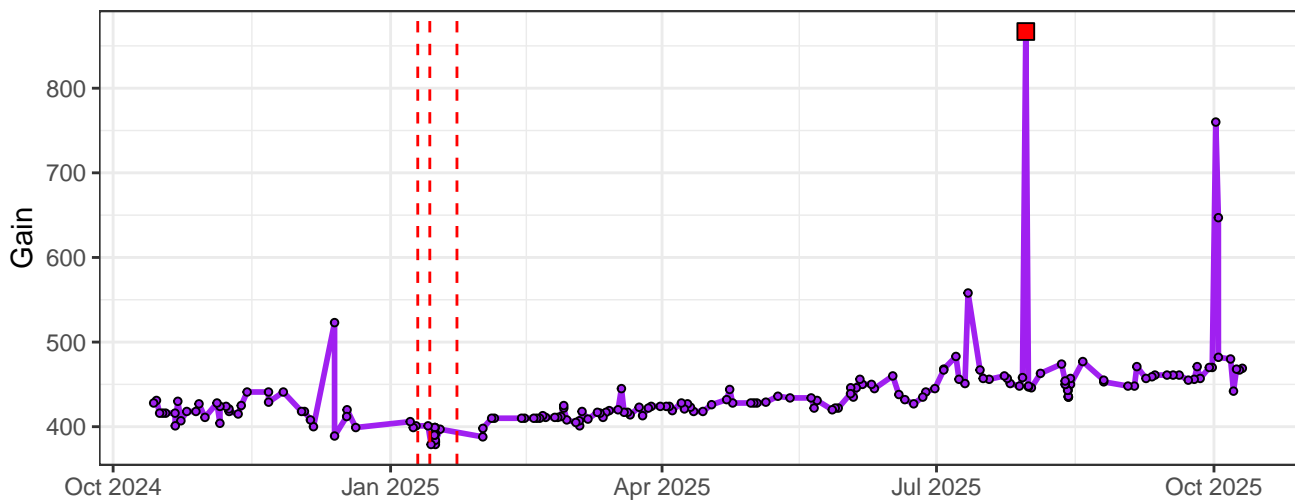
# UV10-Gain



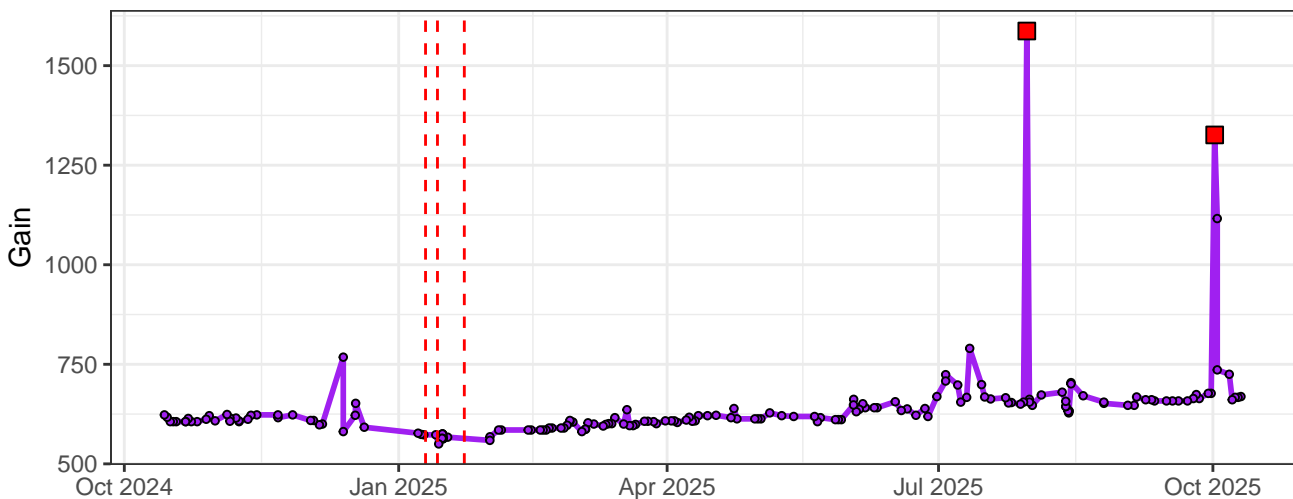
# UV11-Gain



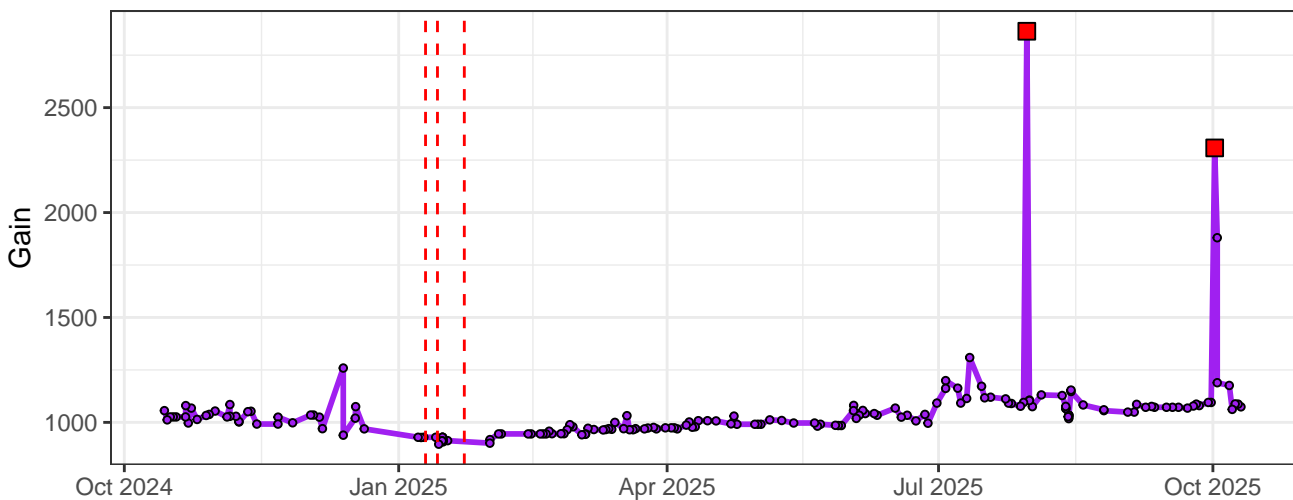
# UV12-Gain



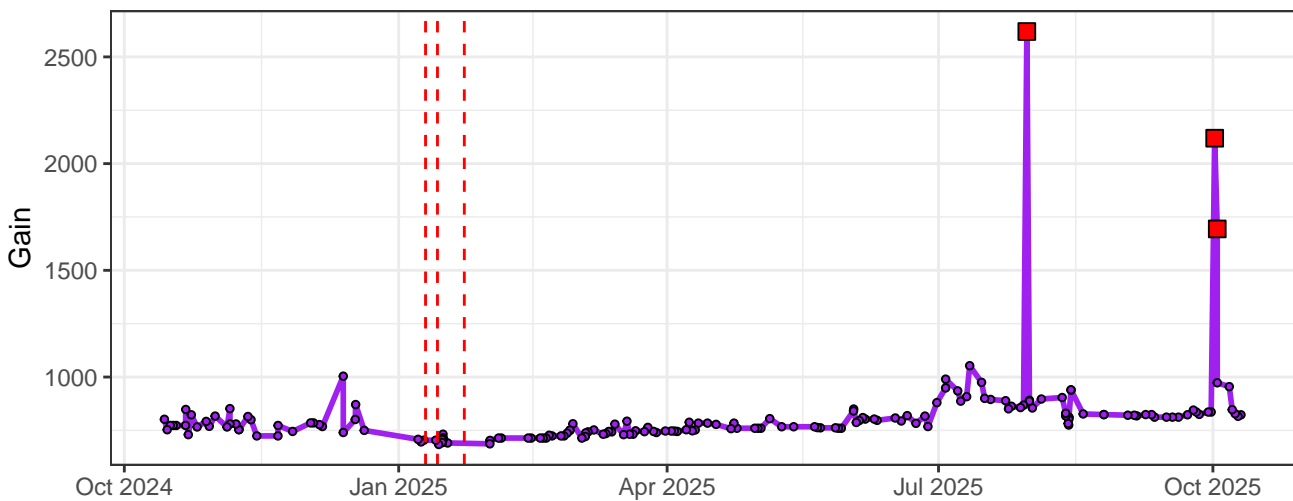
### UV13-Gain



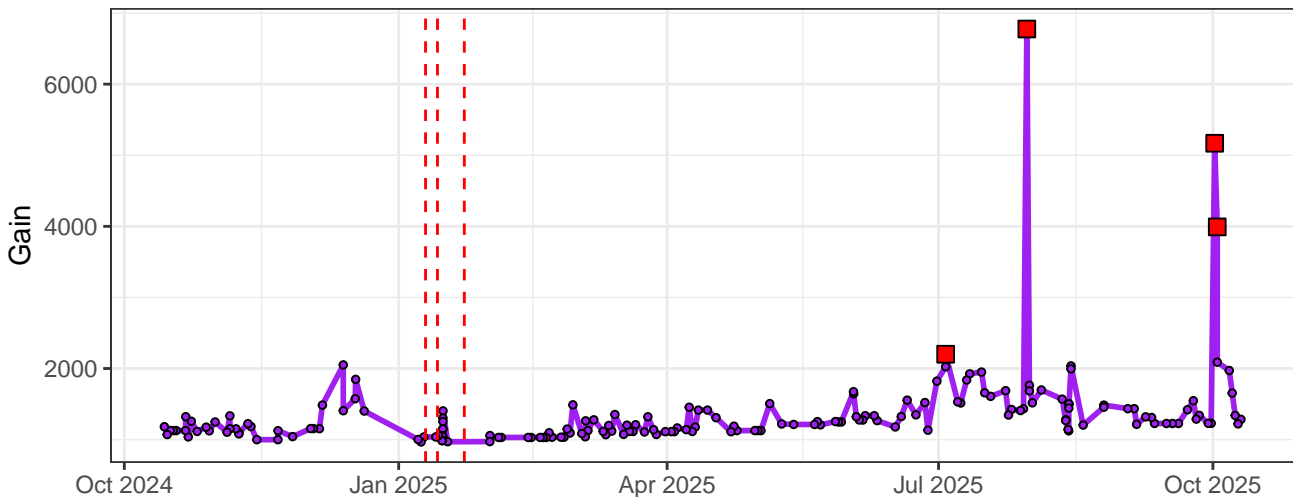
### UV14-Gain



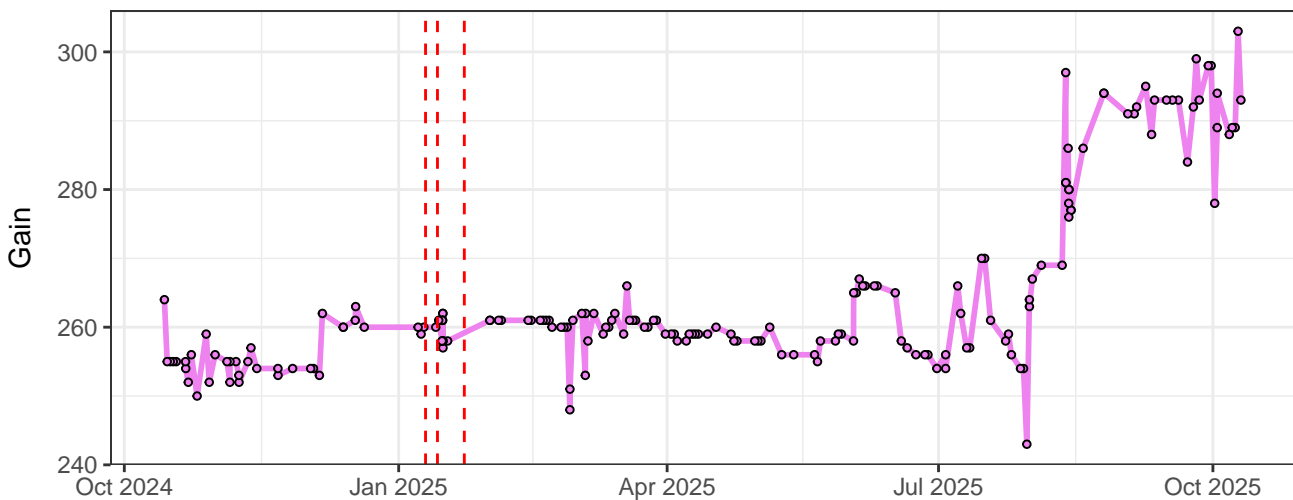
### UV15-Gain



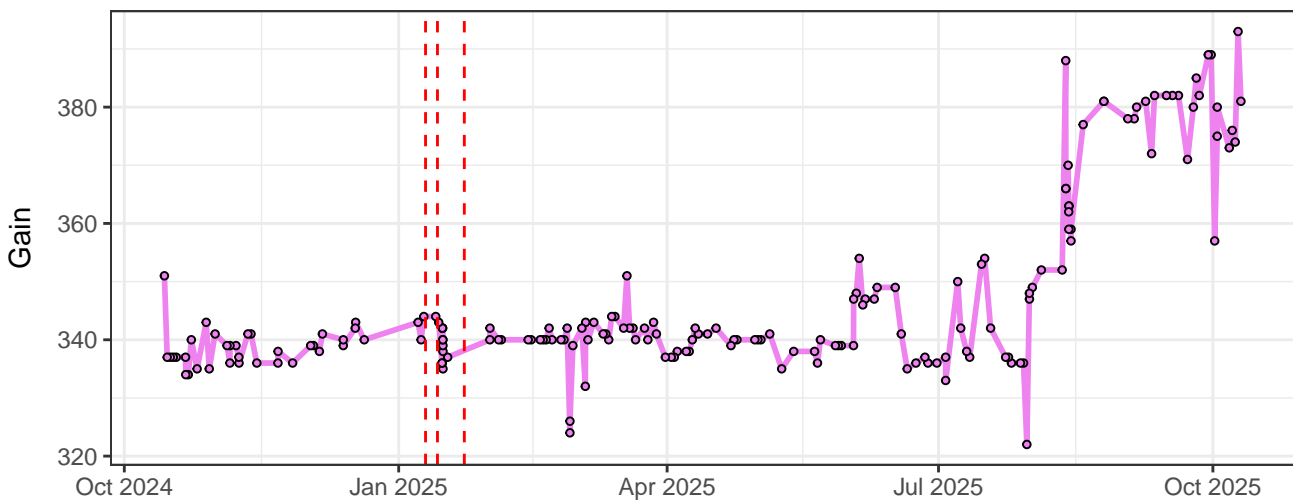
# UV16-Gain



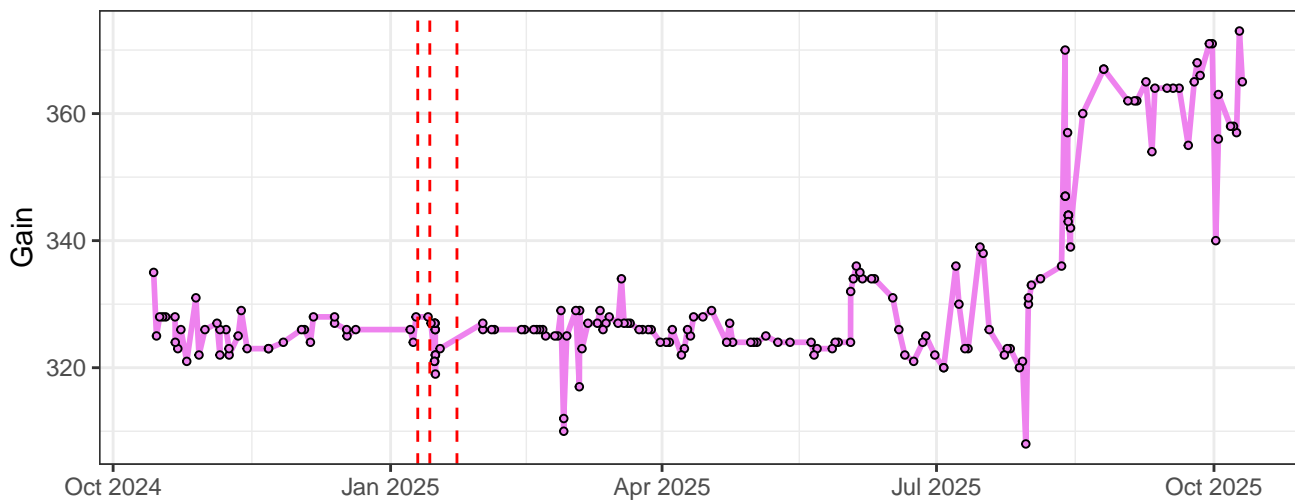
# V1-Gain



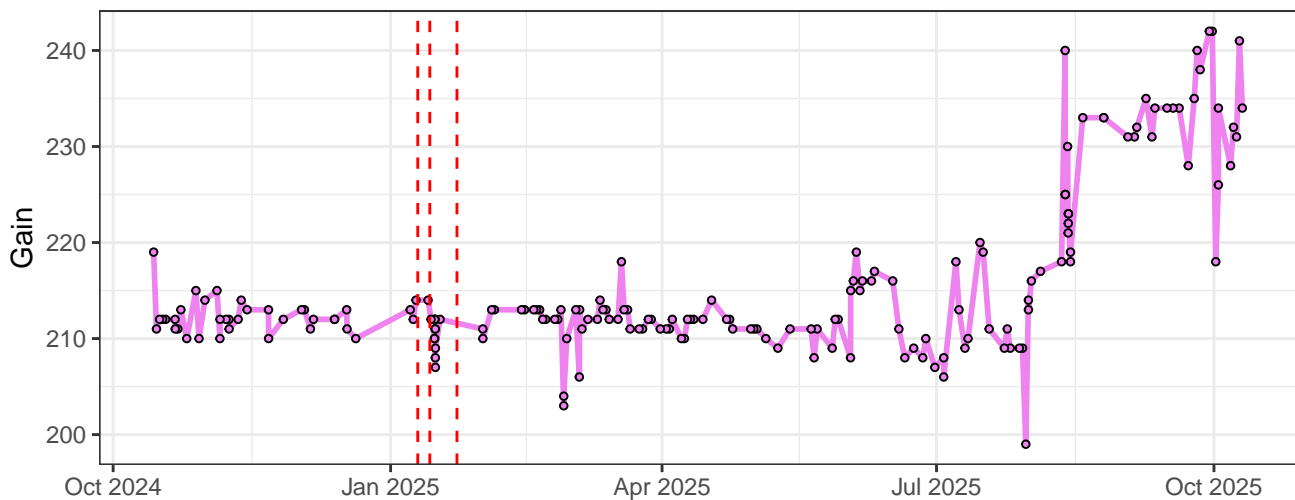
# V2-Gain



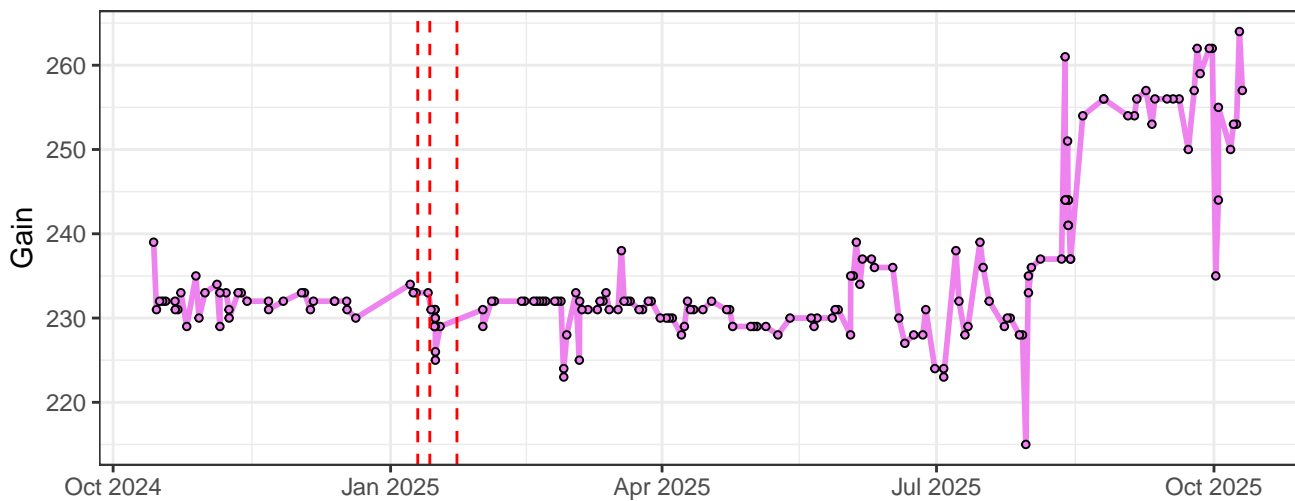
V3-Gain



V4-Gain

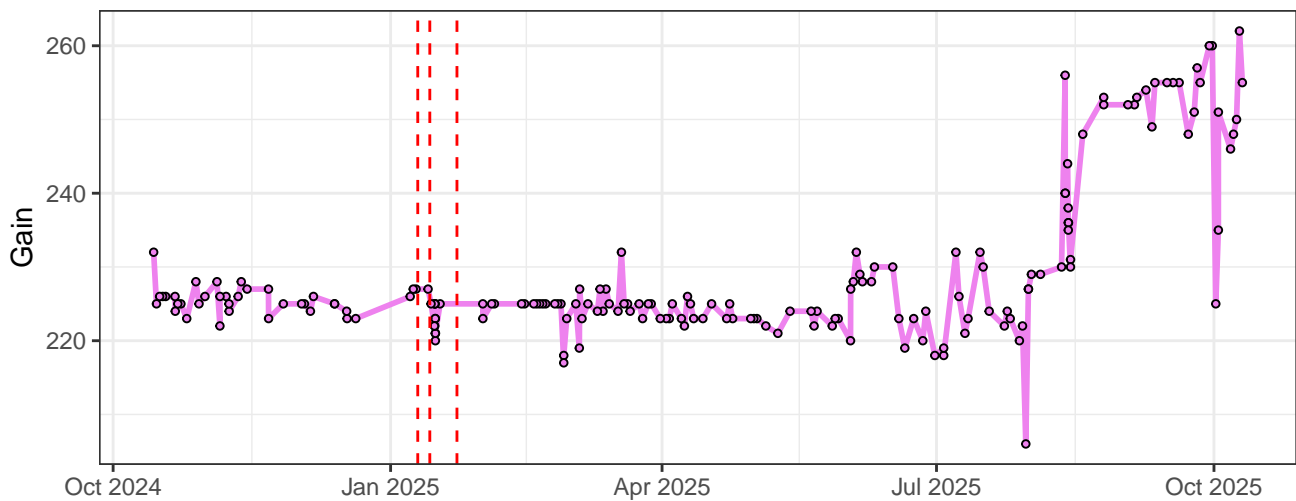


V5-Gain

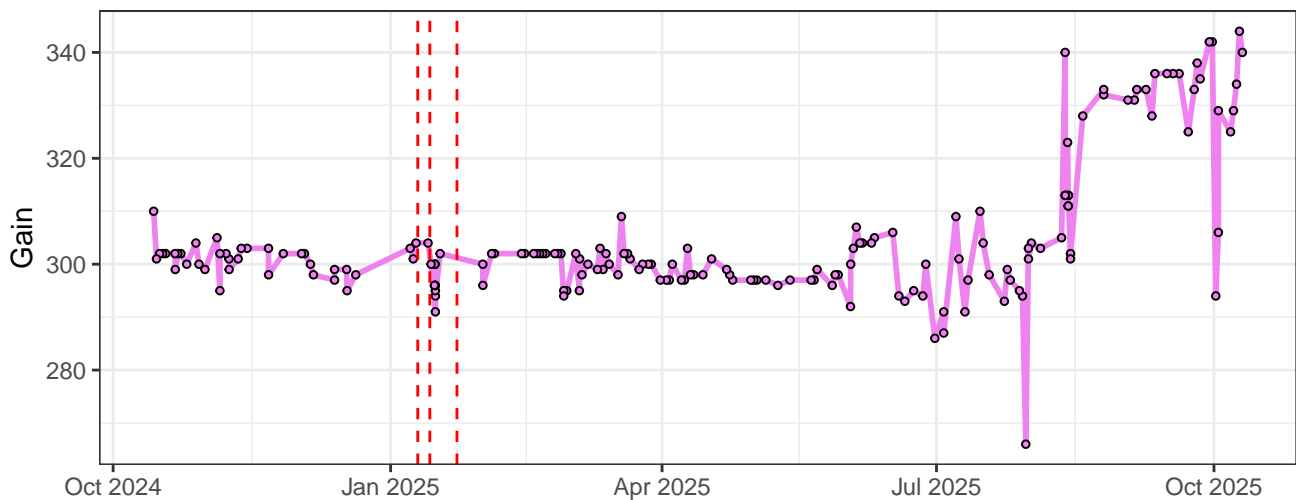




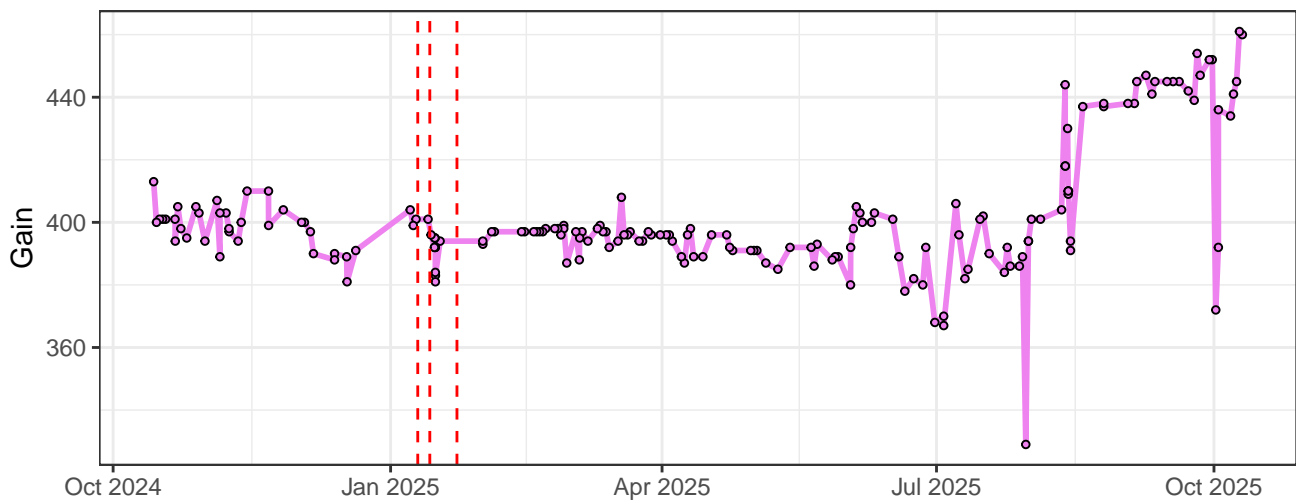
### V6-Gain



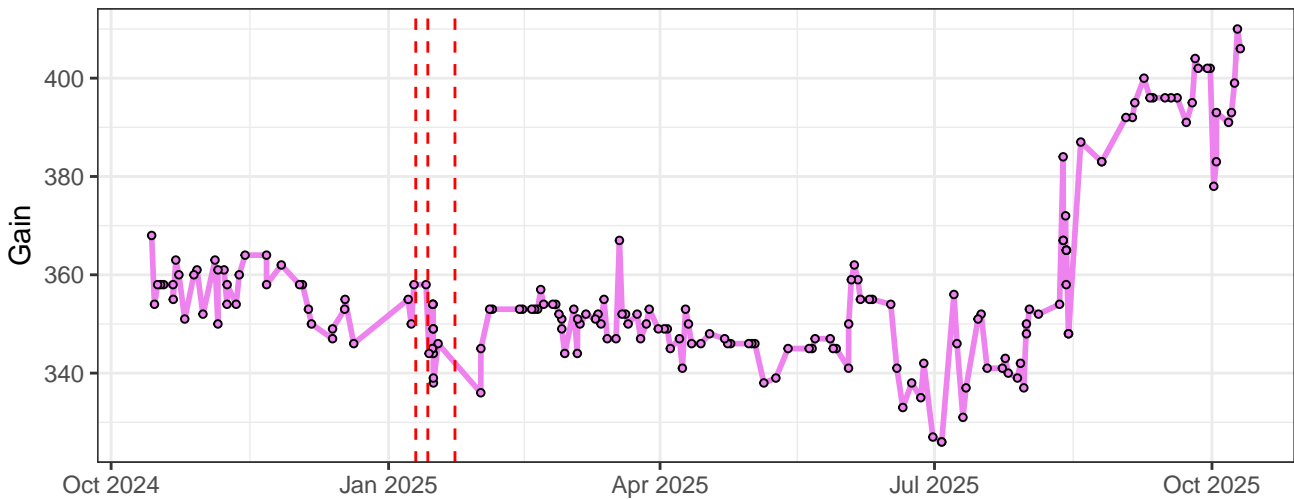
### V7-Gain



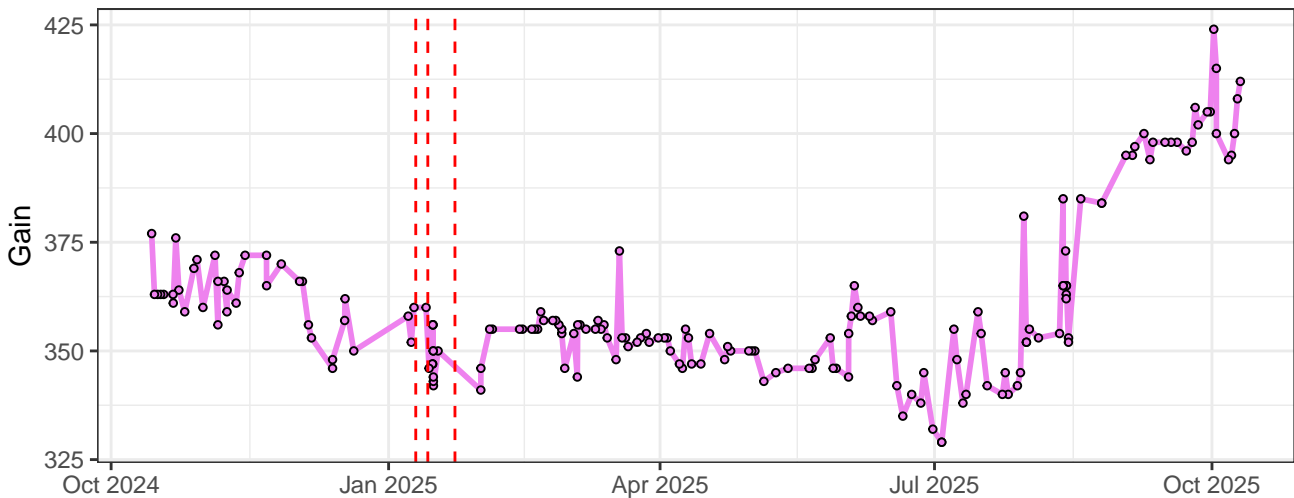
### V8-Gain



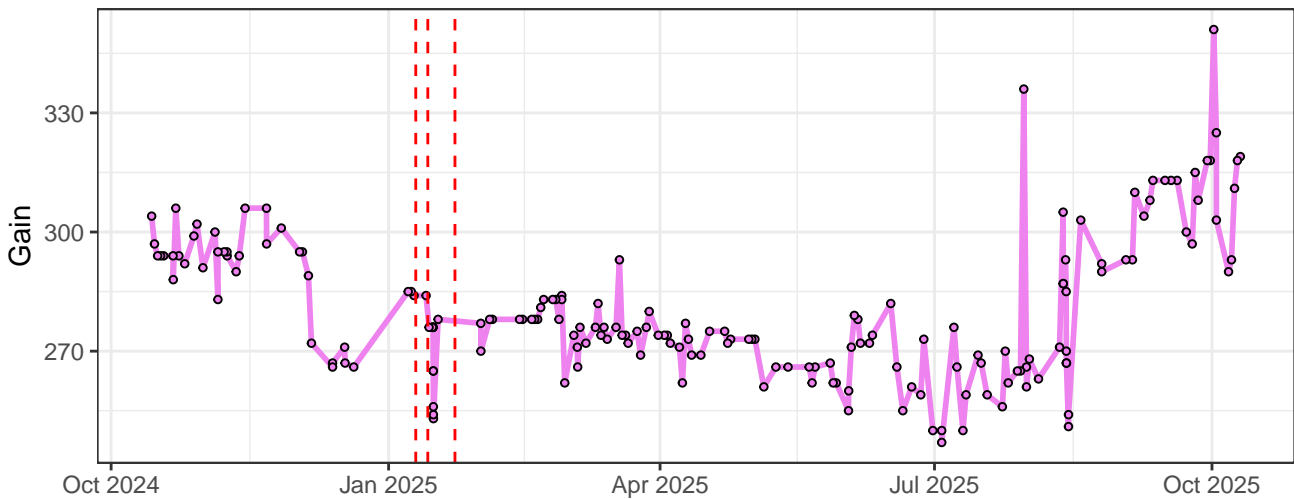
### V9-Gain



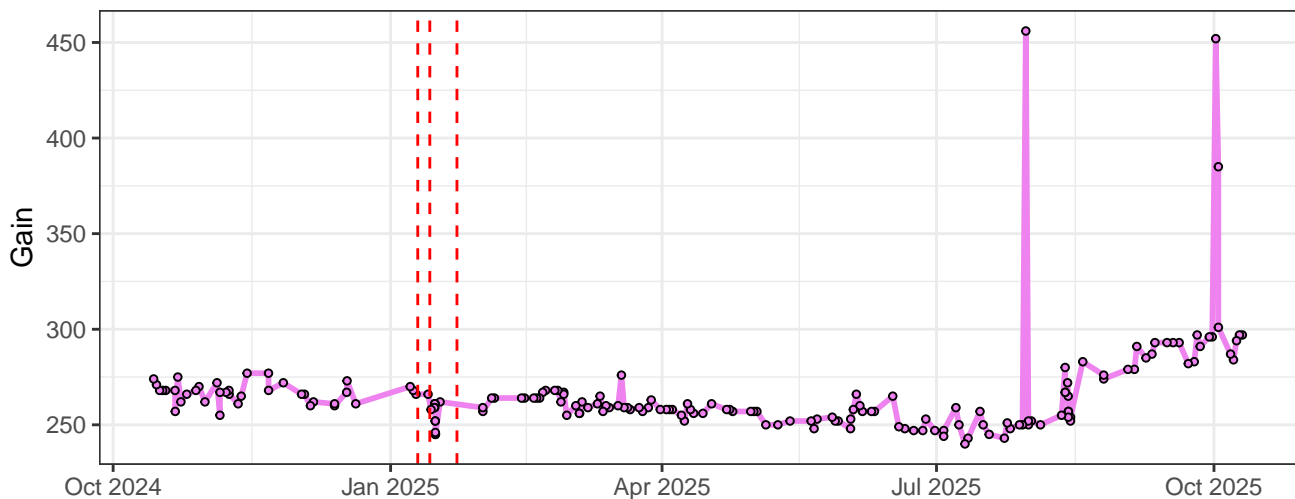
### V10-Gain



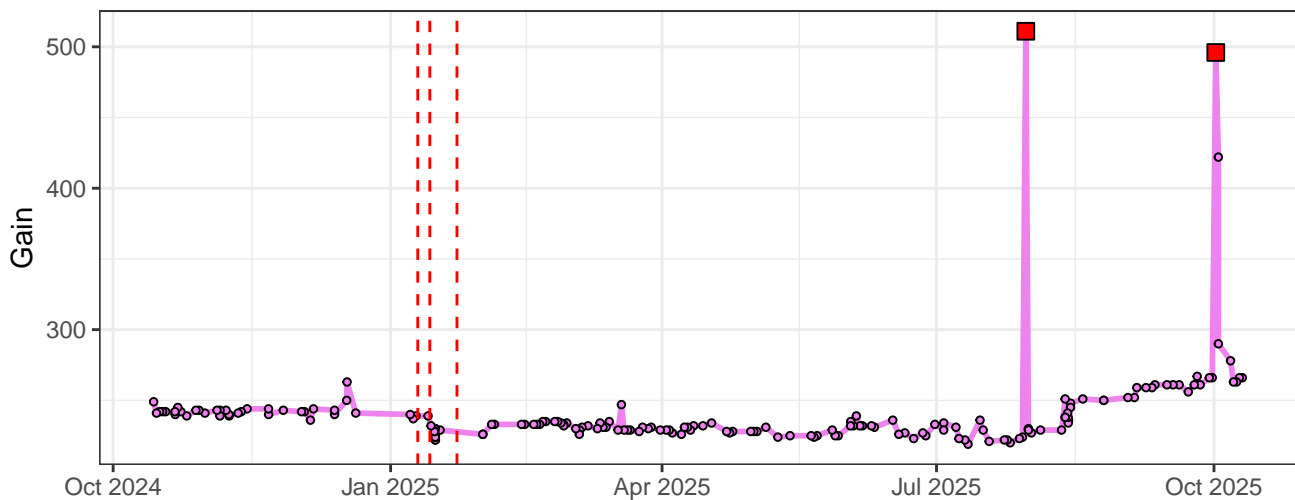
### V11-Gain



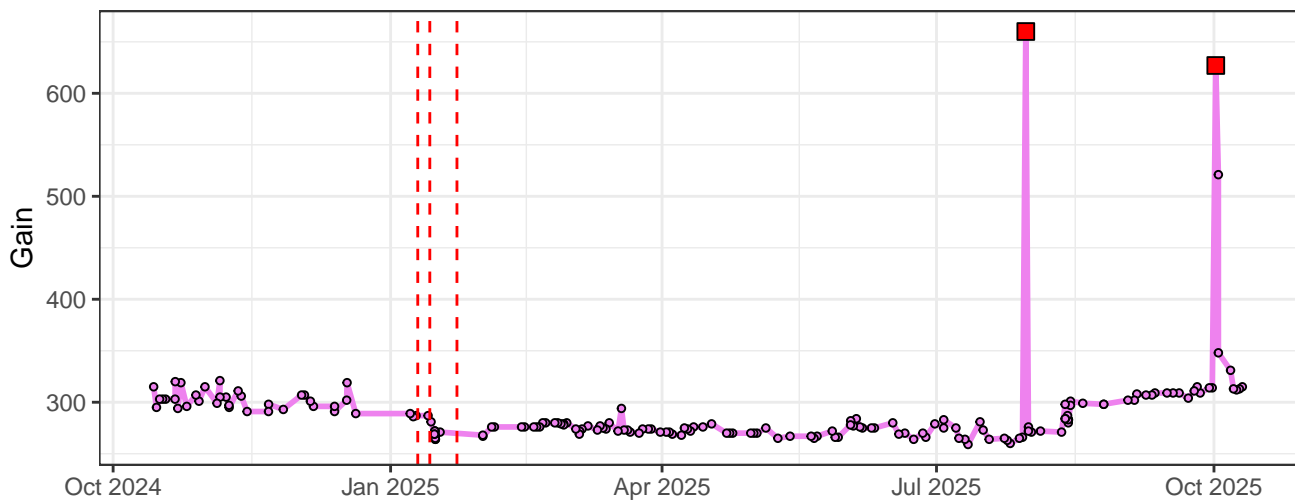
### V12-Gain



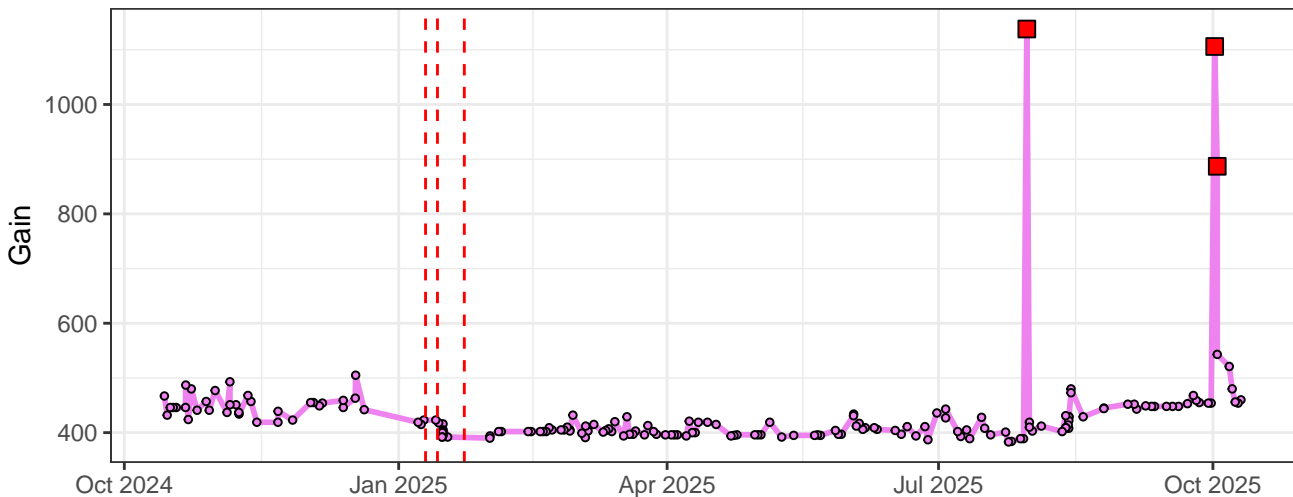
### V13-Gain



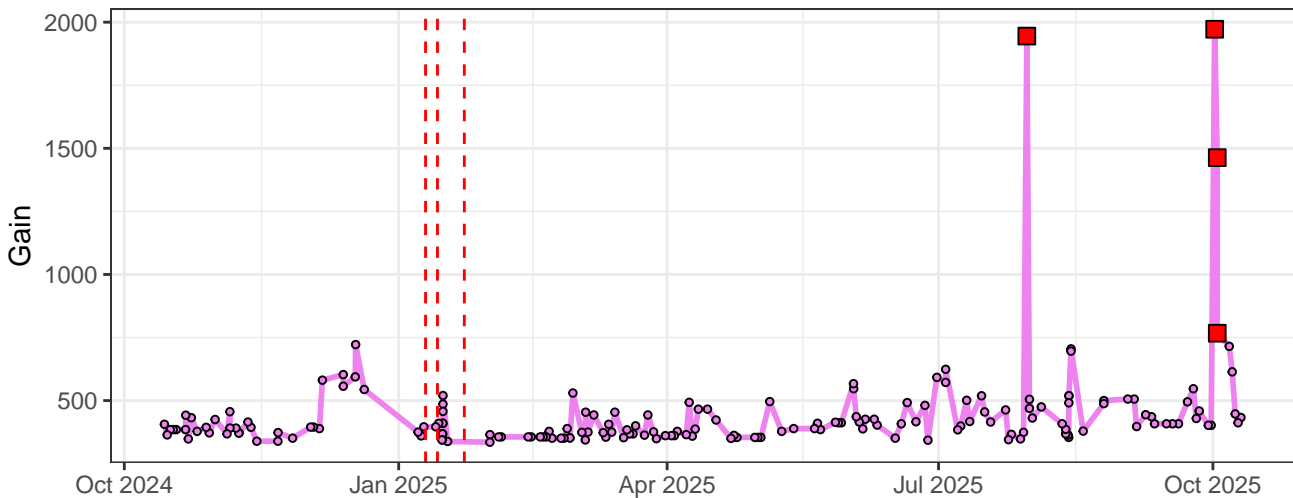
### V14-Gain



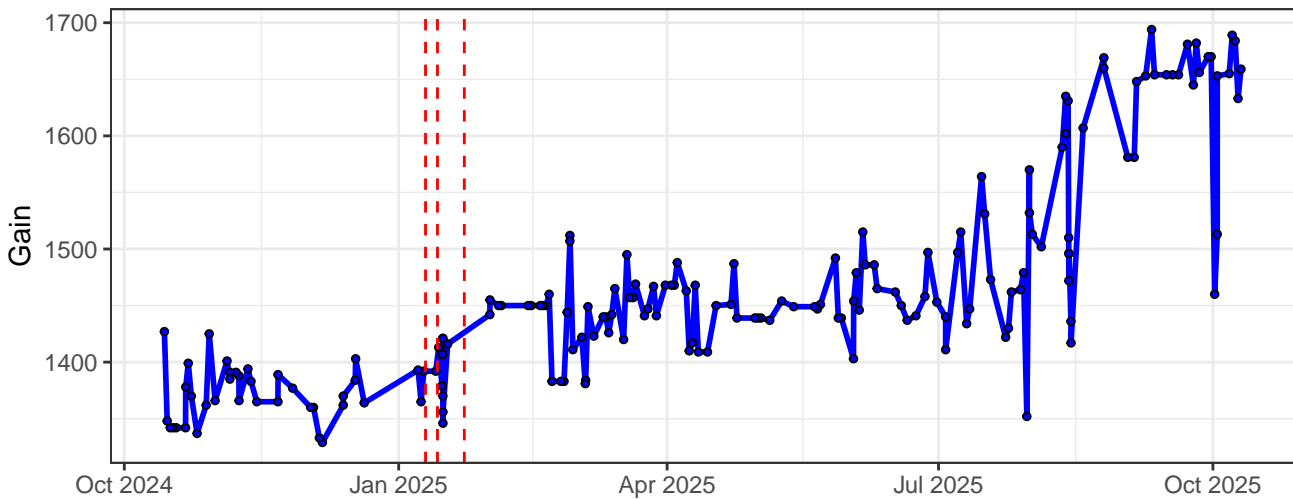
### V15-Gain



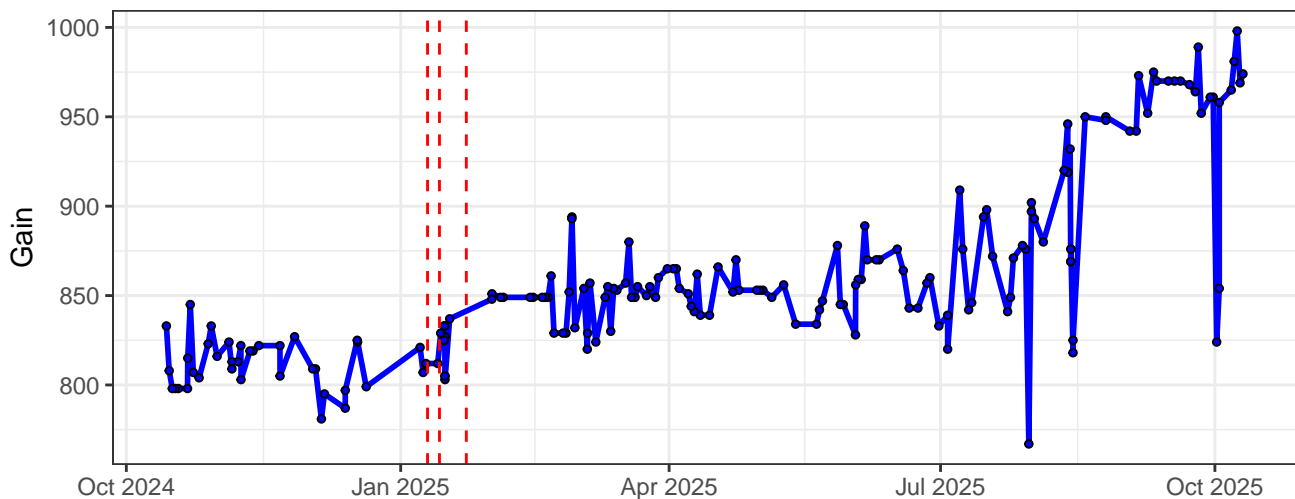
### V16-Gain



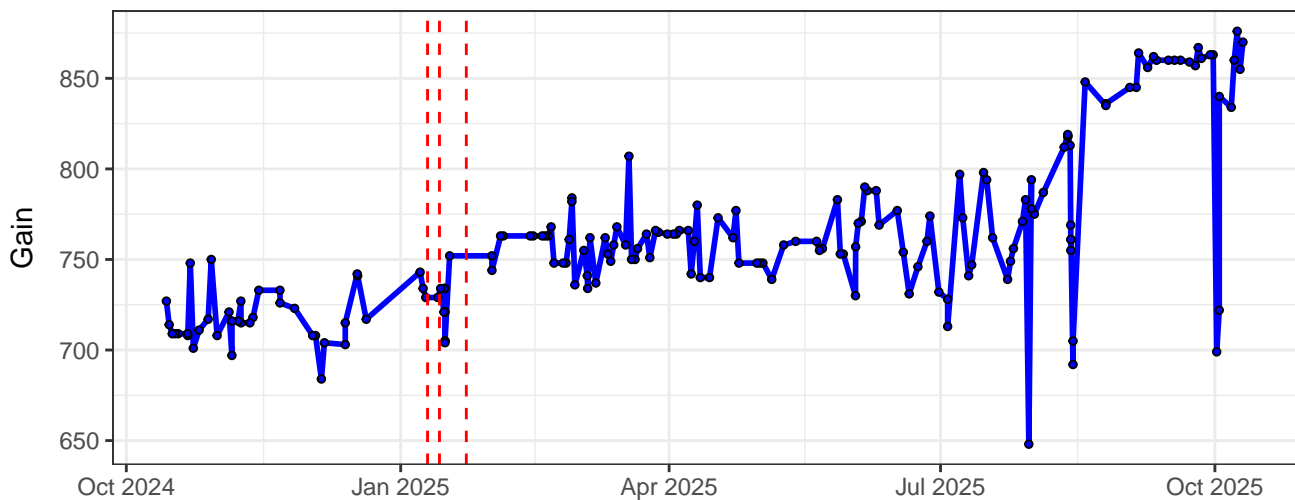
### B1-Gain



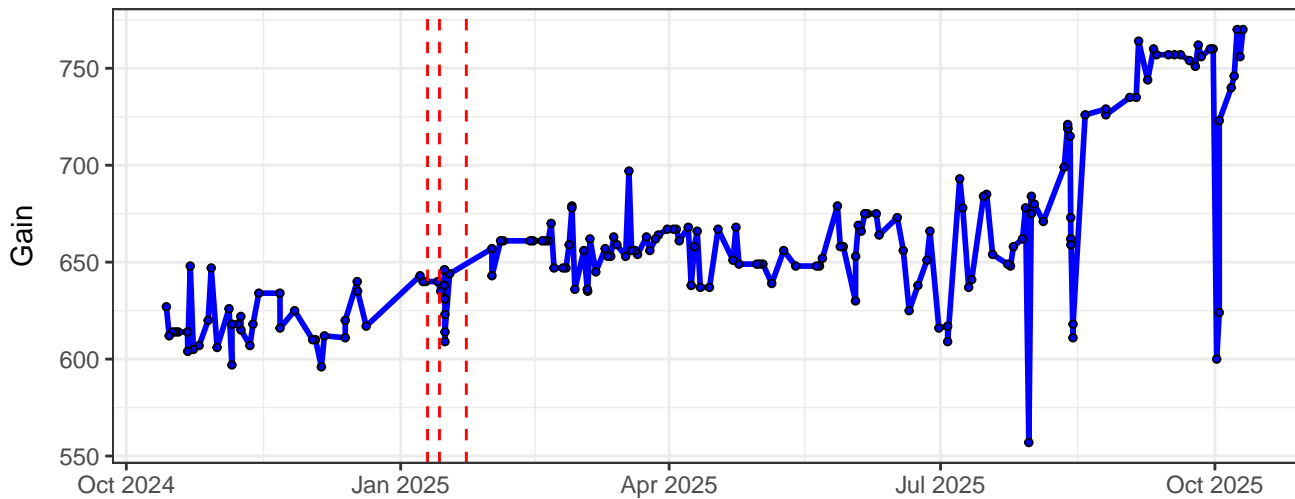
### B2-Gain



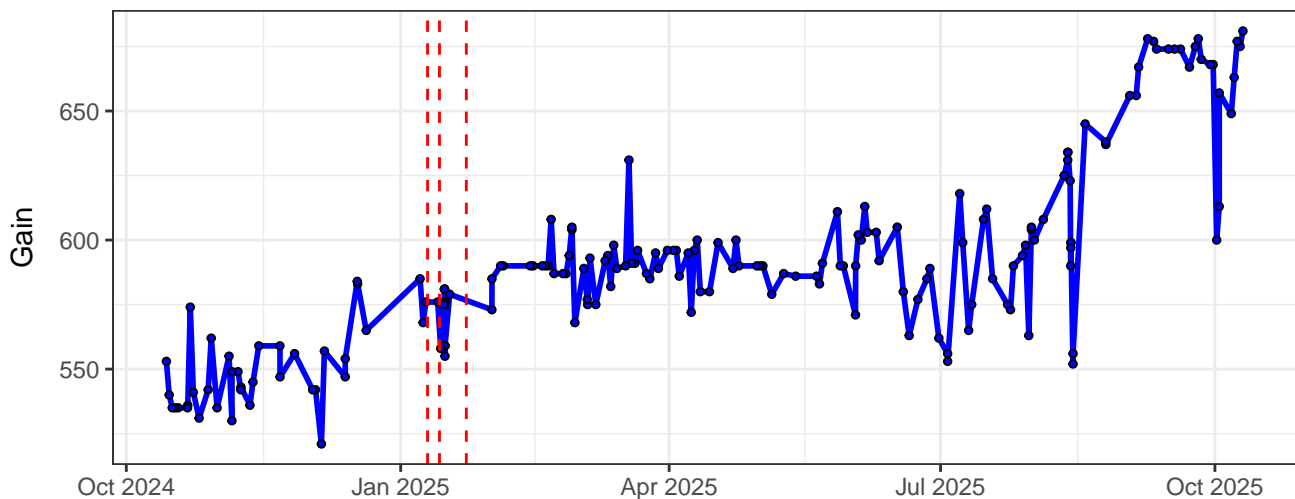
### B3-Gain



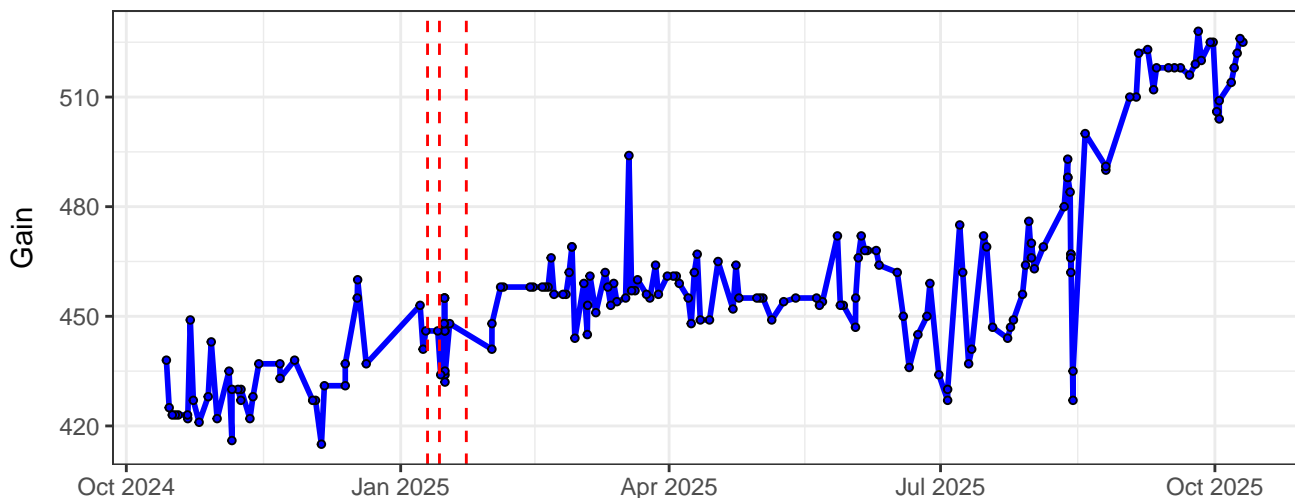
### B4-Gain



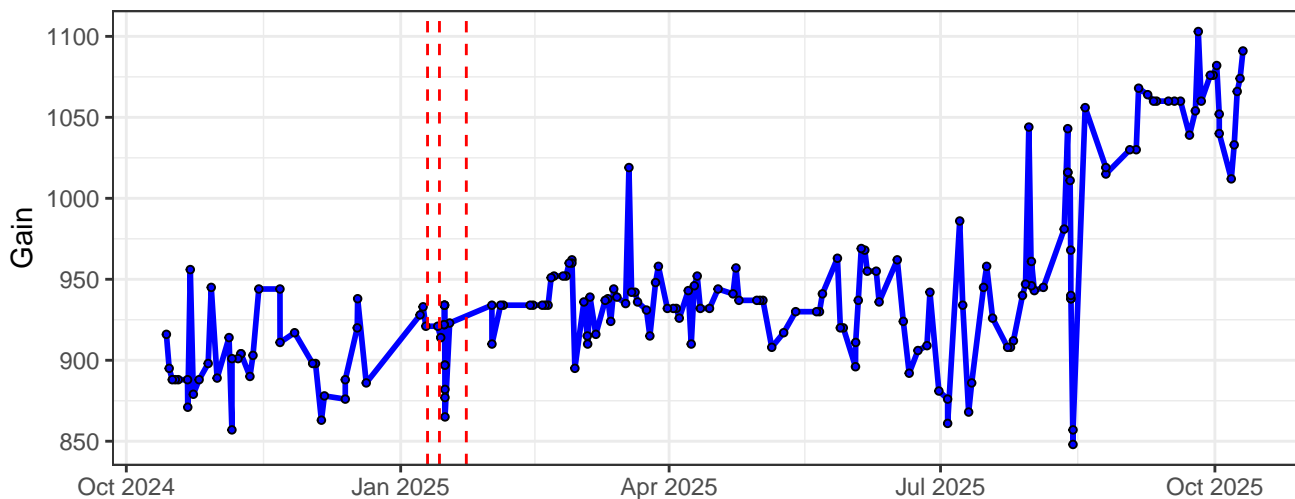
### B5-Gain



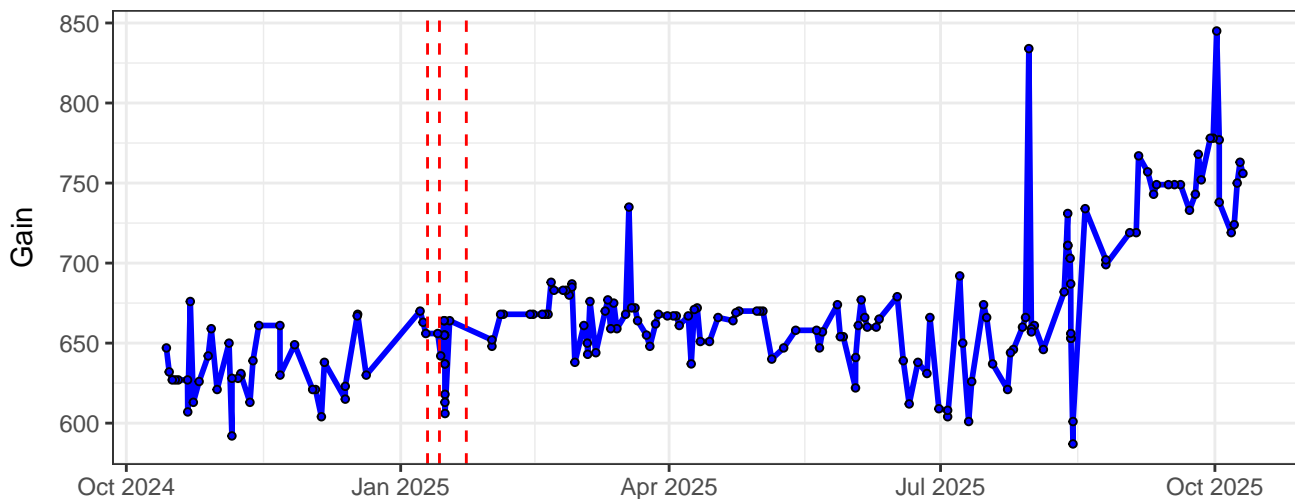
### B6-Gain



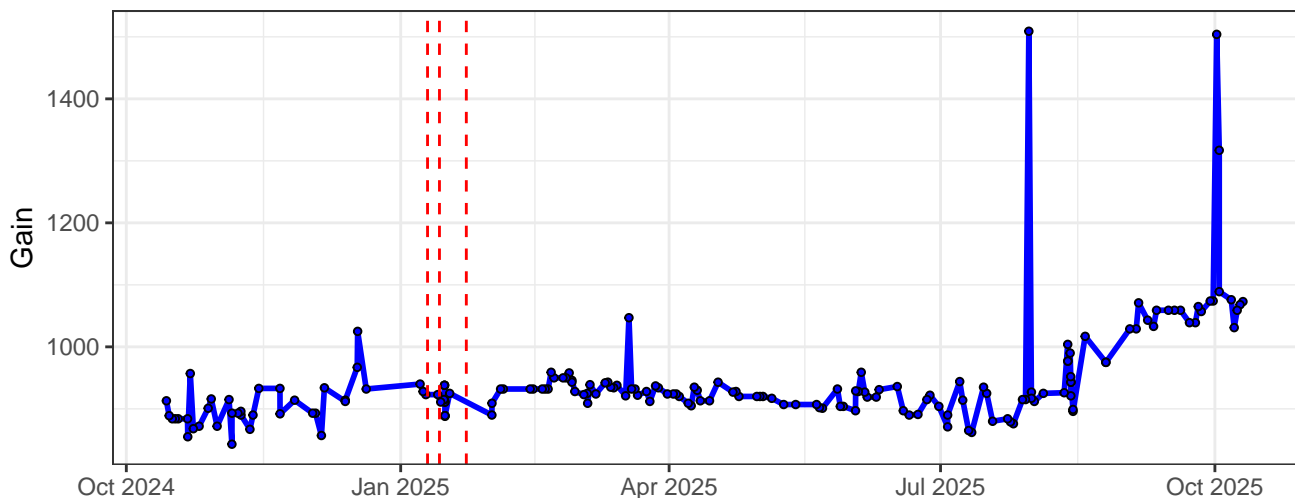
### B7-Gain



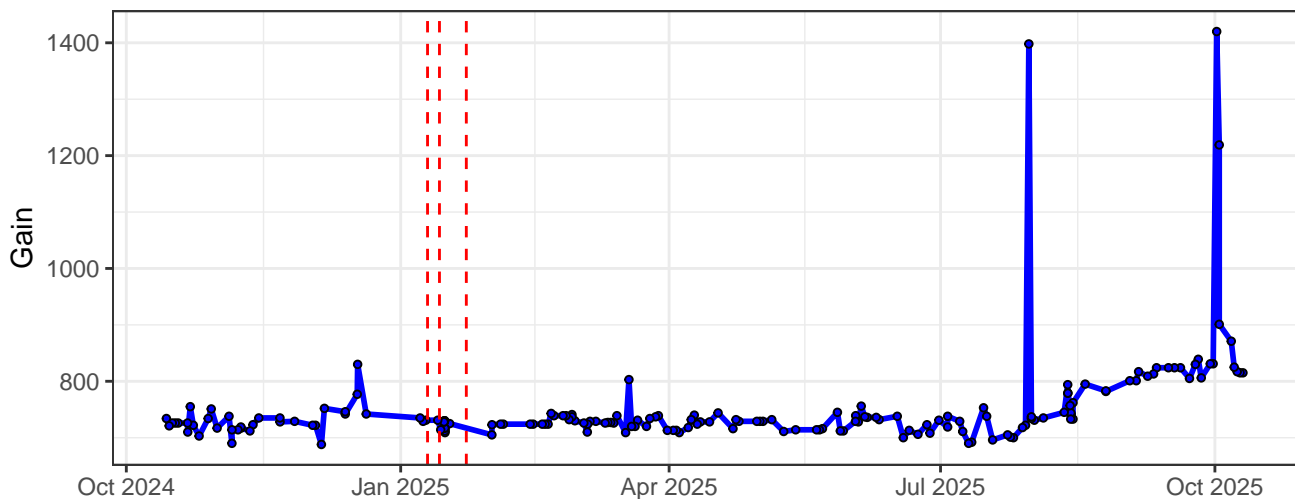
### B8-Gain



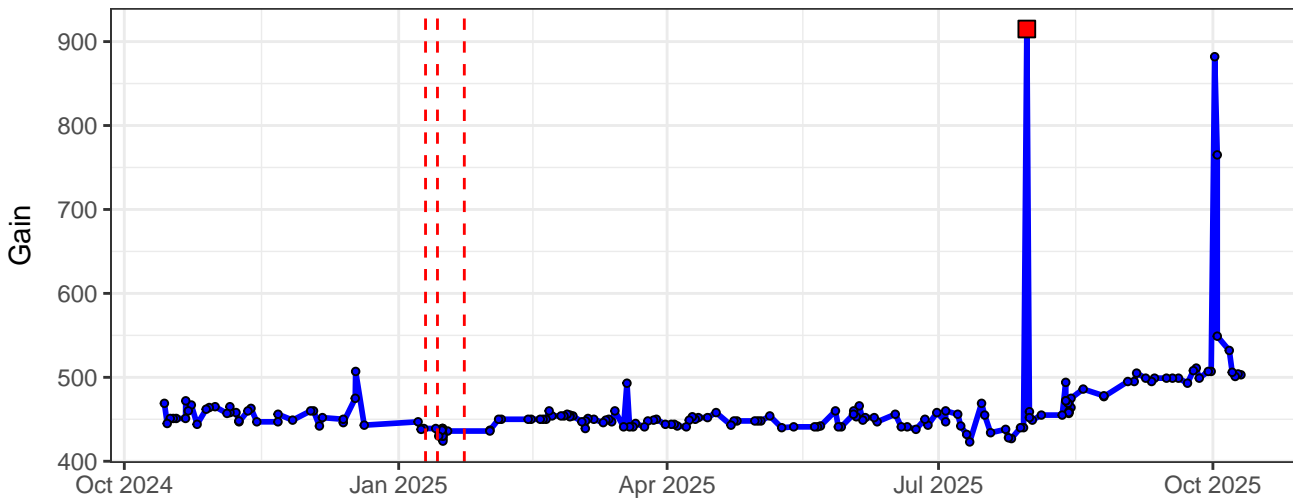
### B9-Gain



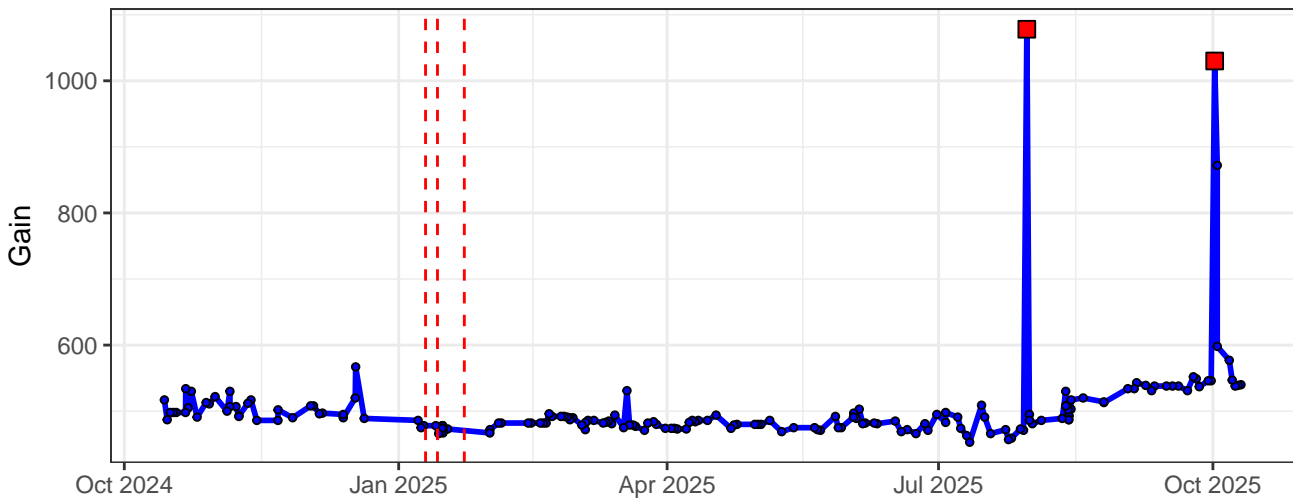
### B10-Gain



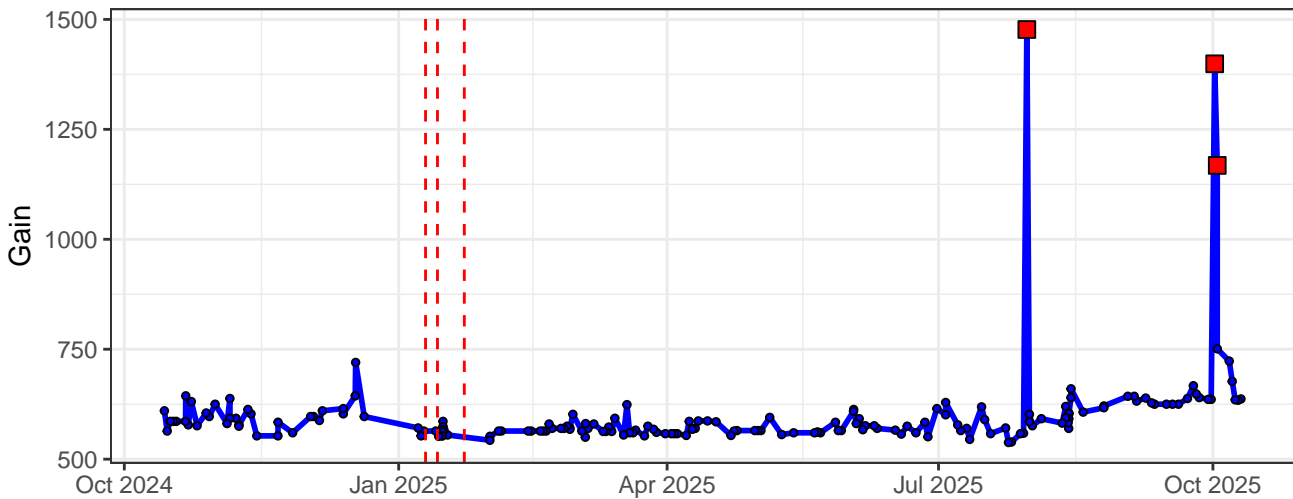
### B11-Gain



### B12-Gain

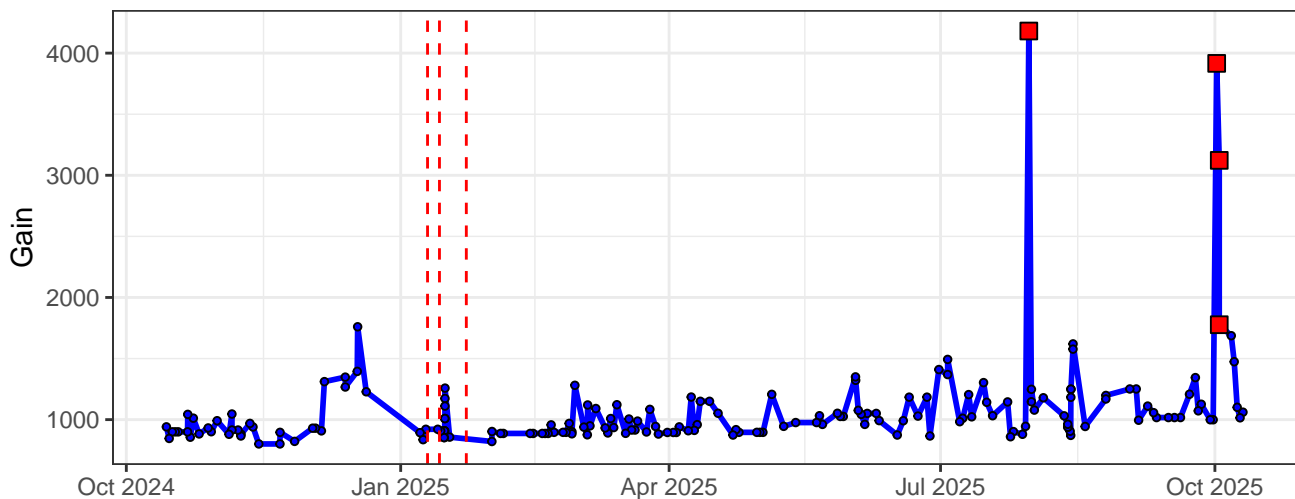


### B13-Gain

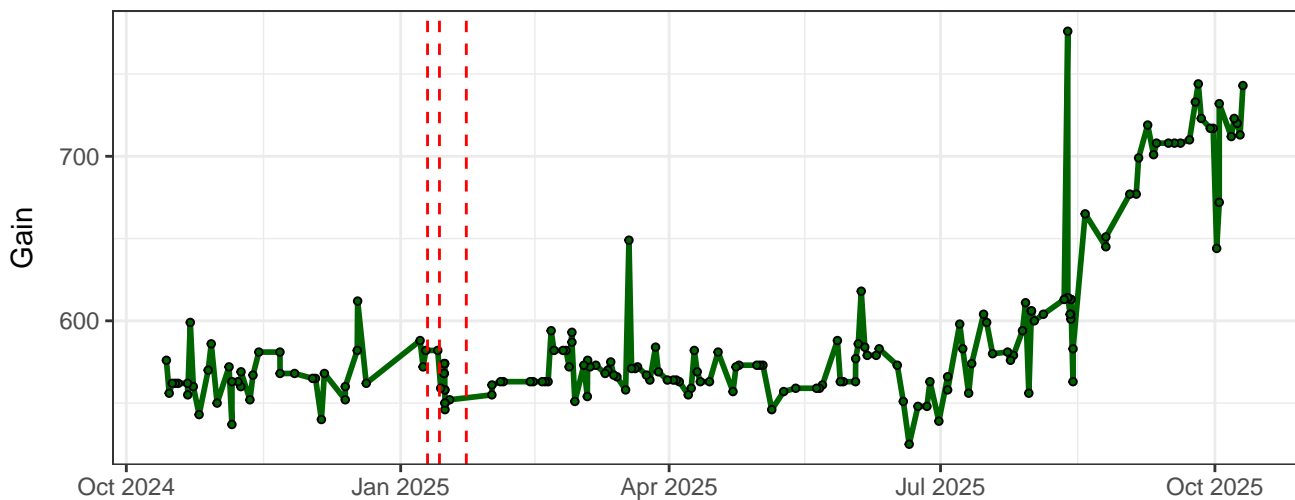




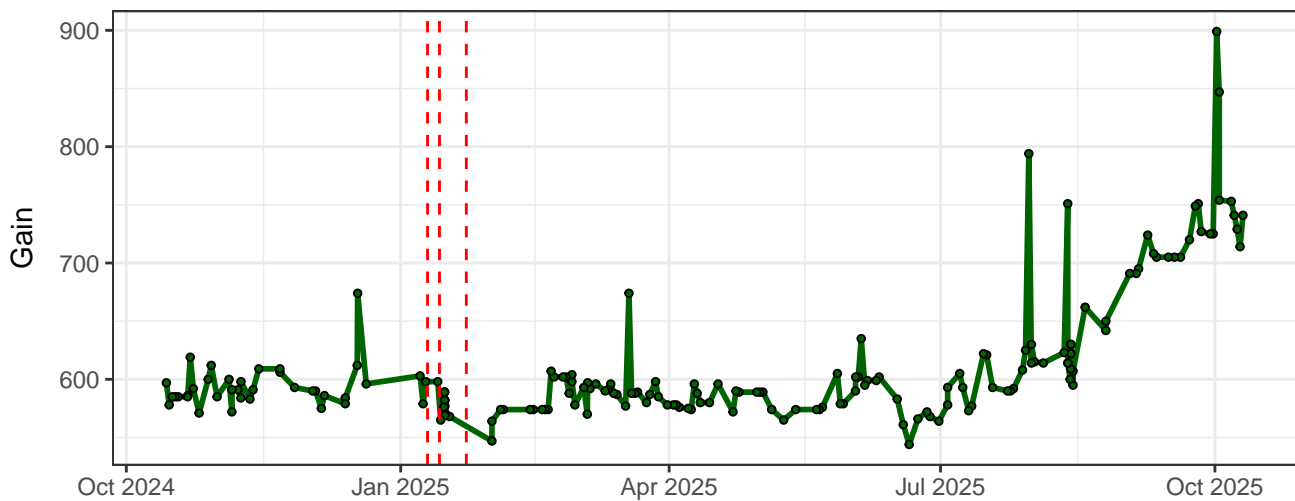
B14-Gain



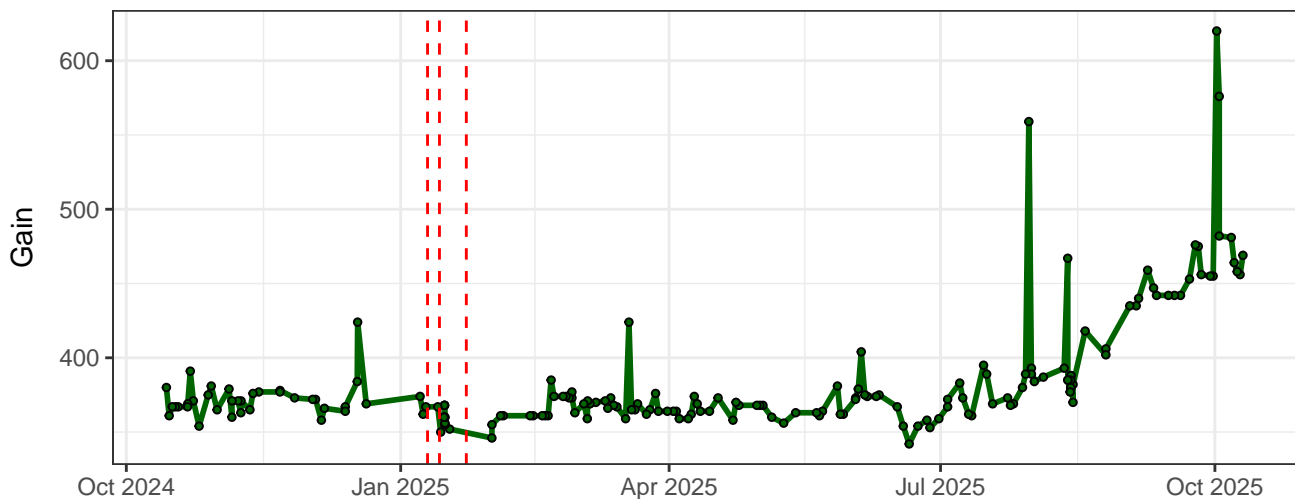
YG1-Gain



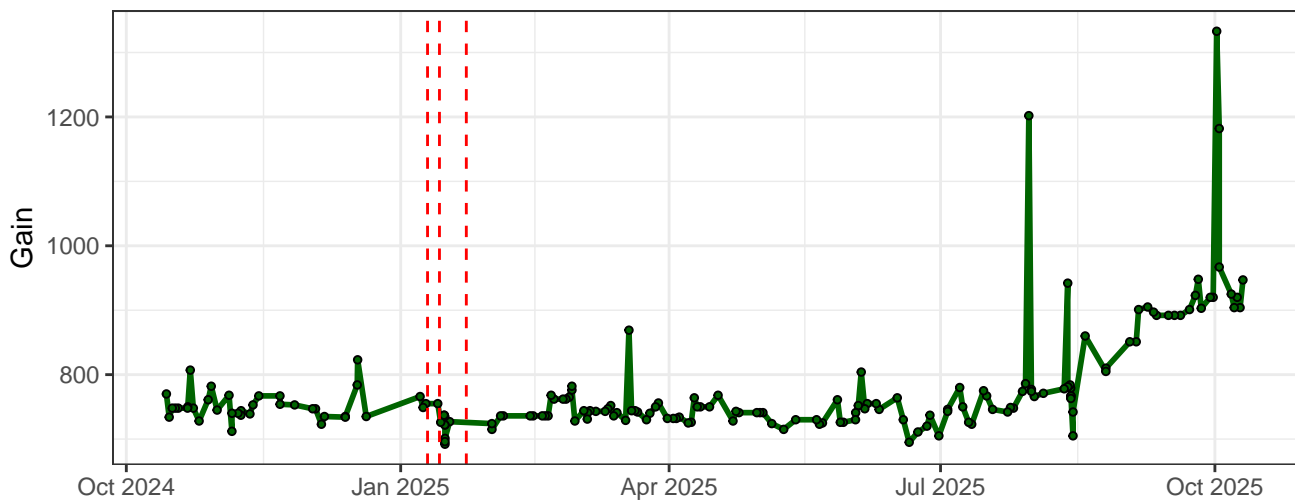
YG2-Gain



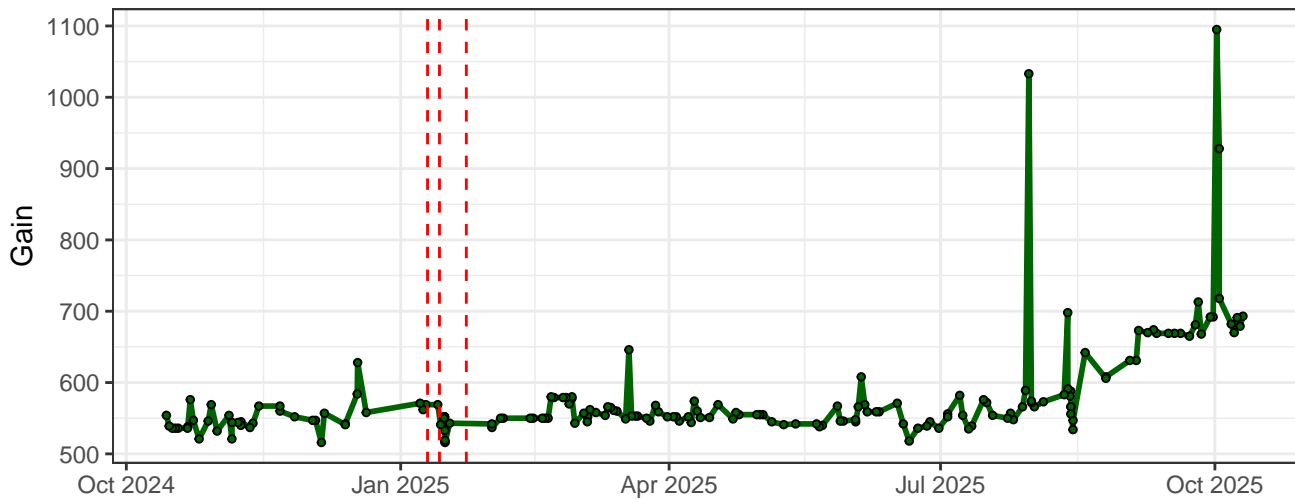
### YG3-Gain



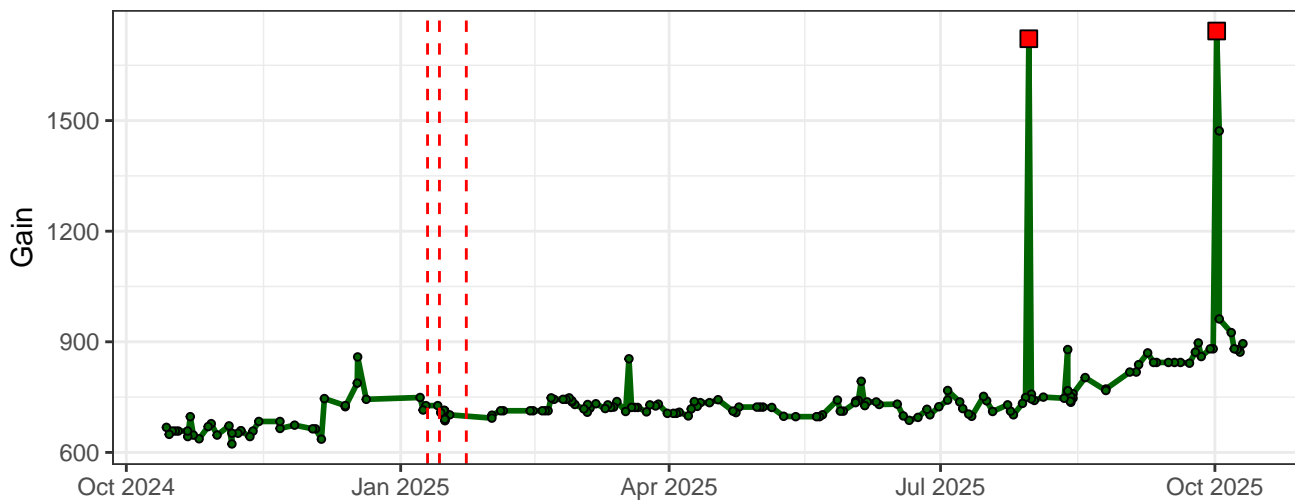
### YG4-Gain



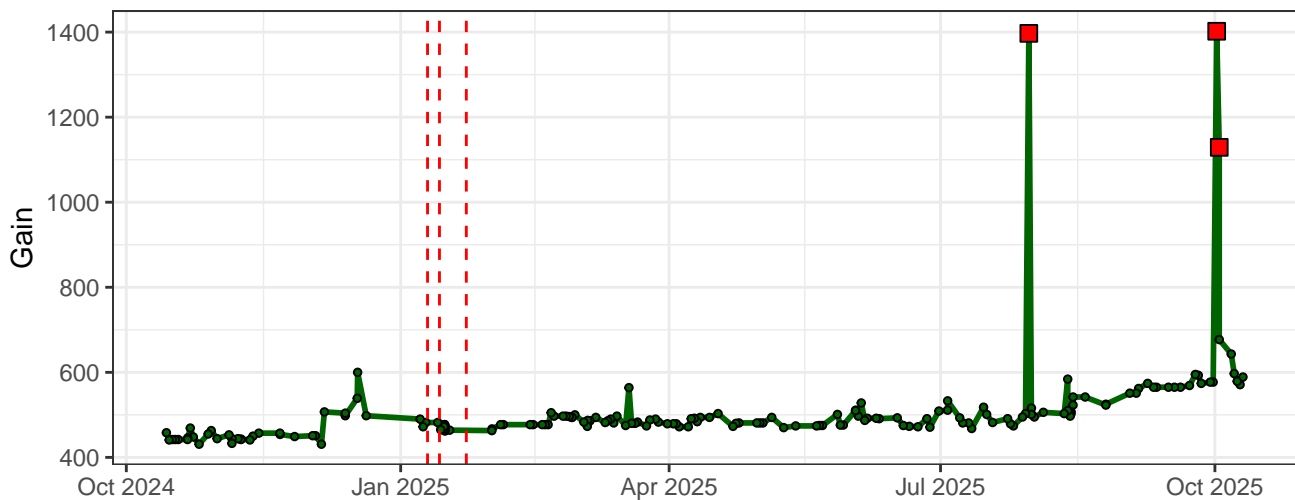
### YG5-Gain



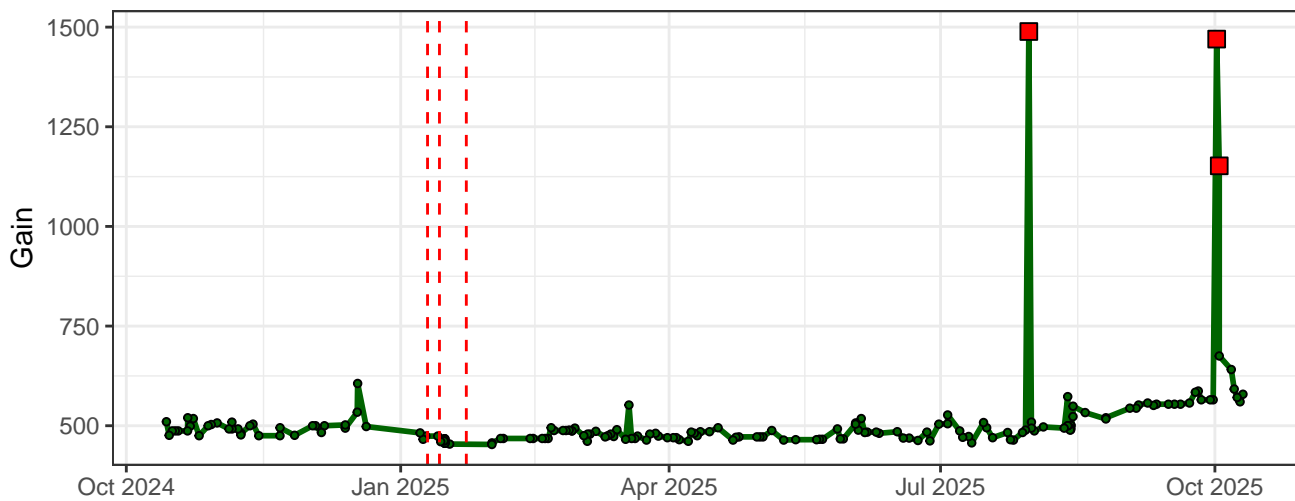
### YG6-Gain



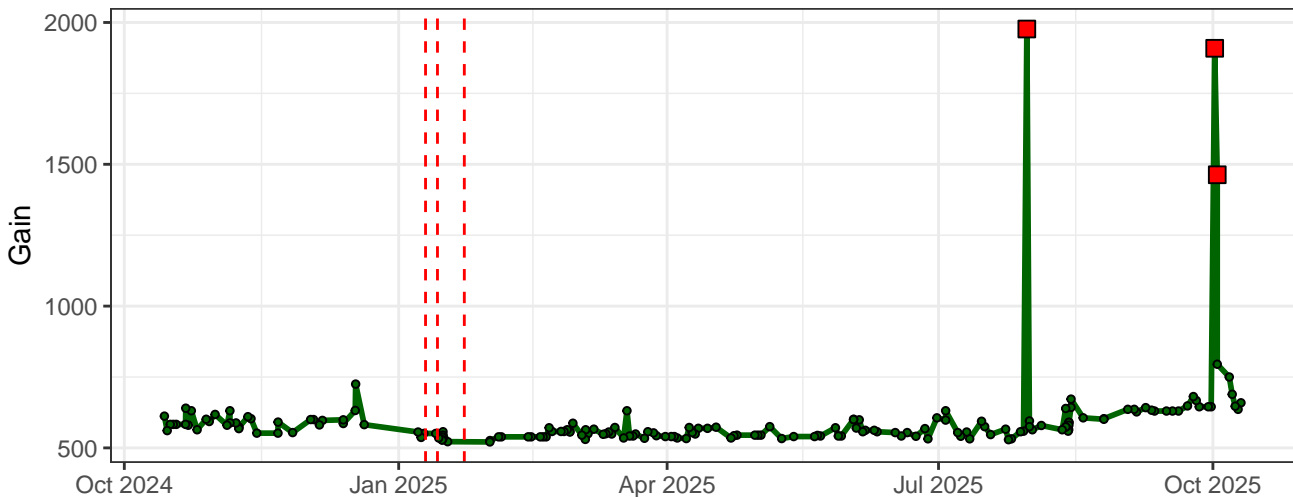
### YG7-Gain



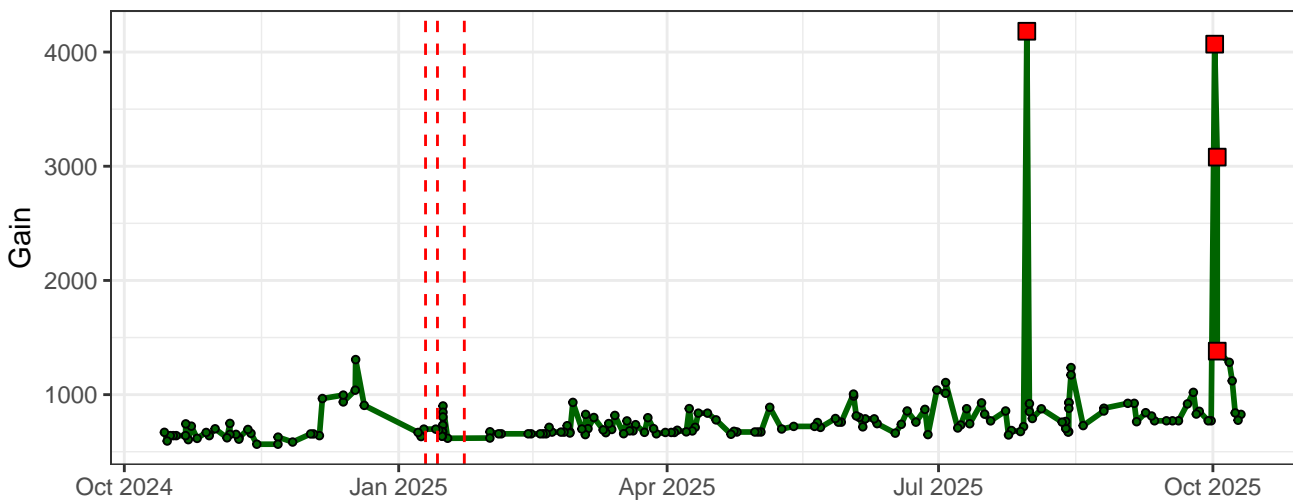
### YG8-Gain



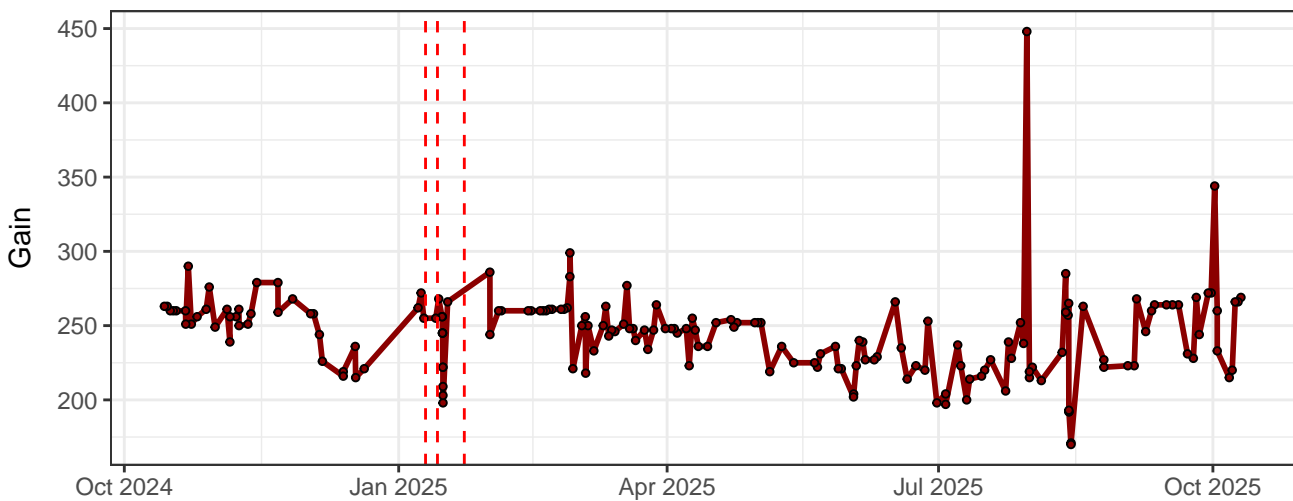
### YG9-Gain



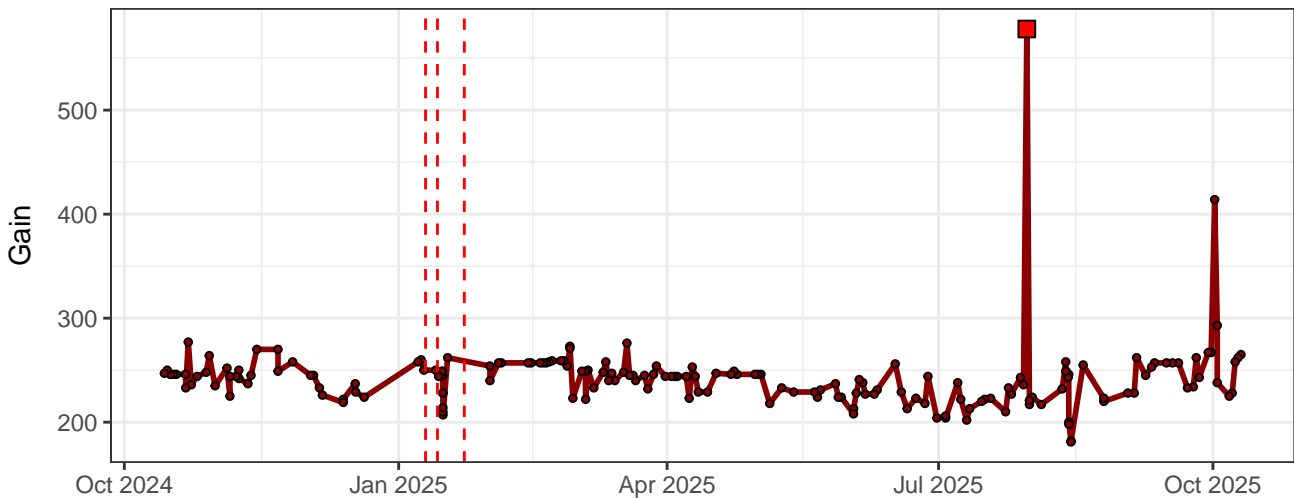
### YG10-Gain



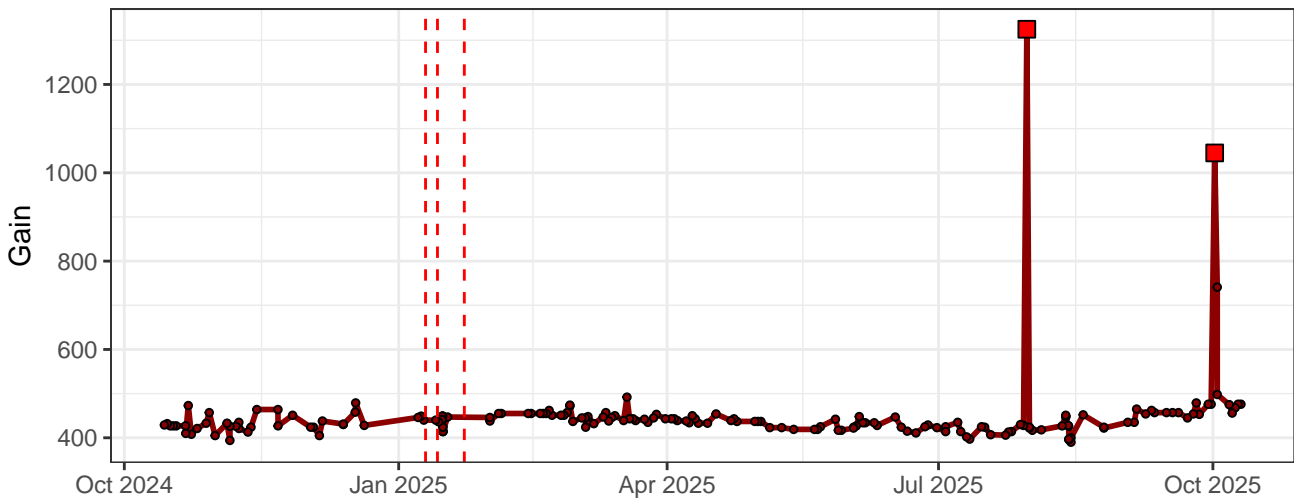
### R1-Gain



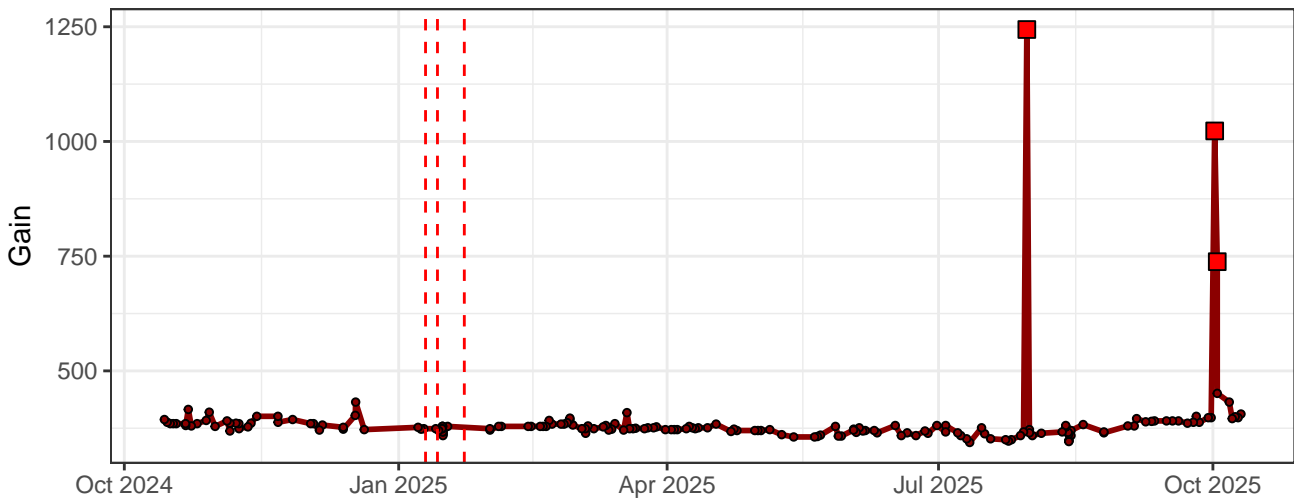
### R2-Gain



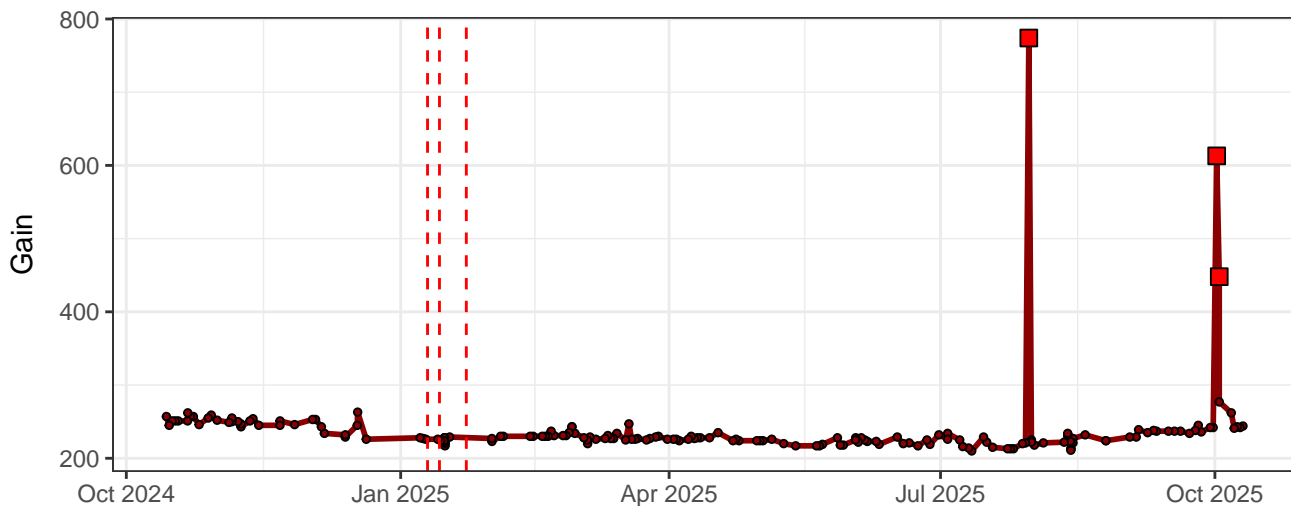
### R3-Gain



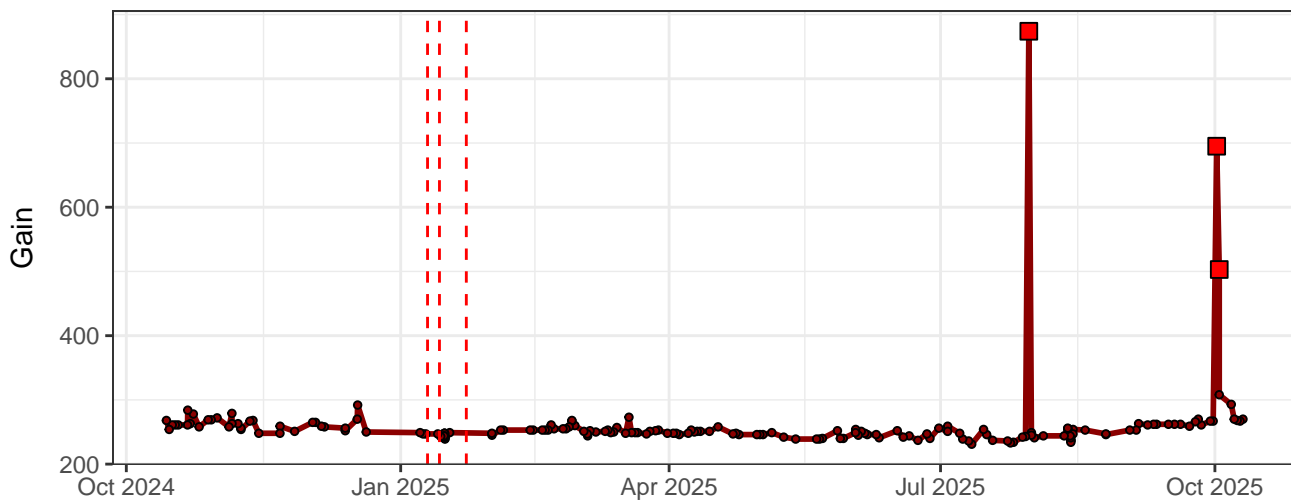
### R4-Gain



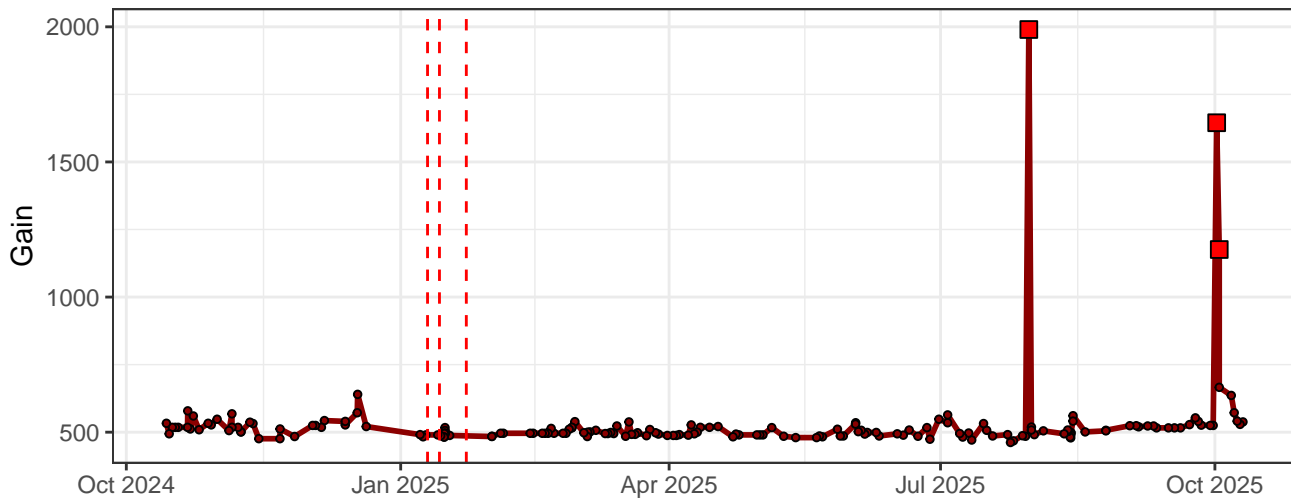
R5-Gain



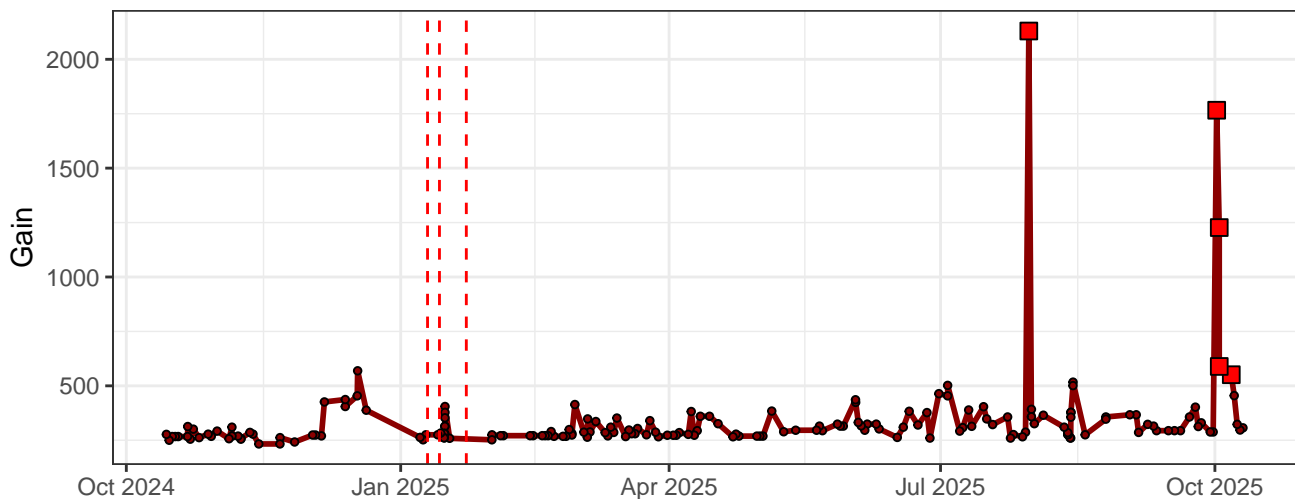
R6-Gain



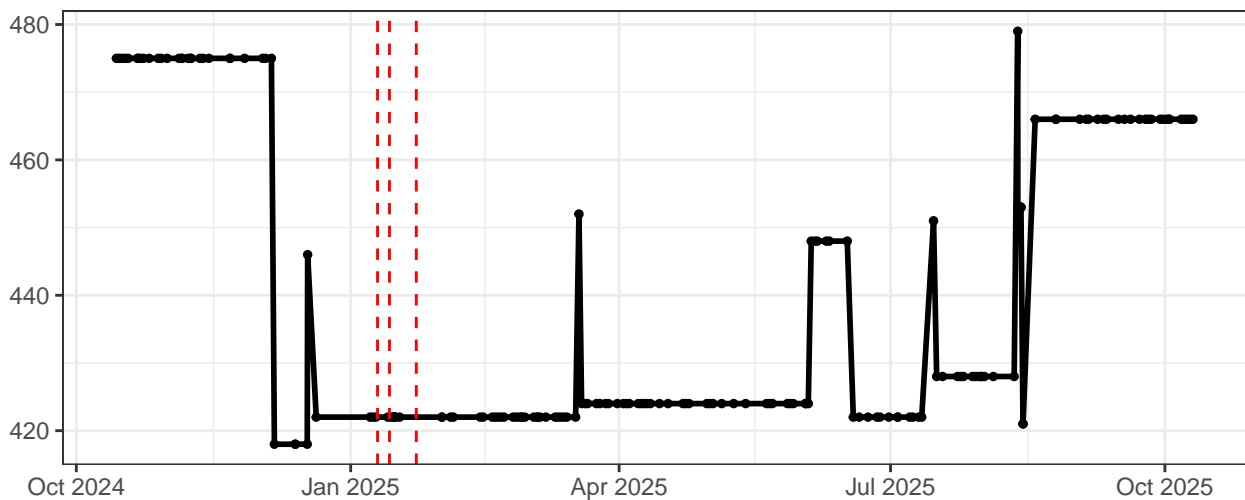
R7-Gain



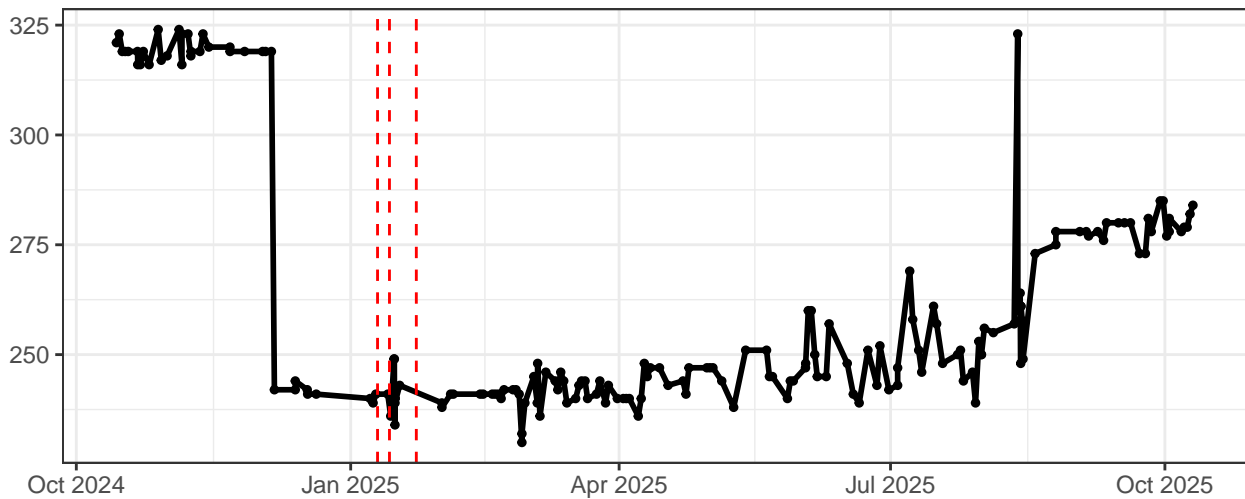
# R8-Gain



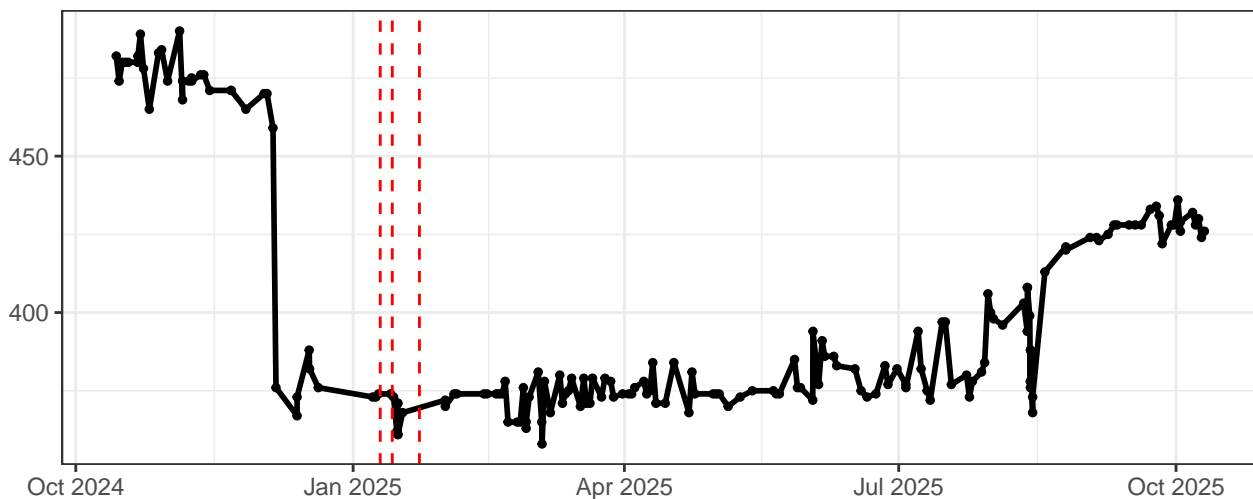
# FSC-Gain



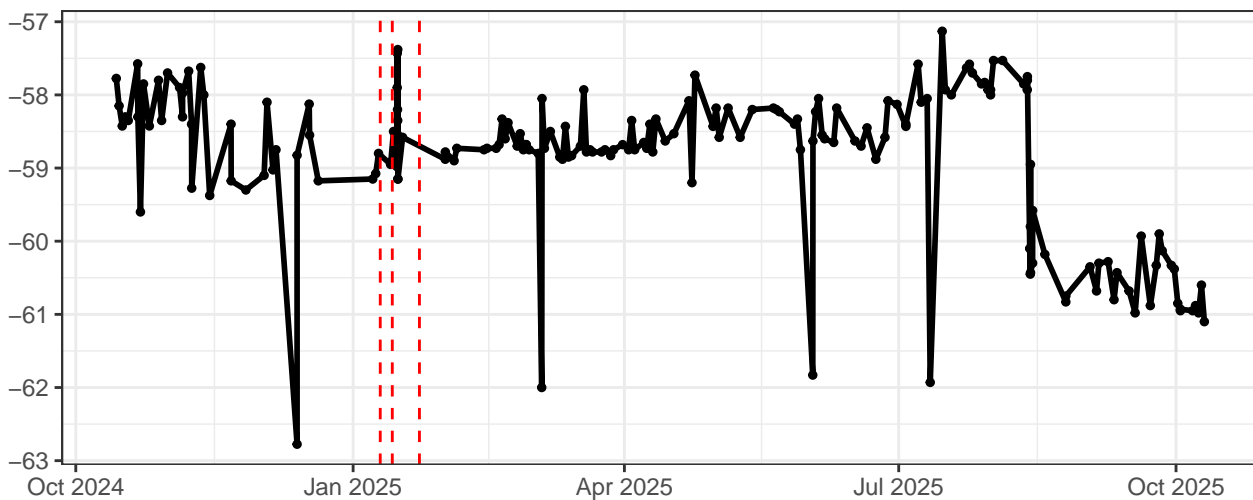
# SSC-Gain



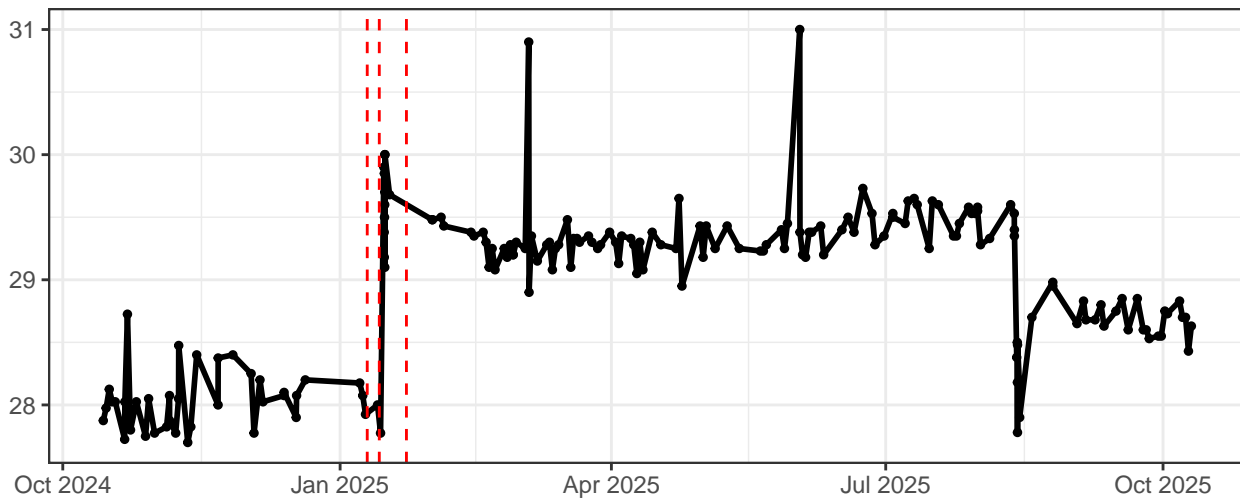
### SSC-B-Gain



### UV-Laser Delay

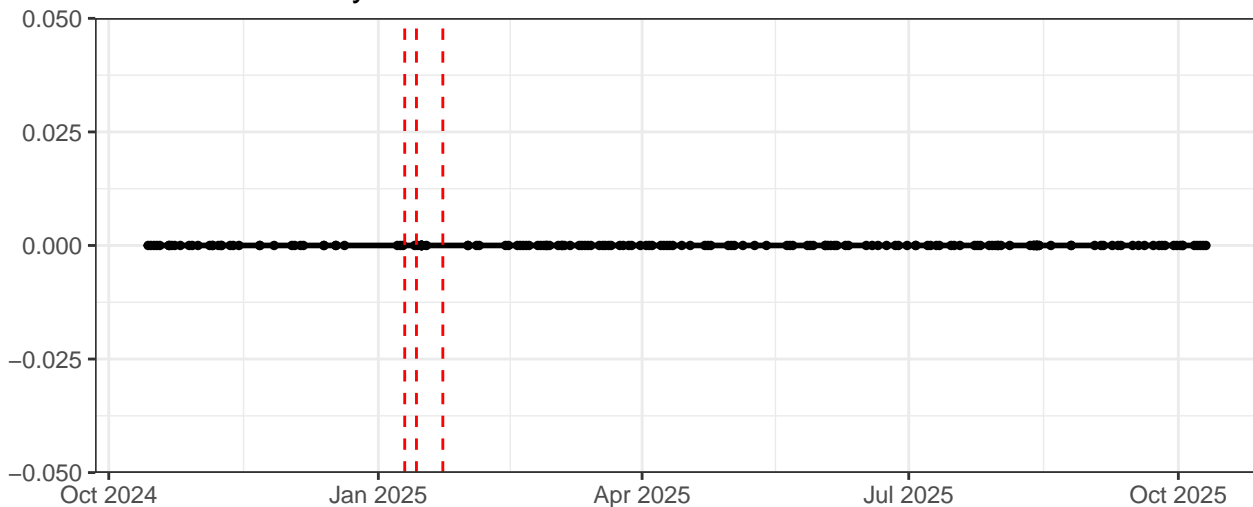


### Violet-Laser Delay

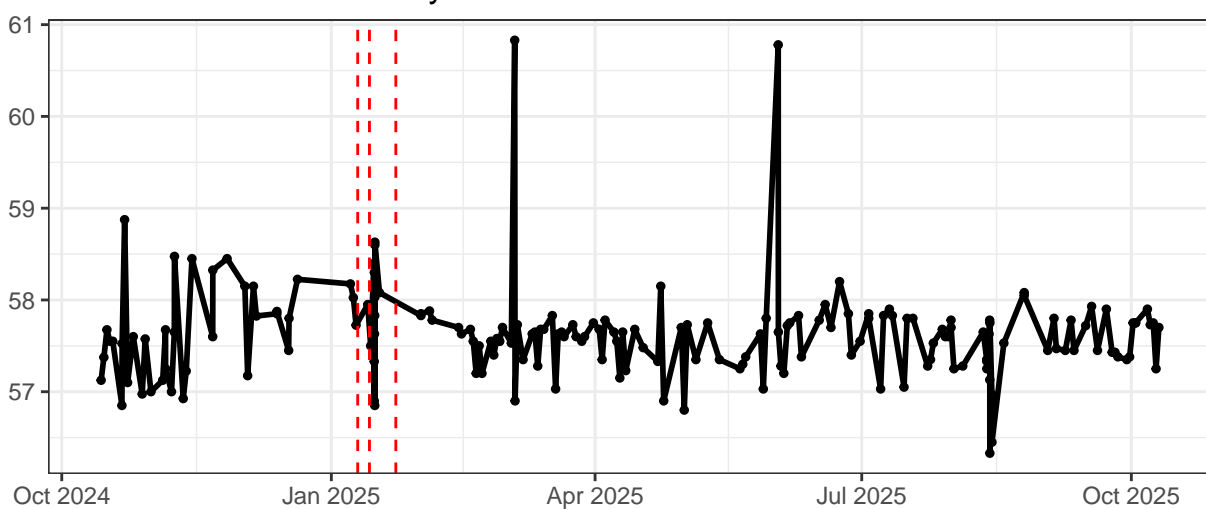




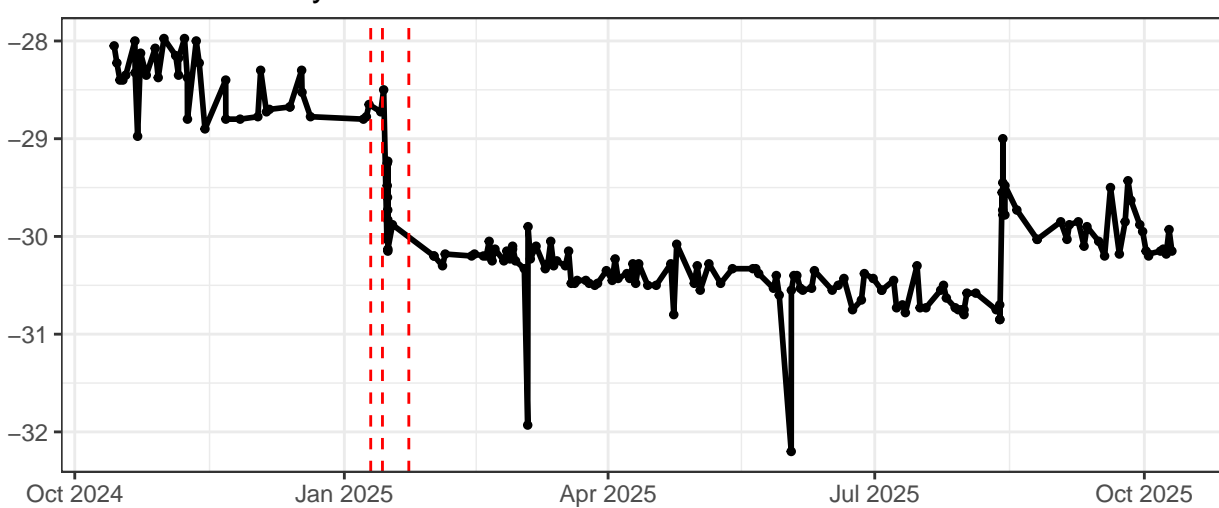
Blue-Laser Delay



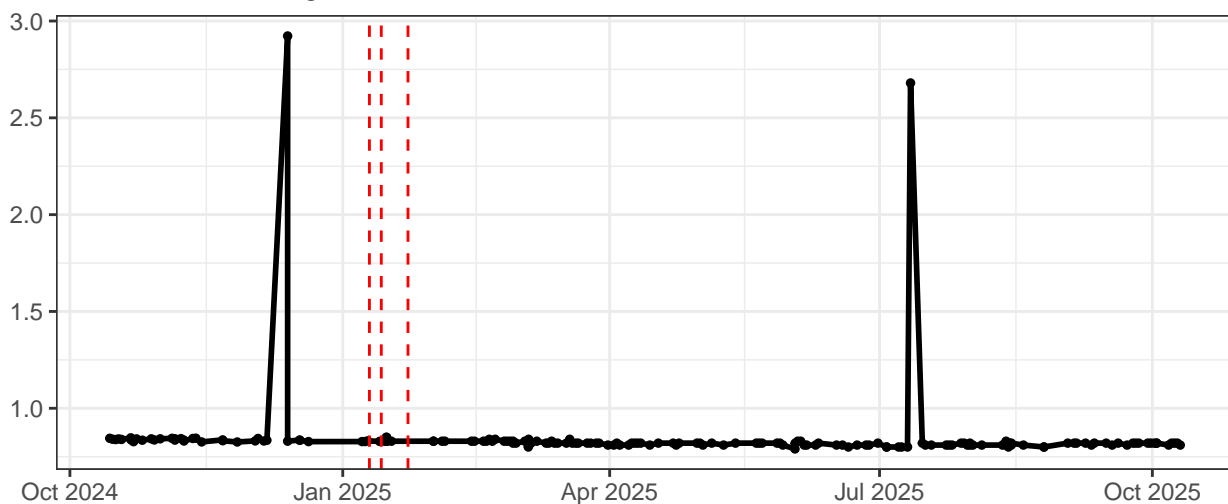
YellowGreen-Laser Delay



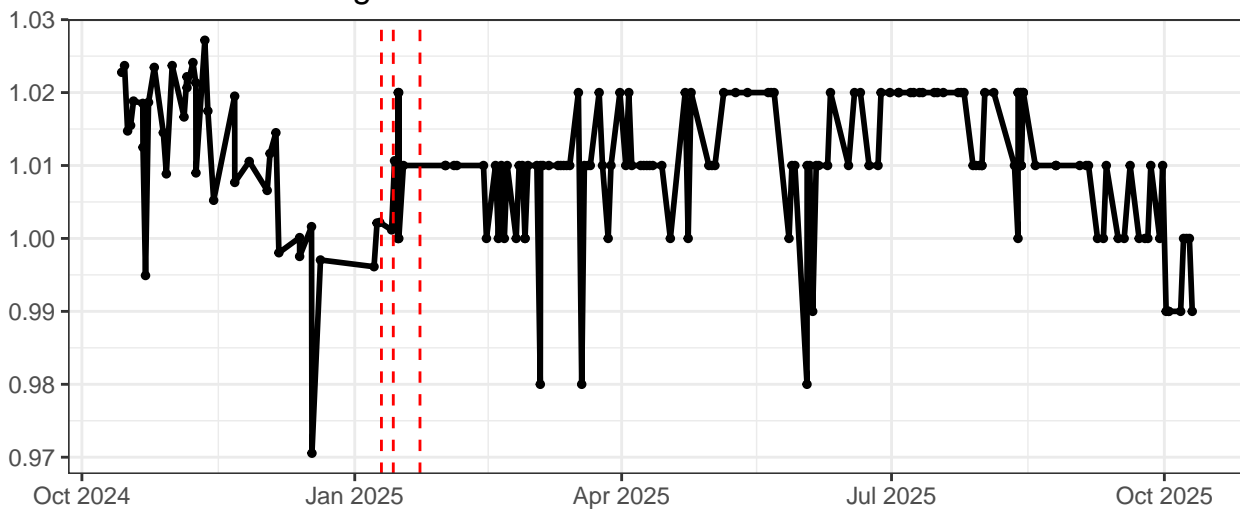
Red-Laser Delay



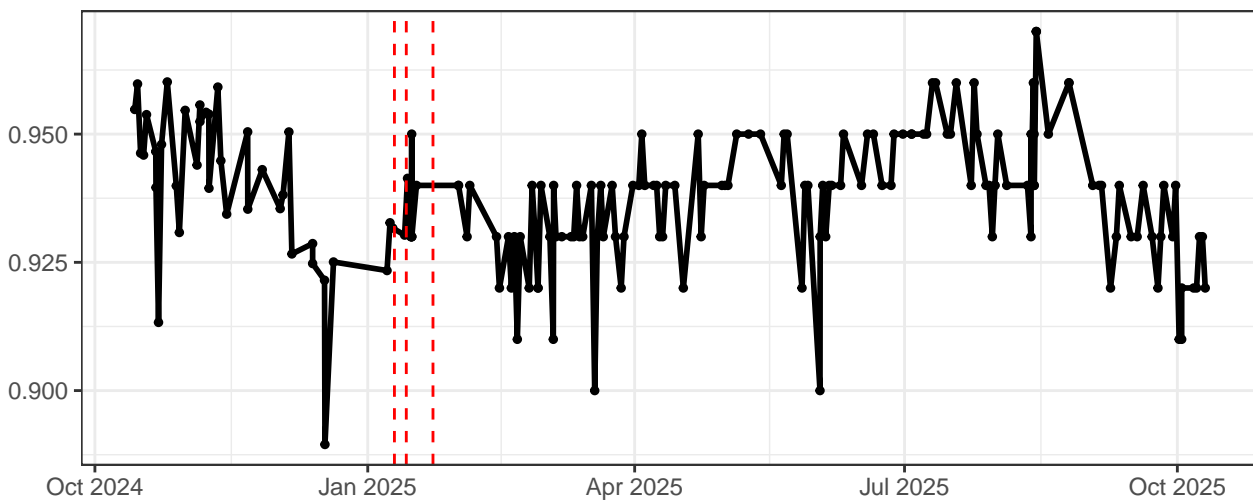
UV–Area Scaling Factor



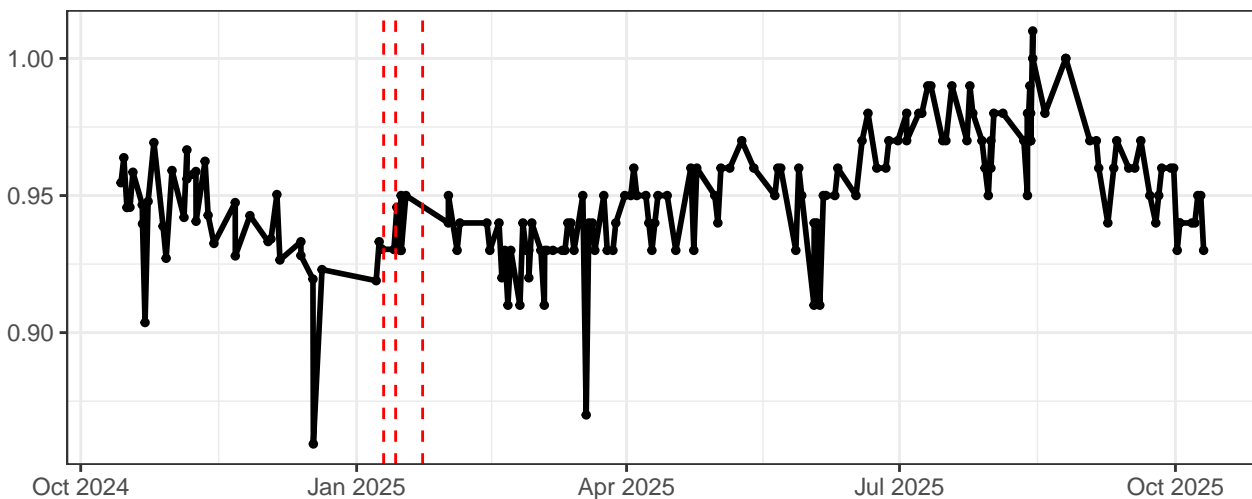
Violet–Area Scaling Factor



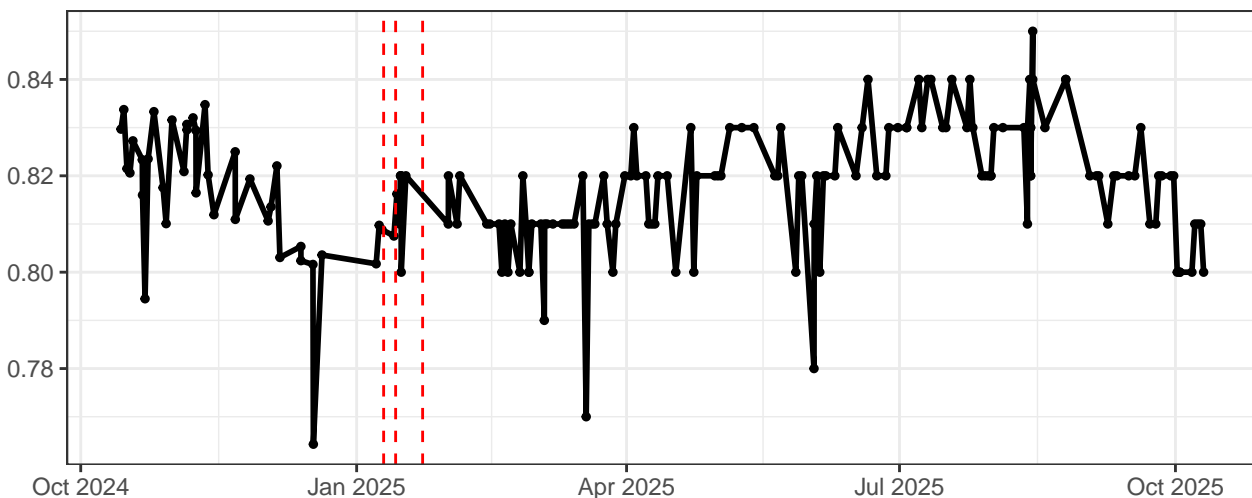
Blue–Area Scaling Factor



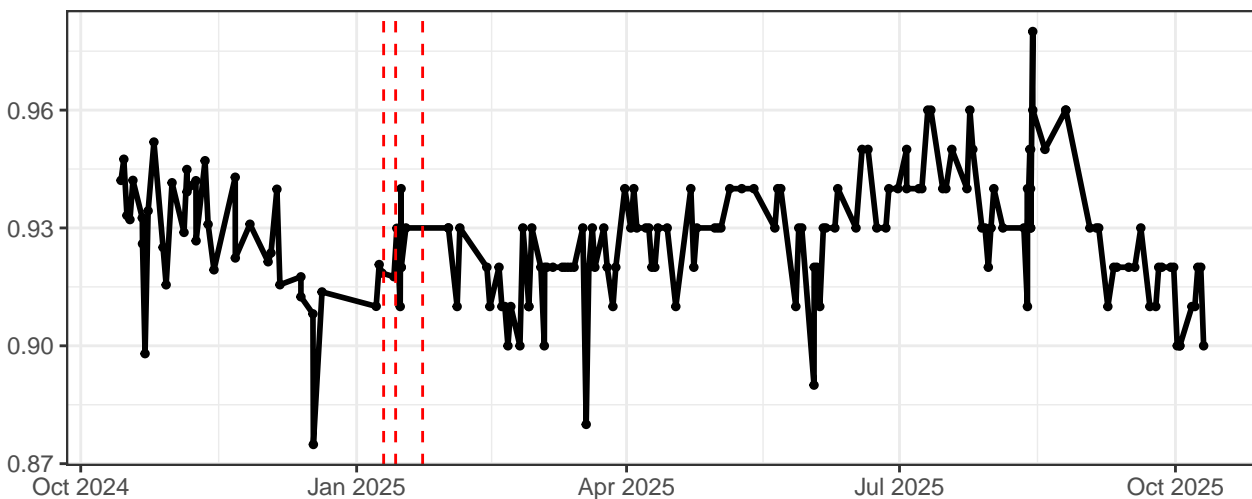
YellowGreen–Area Scaling Factor



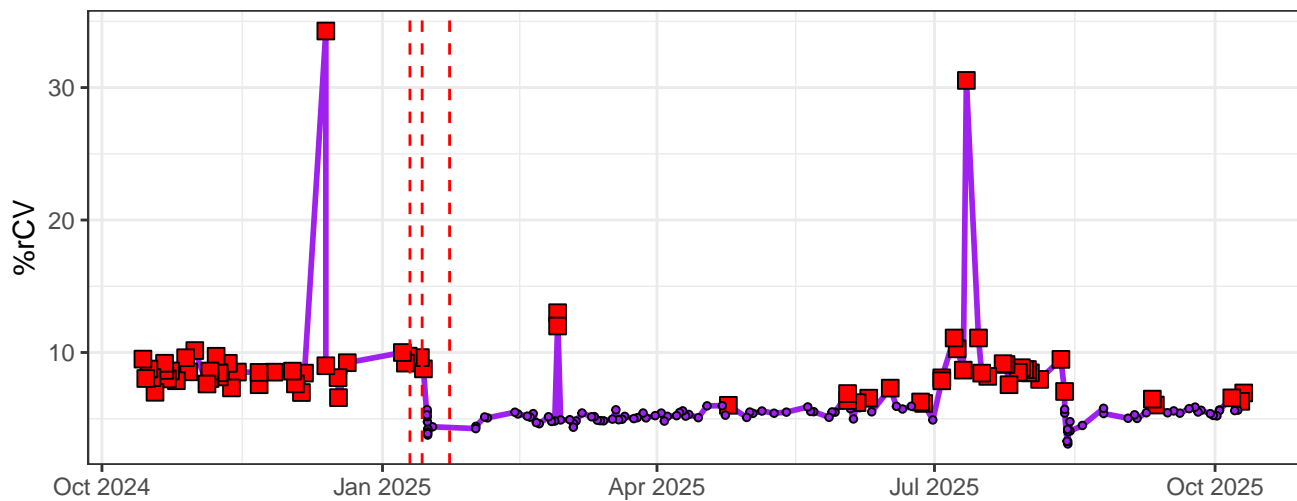
Red–Area Scaling Factor



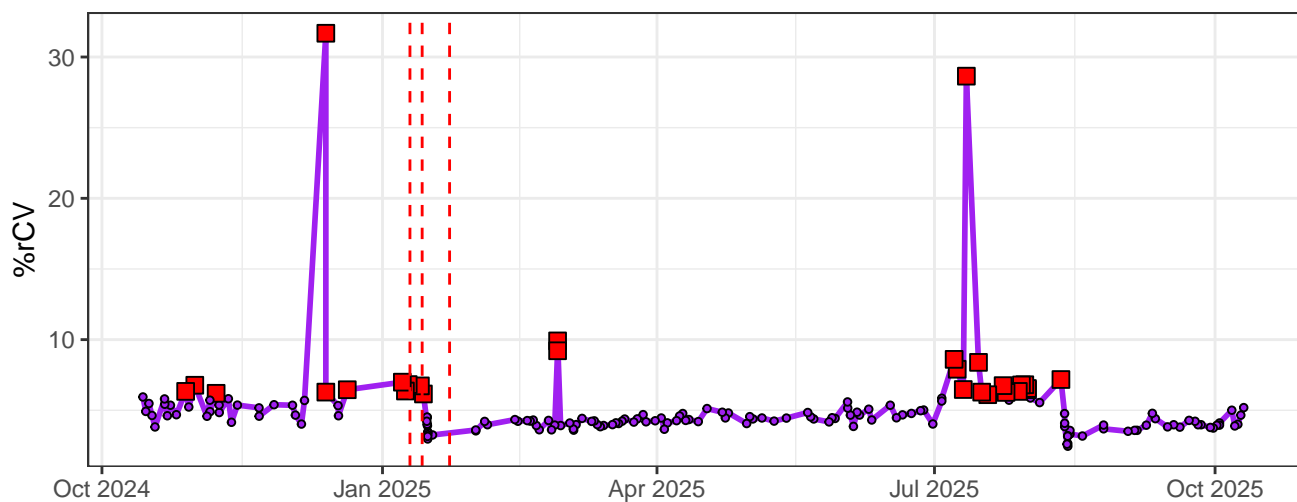
FSCAreaScalingFactor



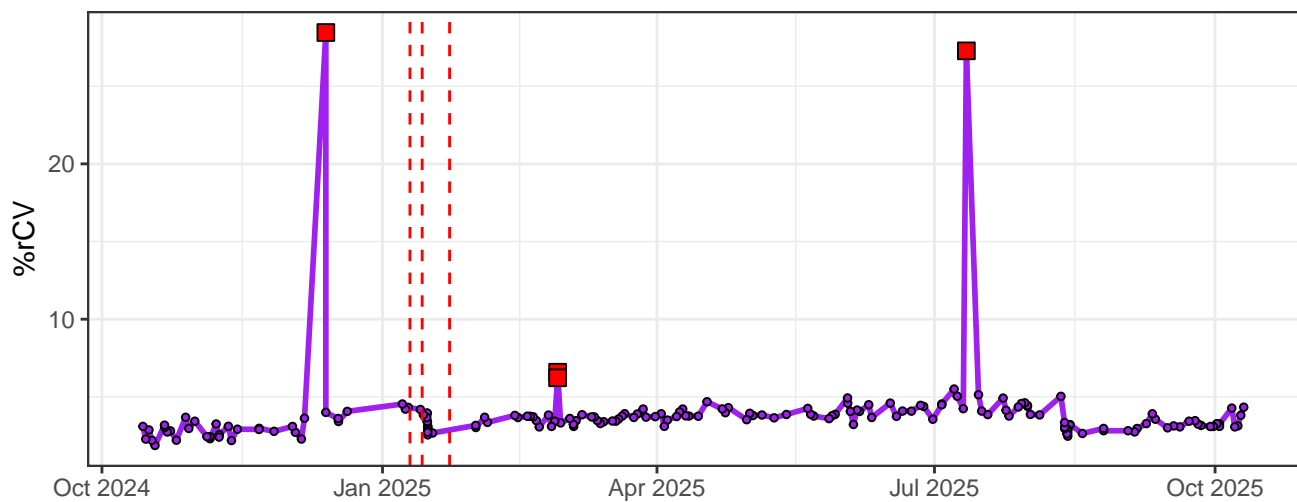
# UV1-% rCV



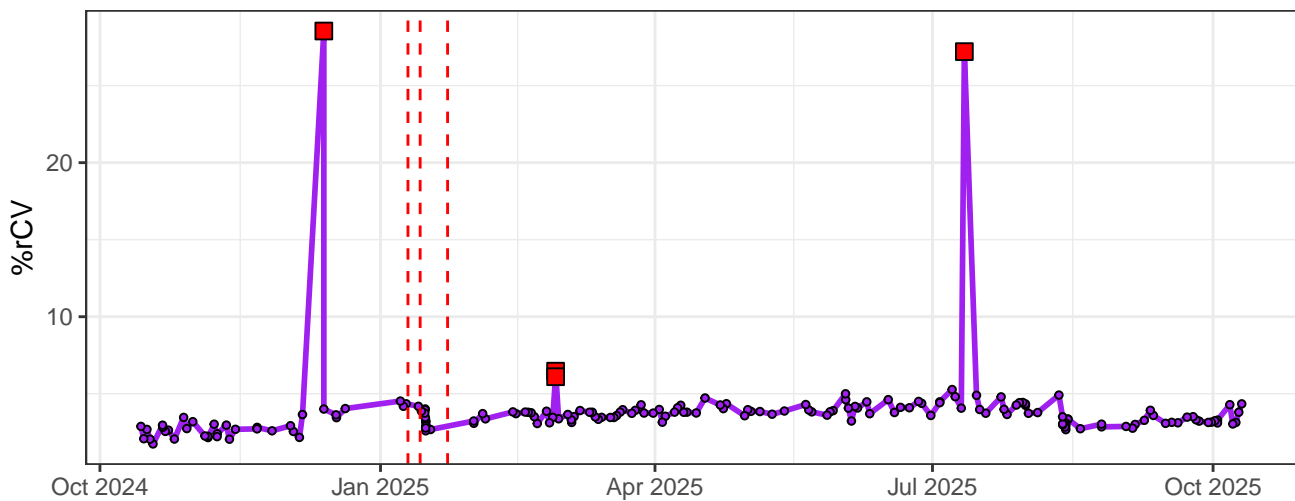
# UV2-% rCV



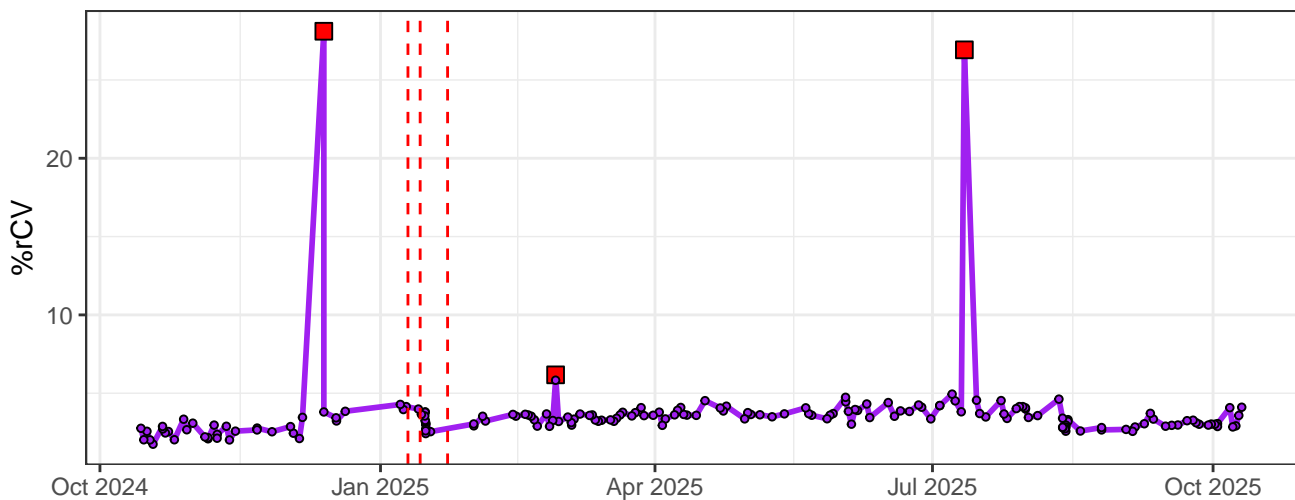
# UV3-% rCV



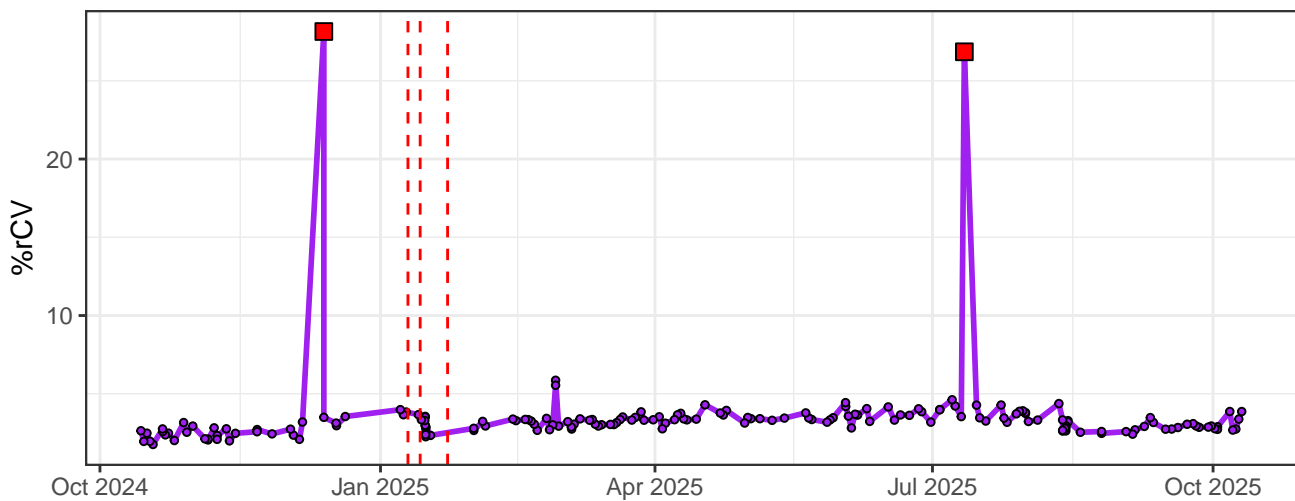
UV4-% rCV



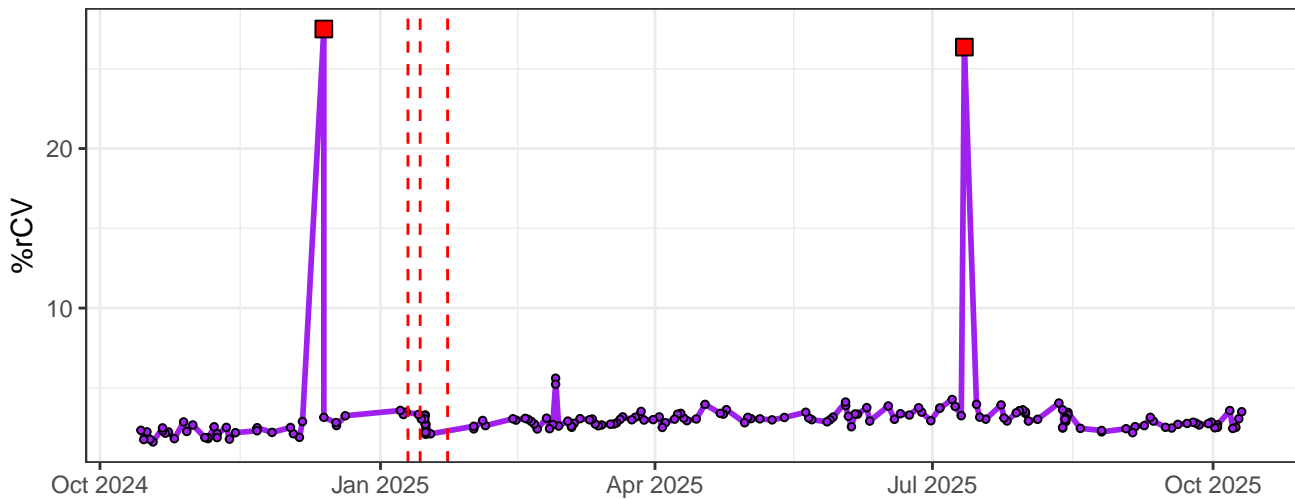
UV5-% rCV



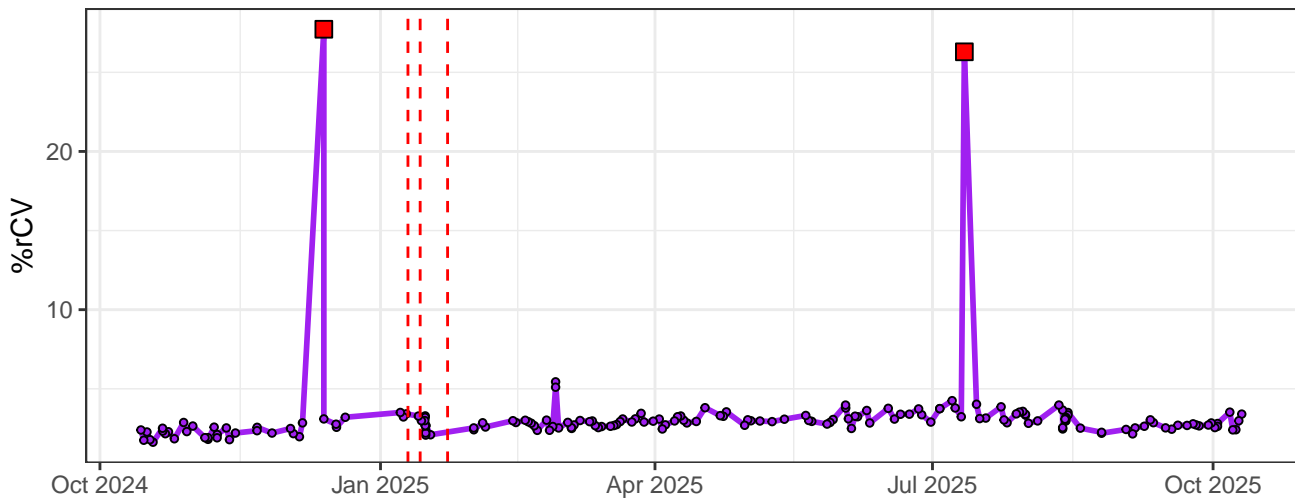
UV6-% rCV



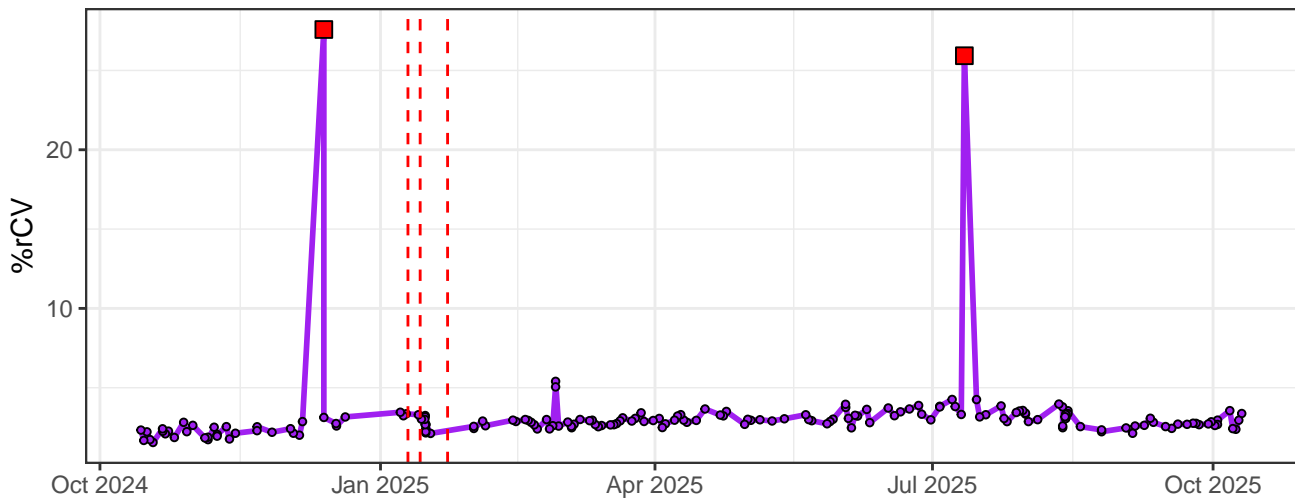
UV7-% rCV



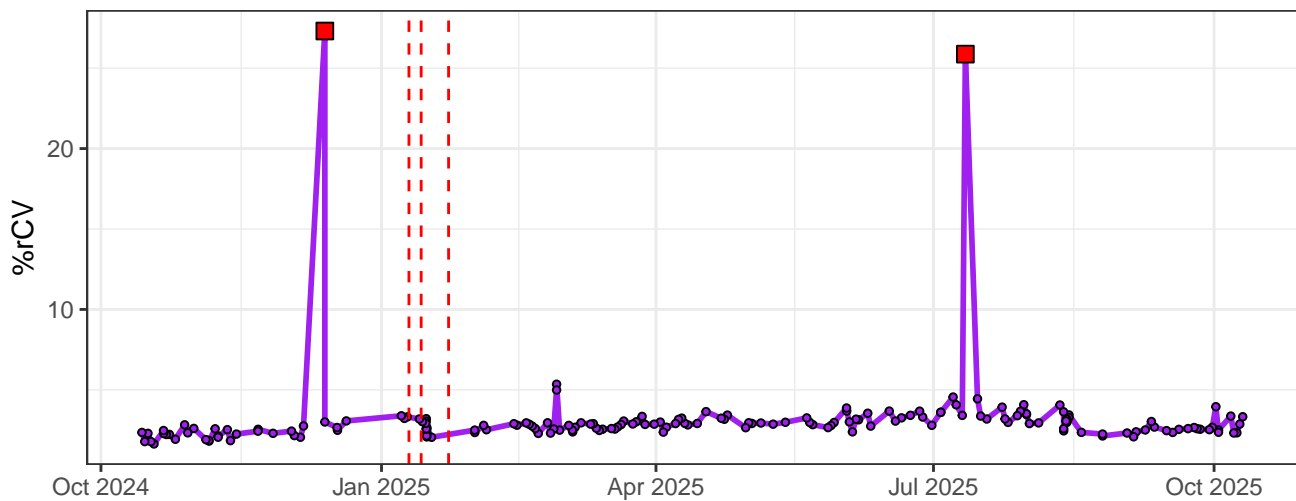
UV8-% rCV



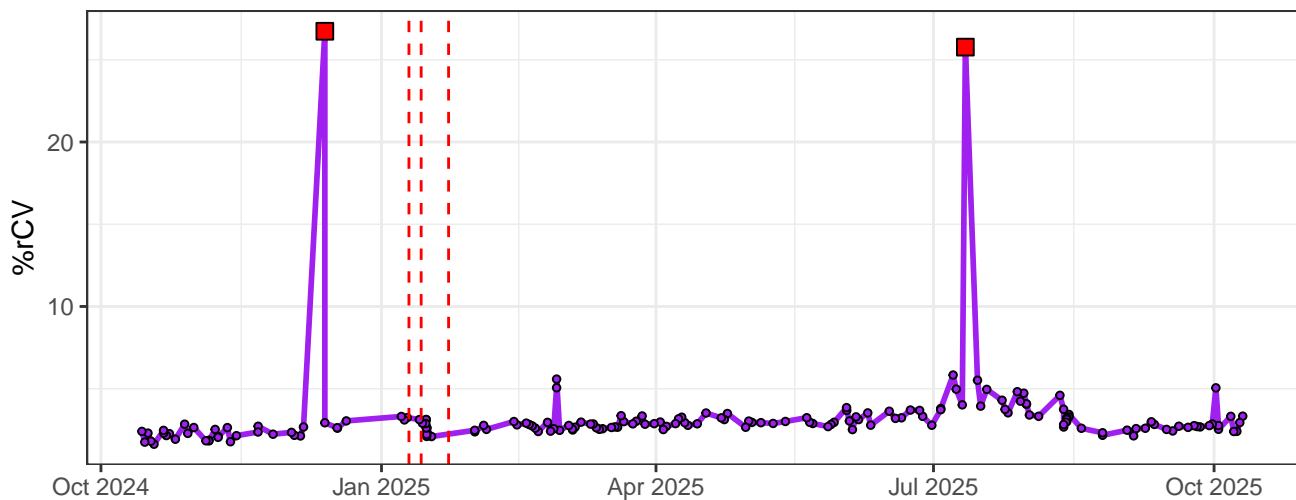
UV9-% rCV



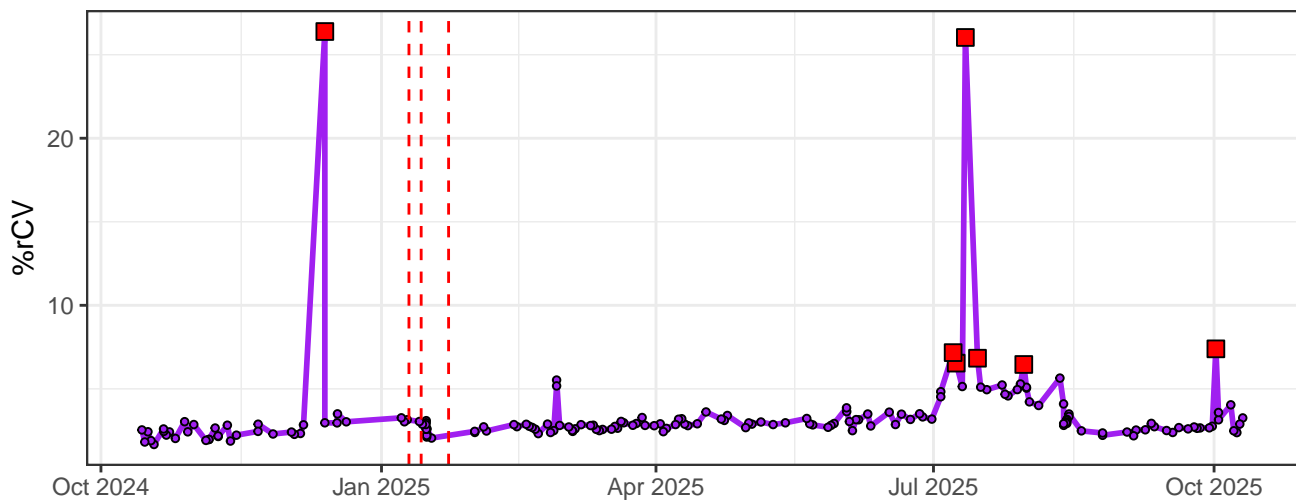
UV10-% rCV



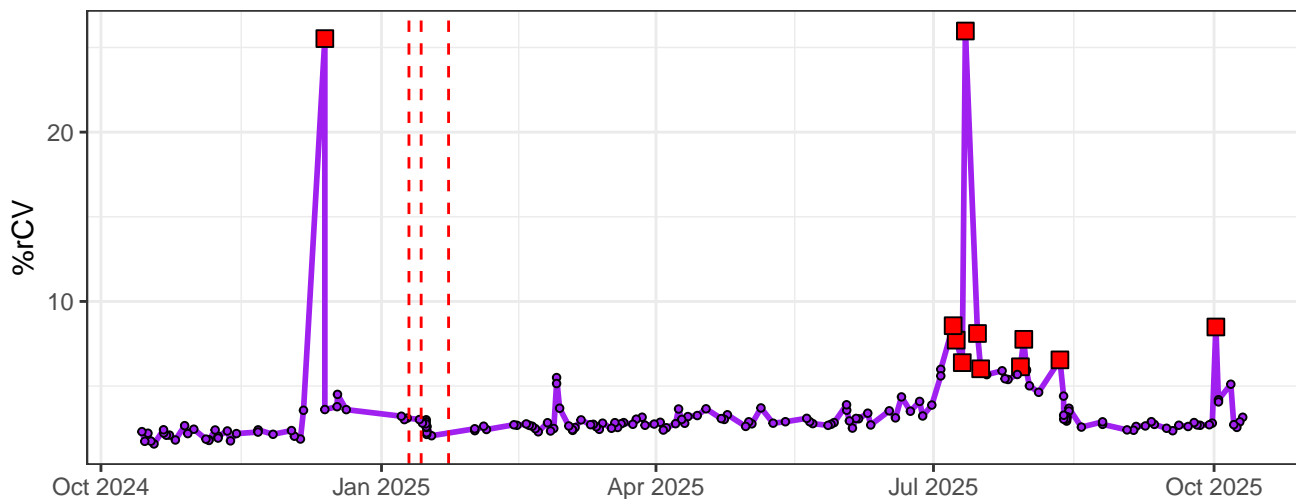
UV11-% rCV



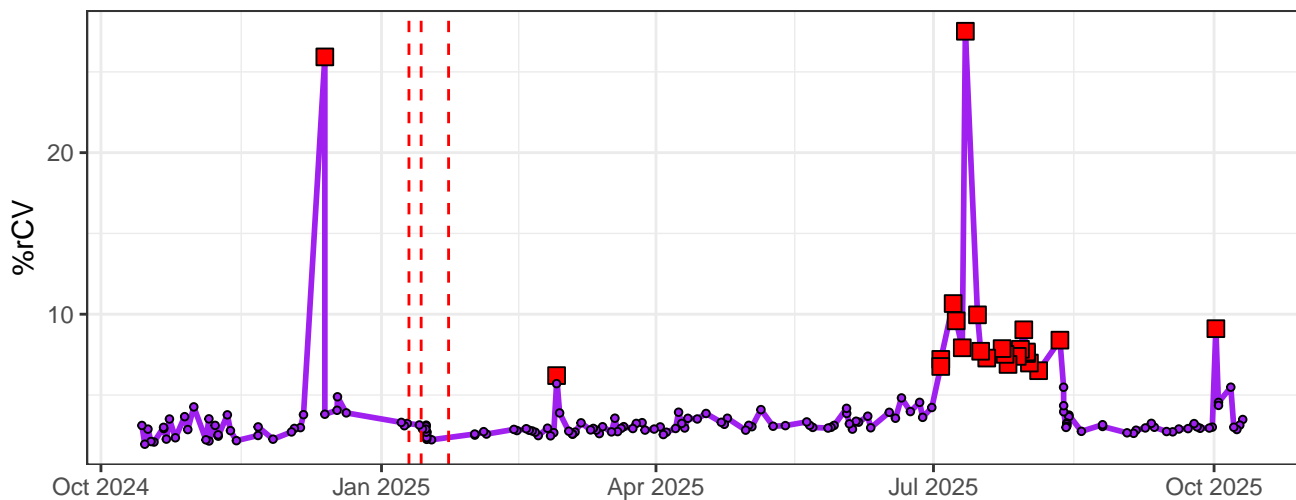
UV12-% rCV



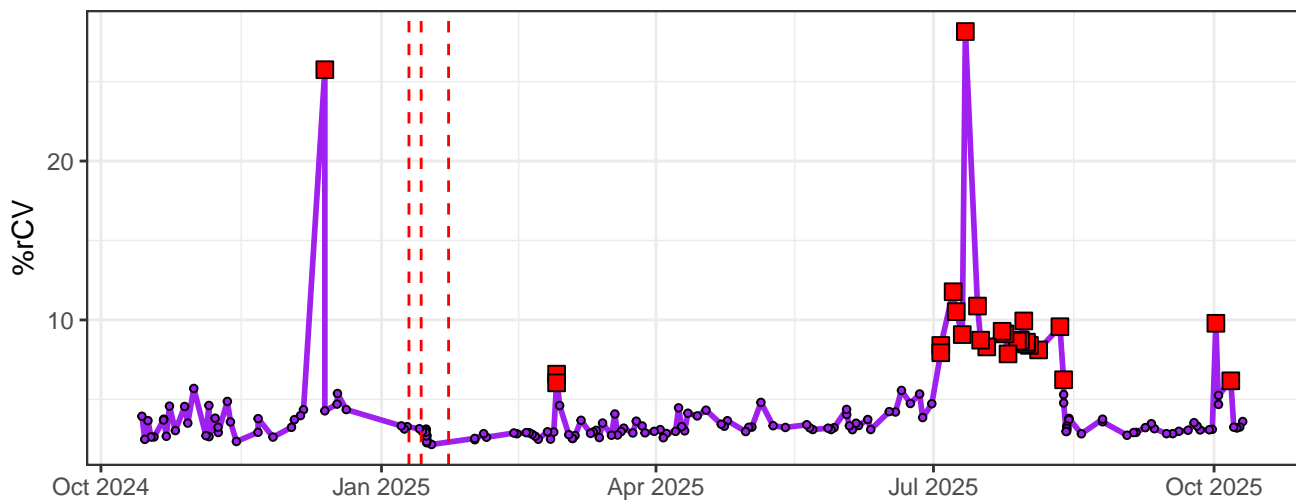
# UV13-% rCV



# UV14-% rCV

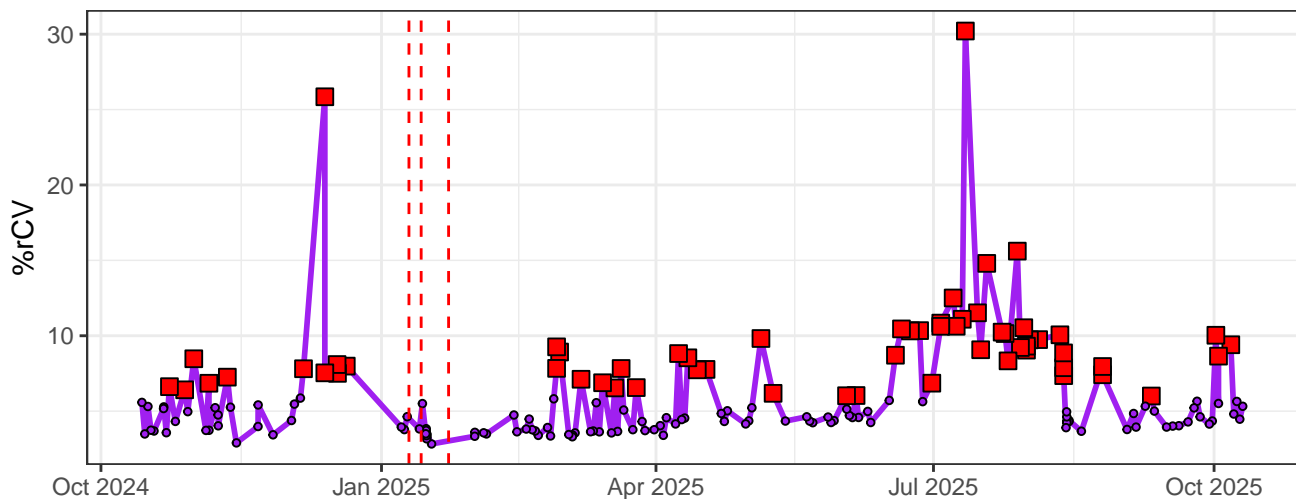


# UV15-% rCV

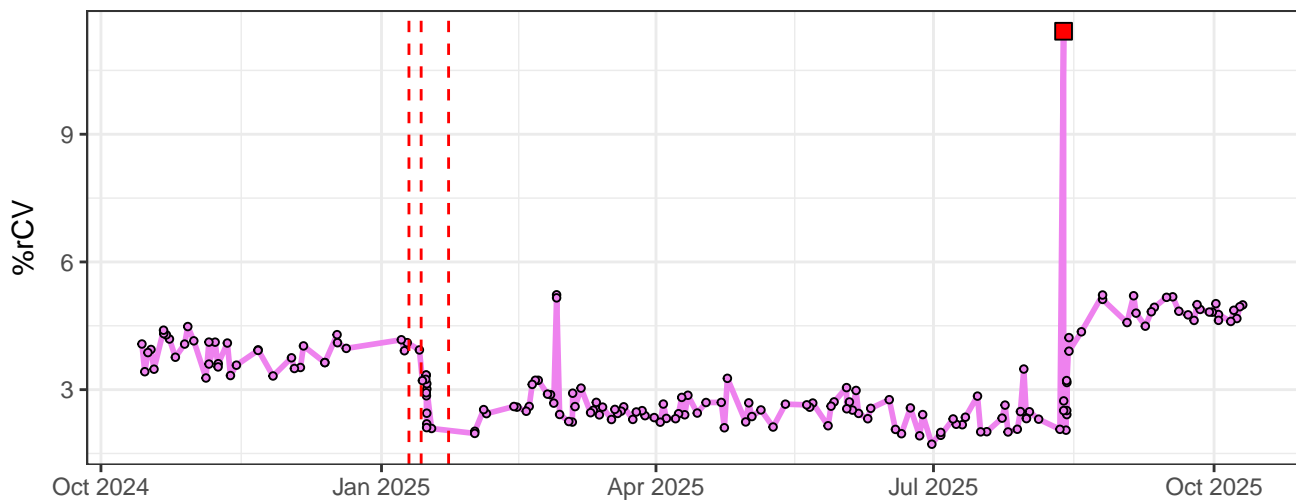




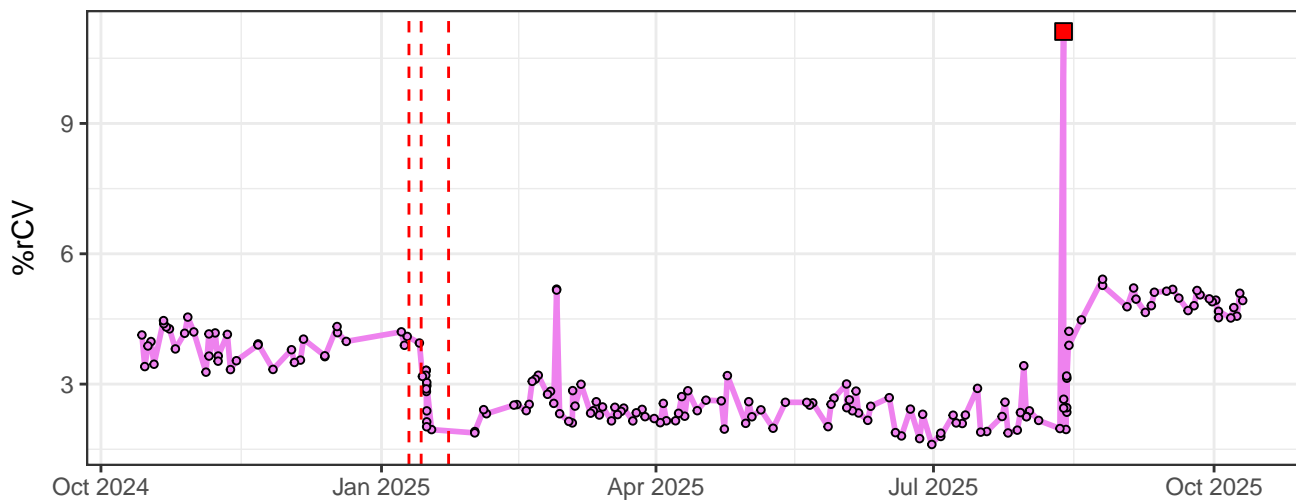
# UV16-% rCV



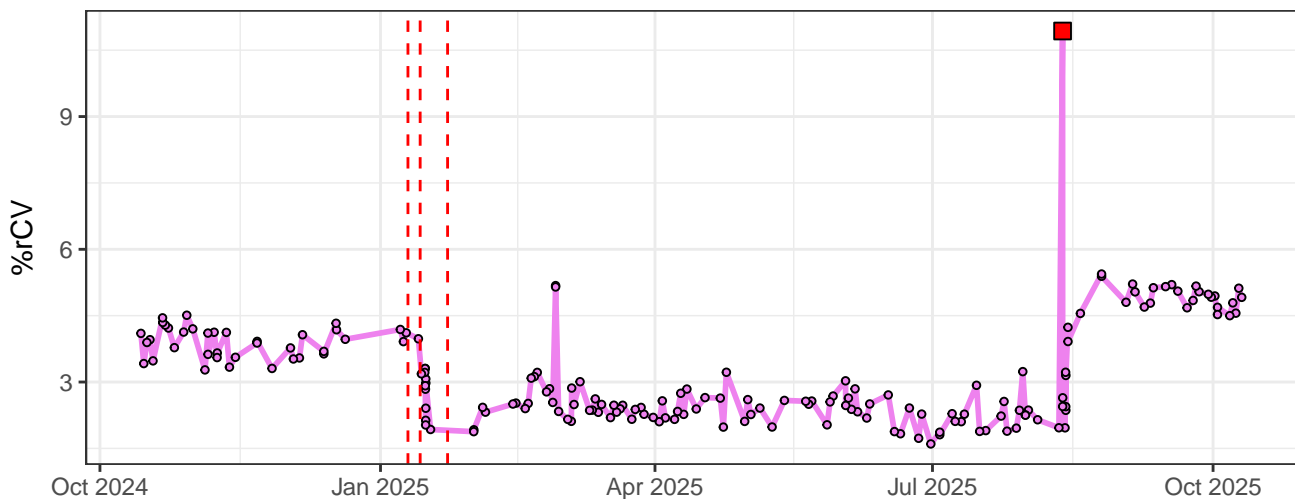
# V1-% rCV



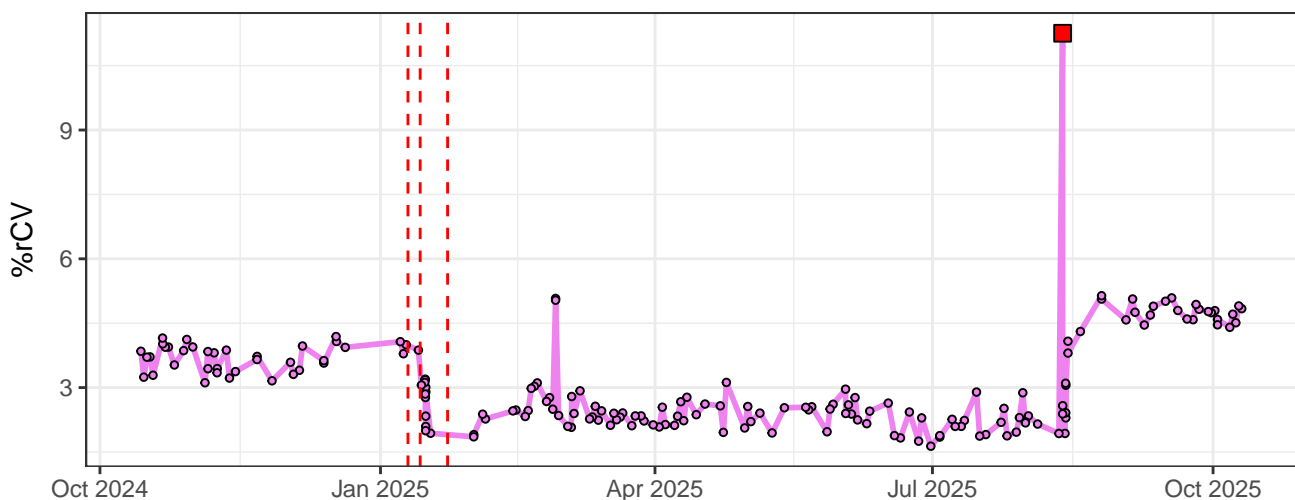
# V2-% rCV



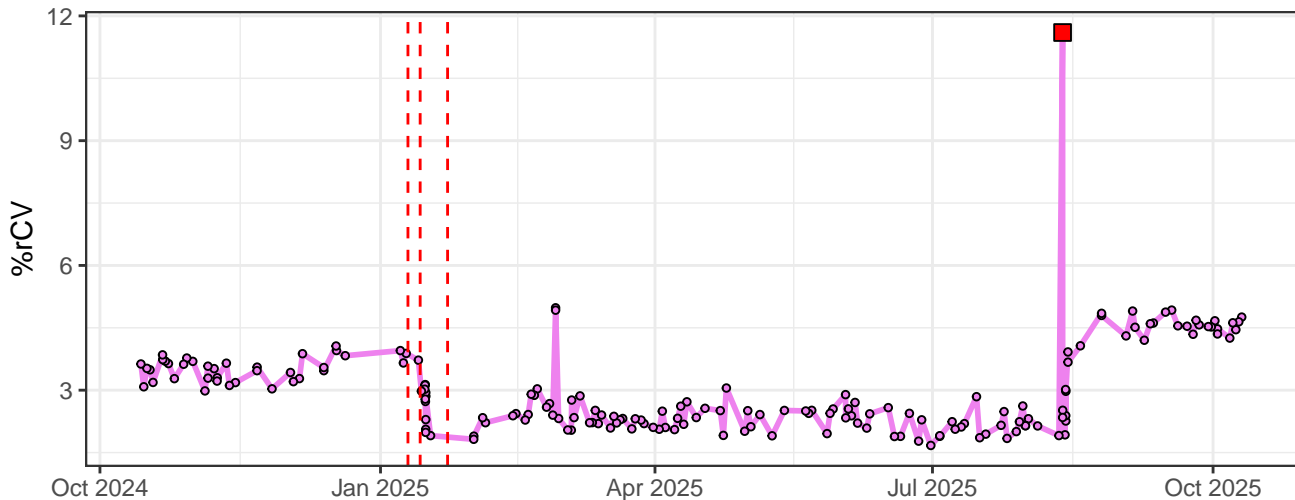
### V3-% rCV



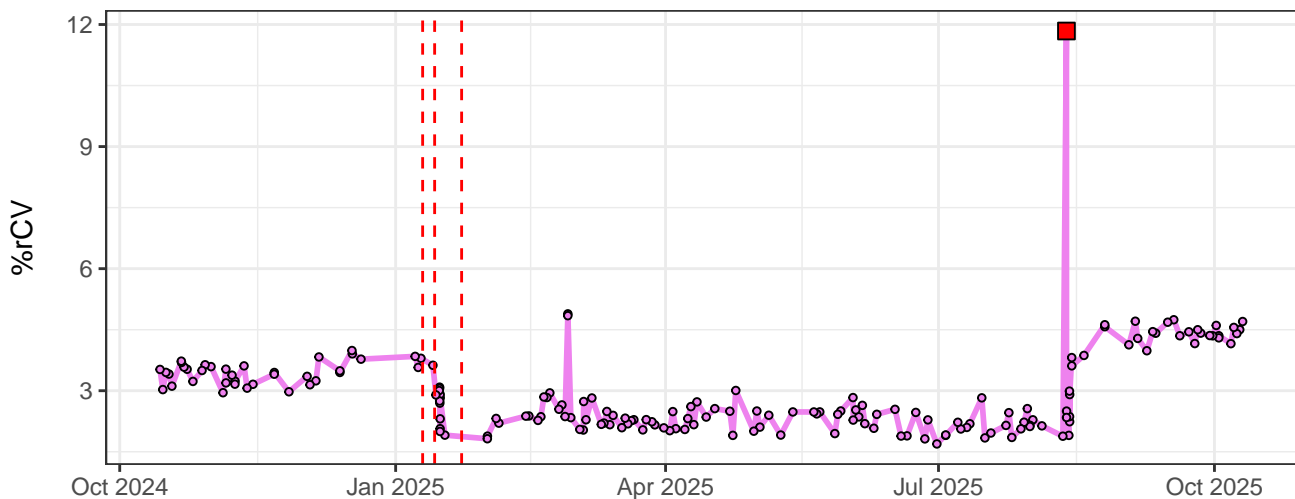
### V4-% rCV



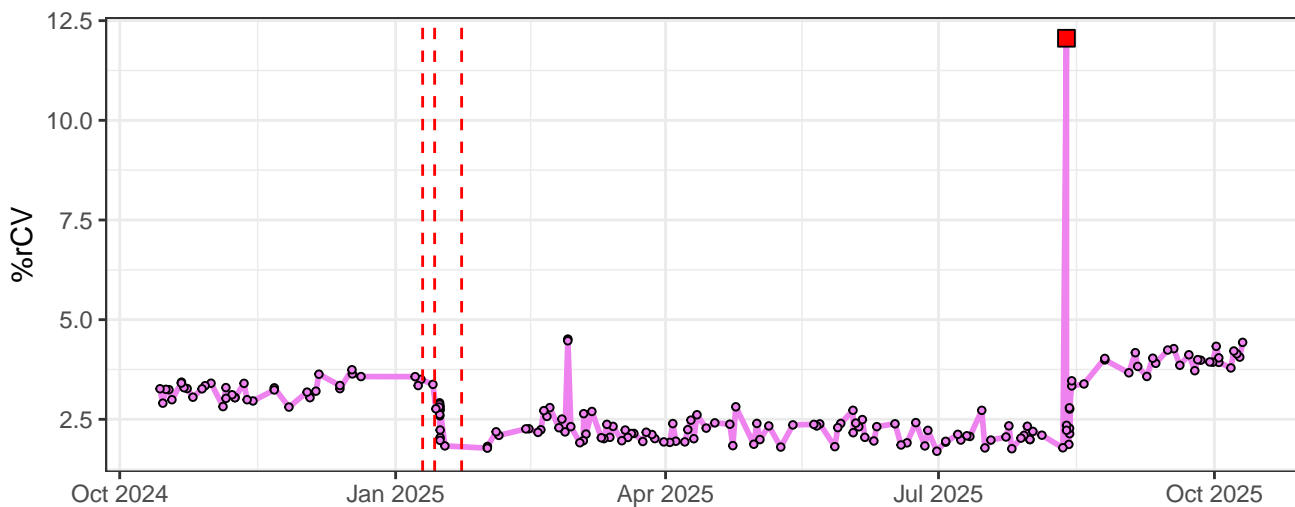
### V5-% rCV



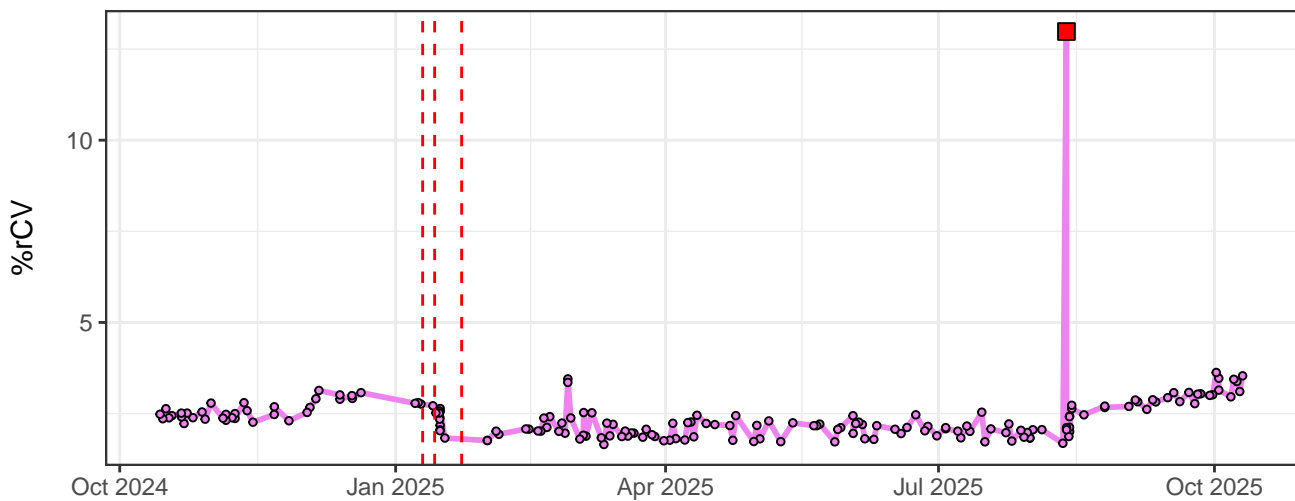
### V6-% rCV



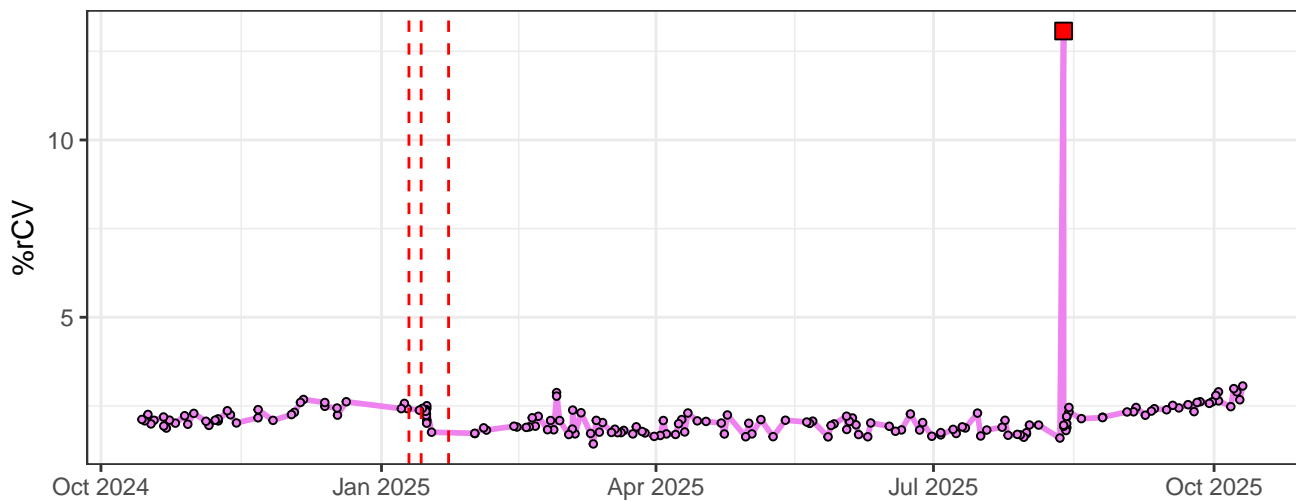
### V7-% rCV



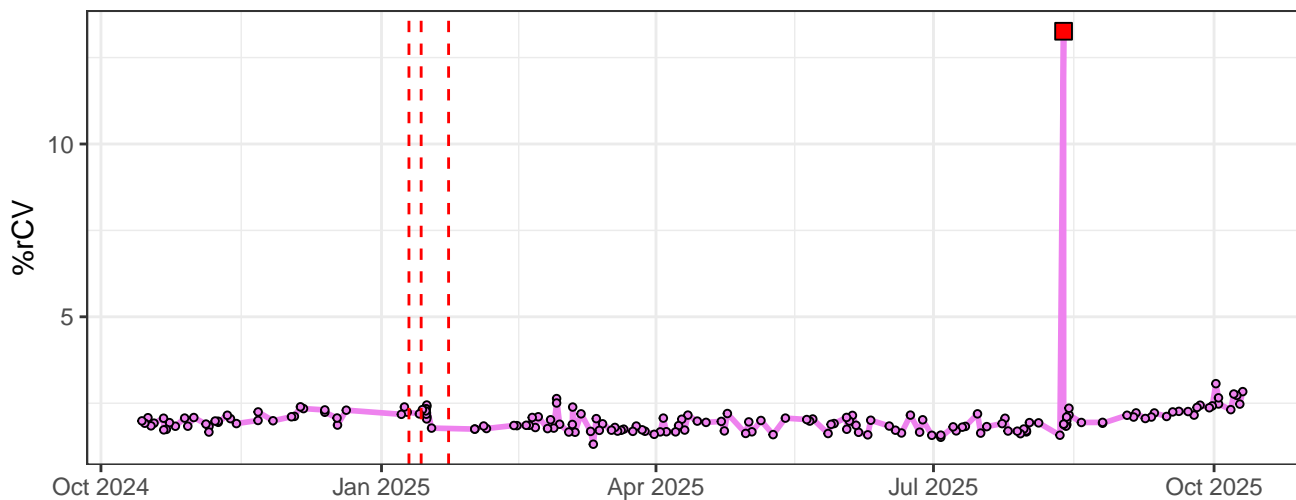
### V8-% rCV



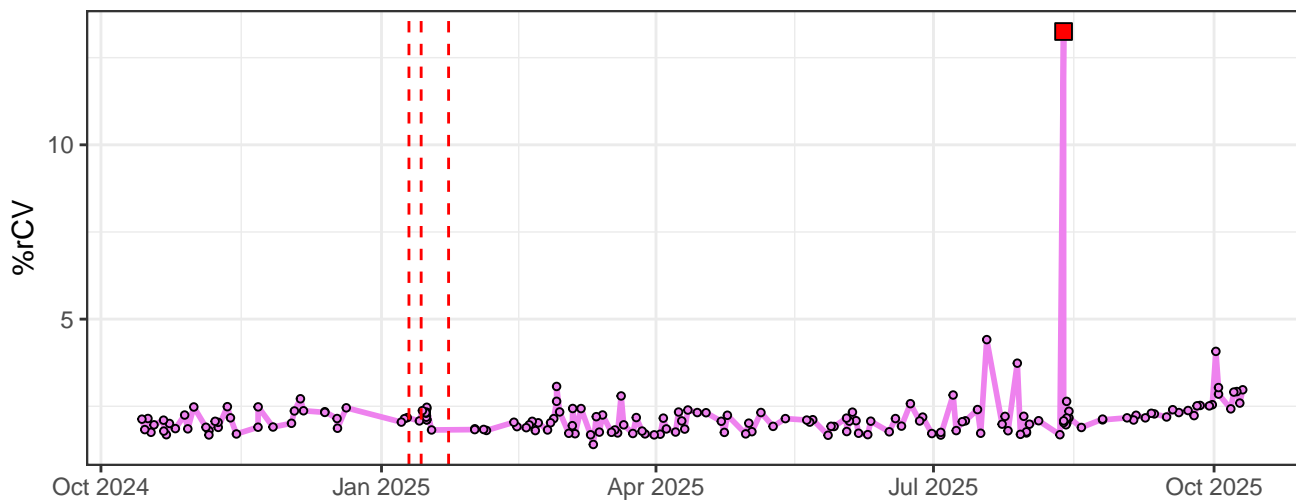
V9-% rCV



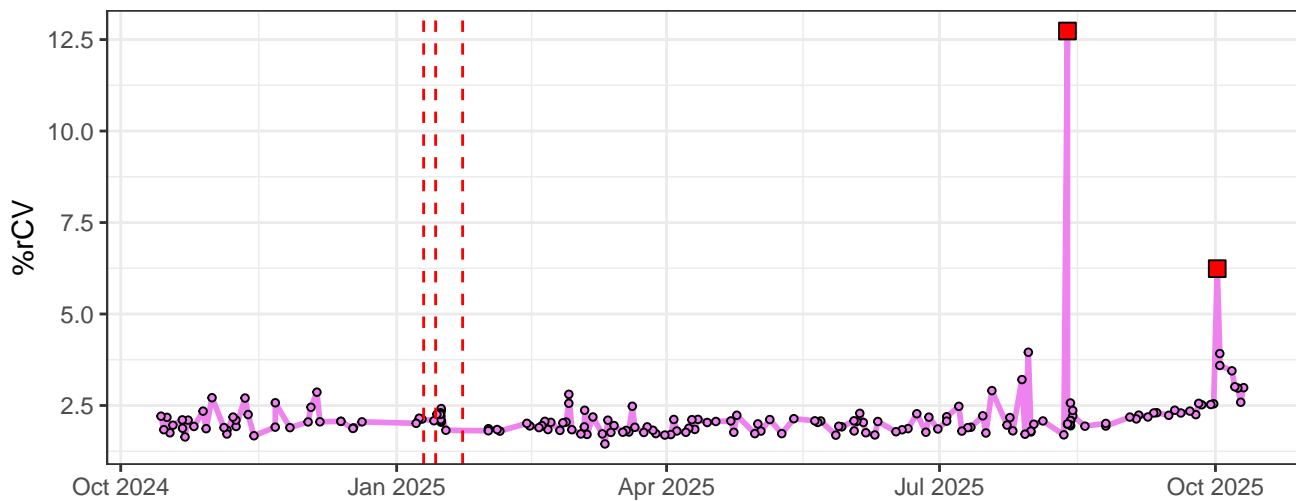
V10-% rCV



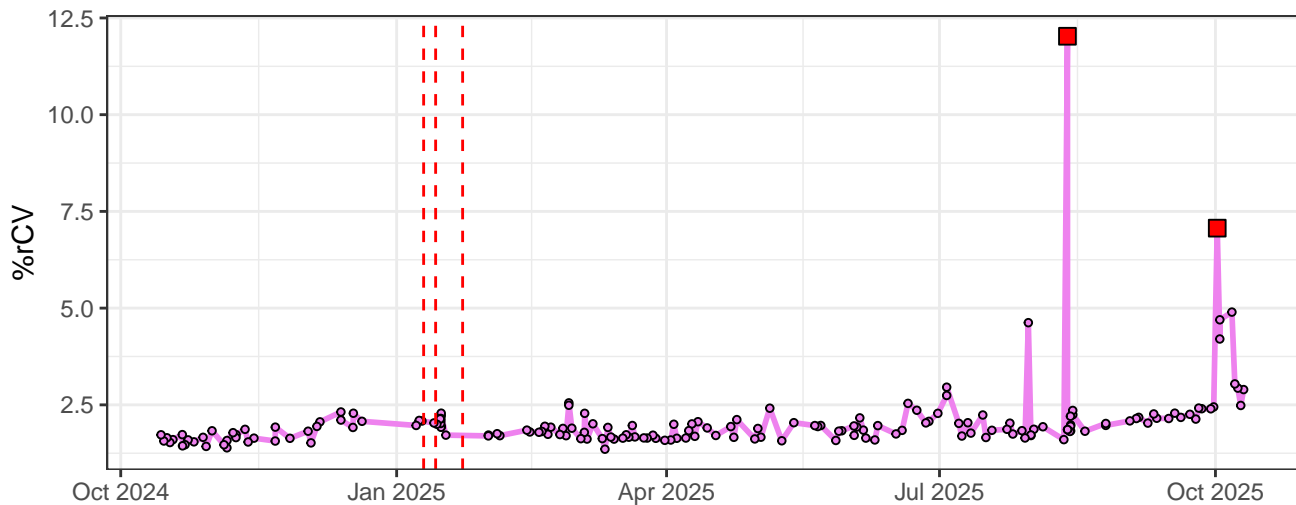
V11-% rCV



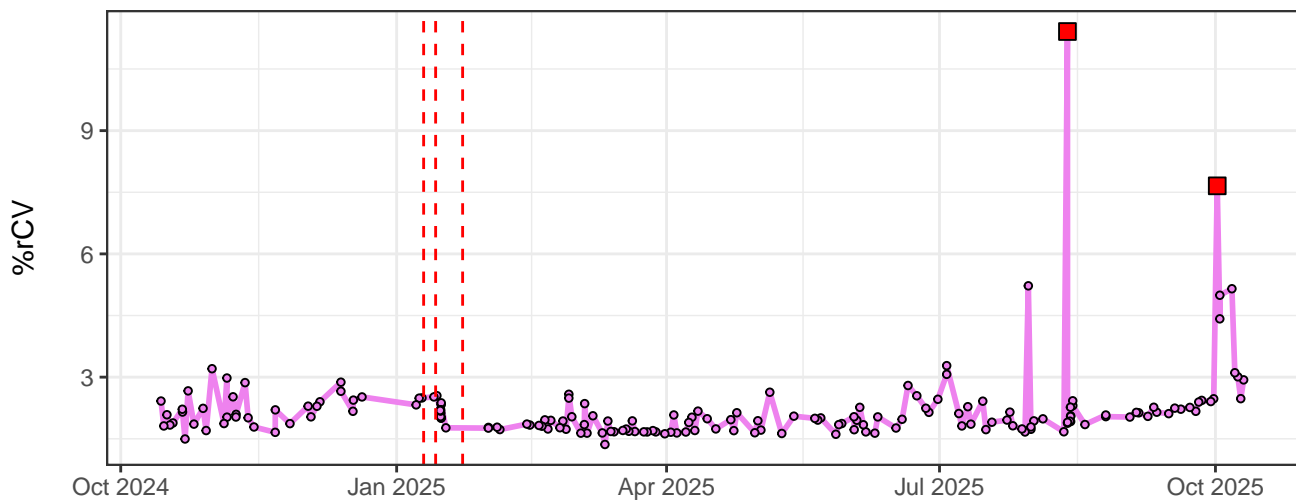
V12-% rCV



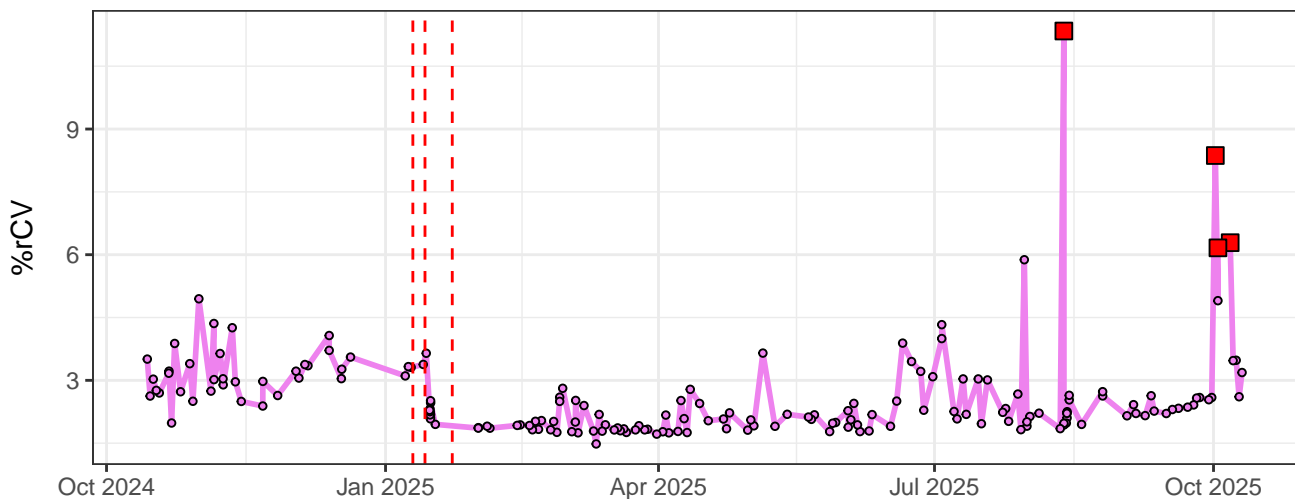
V13-% rCV



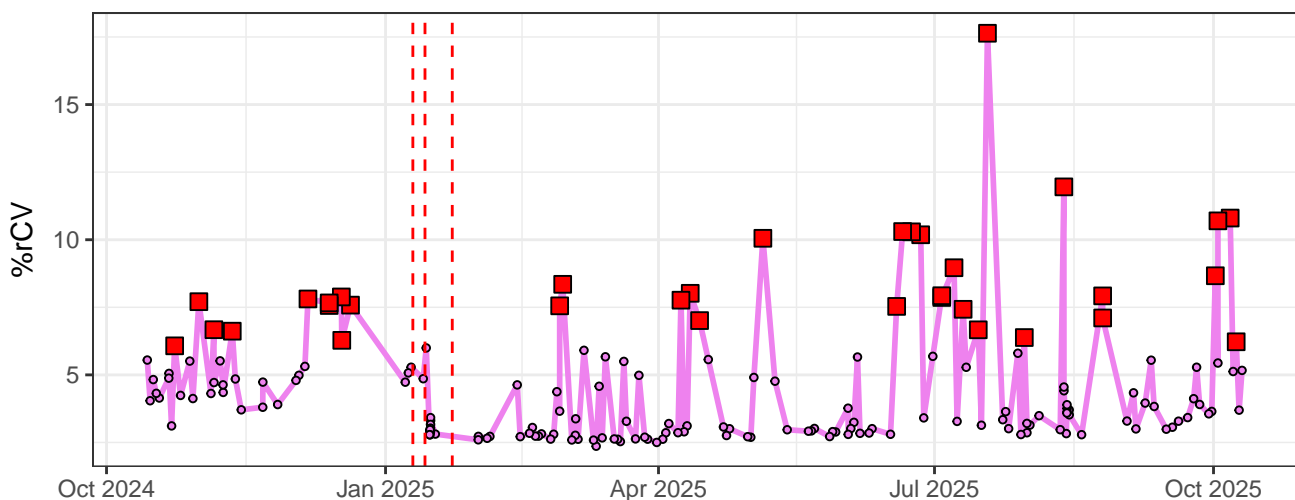
V14-% rCV



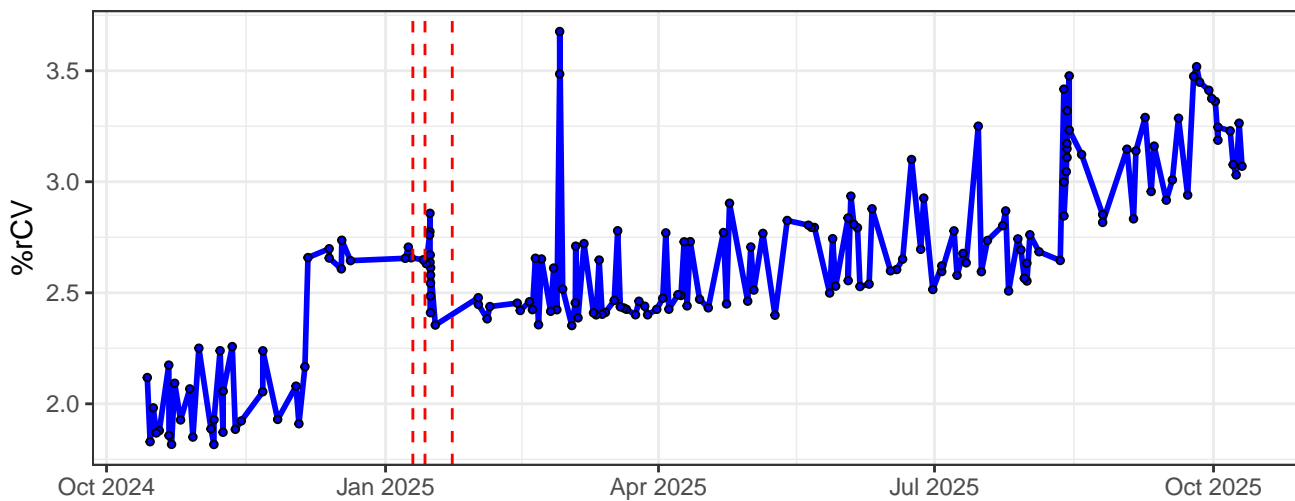
V15-% rCV



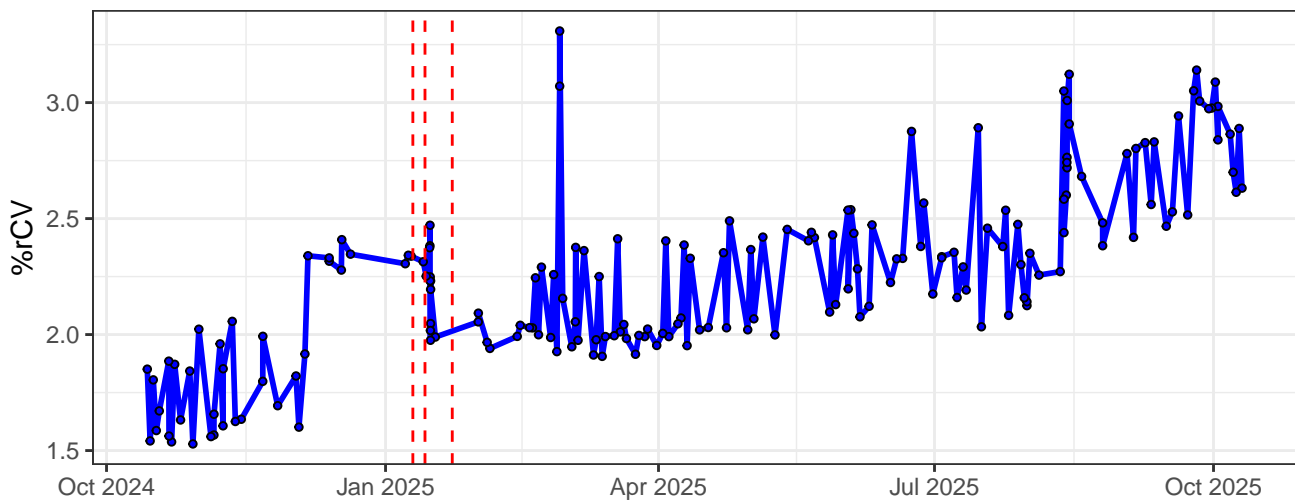
V16-% rCV



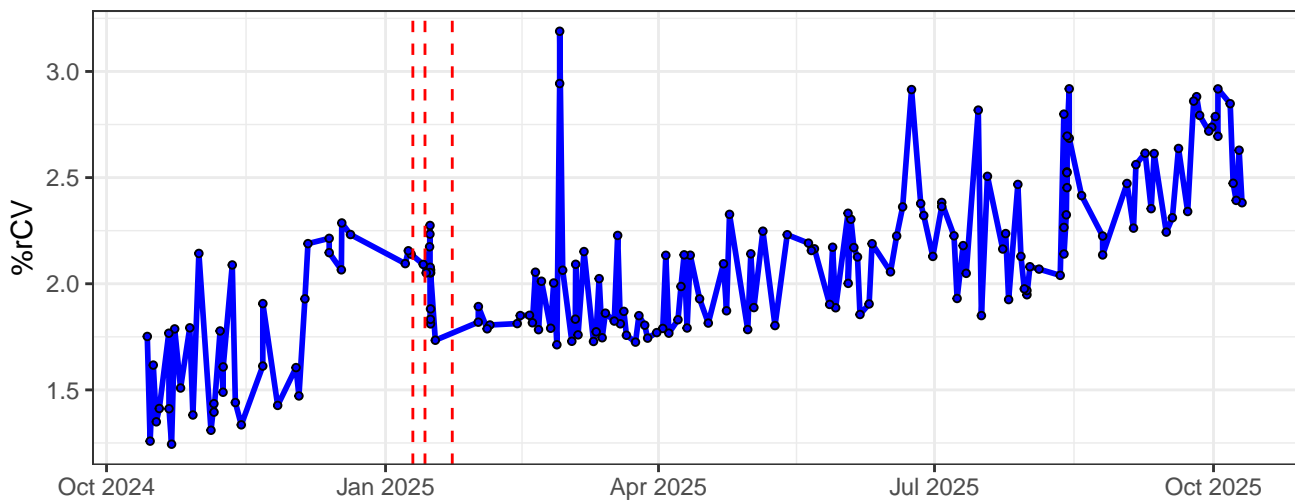
B1-% rCV



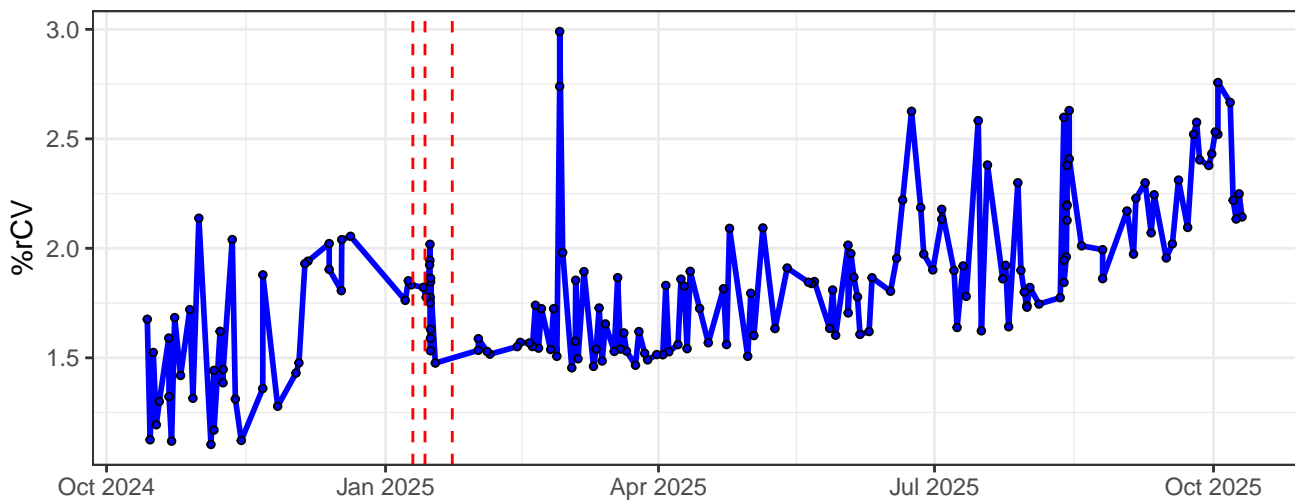
B2-% rCV



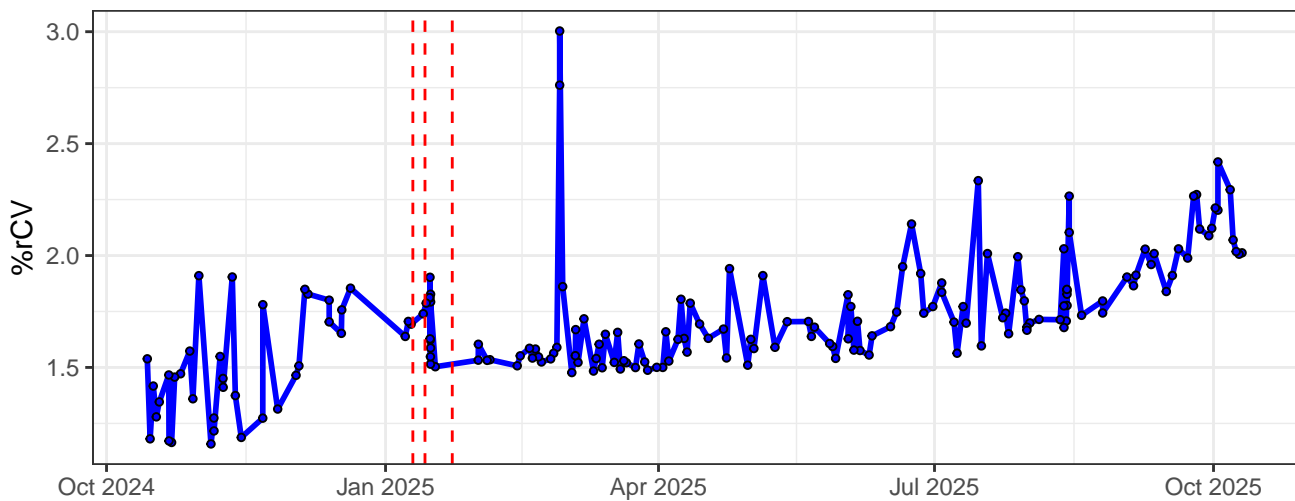
B3-% rCV



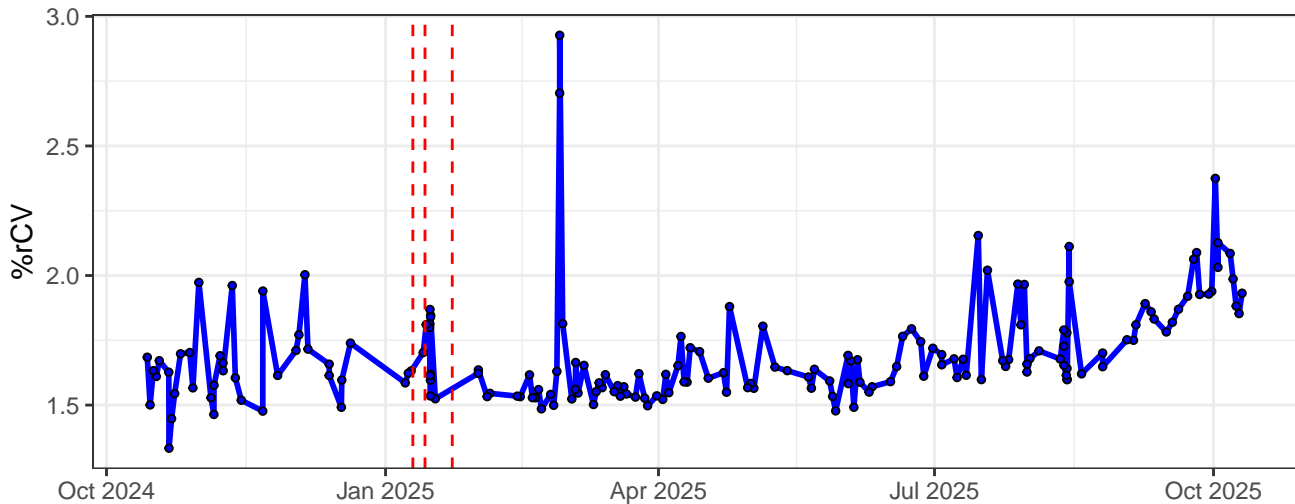
B4-% rCV



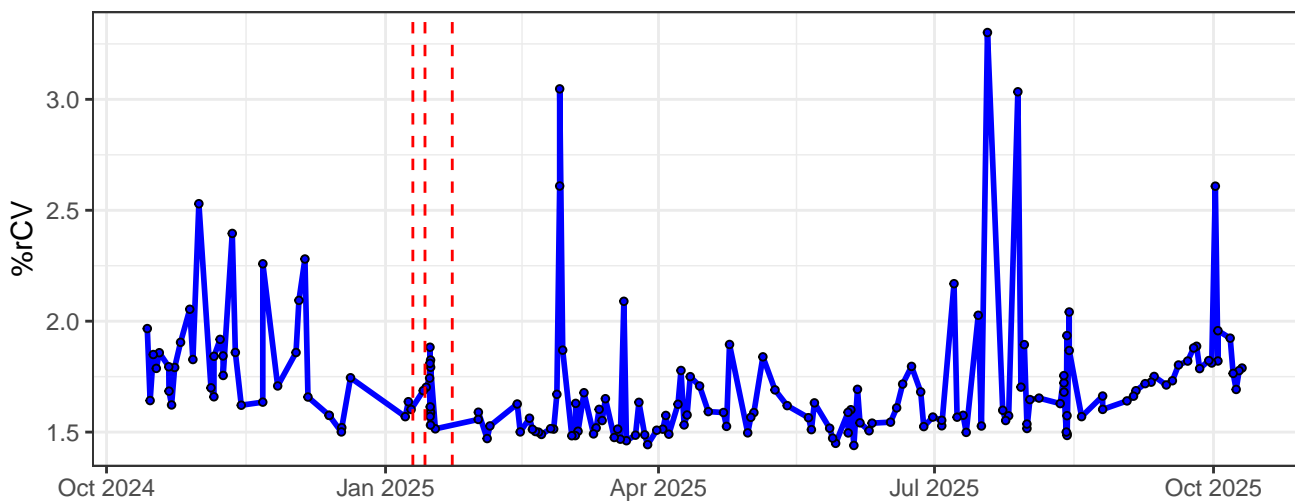
B5-% rCV



B6-% rCV

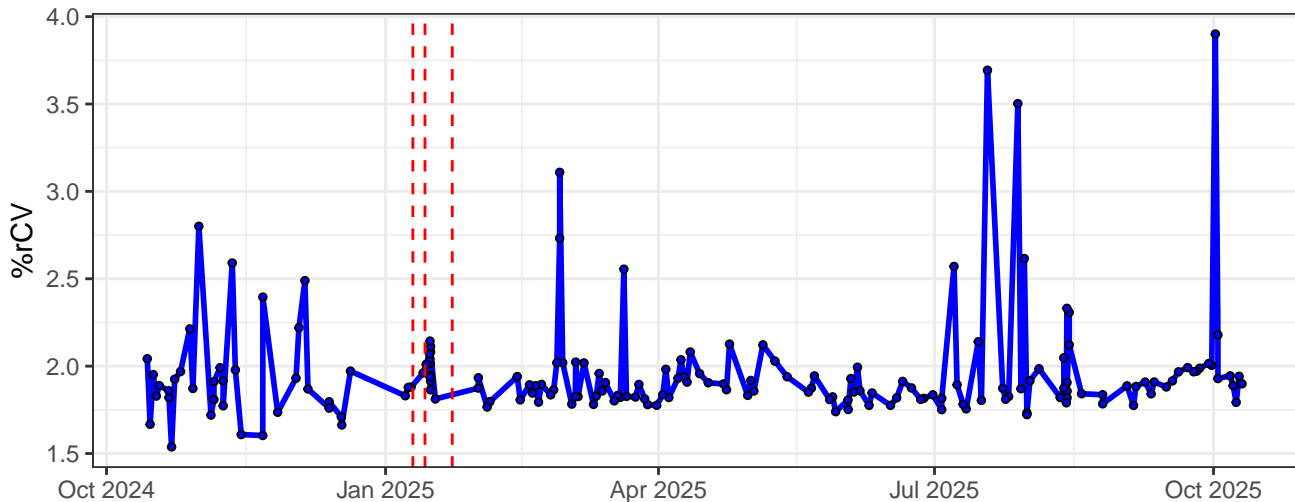


B7-% rCV

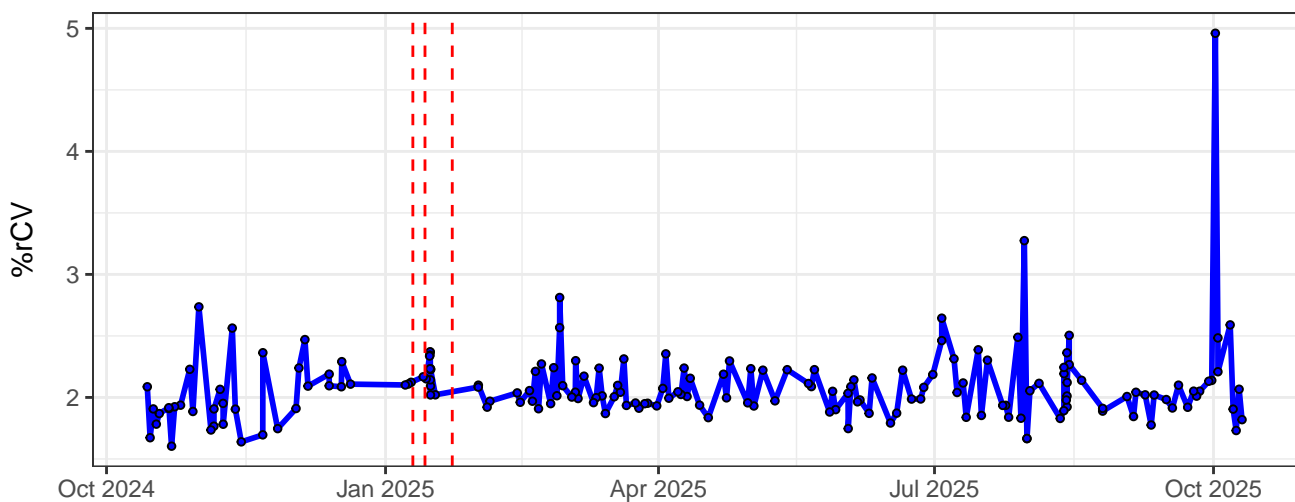




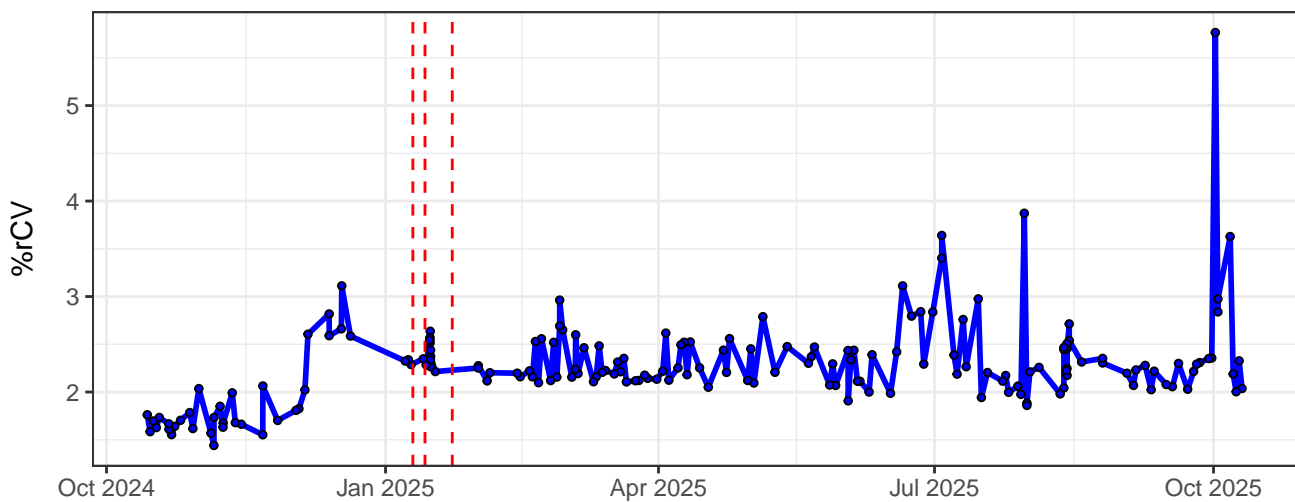
B8-% rCV



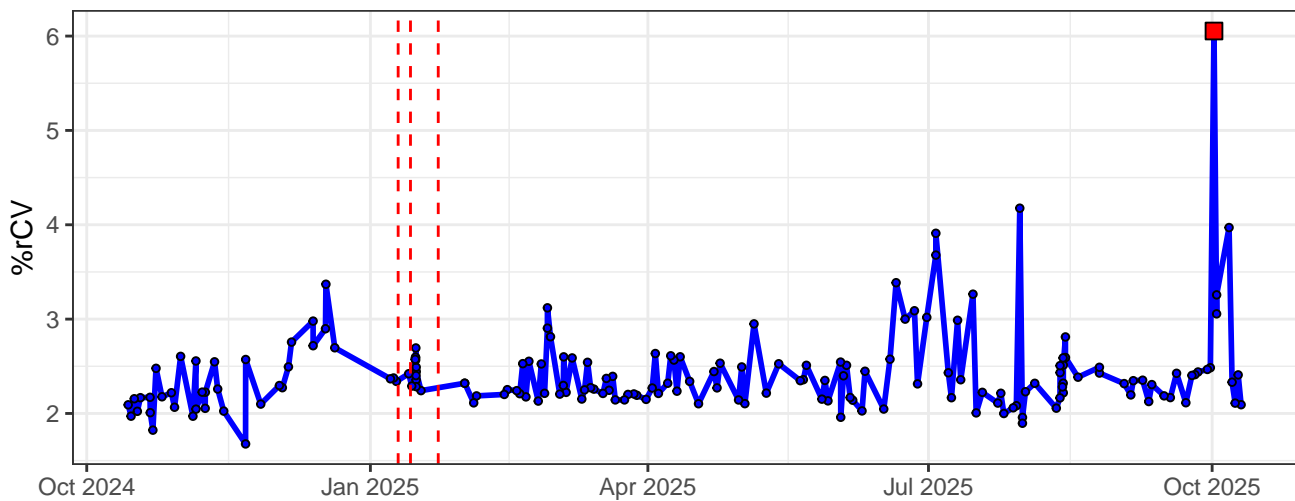
B9-% rCV



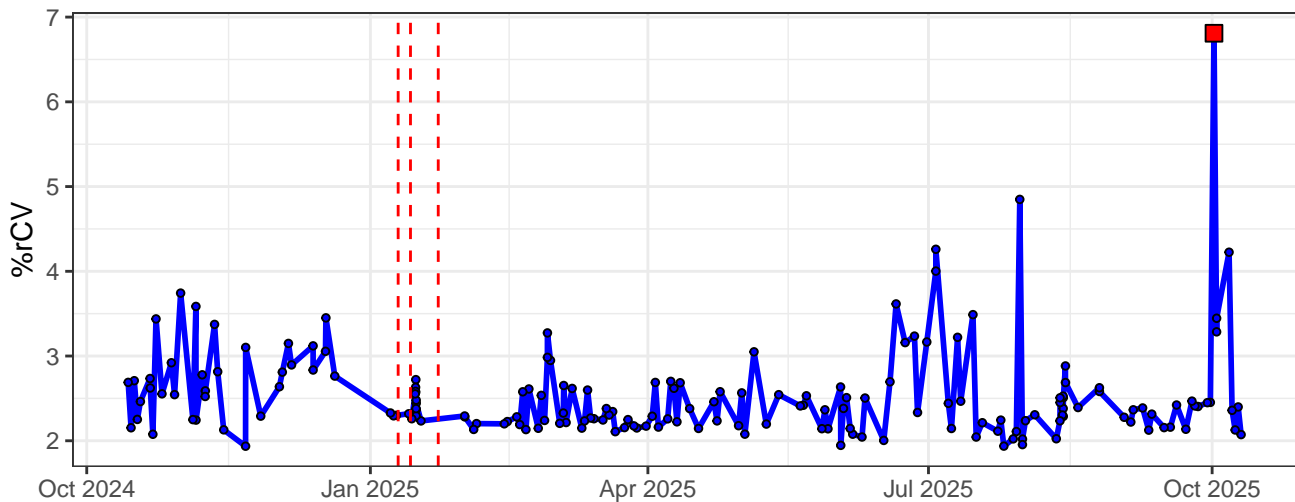
B10-% rCV



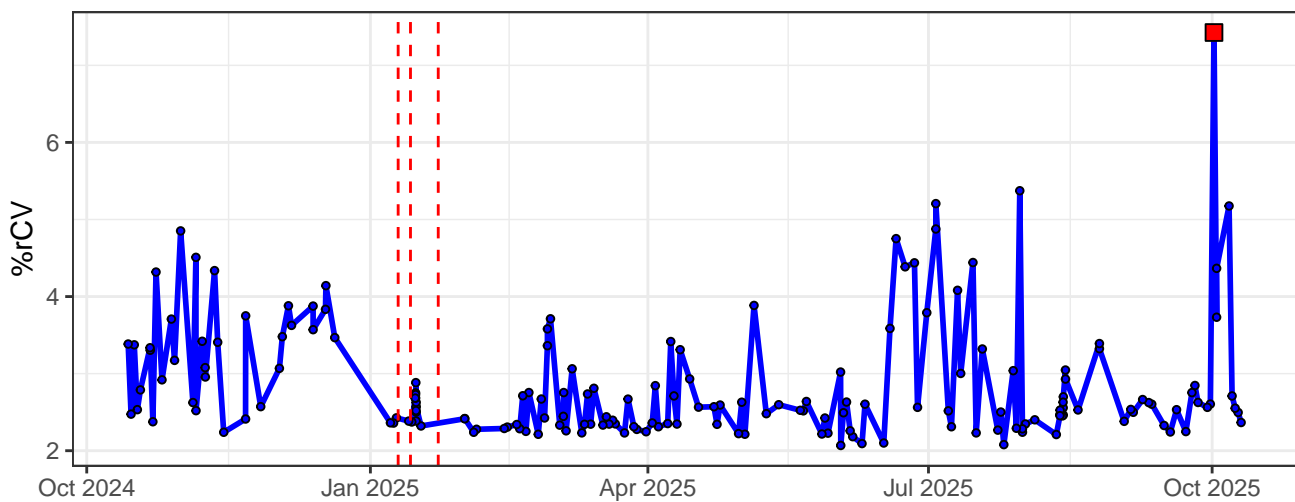
B11-% rCV



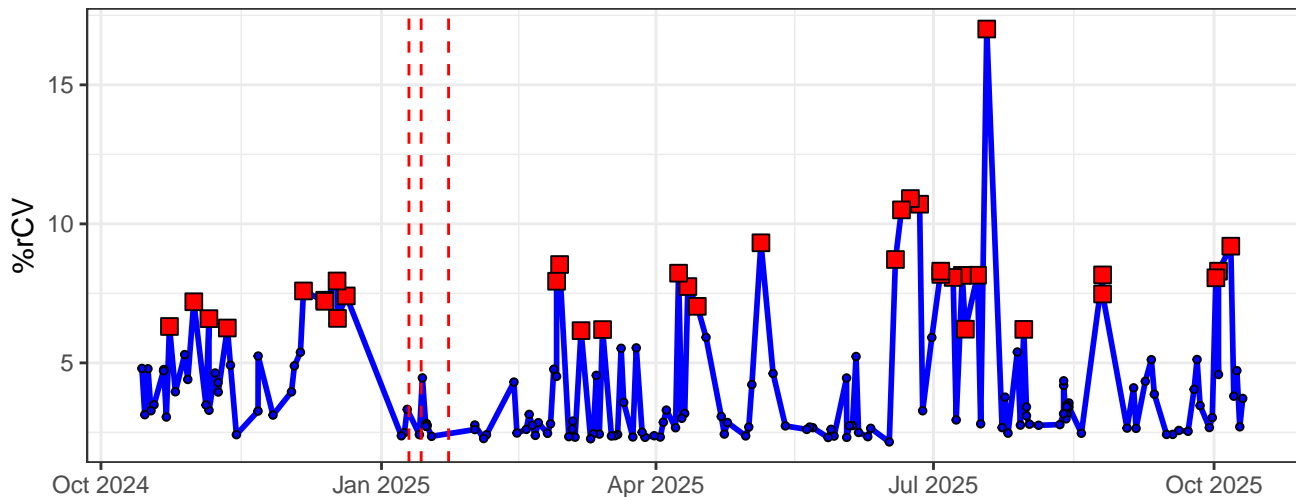
B12-% rCV



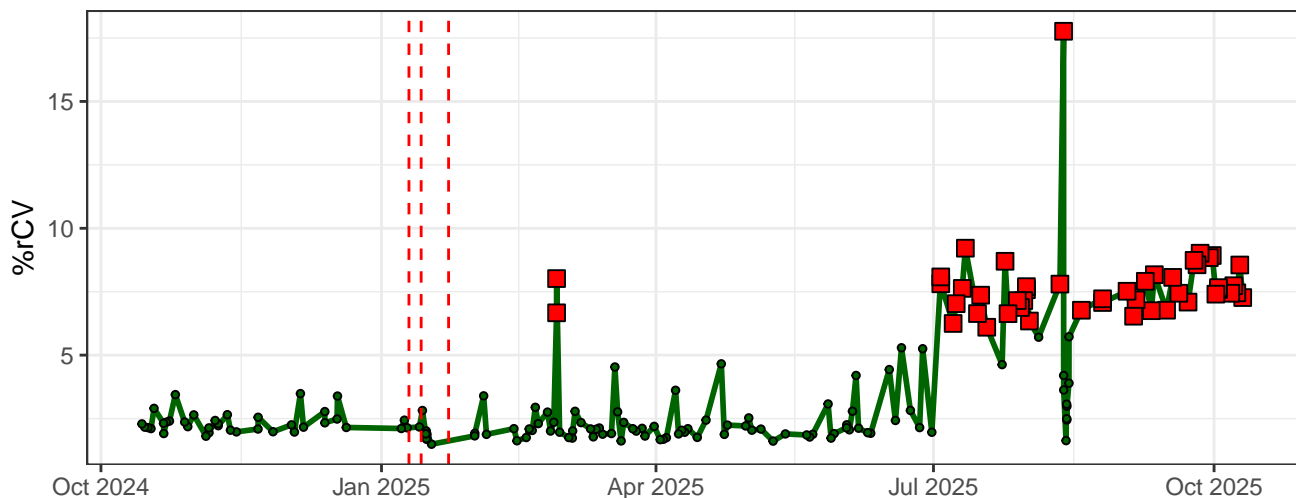
B13-% rCV



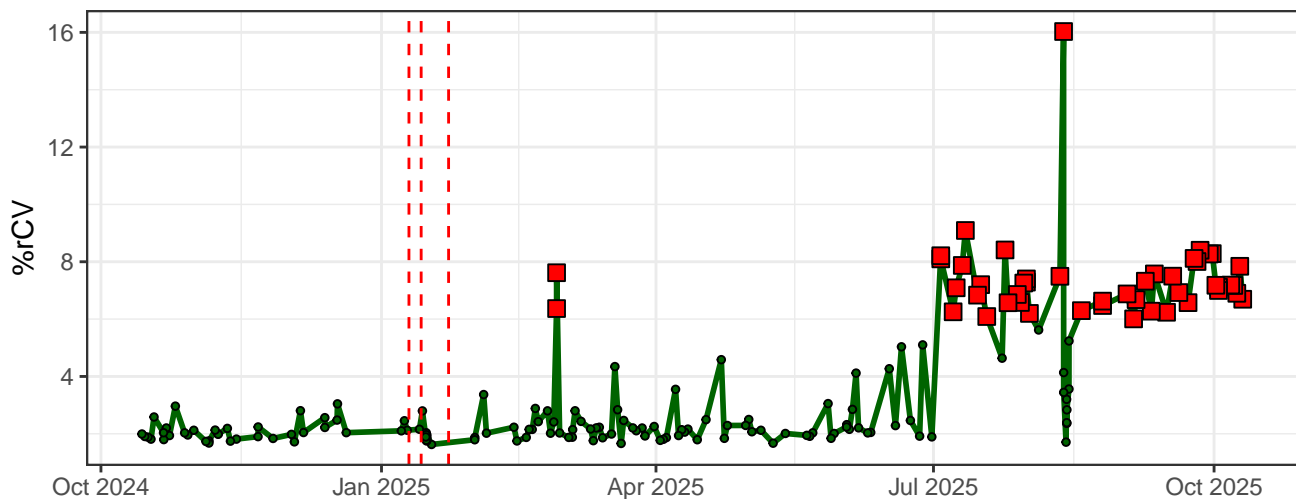
B14-% rCV



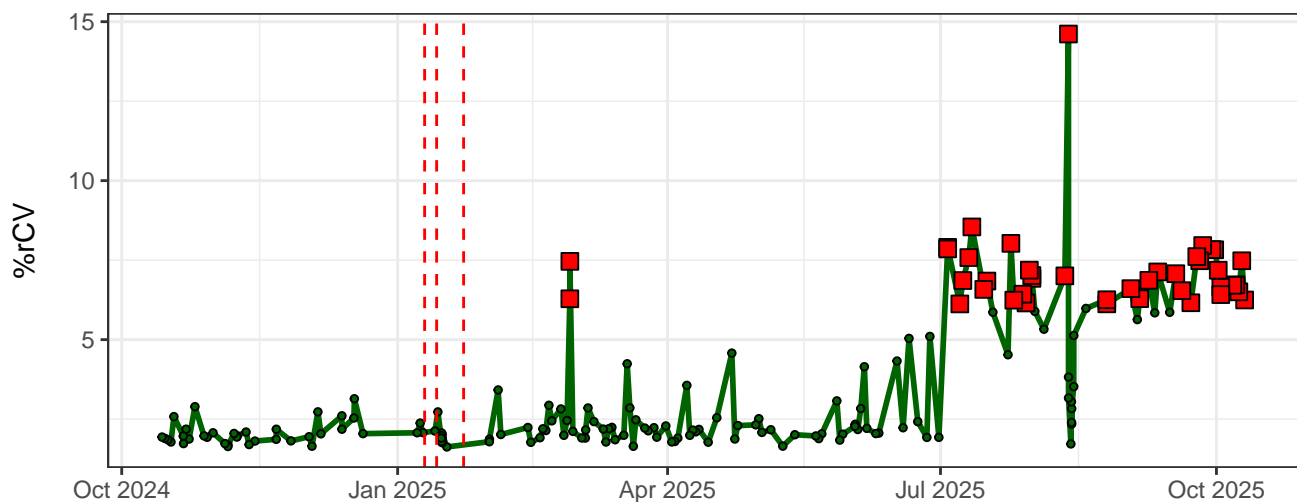
YG1-% rCV



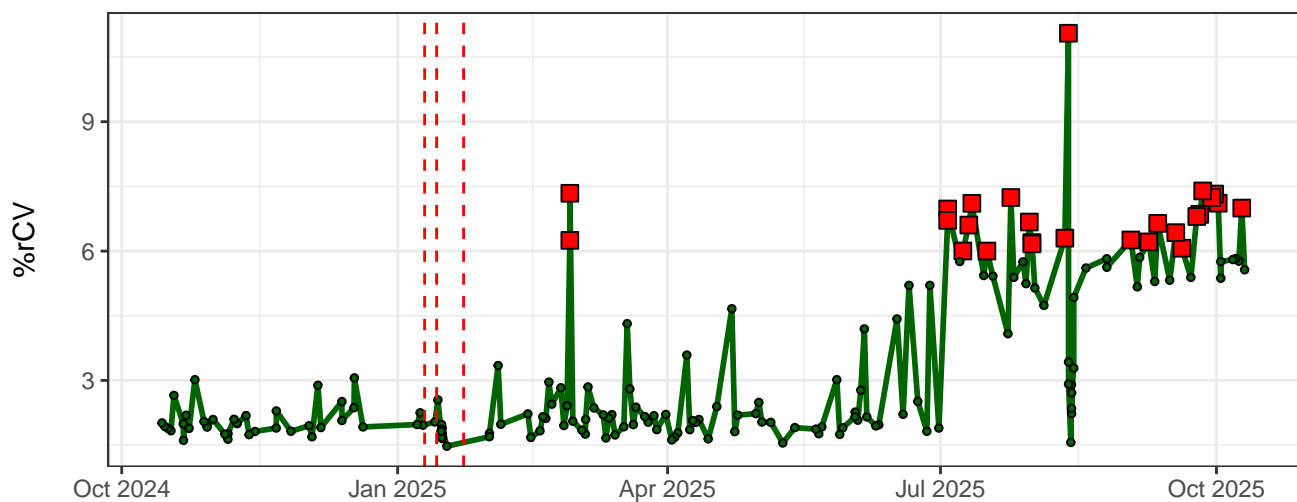
YG2-% rCV



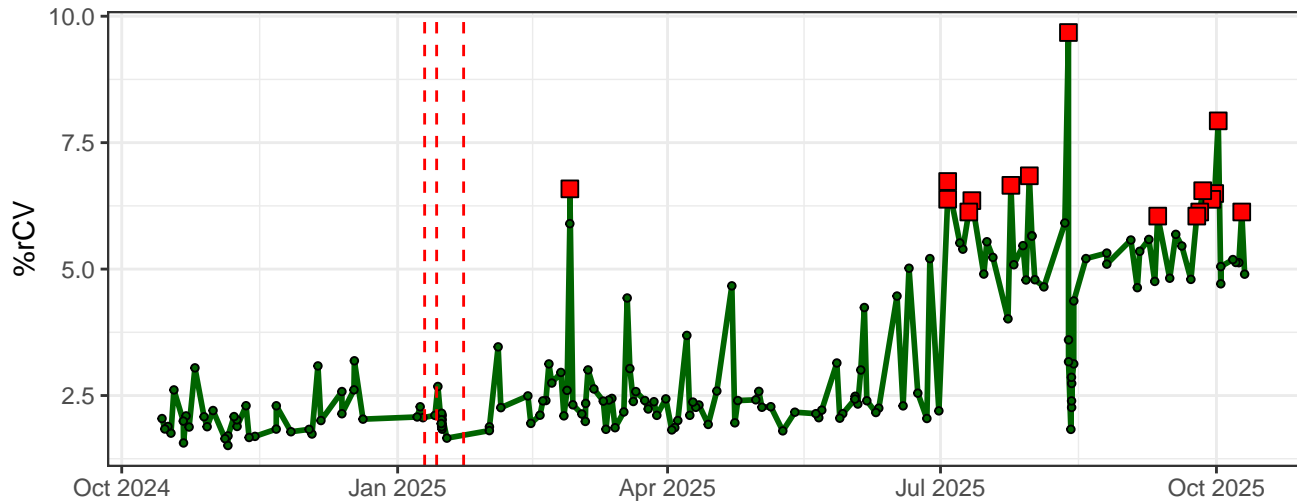
YG3-% rCV



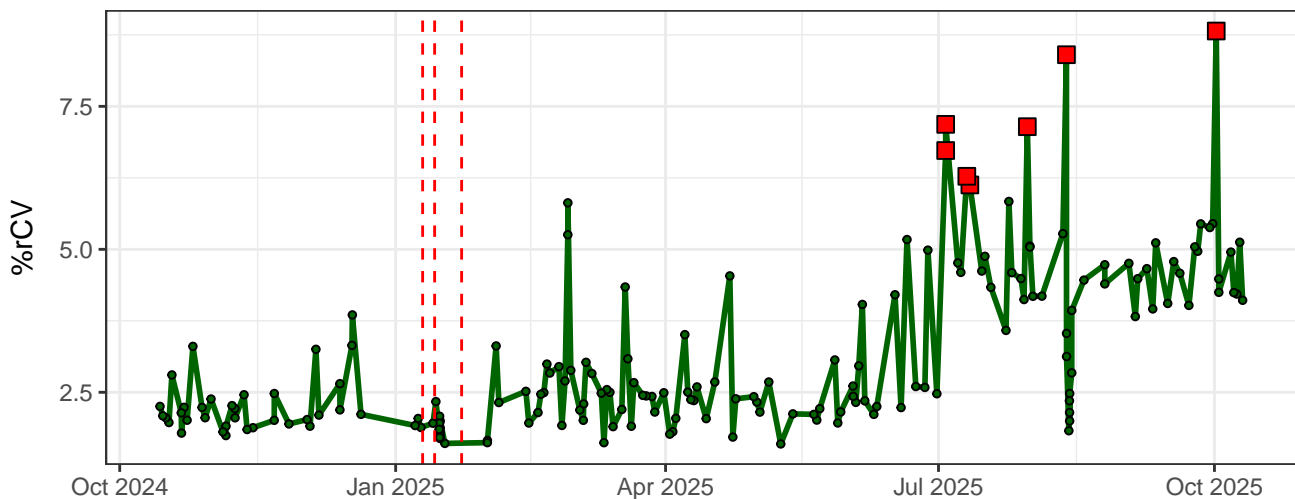
YG4-% rCV



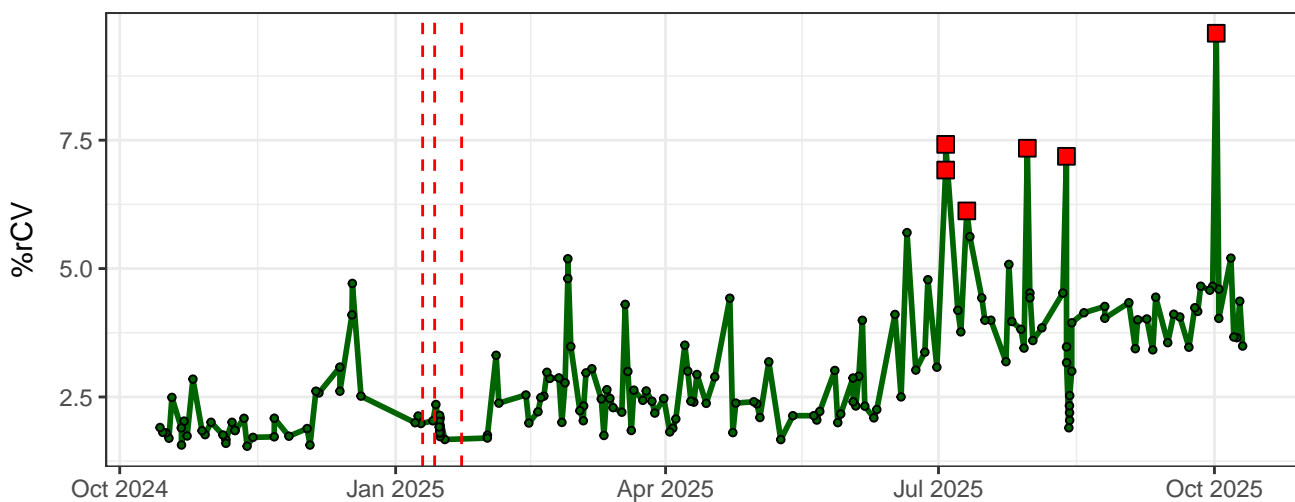
YG5-% rCV



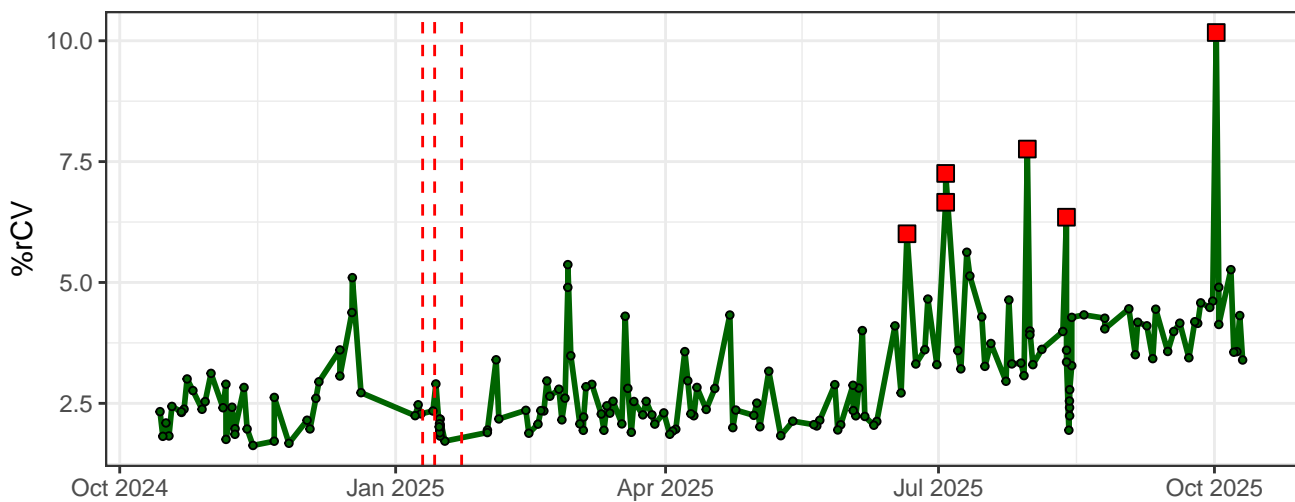
YG6-% rCV



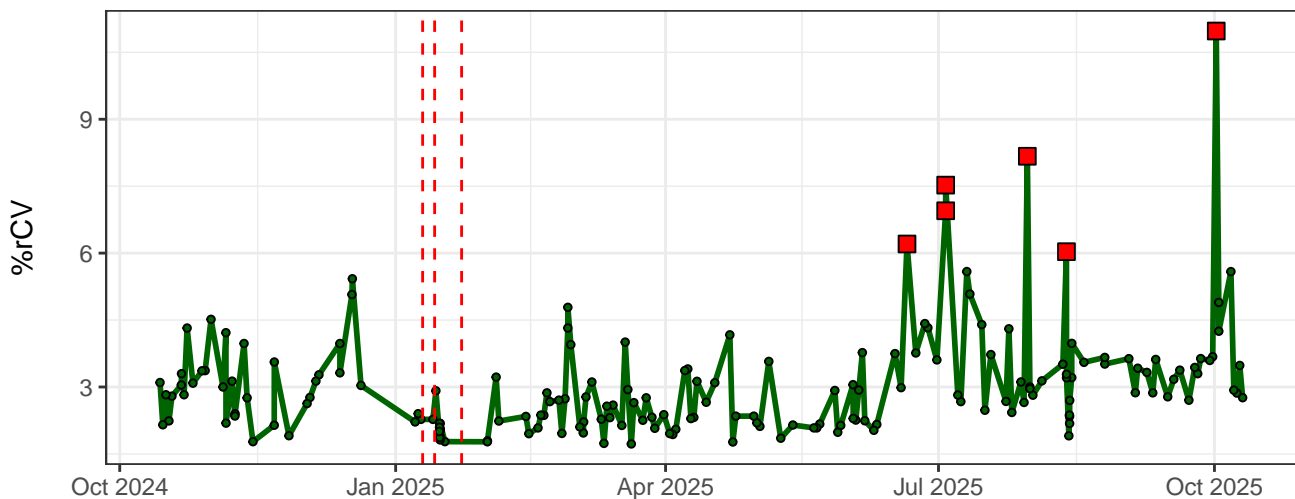
YG7-% rCV



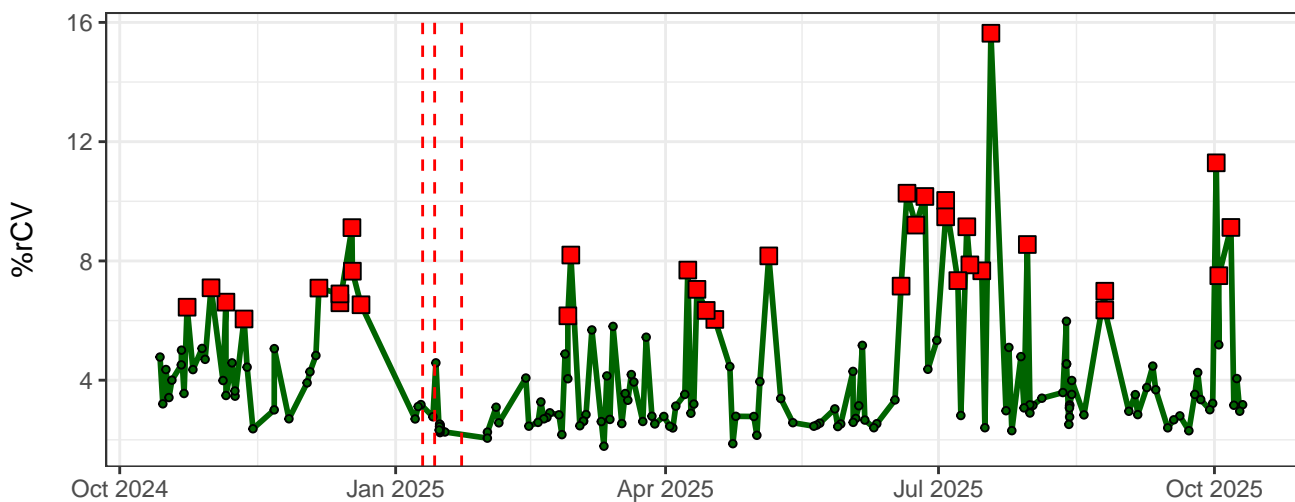
YG8-% rCV



YG9-% rCV



YG10-% rCV



R1-% rCV

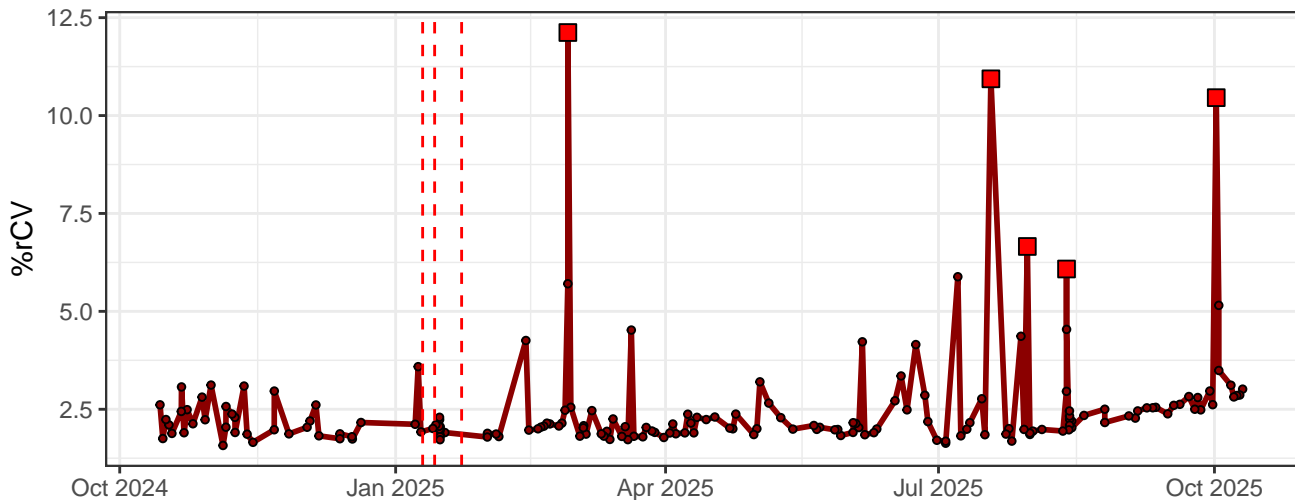
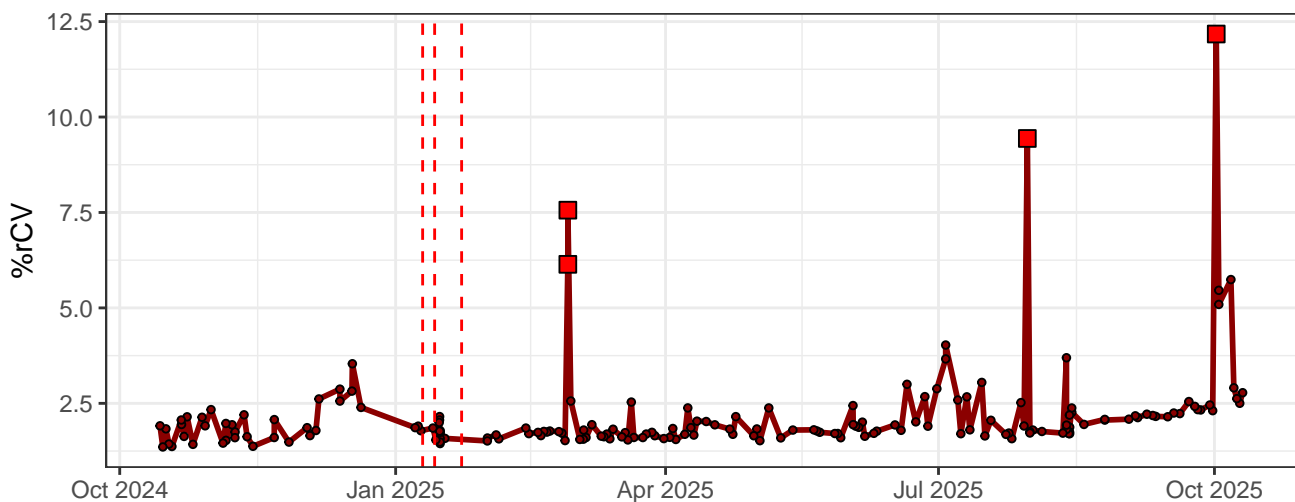


Figure 1 is a line graph showing the percentage of reads with coverage variation (%rCV) over time. The x-axis represents time from October 2024 to October 2025, with major ticks for Oct 2024, Jan 2025, Apr 2025, Jul 2025, and Oct 2025. The y-axis represents %rCV, ranging from 0 to 10. A red line with circular markers shows the %rCV data. Two vertical dashed red lines indicate the start and end of the 2025 New Year's Eve (NYE) period. The graph shows several sharp peaks, with the highest peak reaching approximately 12% in late October 2025.

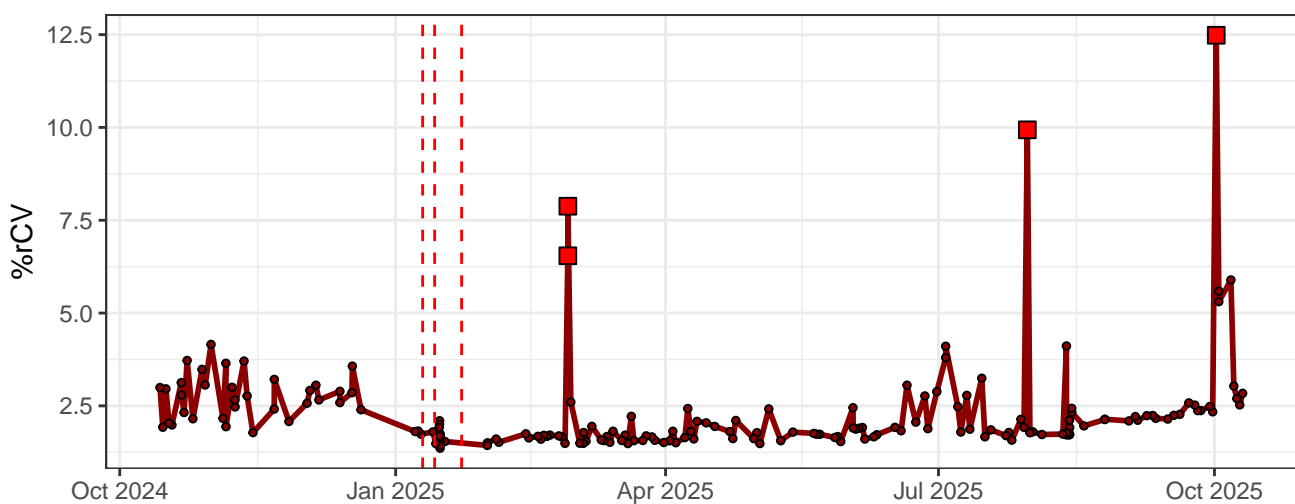
The graph displays the percentage relative coefficient of variation (%rCV) over a period from October 2024 to October 2025. The y-axis is labeled '%rCV' and ranges from 0 to 12.5 in increments of 2.5. The x-axis shows time in months, with labels for Oct 2024, Jan 2025, Apr 2025, Jul 2025, and Oct 2025. A red line with square markers represents the data, showing a generally low %rCV (mostly below 2.5) with several sharp, high peaks. Two vertical dashed red lines are positioned around January 2025, indicating a specific period of interest. The highest peak occurs in late October 2025, reaching approximately 12.5%.

Month	%rCV (approximate)
Oct 2024	1.5
Nov 2024	1.8
Dec 2024	1.2
Jan 2025	1.5
Feb 2025	1.5
Mar 2025	1.5
Apr 2025	1.5
May 2025	1.5
Jun 2025	1.5
Jul 2025	1.5
Aug 2025	1.5
Sep 2025	1.5
Oct 2025	1.5
Nov 2025	1.5
Dec 2025	1.5
Jan 2026	1.5
Feb 2026	1.5
Mar 2026	1.5
Apr 2026	1.5
May 2026	1.5
Jun 2026	1.5
Jul 2026	1.5
Aug 2026	1.5
Sep 2026	1.5
Oct 2026	1.5
Nov 2026	1.5
Dec 2026	1.5
Jan 2027	1.5
Feb 2027	1.5
Mar 2027	1.5
Apr 2027	1.5
May 2027	1.5
Jun 2027	1.5
Jul 2027	1.5
Aug 2027	1.5
Sep 2027	1.5
Oct 2027	1.5
Nov 2027	1.5
Dec 2027	1.5
Jan 2028	1.5
Feb 2028	1.5
Mar 2028	1.5
Apr 2028	1.5
May 2028	1.5
Jun 2028	1.5
Jul 2028	1.5
Aug 2028	1.5
Sep 2028	1.5
Oct 2028	1.5
Nov 2028	1.5
Dec 2028	1.5
Jan 2029	1.5
Feb 2029	1.5
Mar 2029	1.5
Apr 2029	1.5
May 2029	1.5
Jun 2029	1.5
Jul 2029	1.5
Aug 2029	1.5
Sep 2029	1.5
Oct 2029	1.5
Nov 2029	1.5
Dec 2029	1.5
Jan 2030	1.5
Feb 2030	1.5
Mar 2030	1.5
Apr 2030	1.5
May 2030	1.5
Jun 2030	1.5
Jul 2030	1.5
Aug 2030	1.5
Sep 2030	1.5
Oct 2030	1.5
Nov 2030	1.5
Dec 2030	1.5
Jan 2031	1.5
Feb 2031	1.5
Mar 2031	1.5
Apr 2031	1.5
May 2031	1.5
Jun 2031	1.5
Jul 2031	1.5
Aug 2031	1.5
Sep 2031	1.5
Oct 2031	1.5
Nov 2031	1.5
Dec 2031	1.5
Jan 2032	1.5
Feb 2032	1.5
Mar 2032	1.5
Apr 2032	1.5
May 2032	1.5
Jun 2032	1.5
Jul 2032	1.5
Aug 2032	1.5
Sep 2032	1.5
Oct 2032	1.5
Nov 2032	1.5
Dec 2032	1.5
Jan 2033	1.5
Feb 2033	1.5
Mar 2033	1.5
Apr 2033	1.5
May 2033	1.5
Jun 2033	1.5
Jul 2033	1.5
Aug 2033	1.5
Sep 2033	1.5
Oct 2033	1.5
Nov 2033	1.5
Dec 2033	1.5
Jan 2034	1.5
Feb 2034	1.5
Mar 2034	1.5
Apr 2034	1.5
May 2034	1.5
Jun 2034	1.5
Jul 2034	1.5
Aug 2034	1.5
Sep 2034	1.5
Oct 2034	1.5
Nov 2034	1.5
Dec 2034	1.5
Jan 2035	1.5
Feb 2035	1.5
Mar 2035	1.5
Apr 2035	1.5
May 2035	1.5
Jun 2035	1.5
Jul 2035	1.5
Aug 2035	1.5
Sep 2035	1.5
Oct 2035	1.5
Nov 2035	1.5
Dec 2035	1.5
Jan 2036	1.5
Feb 2036	1.5
Mar 2036	1.5
Apr 2036	1.5
May 2036	1.5
Jun 2036	1.5
Jul 2036	1.5
Aug 2036	1.5
Sep 2036	1.5
Oct 2036	1.5
Nov 2036	1.5
Dec 2036	1.5
Jan 2037	1.5
Feb 2037	1.5
Mar 2037	1.5
Apr 2037	1.5
May 2037	1.5
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Jul 2037	1.5
Aug 2037	1.5
Sep 2037	1.5
Oct 2037	1.5
Nov 2037	1.5

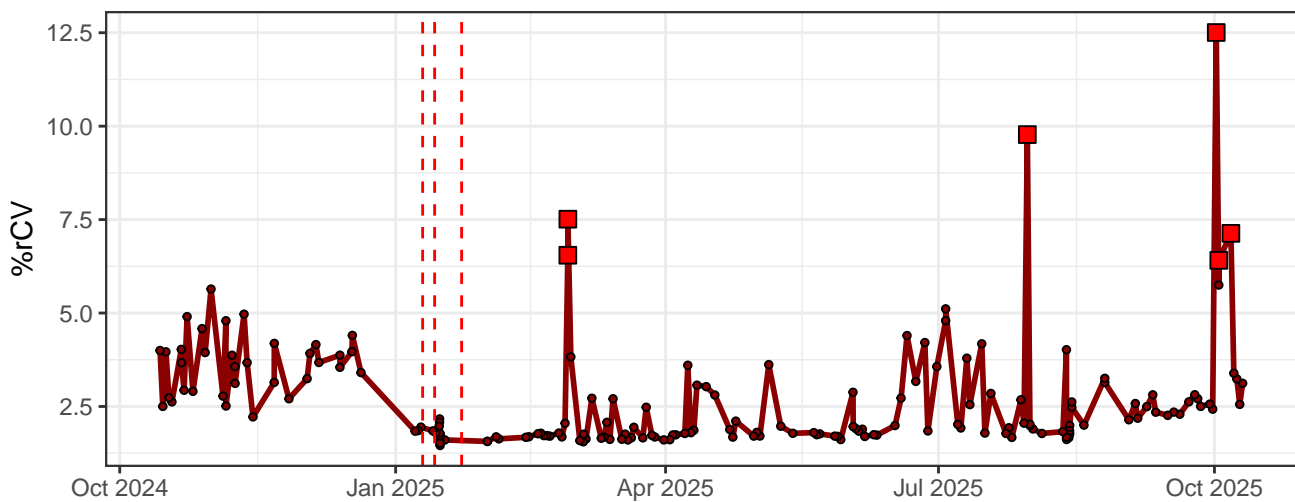
### R5-% rCV



### R6-% rCV

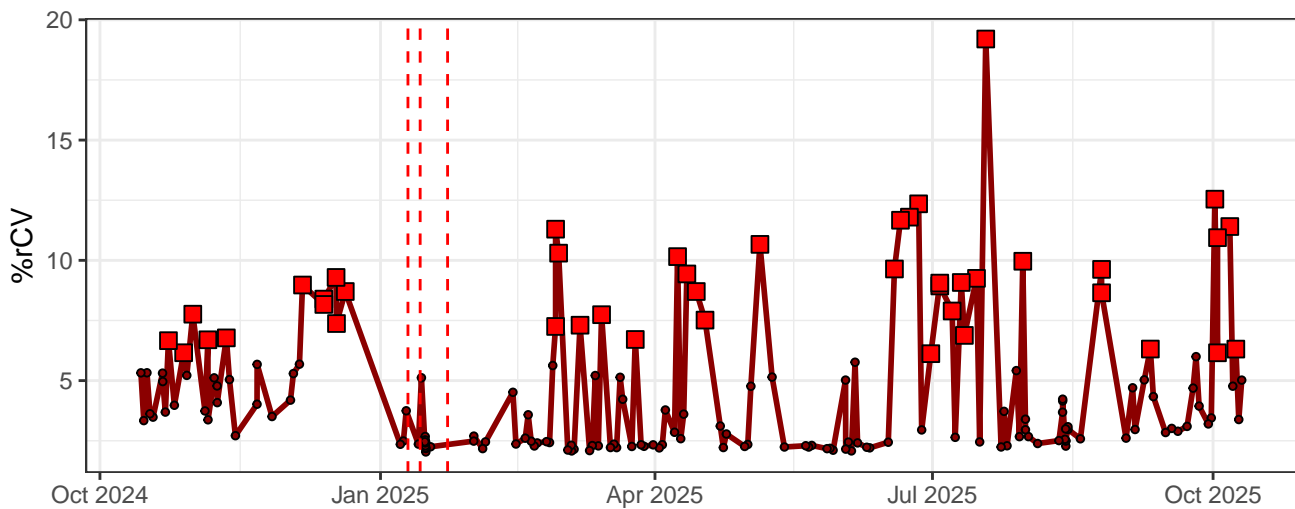


### R7-% rCV

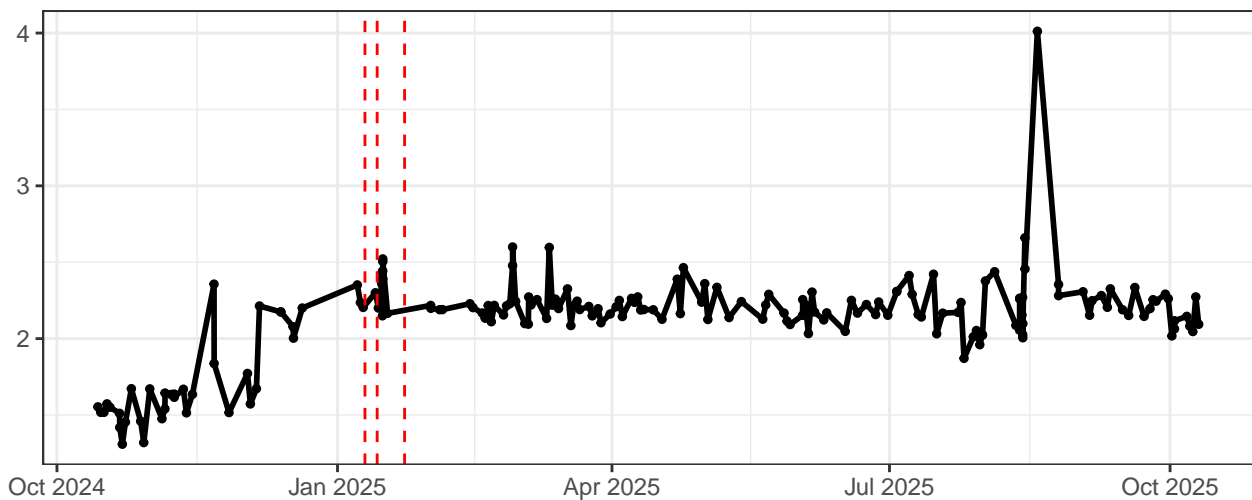




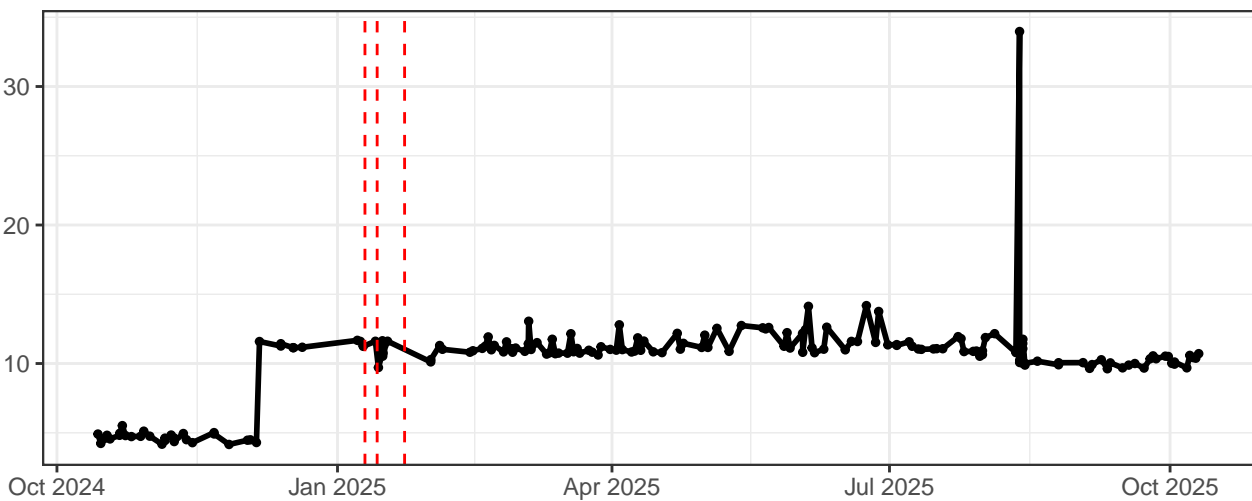
R8-% rCV



FSC-% rCV



SSC-% rCV



SSC-B-% rCV

