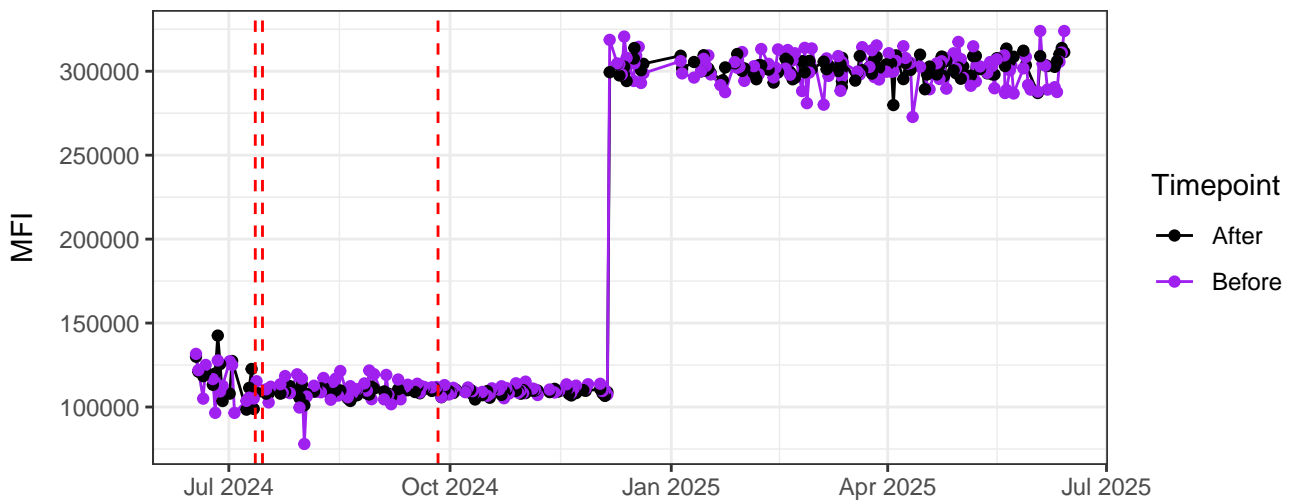
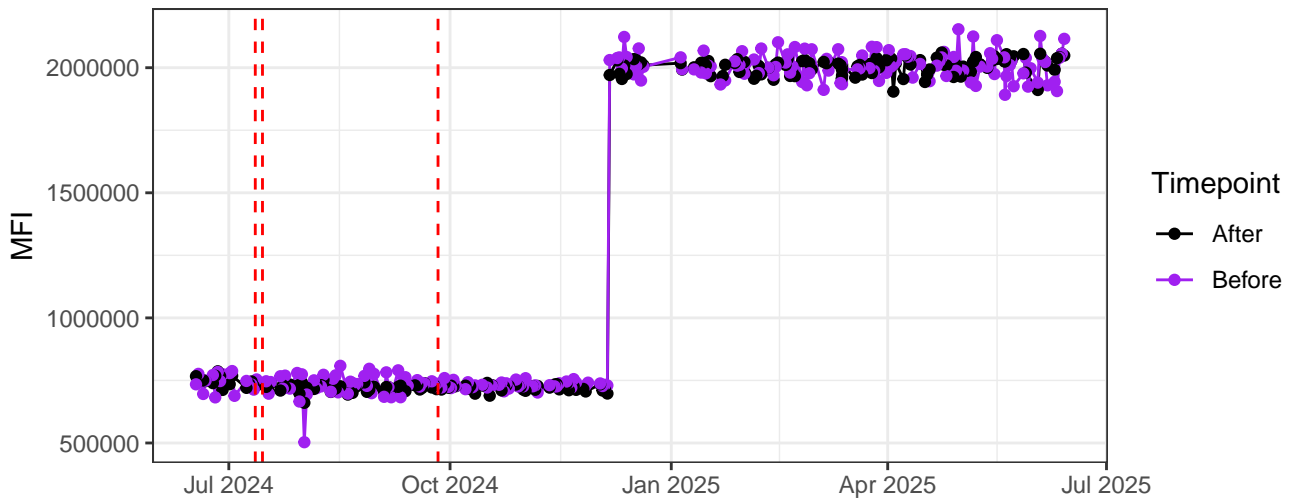


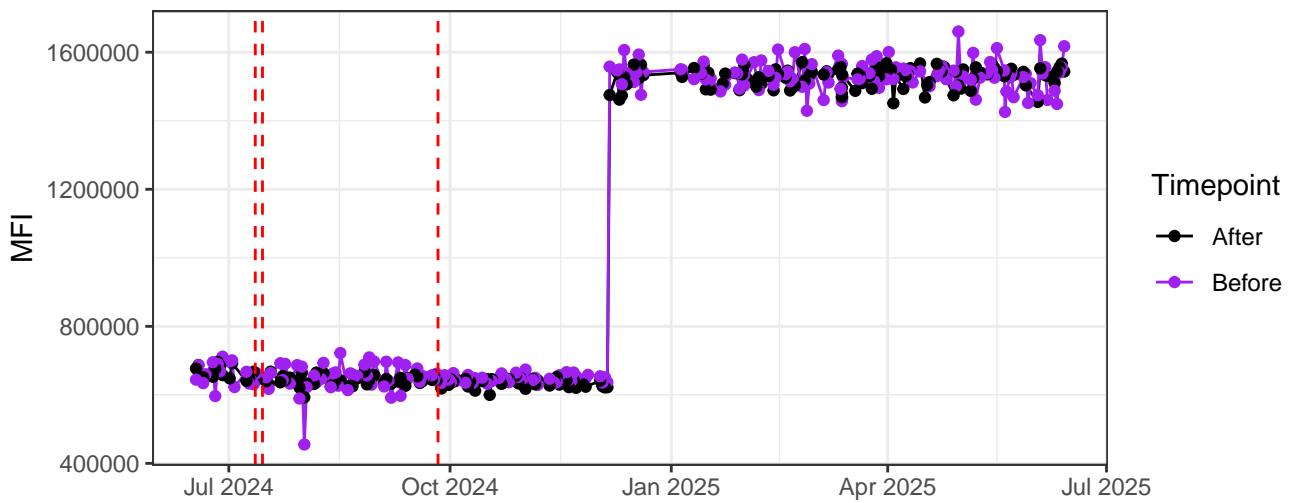
UV1-A



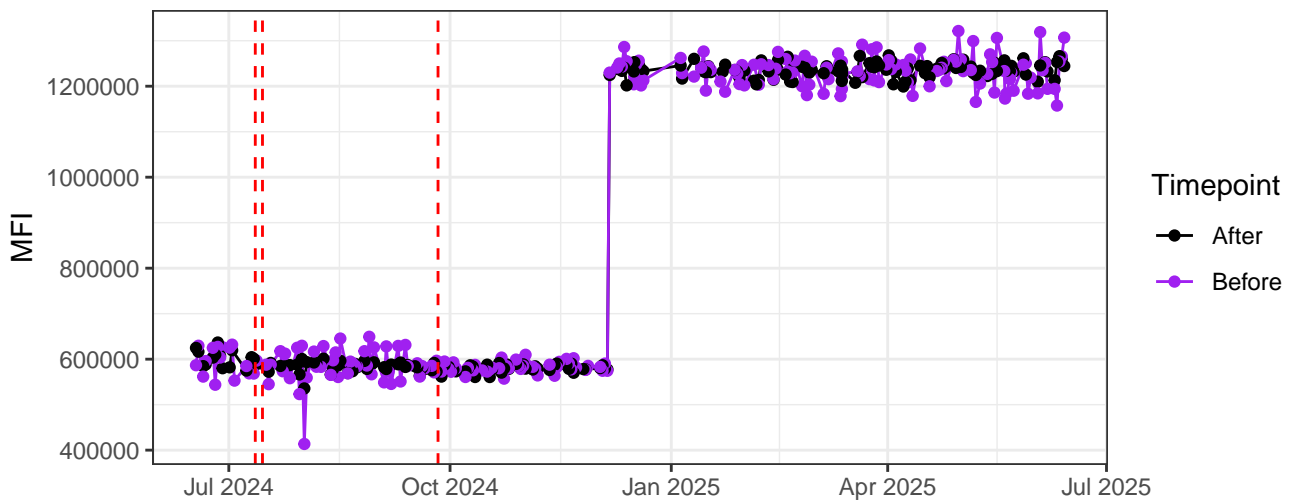
UV2-A



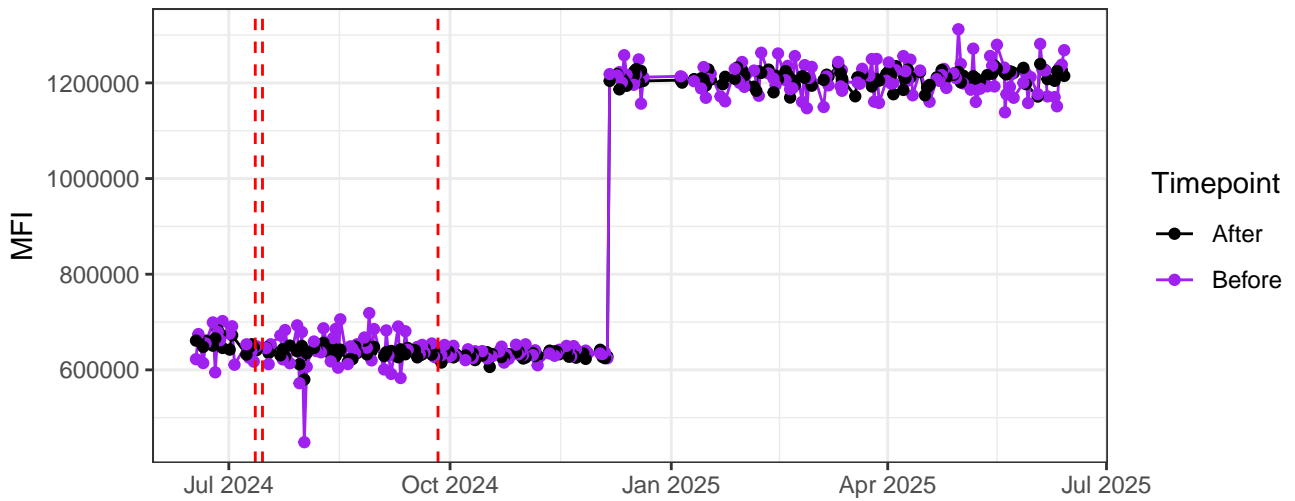
UV3-A



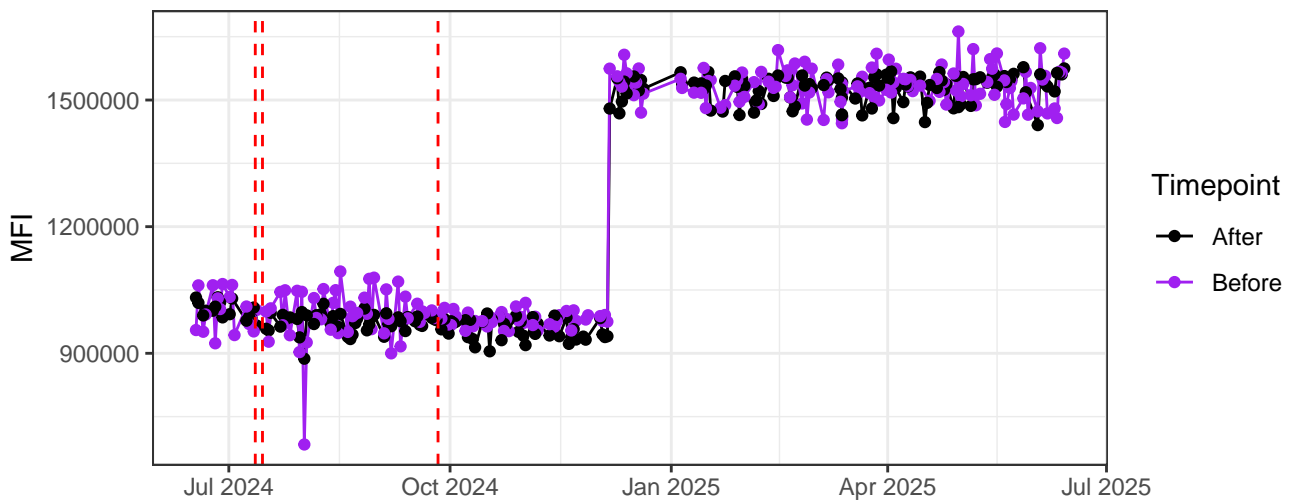
UV4-A



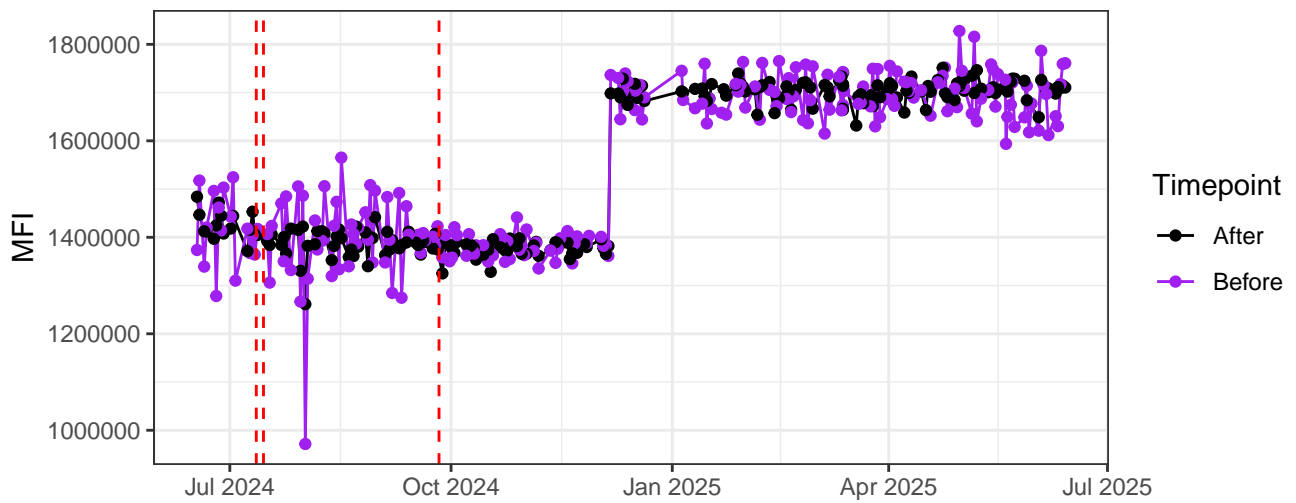
UV5-A



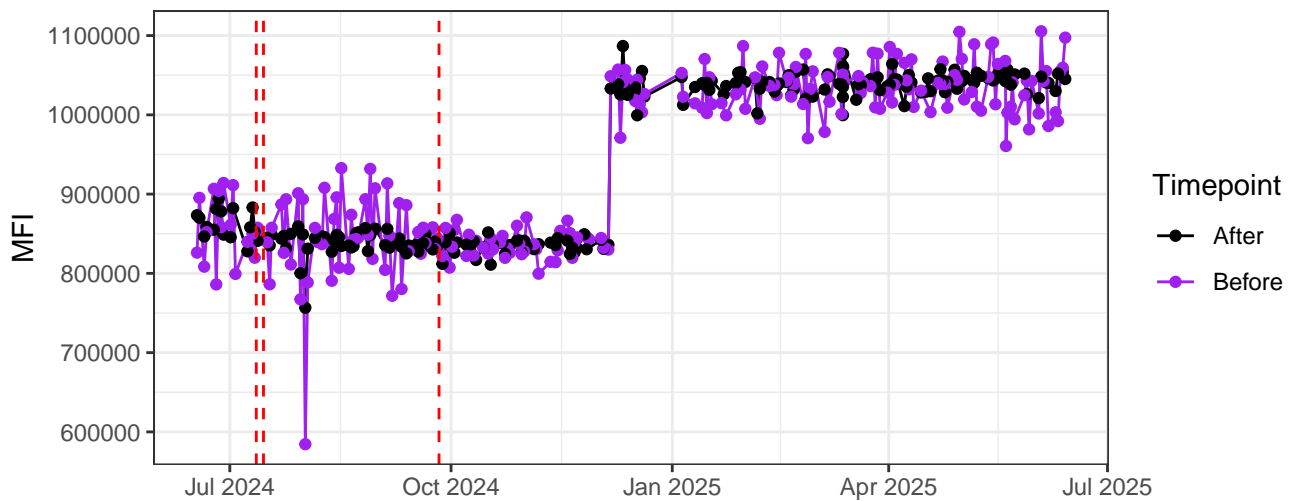
UV6-A



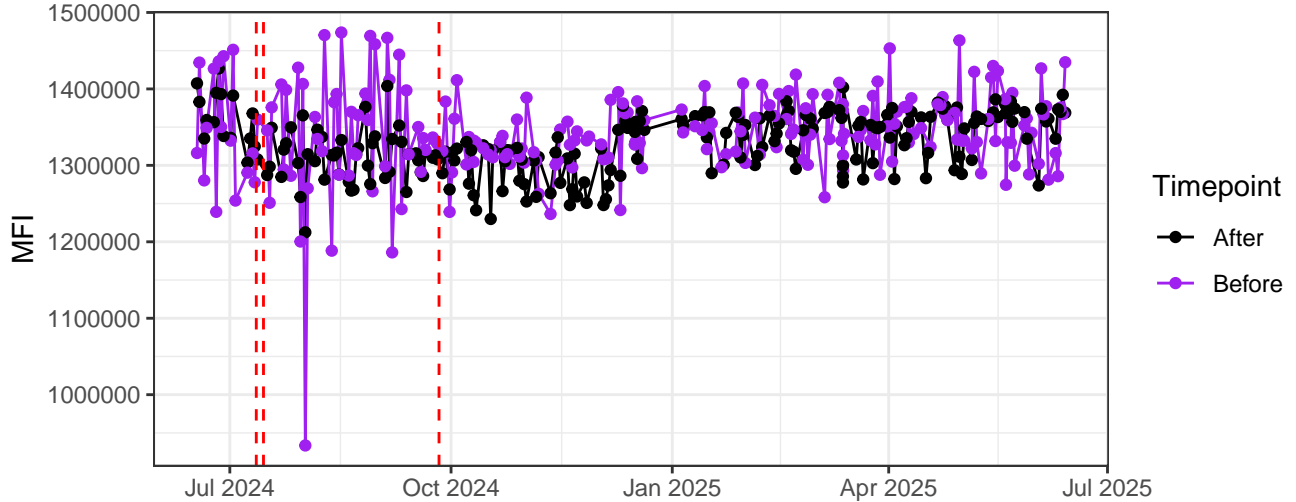
UV7-A



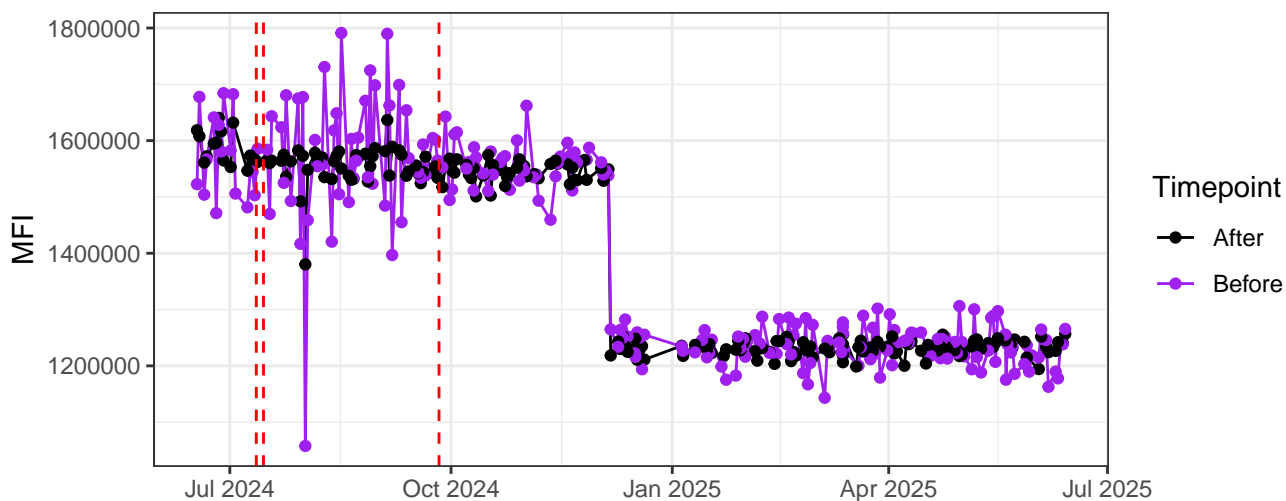
UV8-A



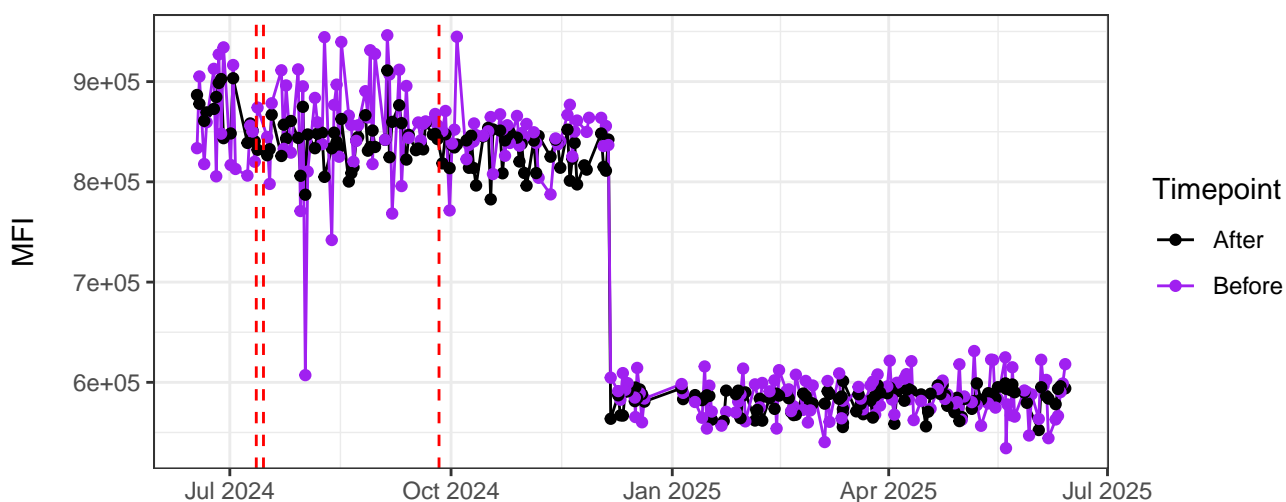
UV9-A



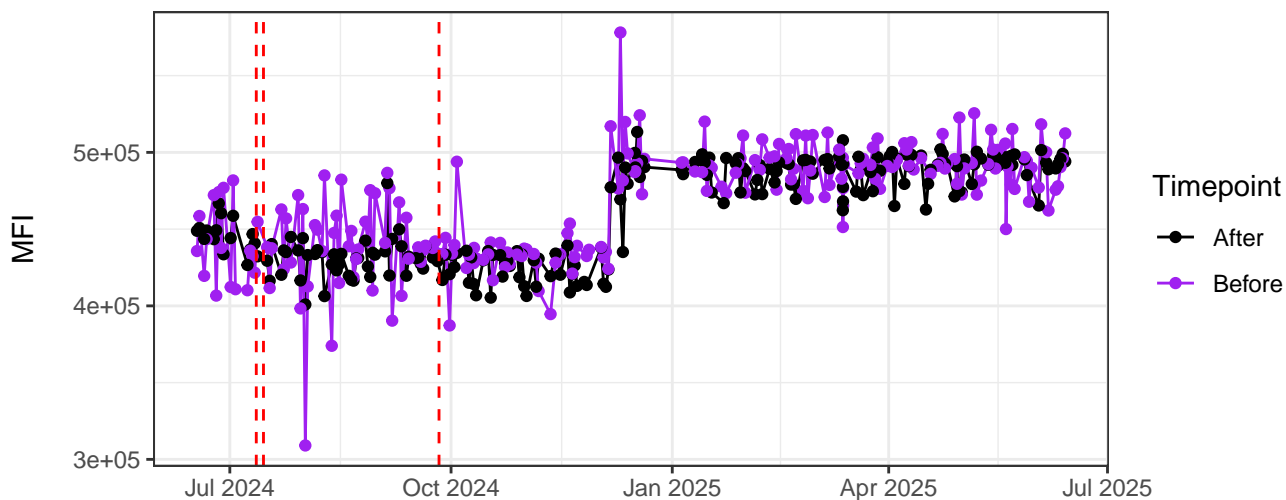
UV10-A



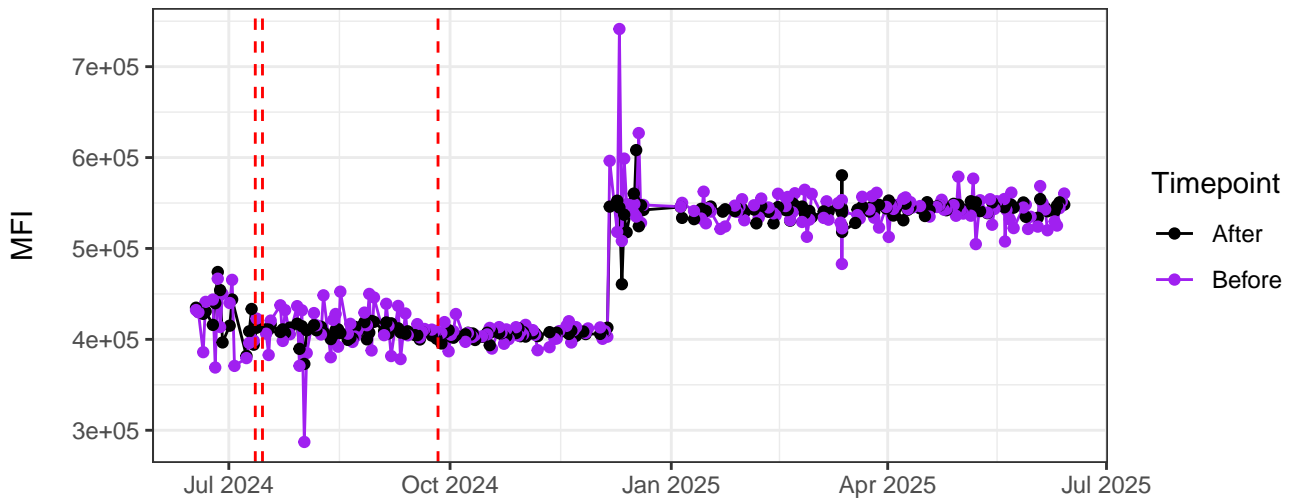
UV11-A



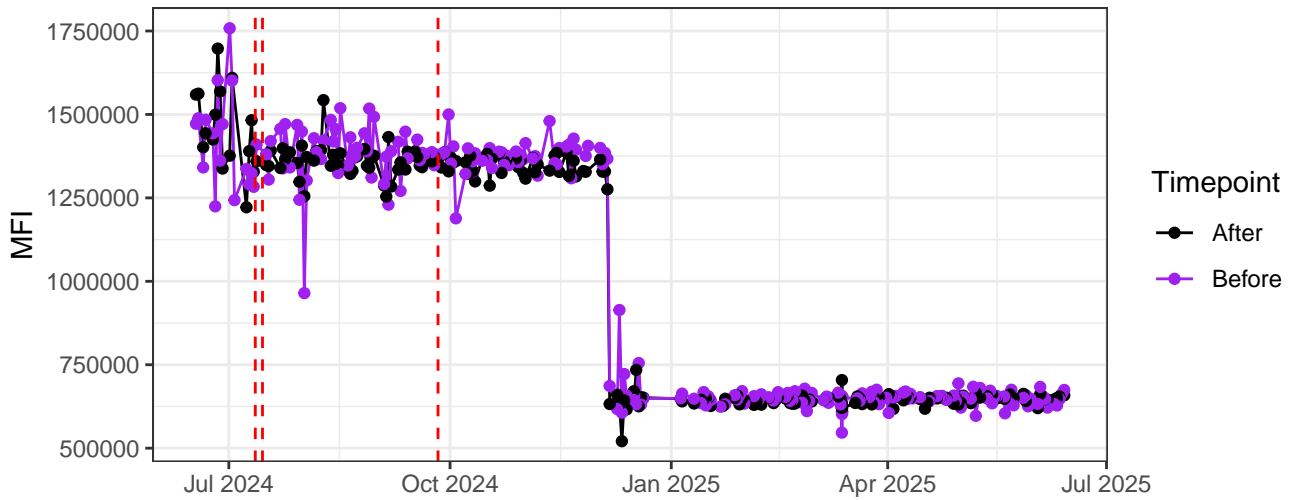
UV12-A



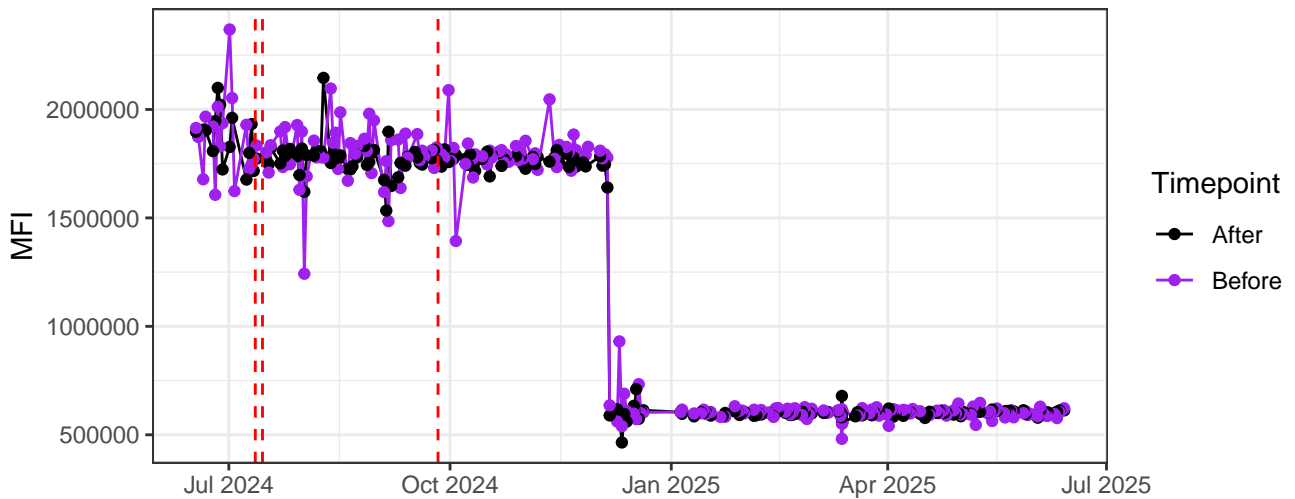
UV13-A



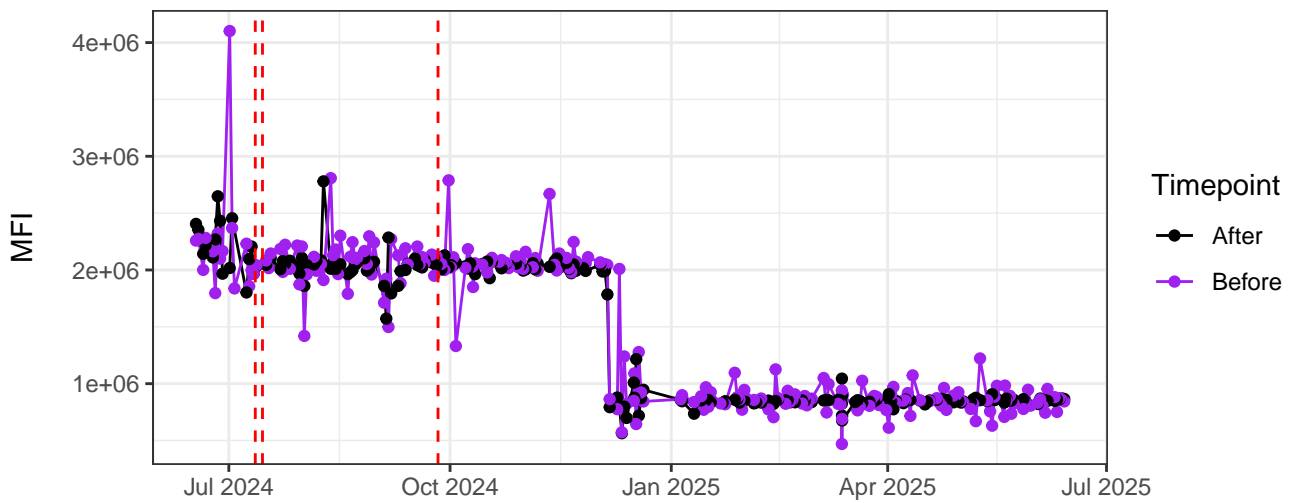
UV14-A



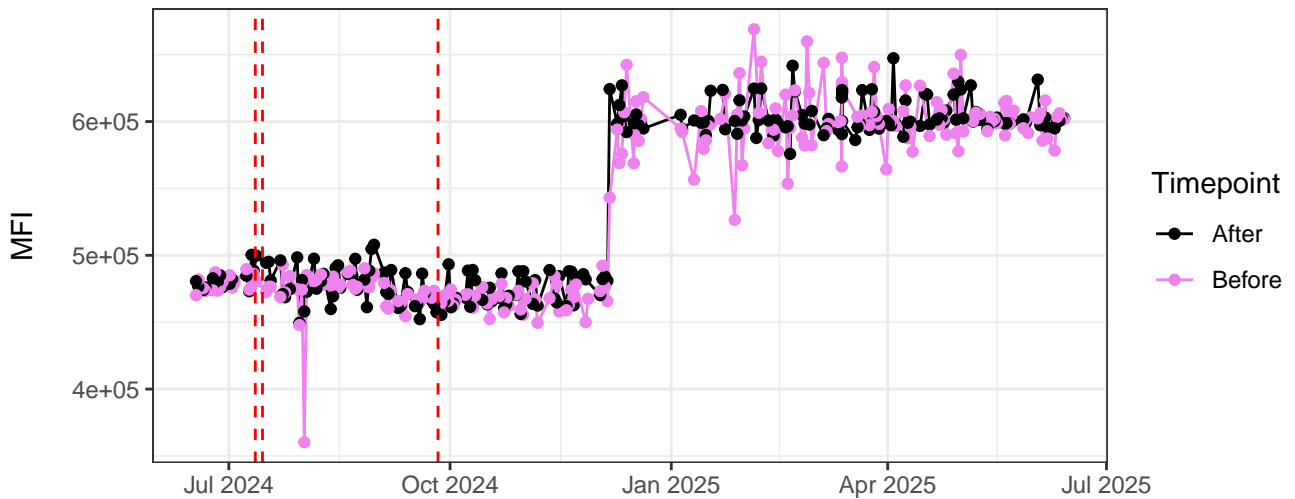
UV15-A



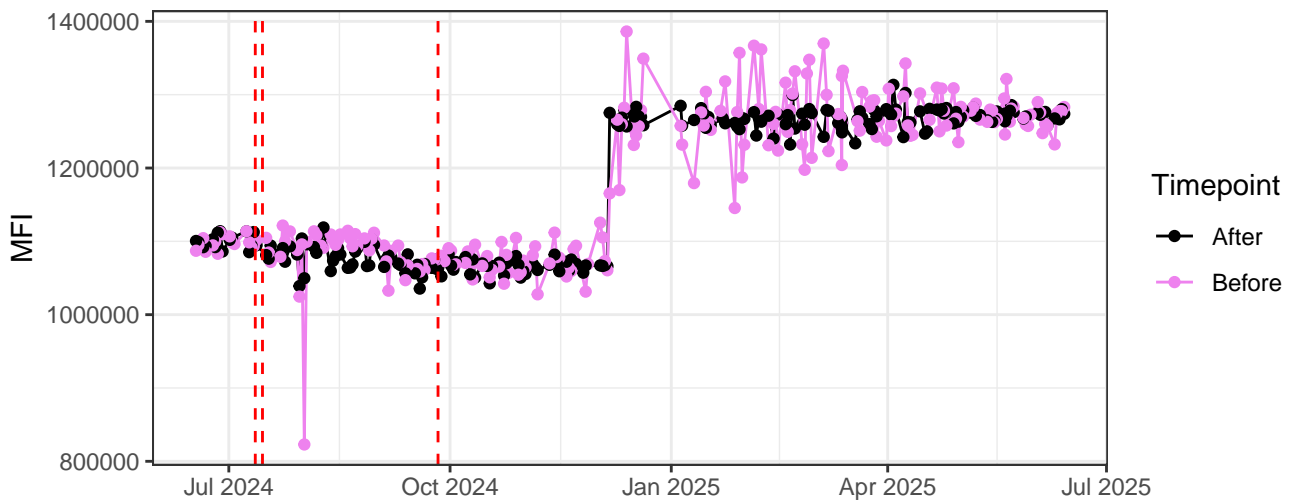
UV16-A



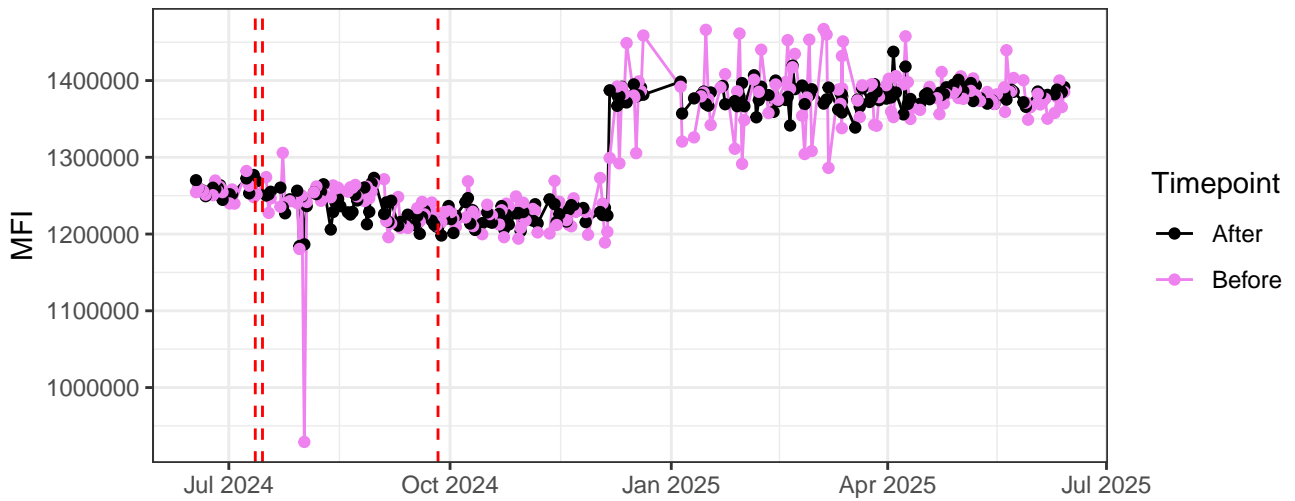
V1-A



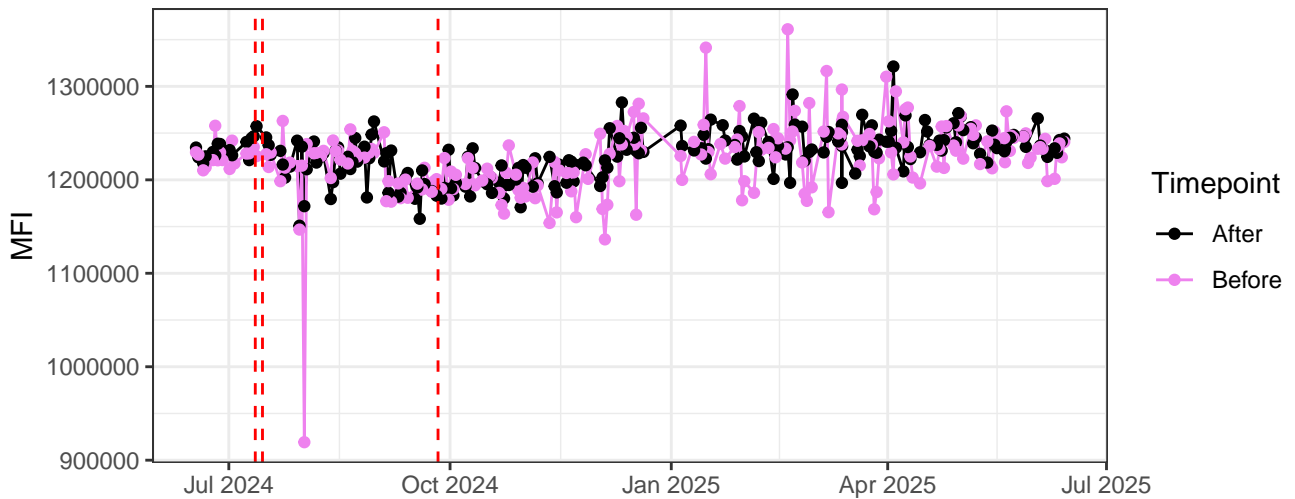
V2-A



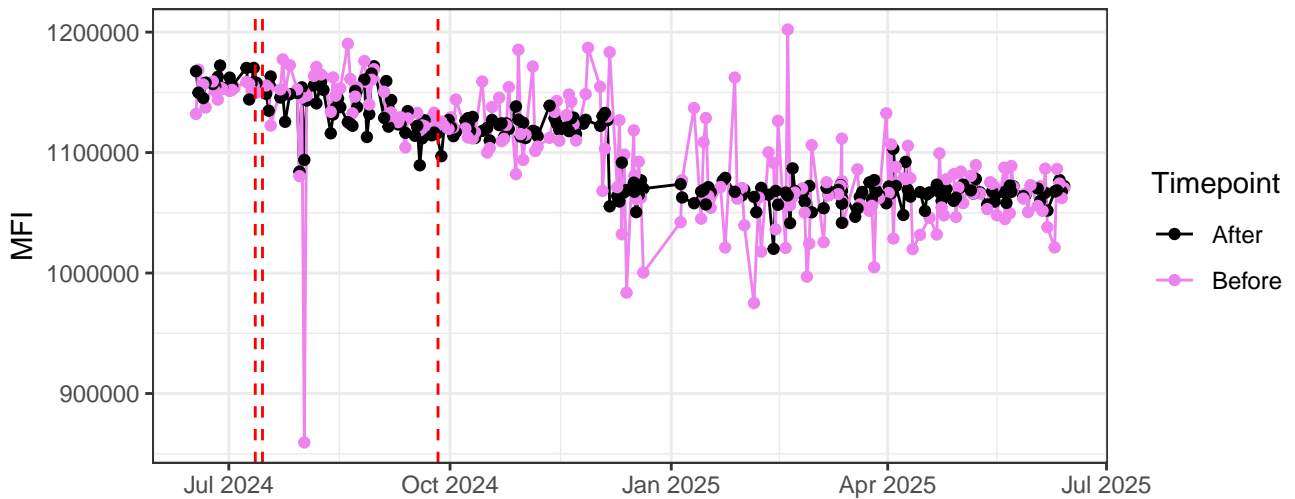
V3-A



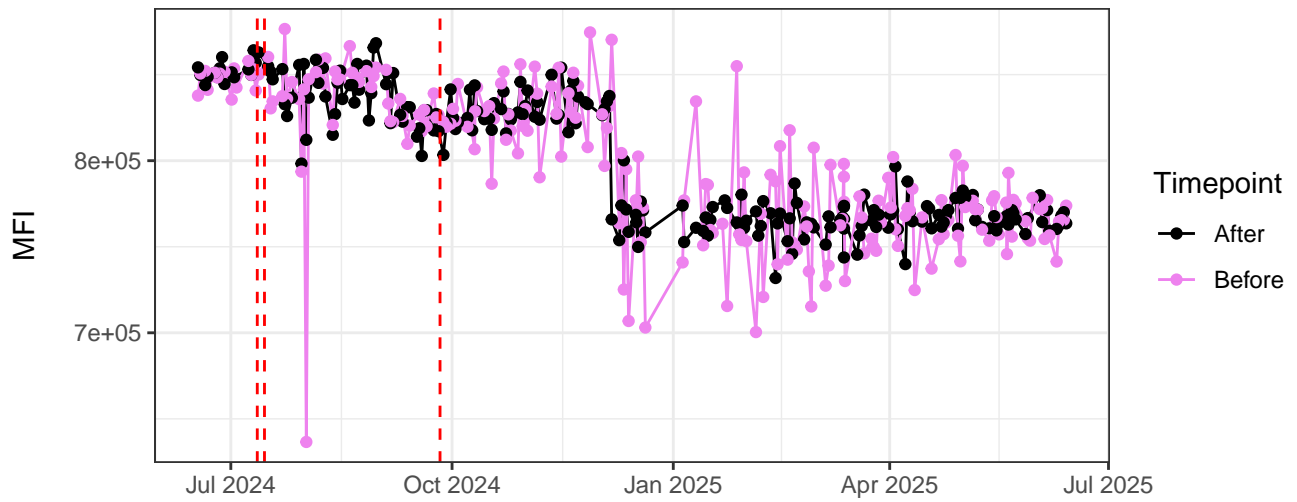
V4-A



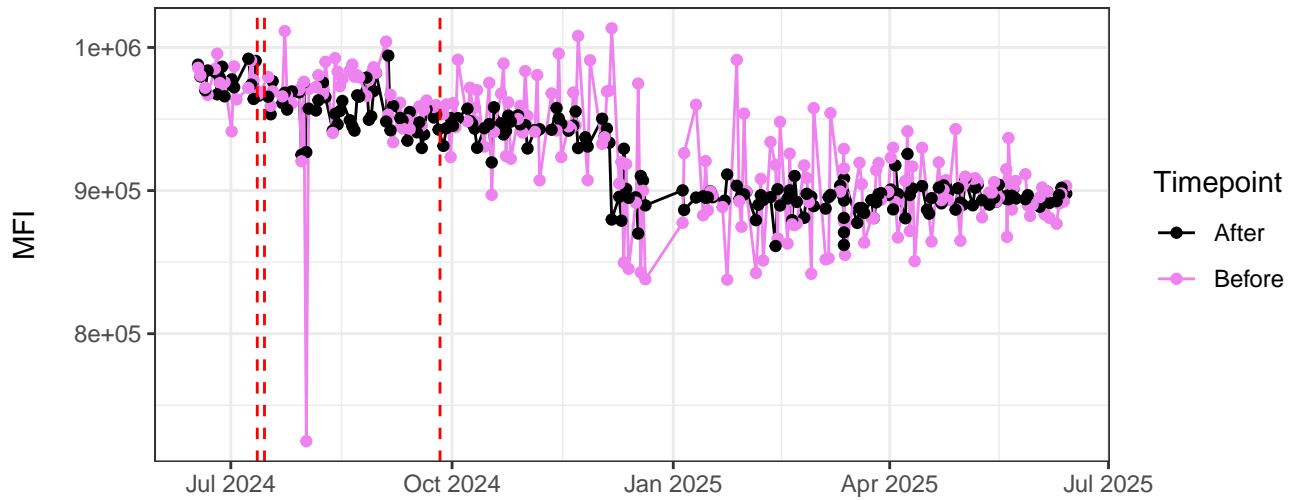
V5-A



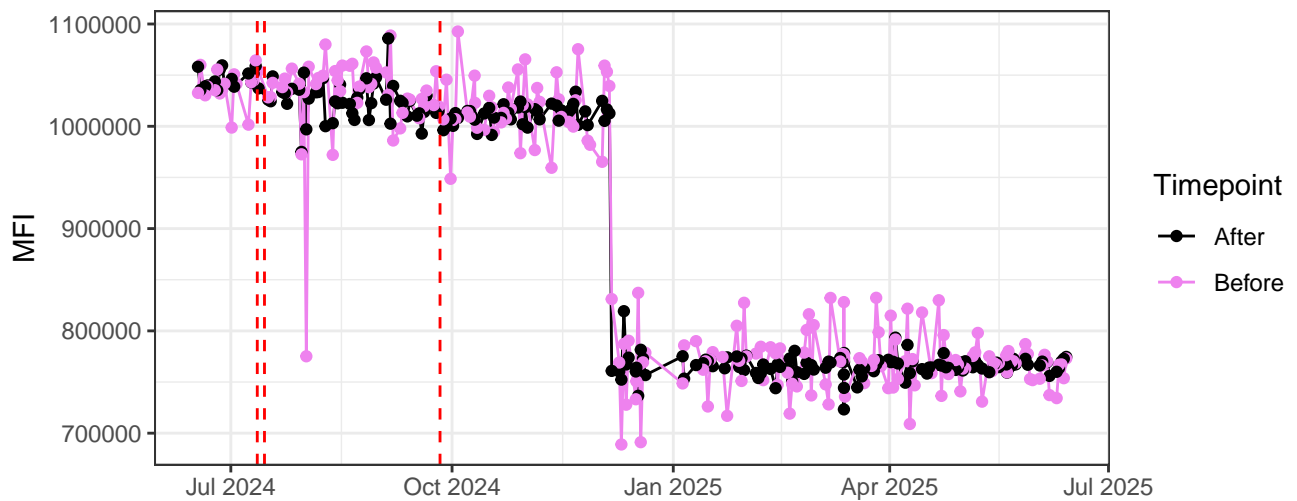
V6-A



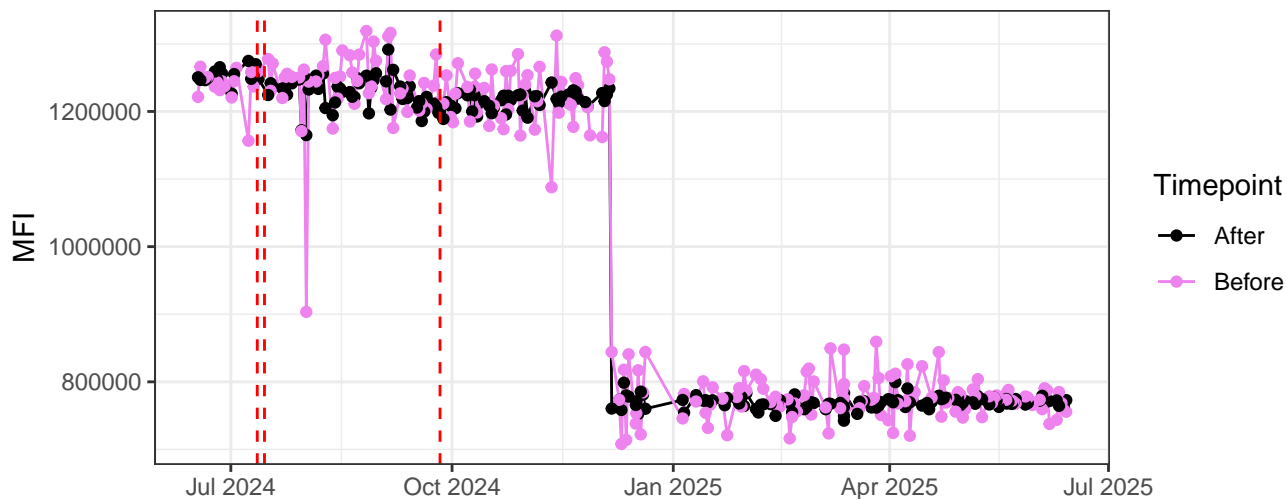
V7-A



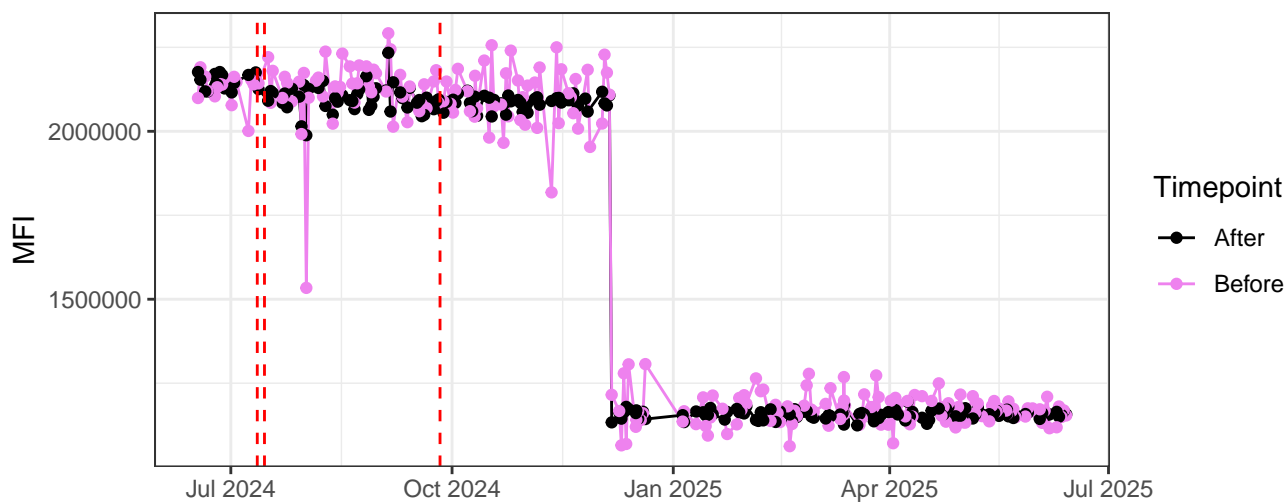
V8-A



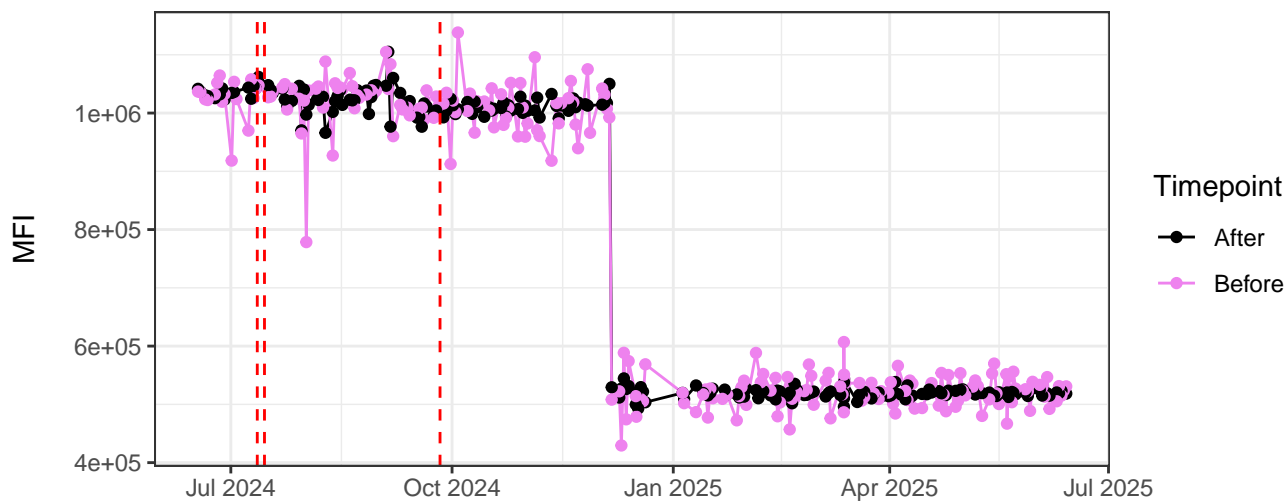
V9-A



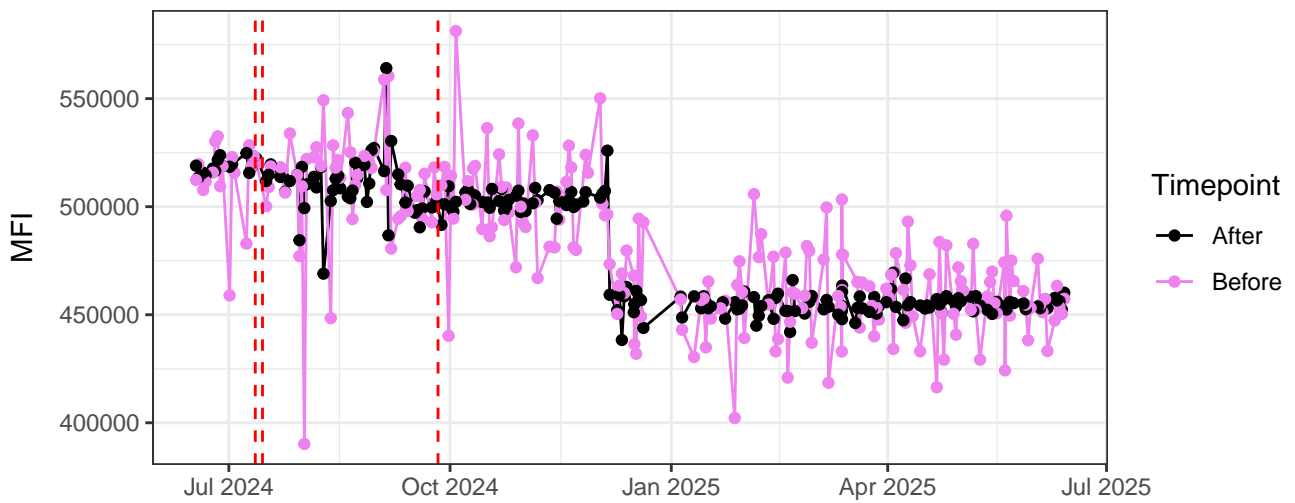
V10-A



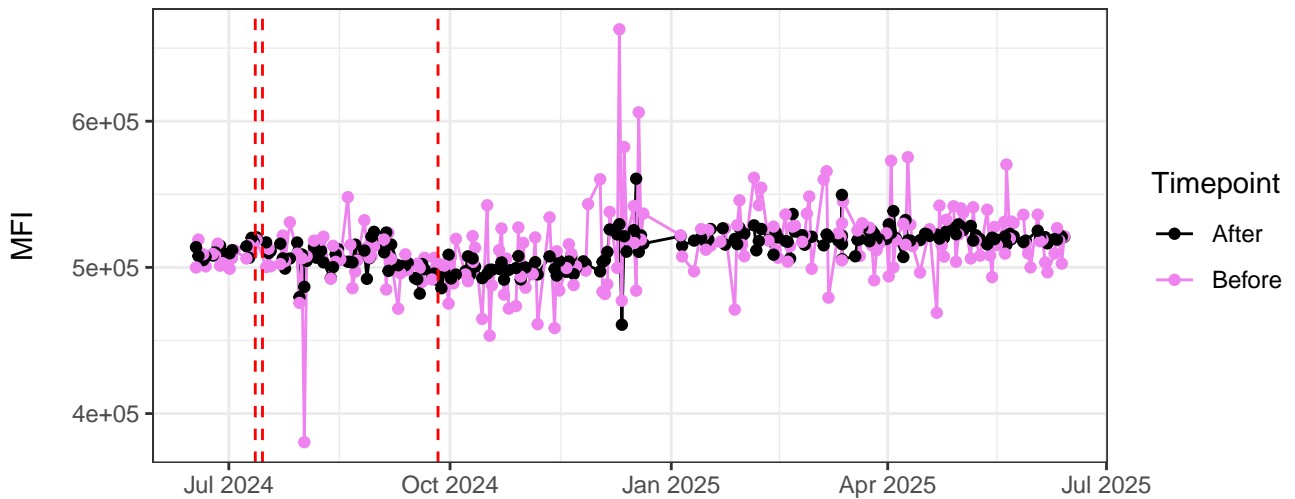
V11-A



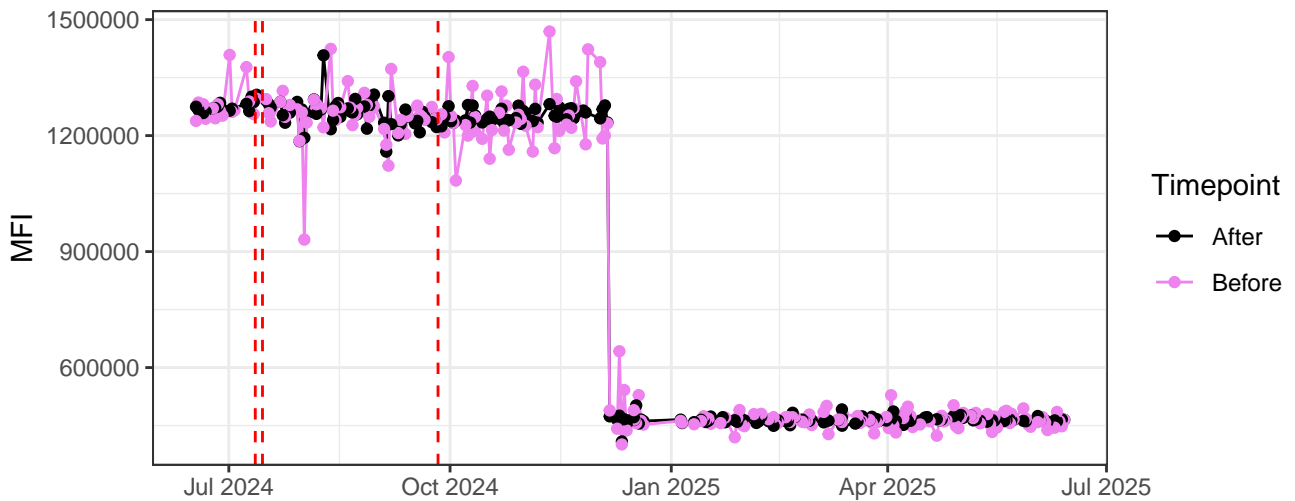
V12-A



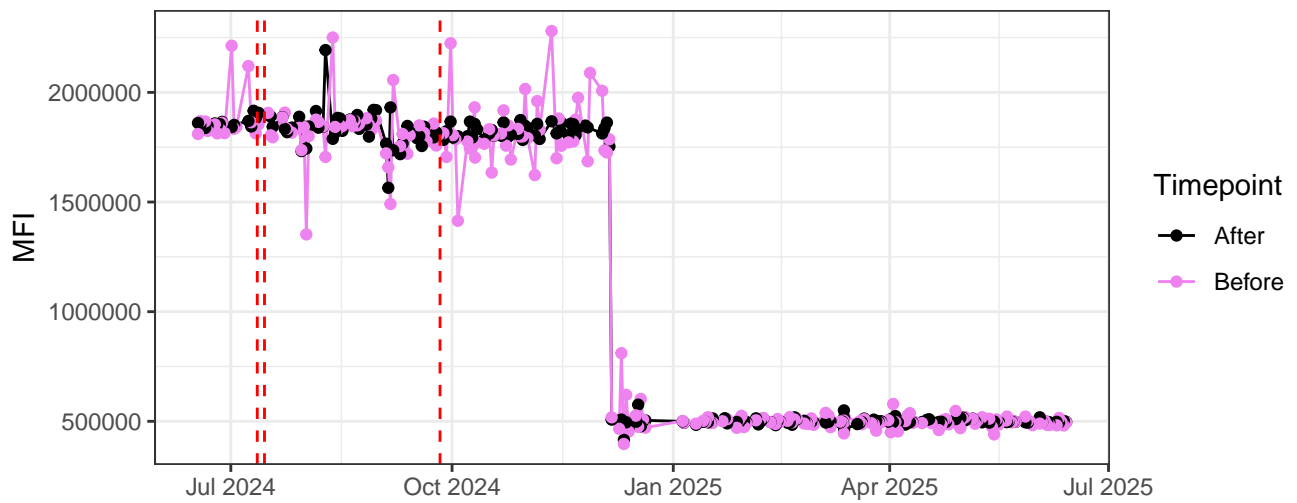
V13-A



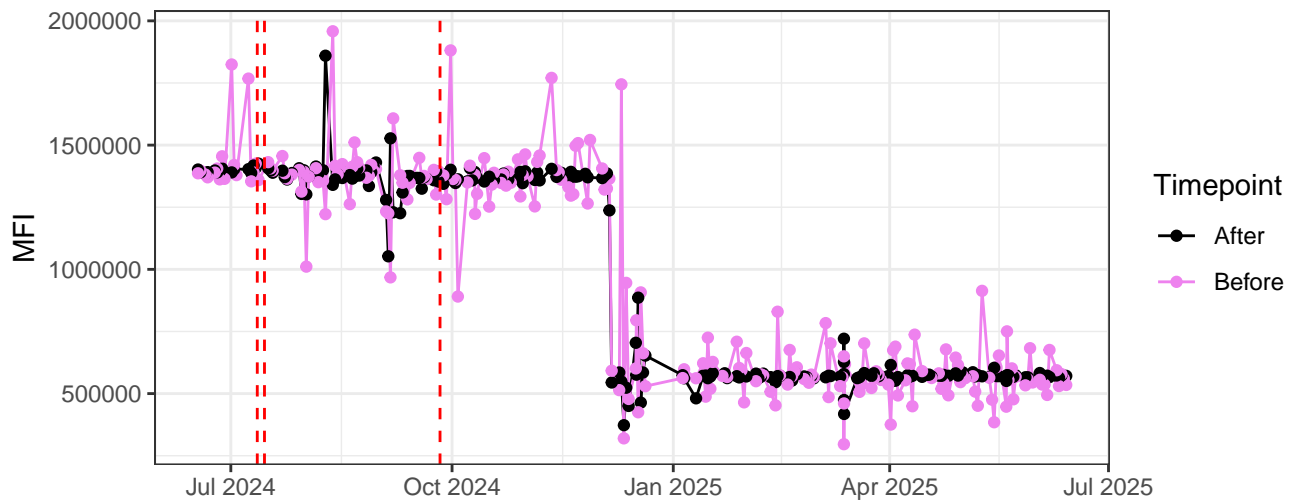
V14-A



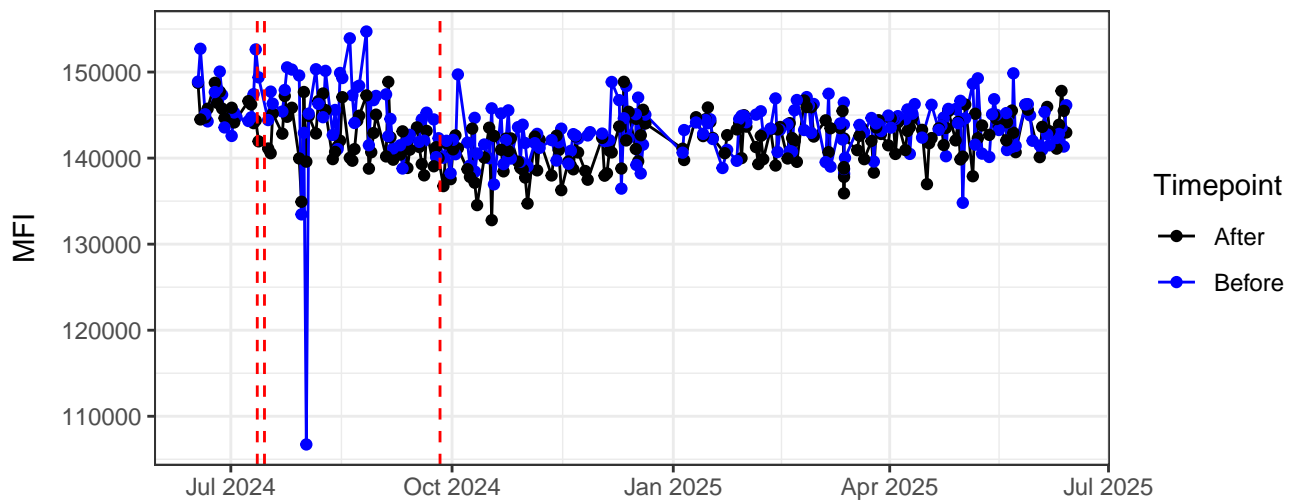
V15-A



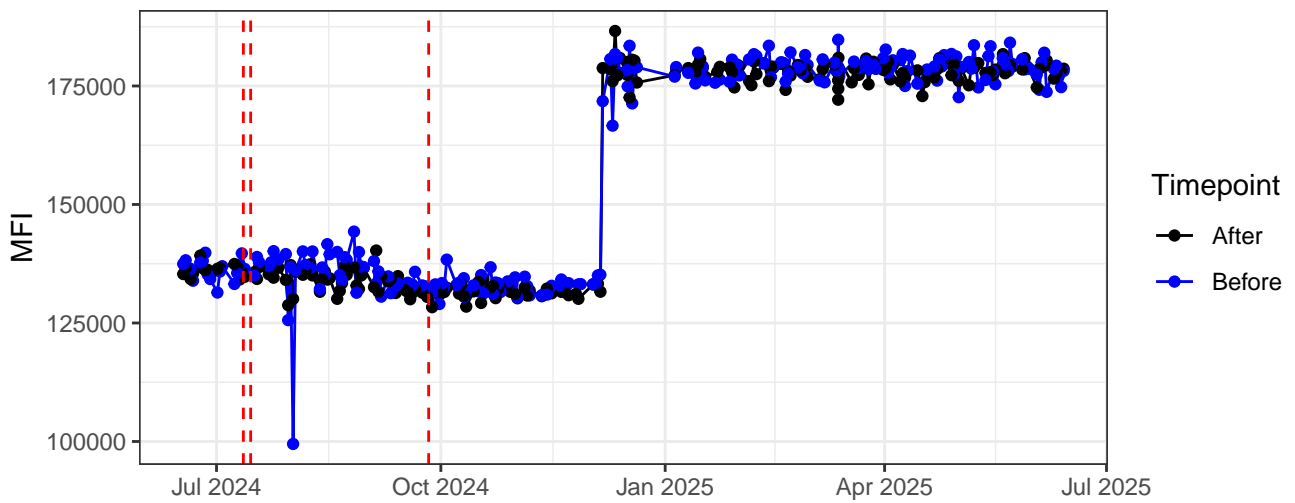
V16-A



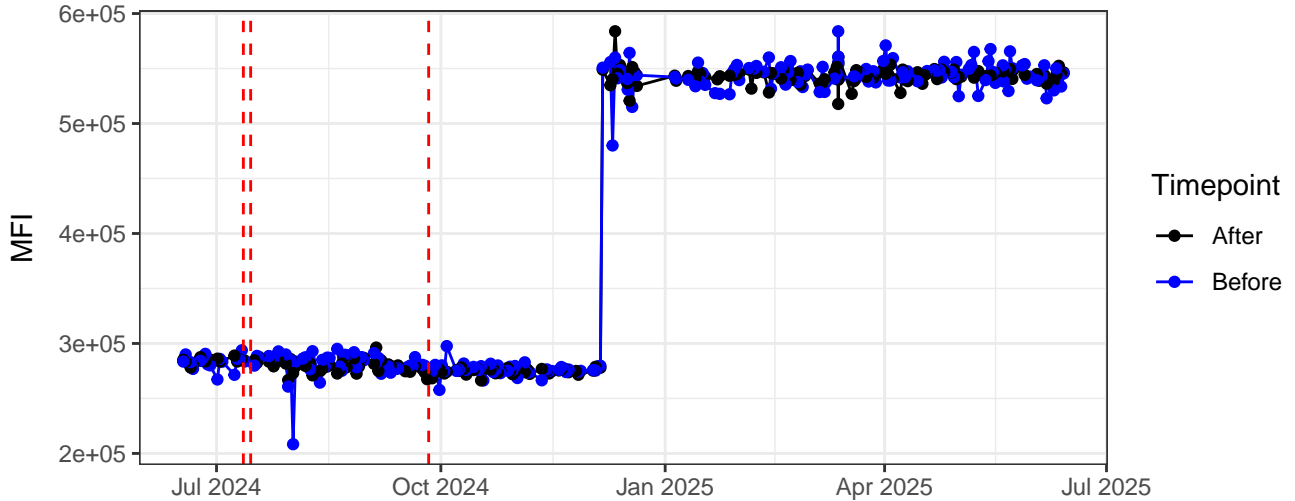
B1-A



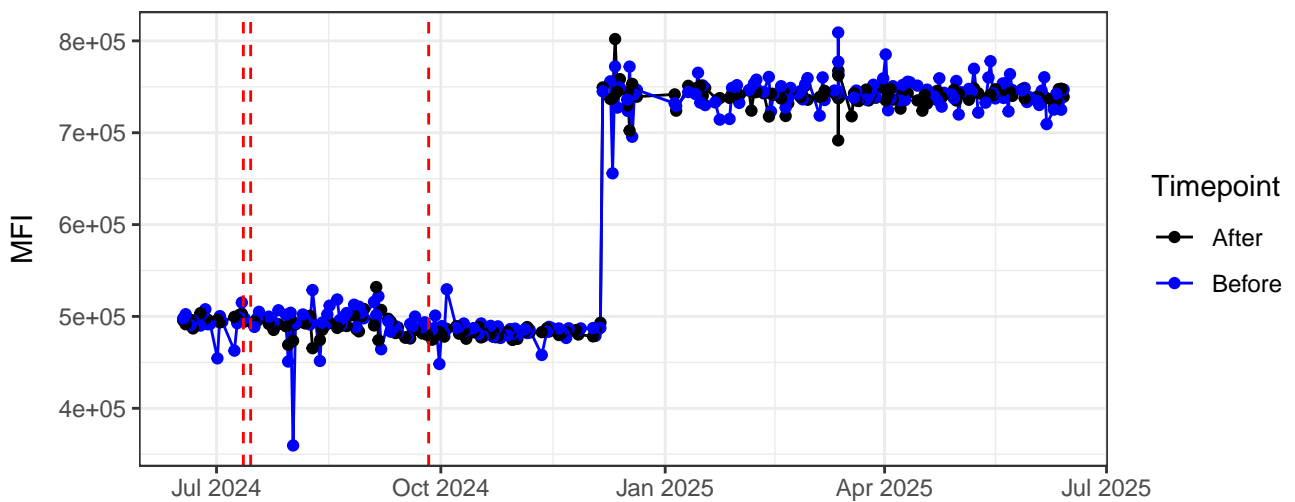
B2-A



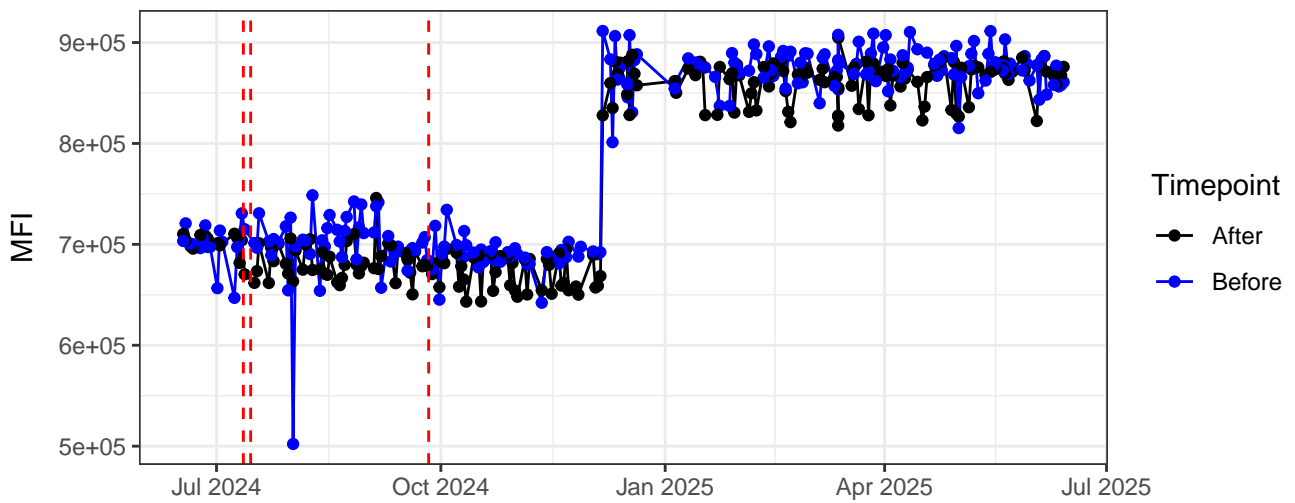
B3-A



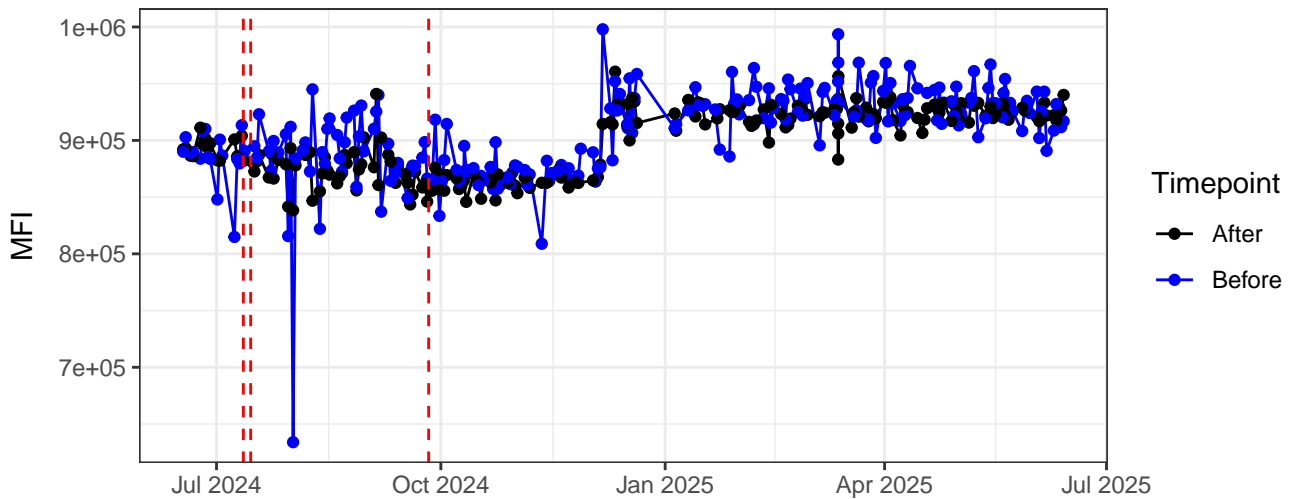
B4-A



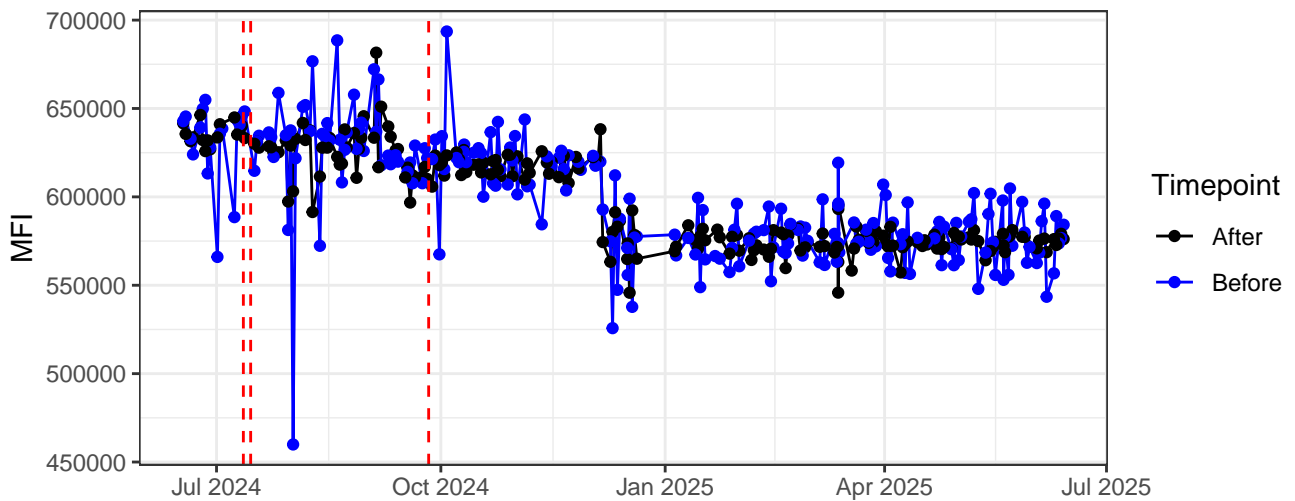
B5-A



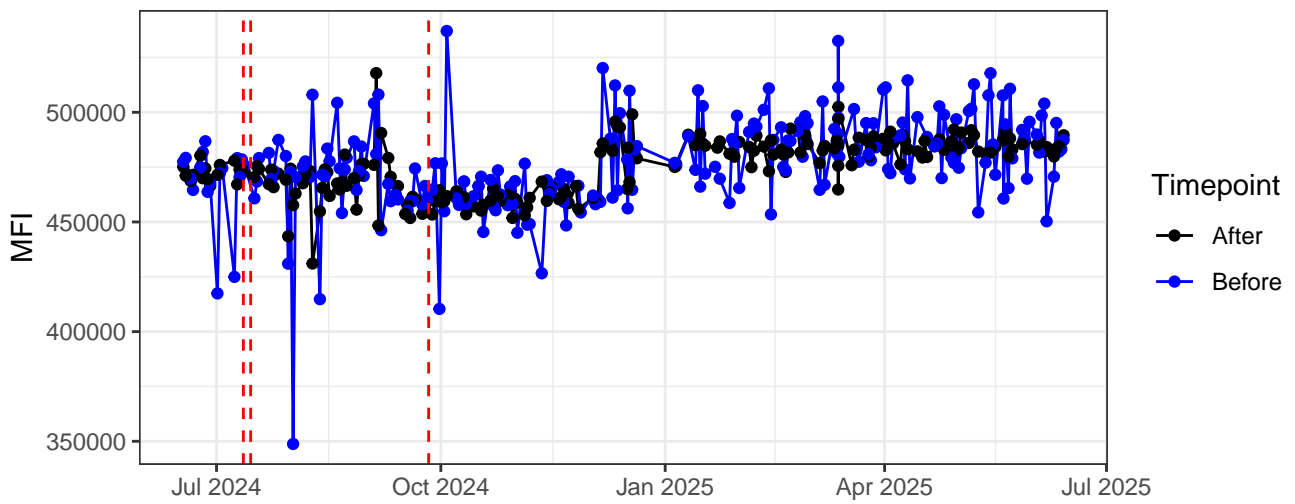
B6-A



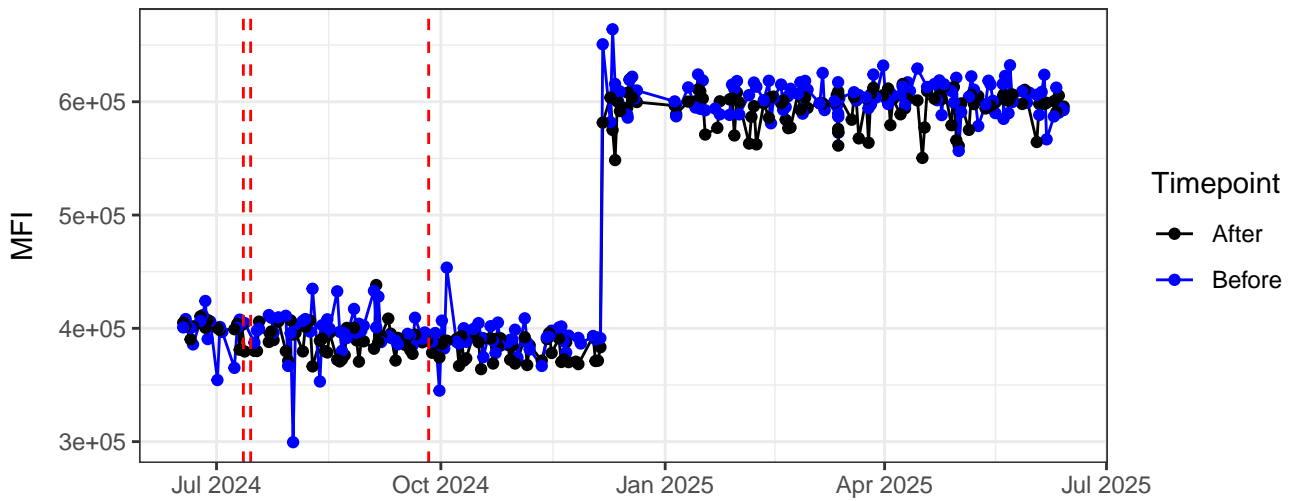
B7-A



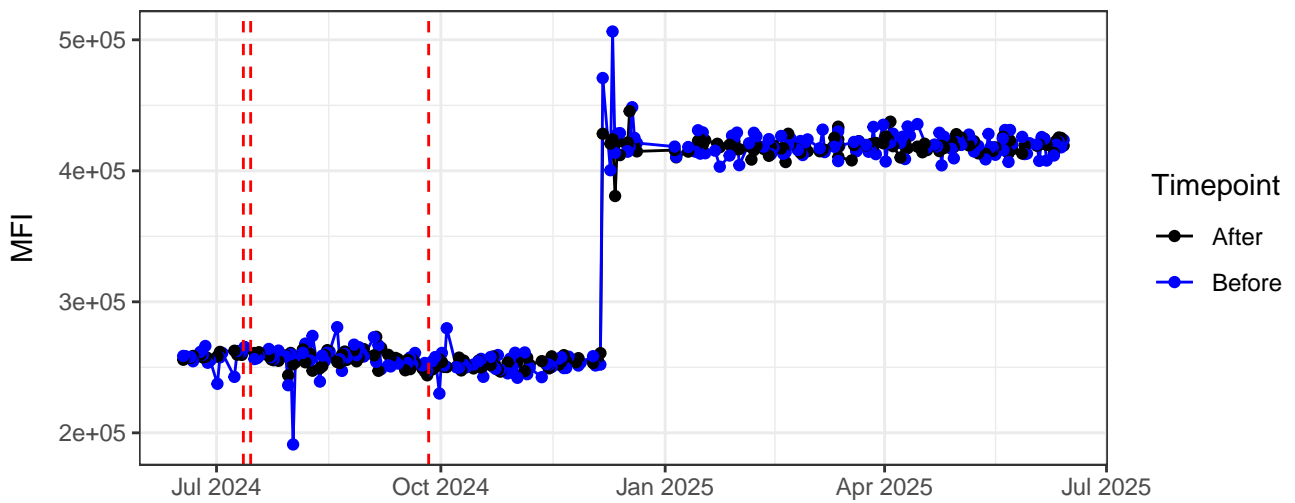
B8-A



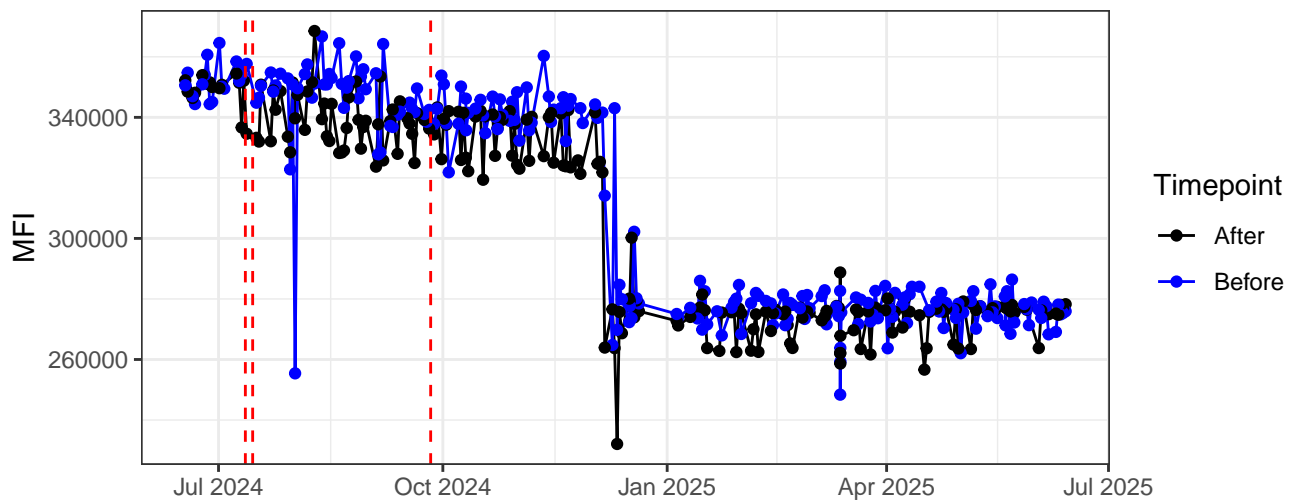
B9-A



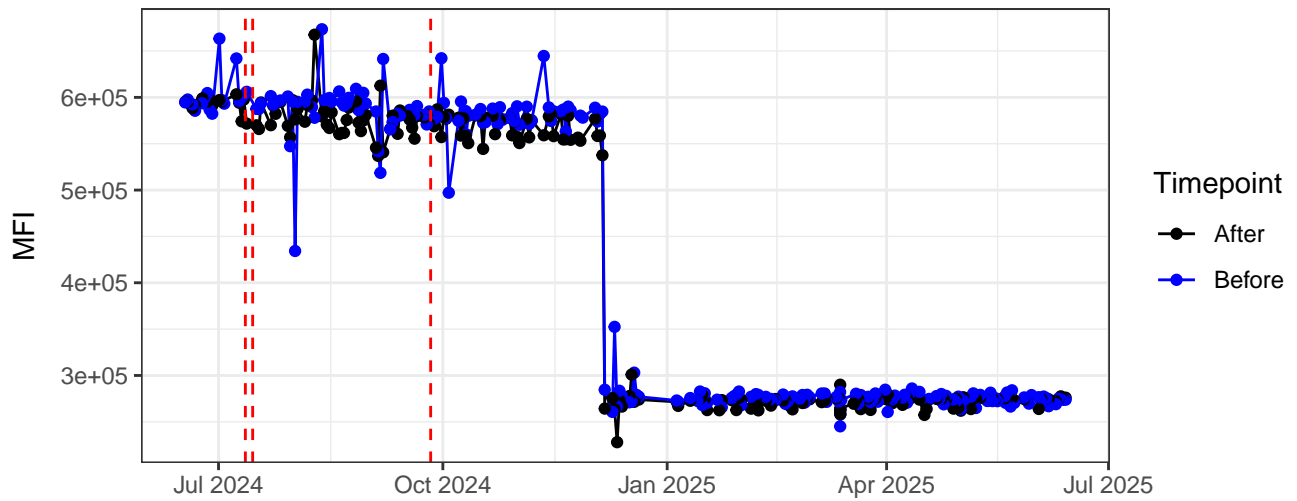
B10-A



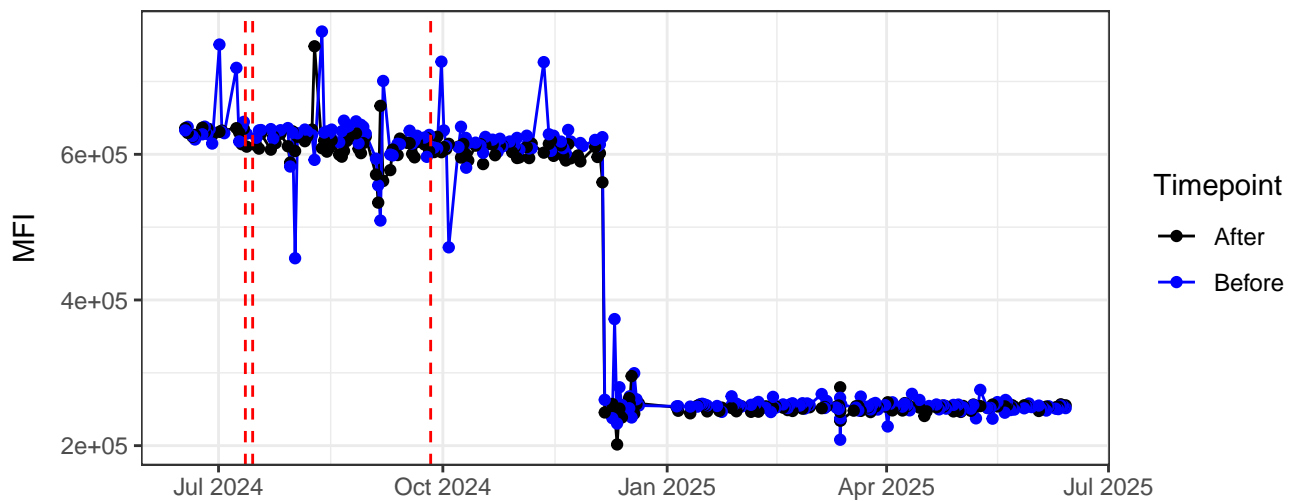
B11-A



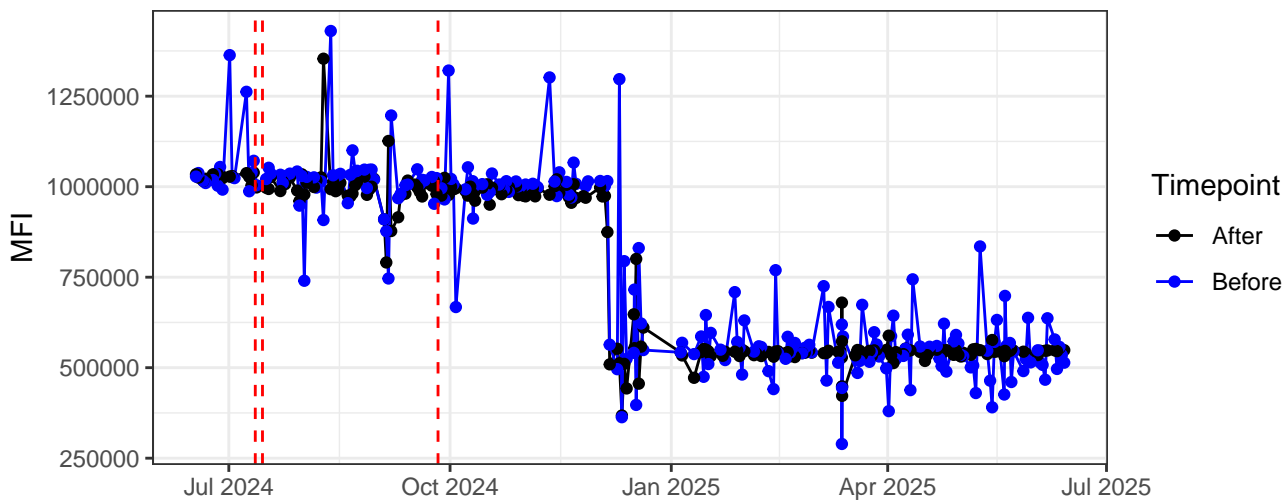
B12-A



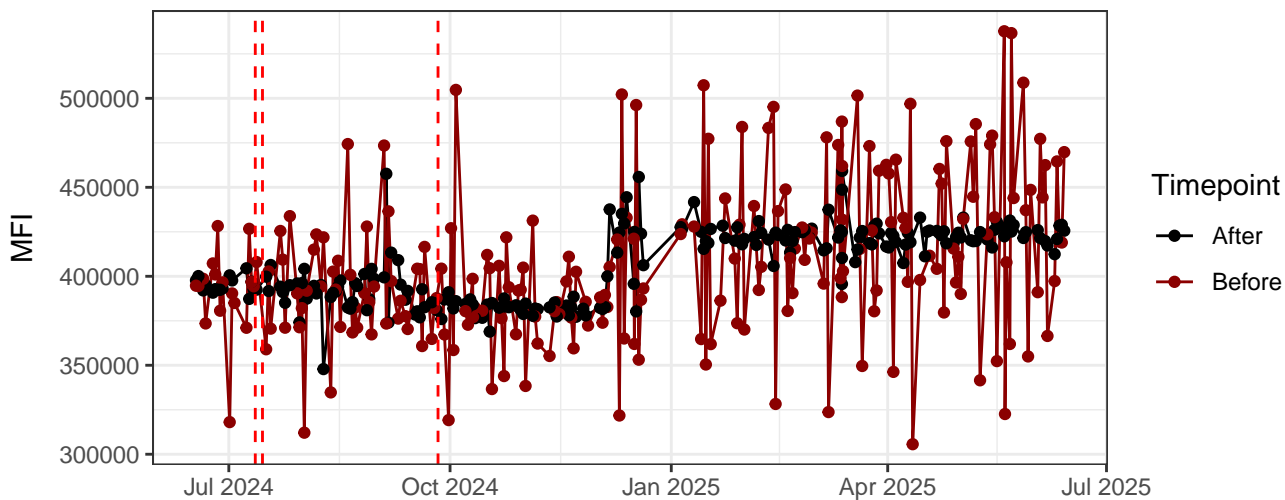
B13-A



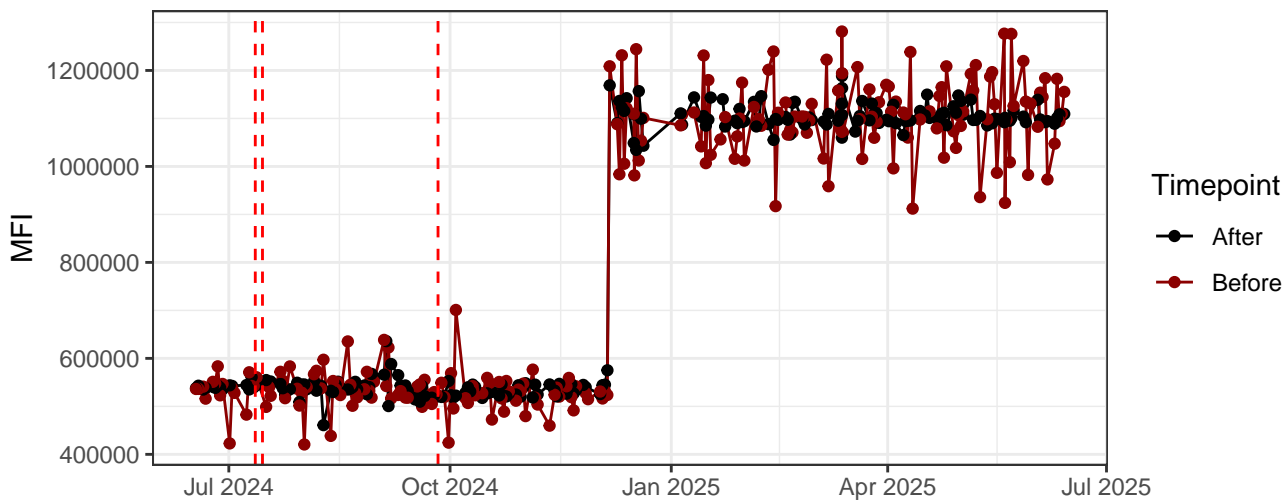
B14-A



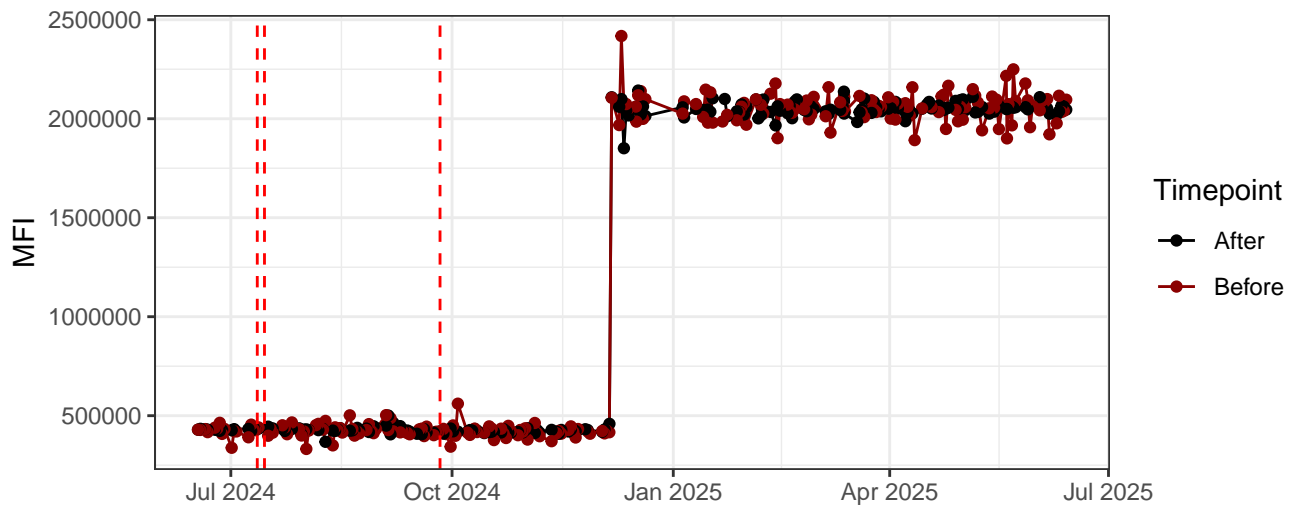
R1-A



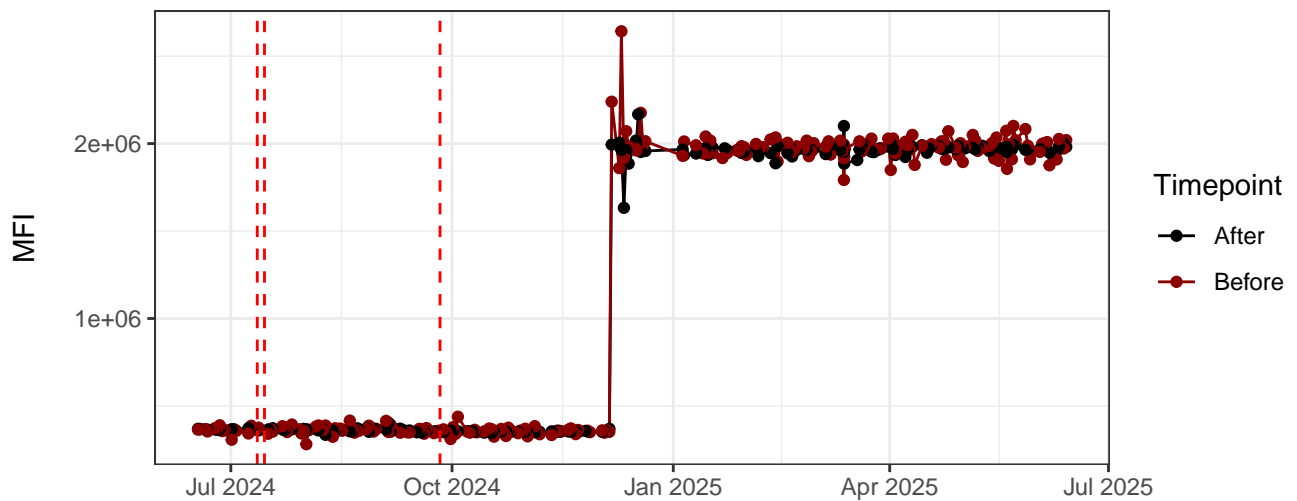
R2-A



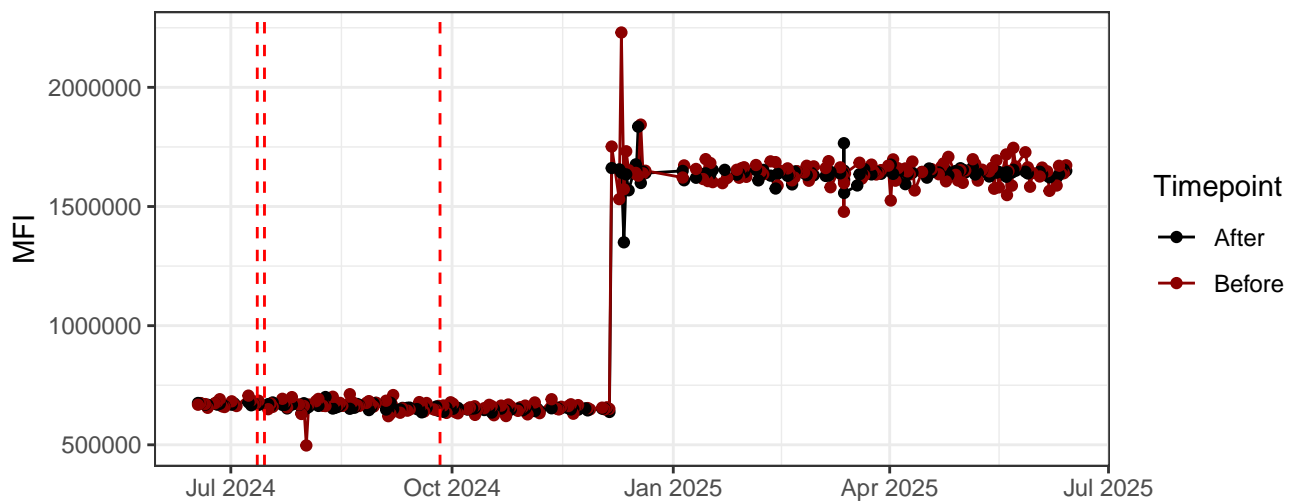
R3-A



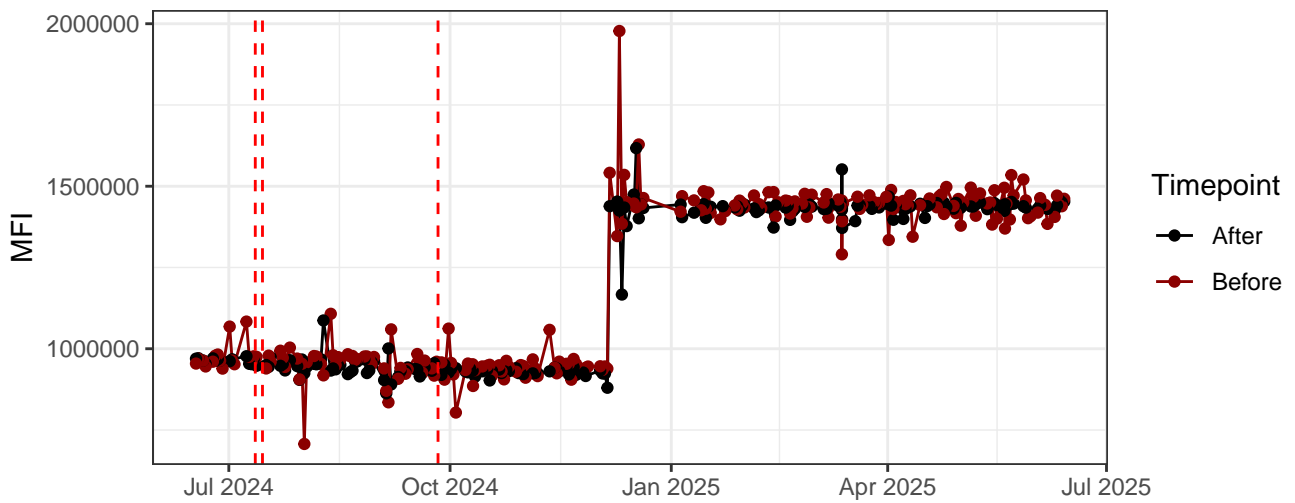
R4-A



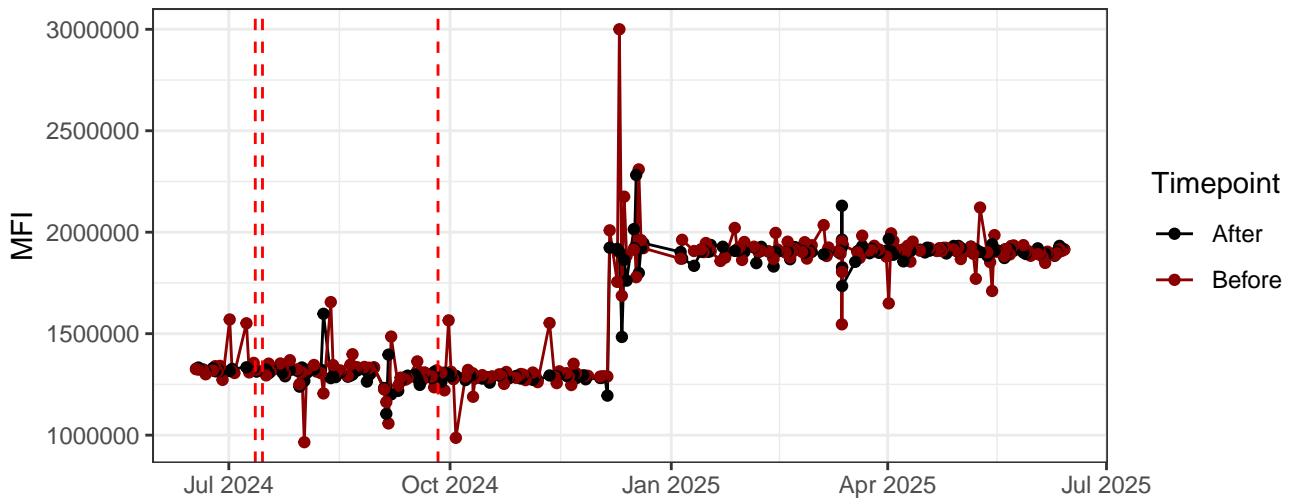
R5-A



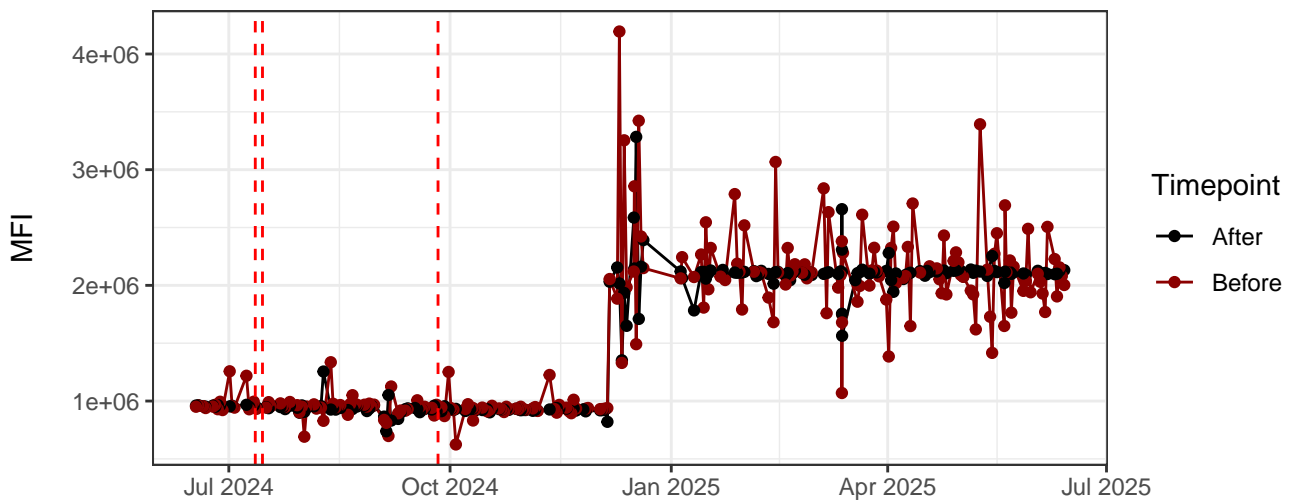
R6-A



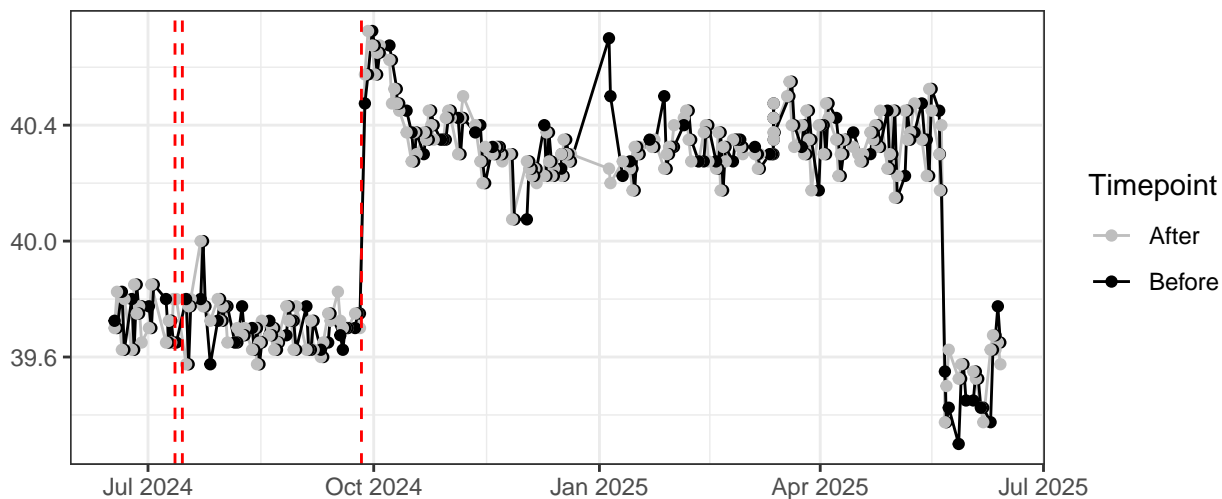
R7-A



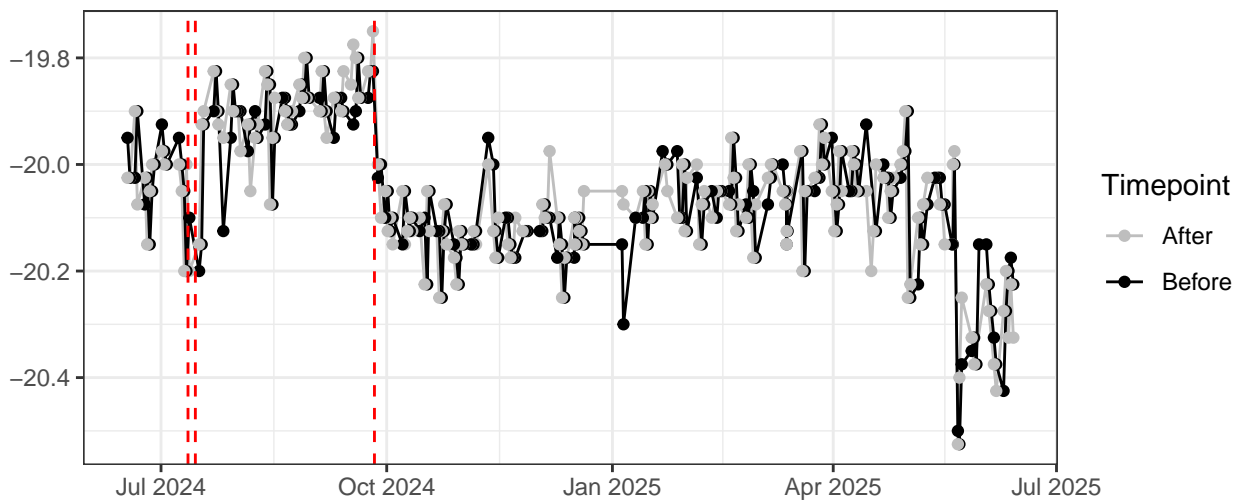
R8-A



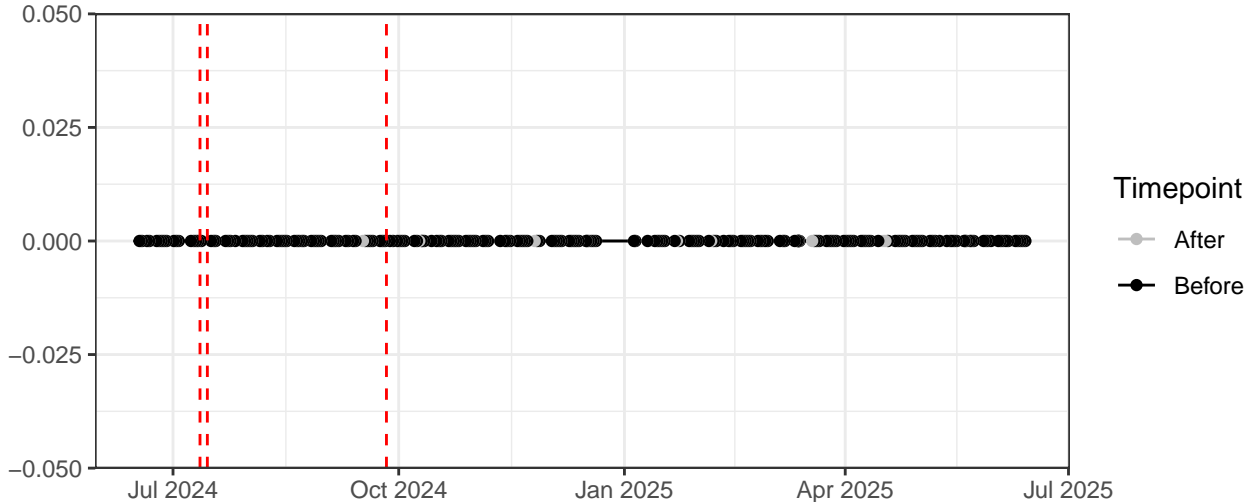
UV_LaserDelay



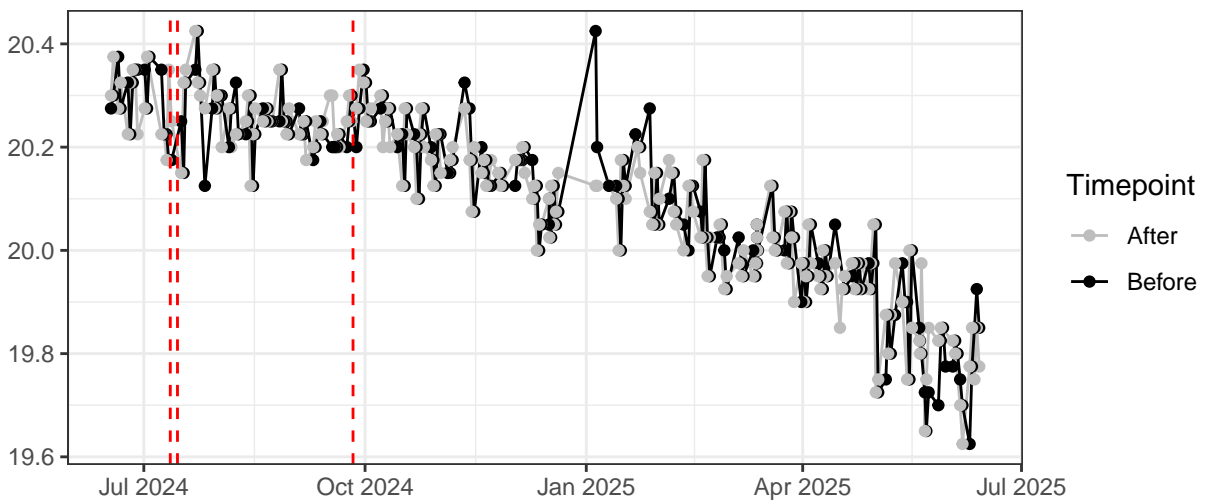
Violet_LaserDelay



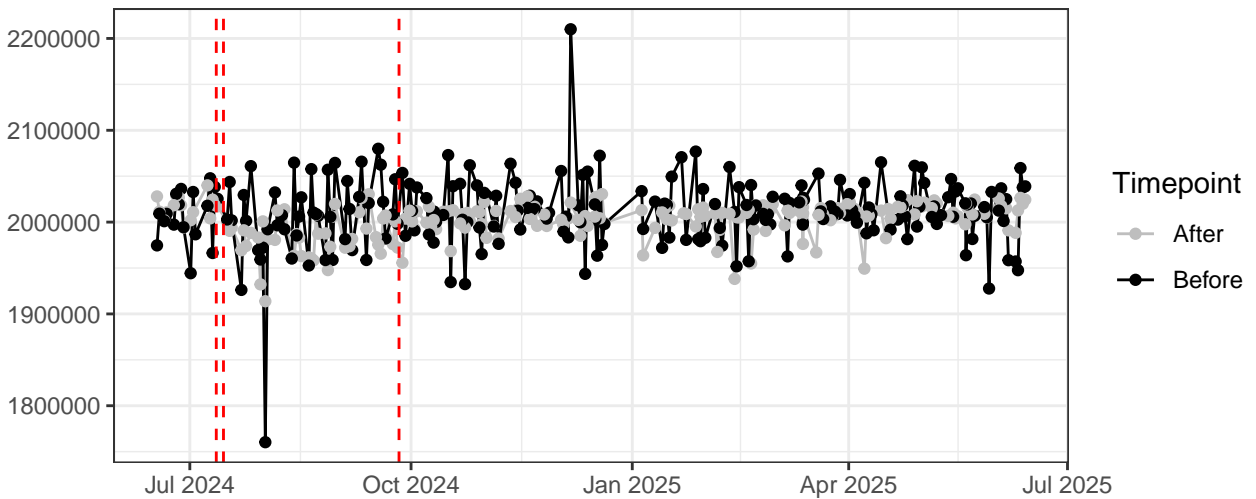
Blue_LaserDelay



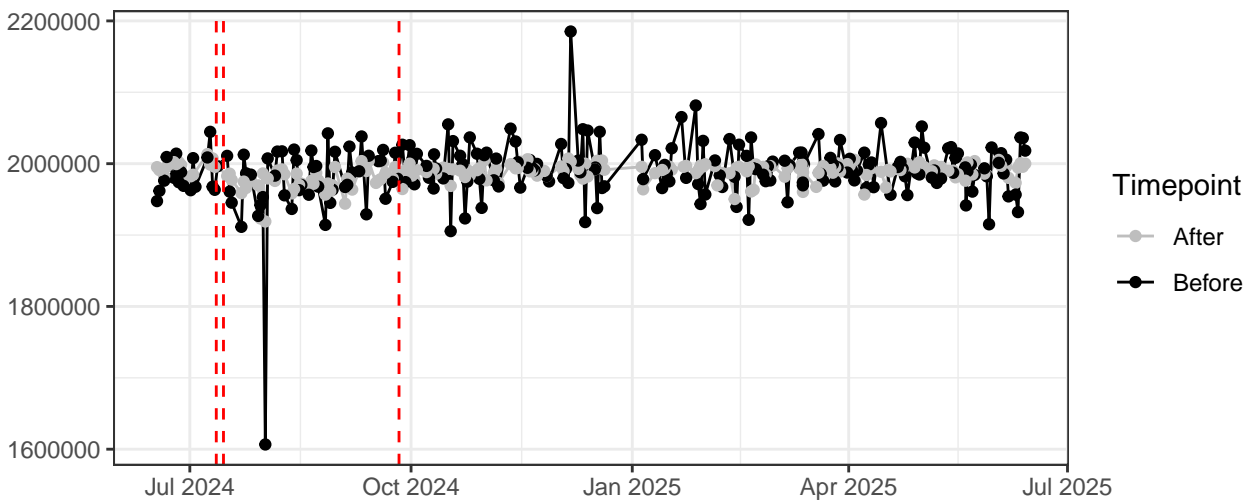
Red_LaserDelay



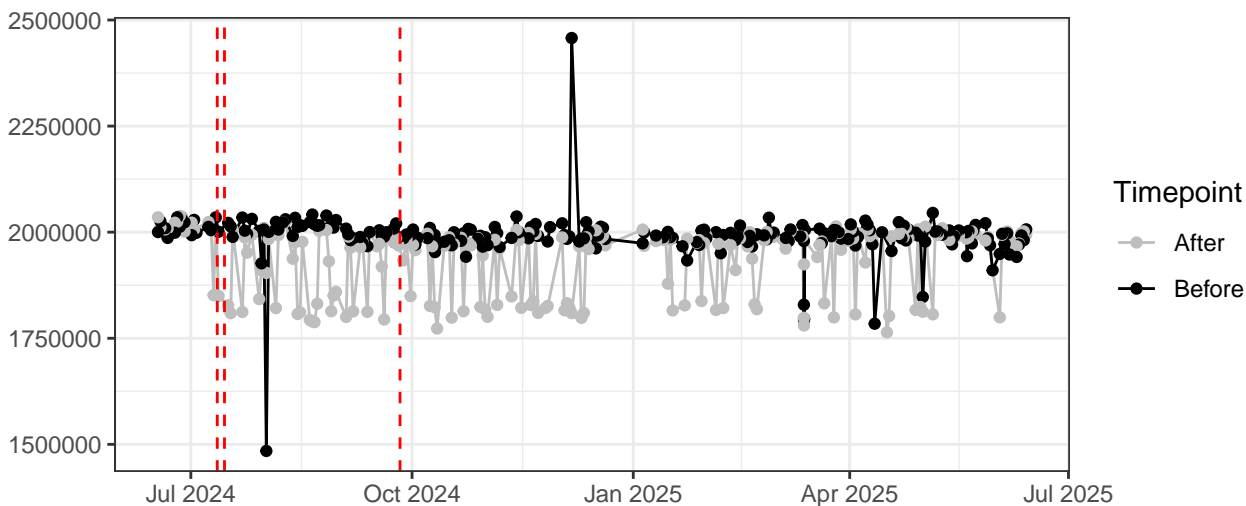
FSC-A



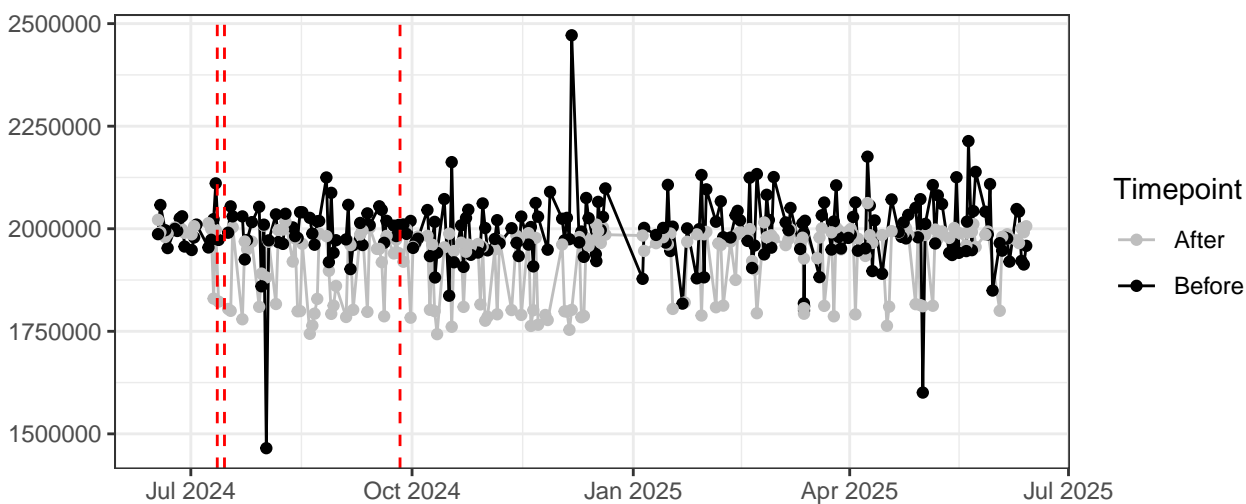
FSC-H



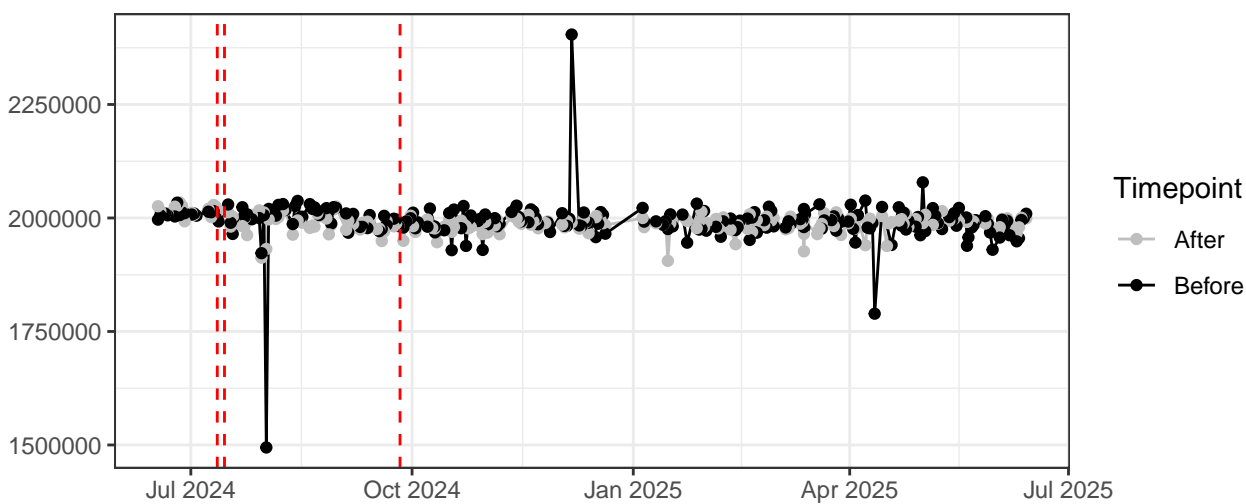
SSC-A



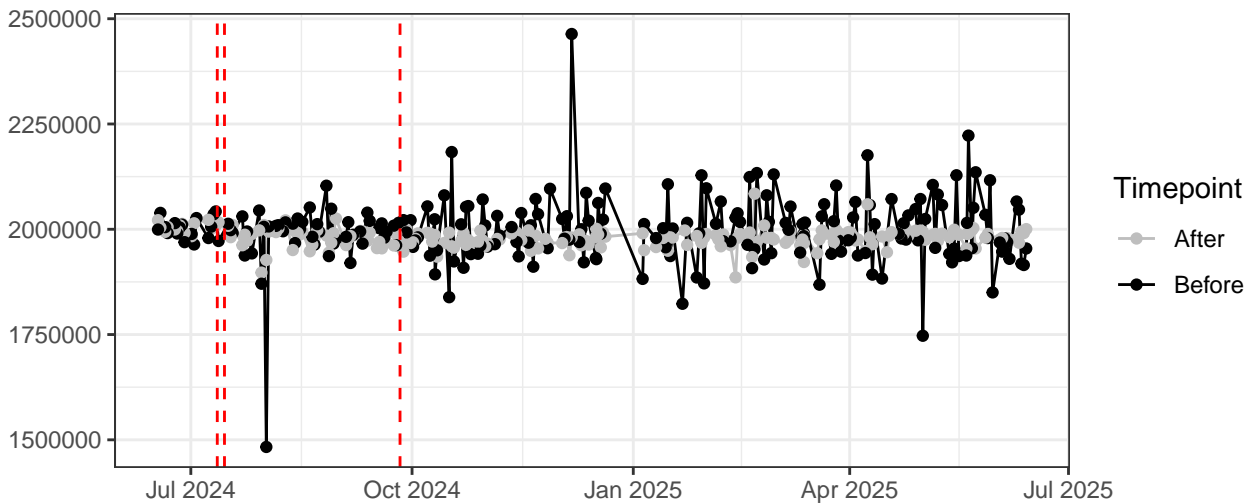
SSC-B-A



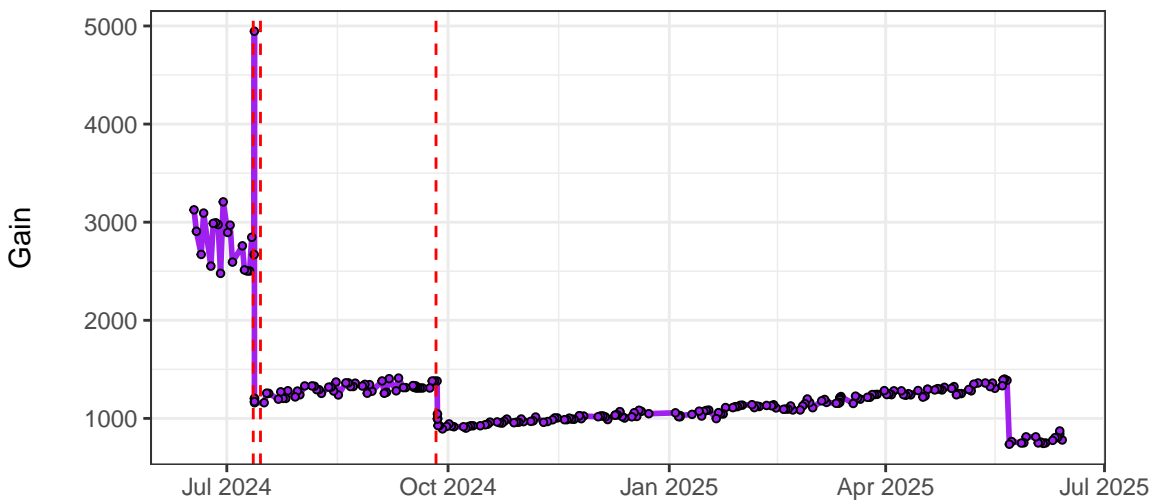
SSC-H



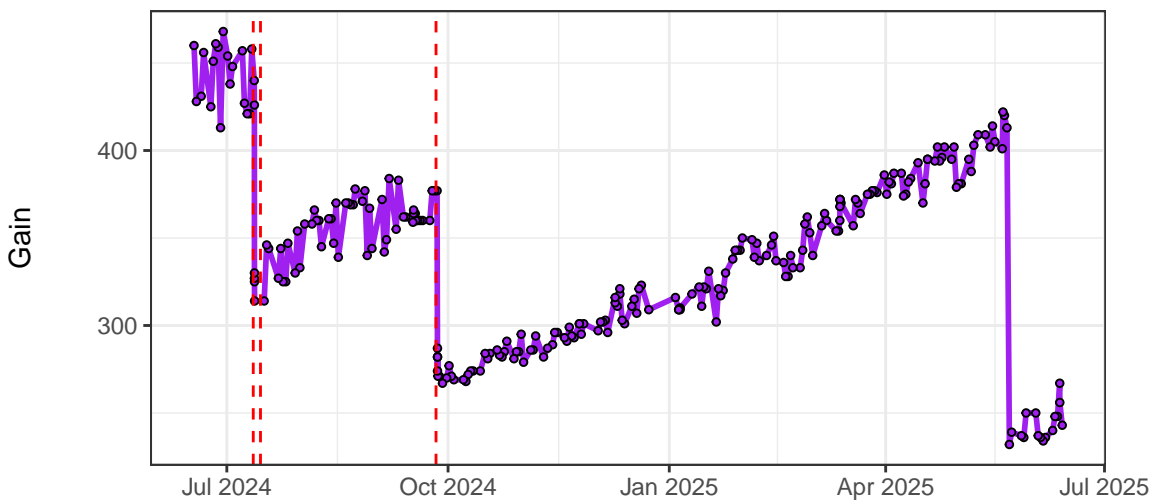
SSC-B-H



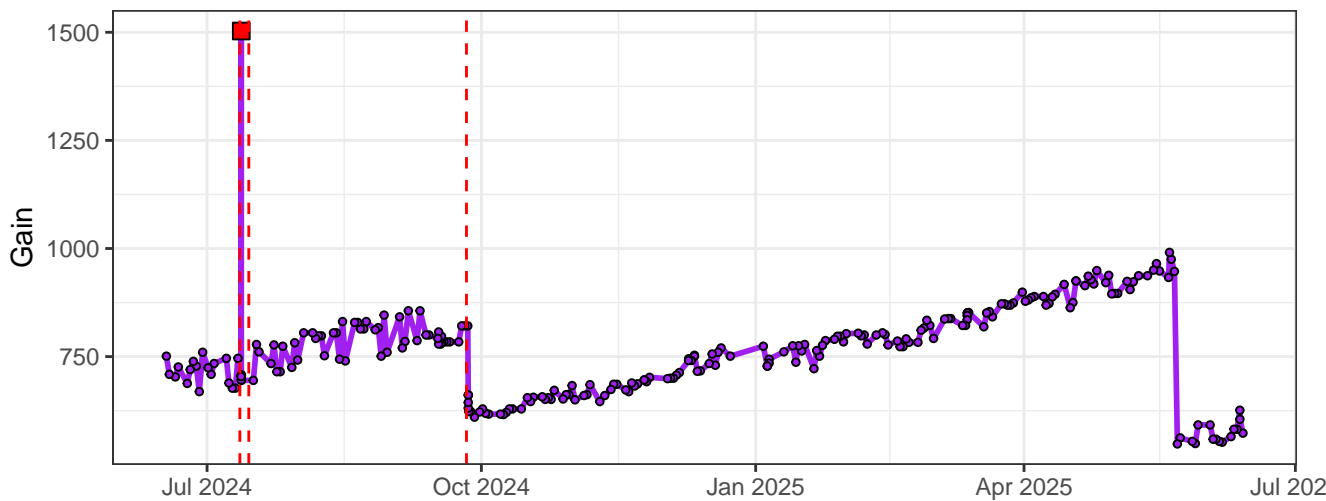
UV1-Gain



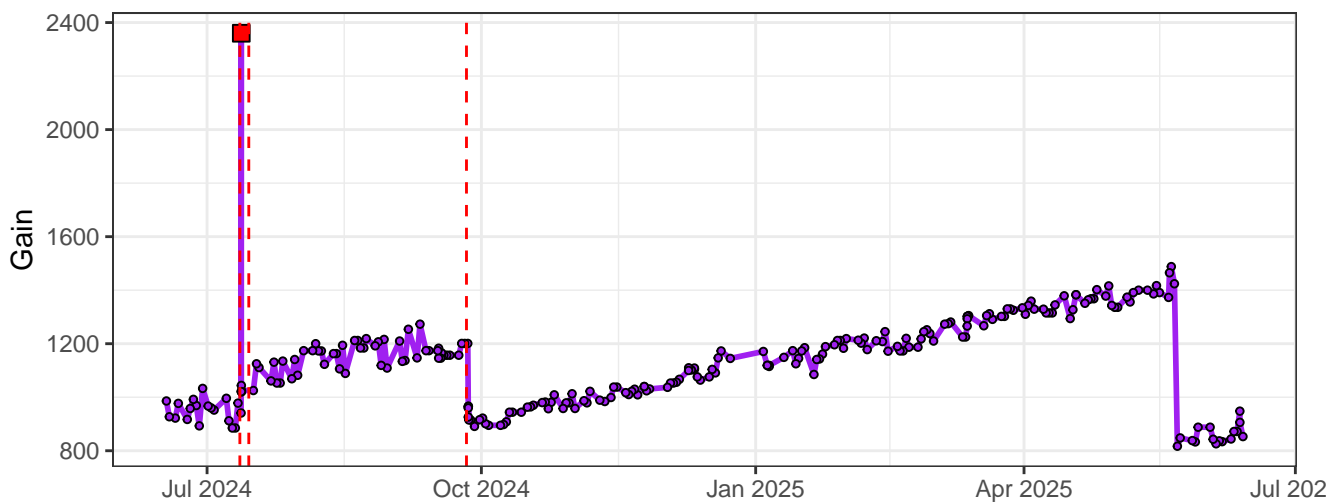
UV2-Gain



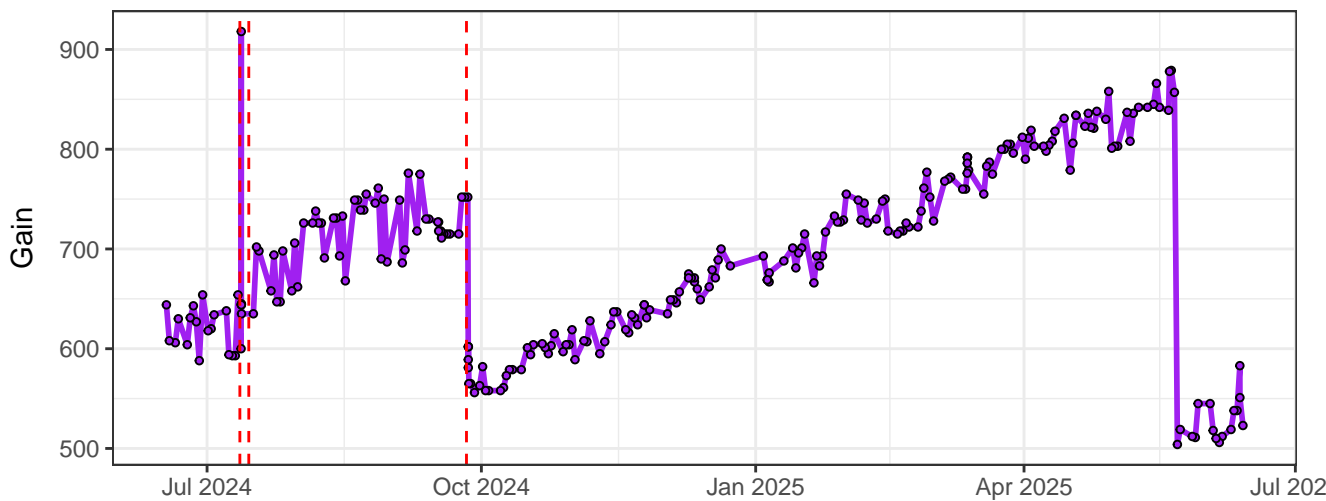
UV3-Gain



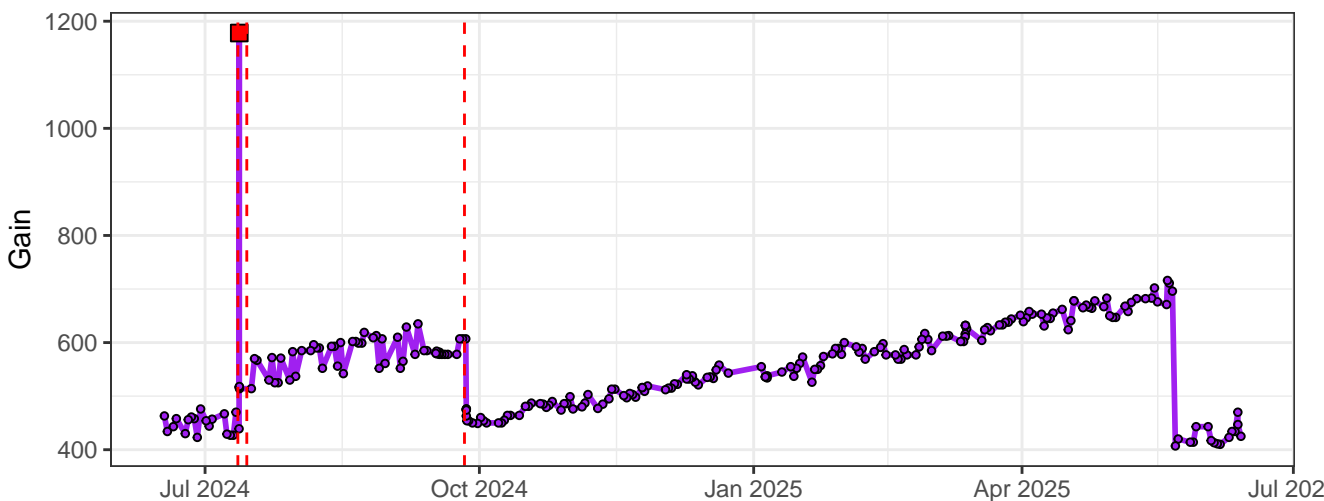
UV4-Gain



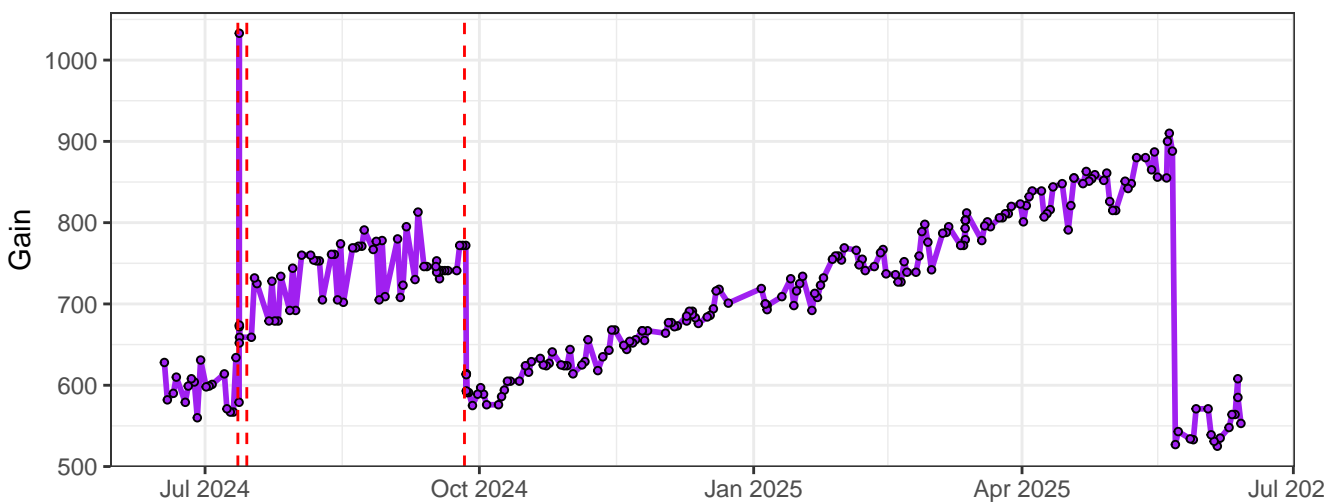
UV5-Gain



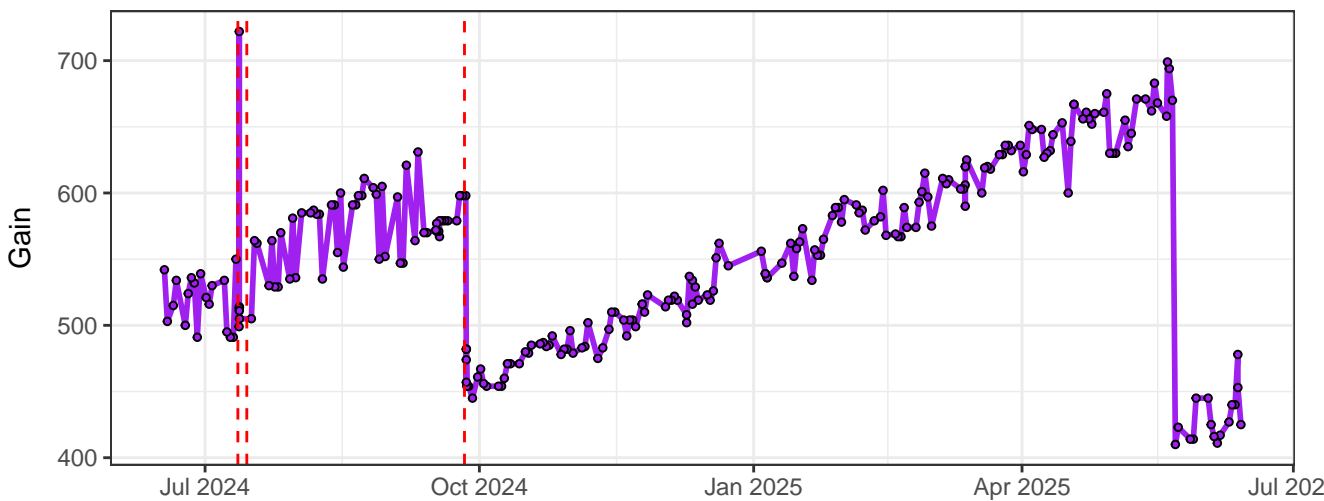
UV6-Gain



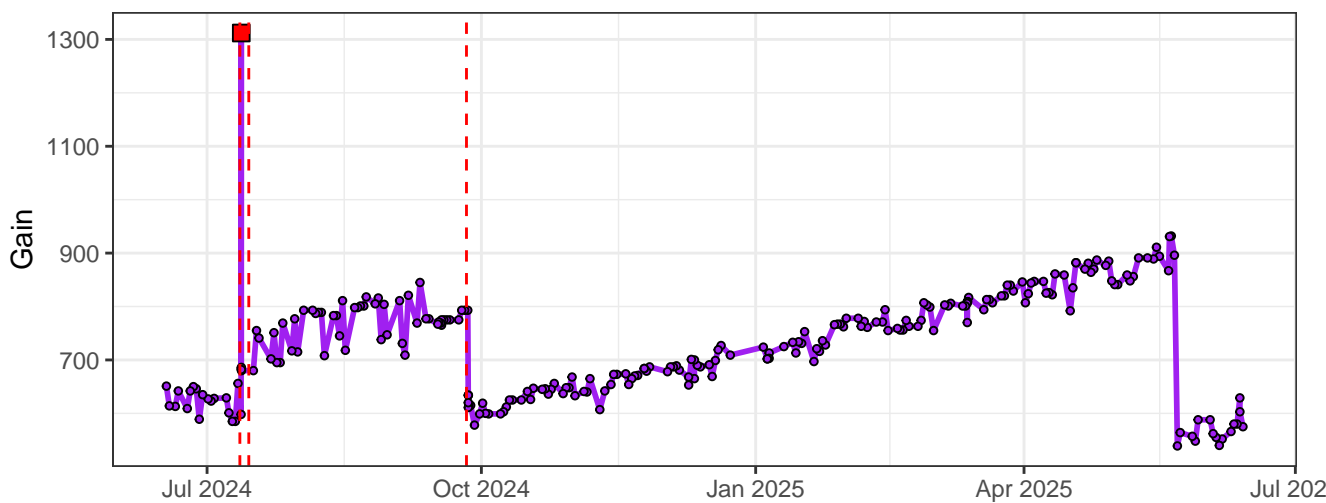
UV7-Gain



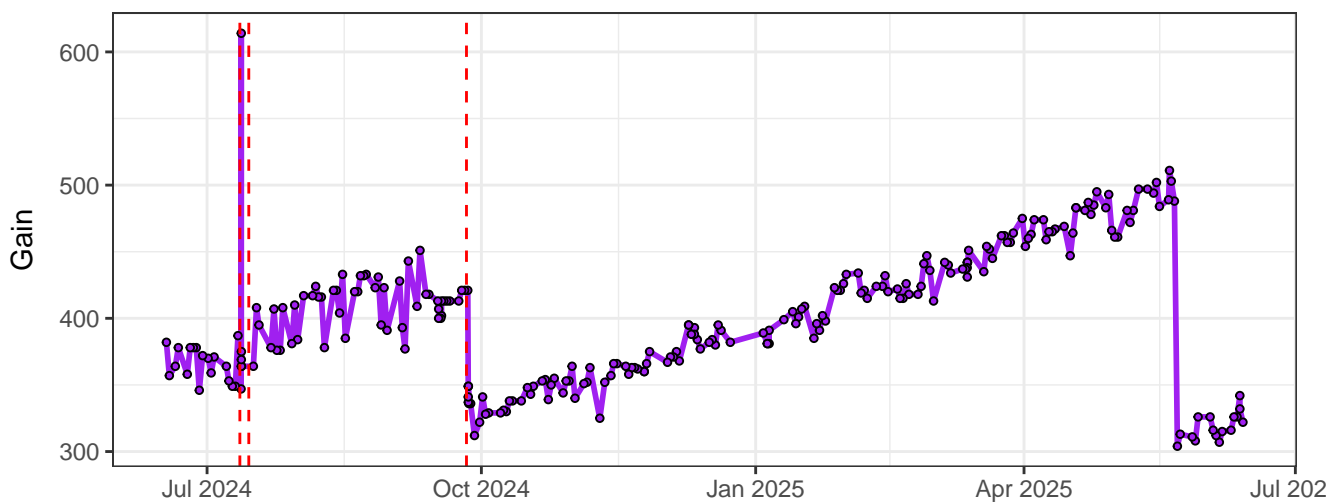
UV8-Gain



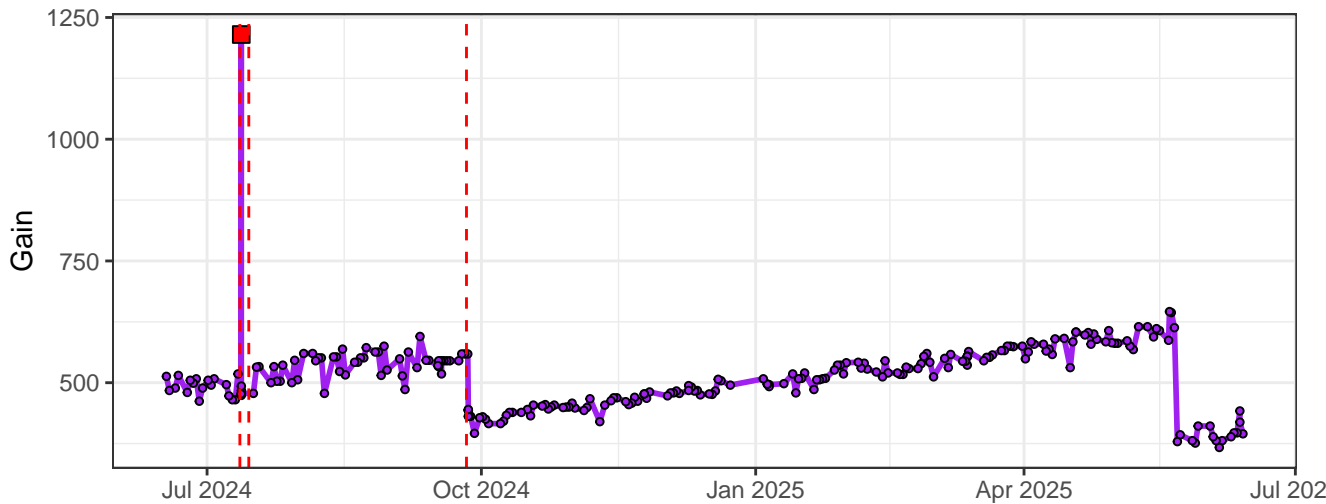
UV9-Gain



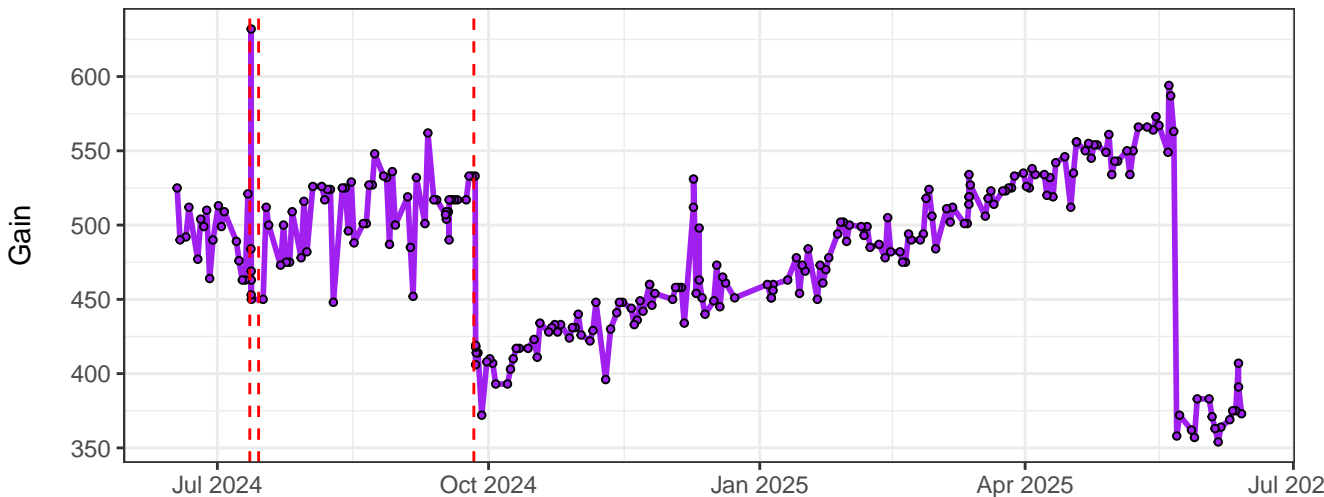
UV10-Gain



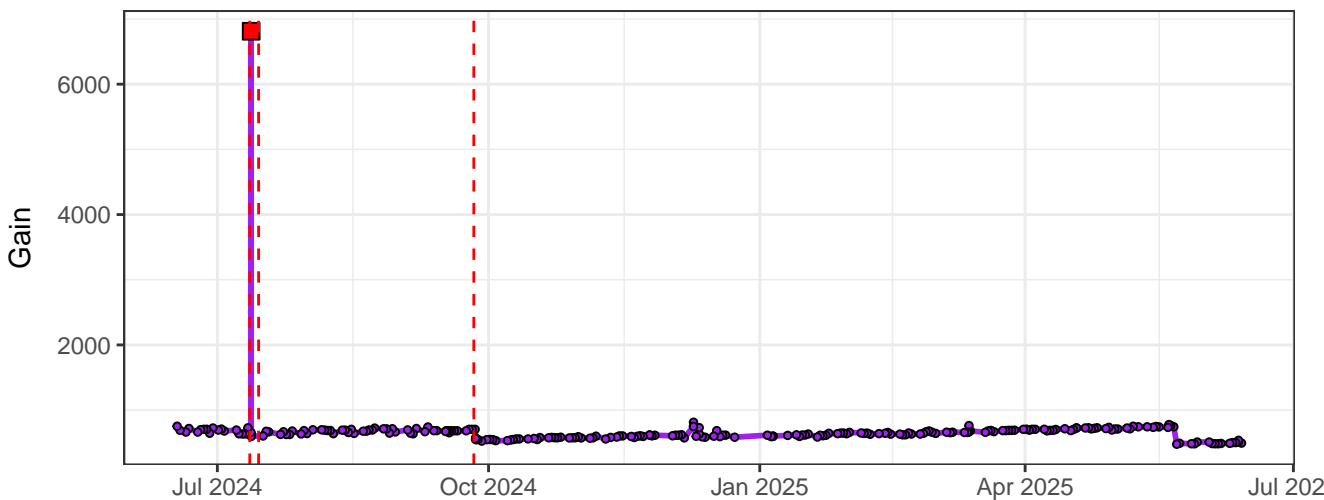
UV11-Gain



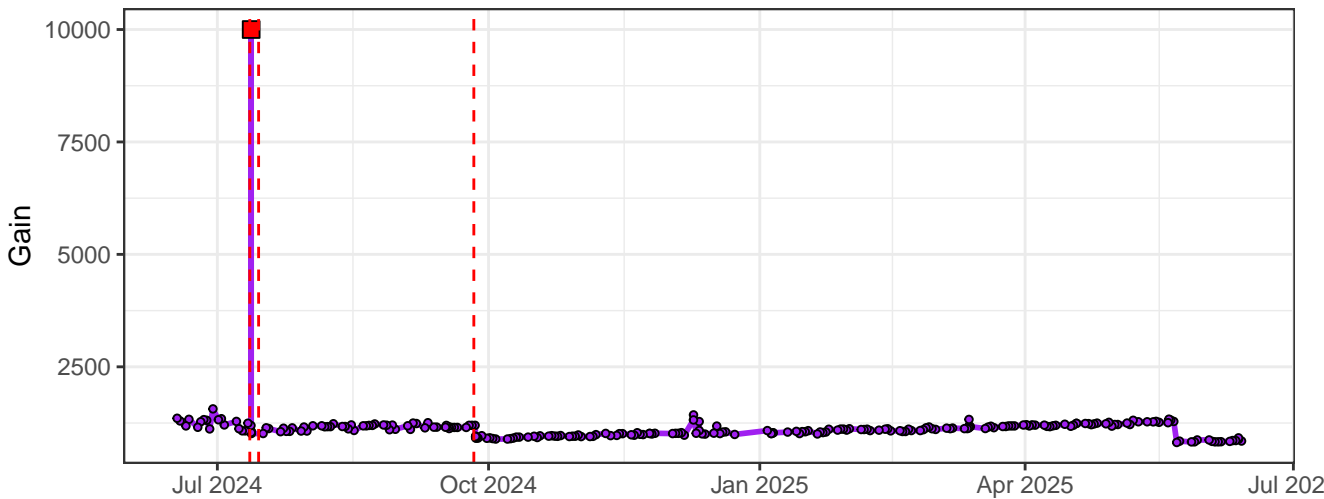
UV12-Gain



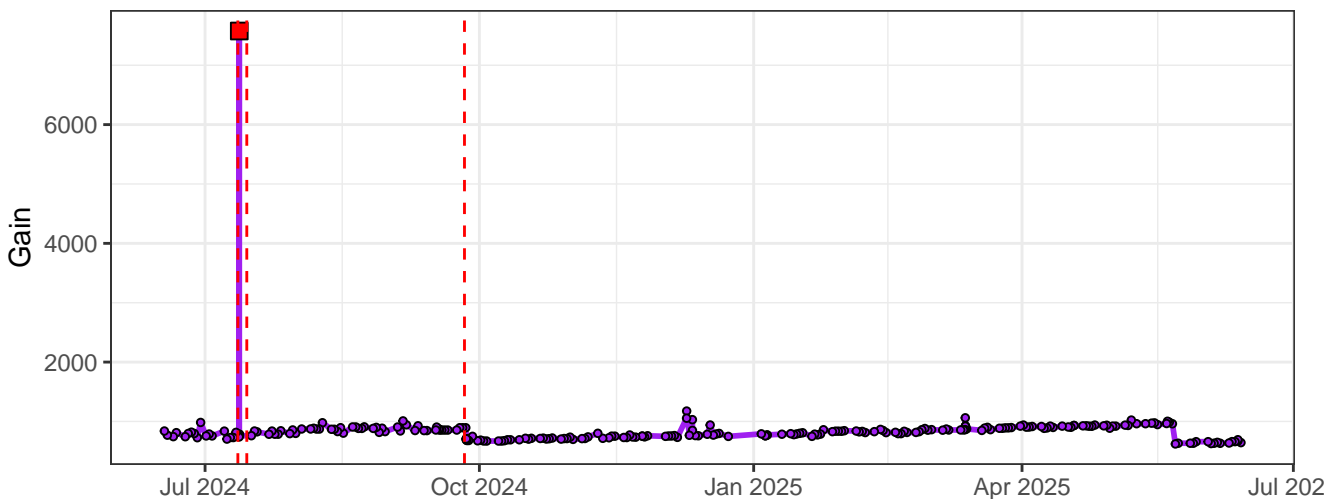
UV13-Gain



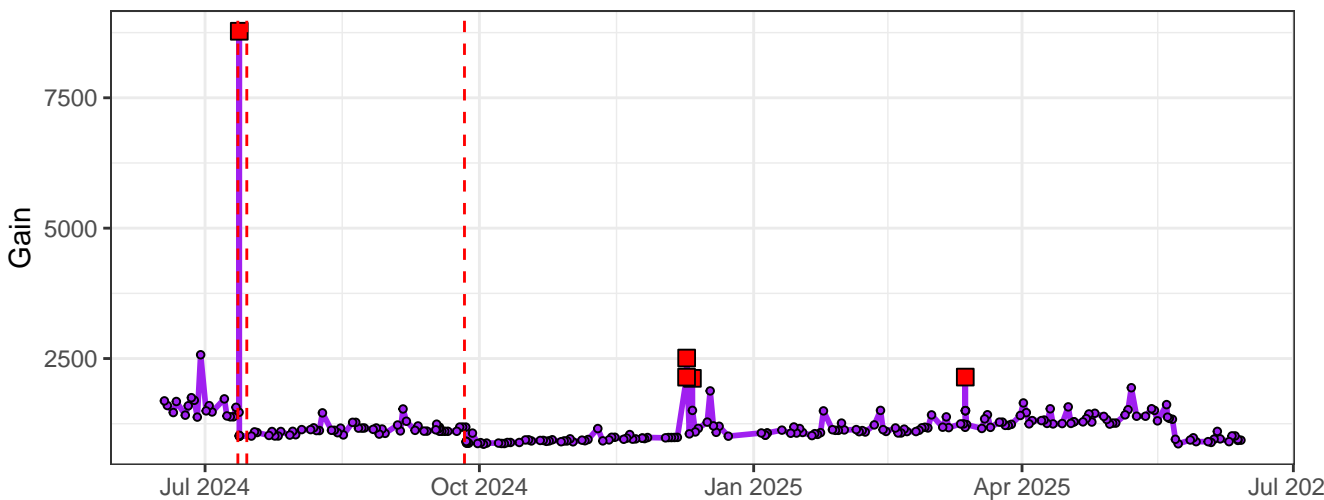
UV14-Gain



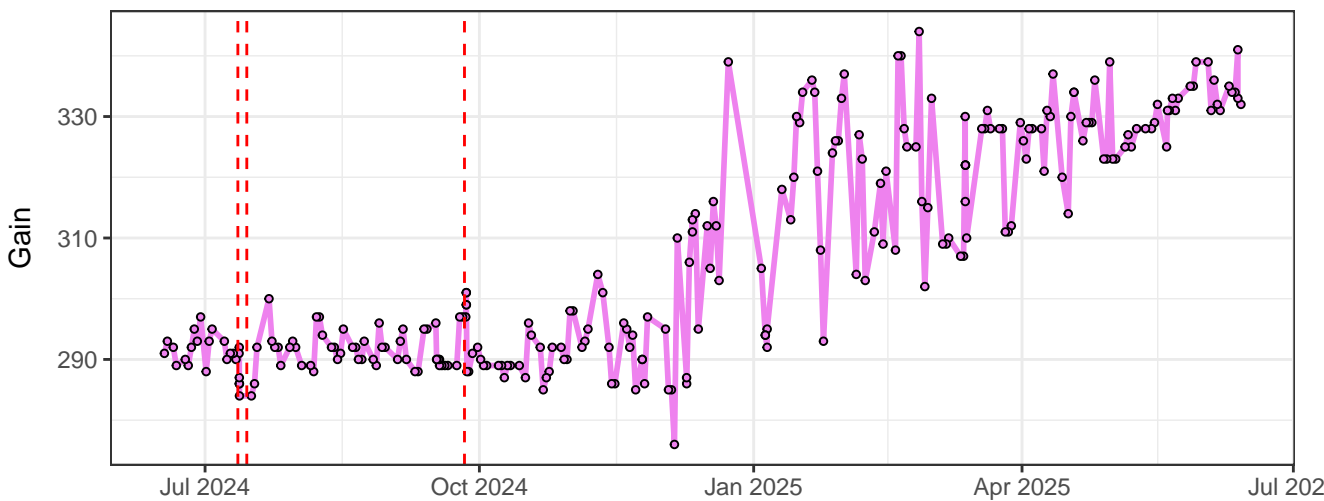
UV15-Gain



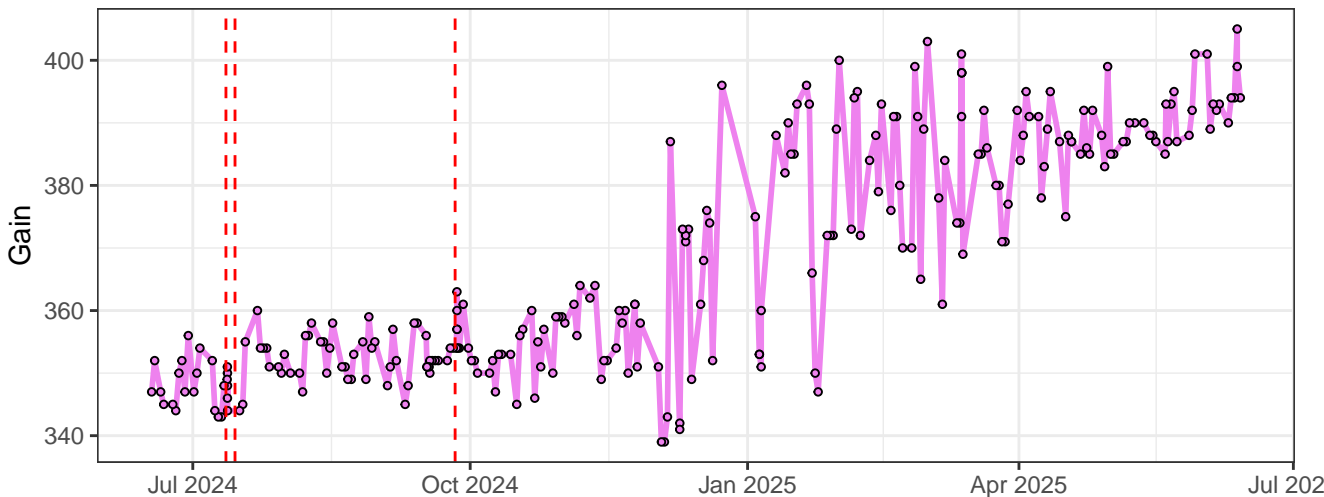
UV16-Gain



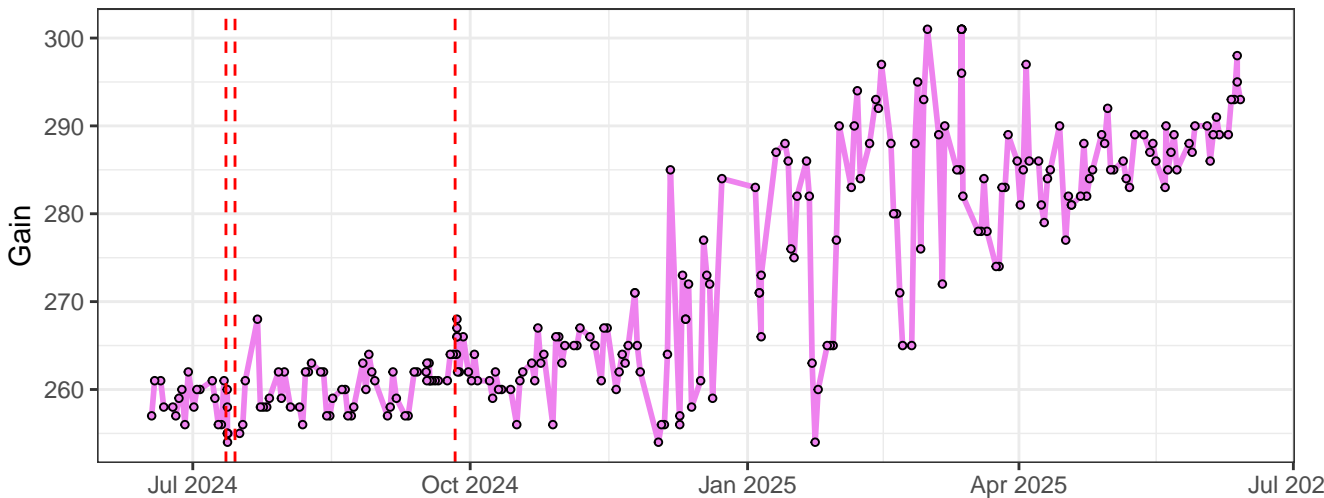
V1-Gain



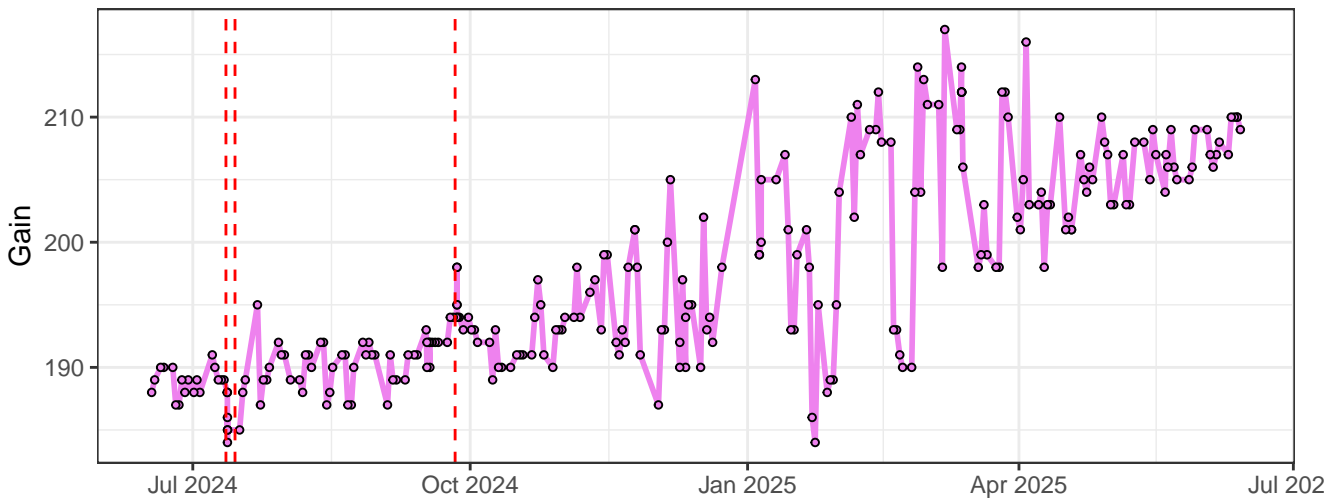
V2-Gain



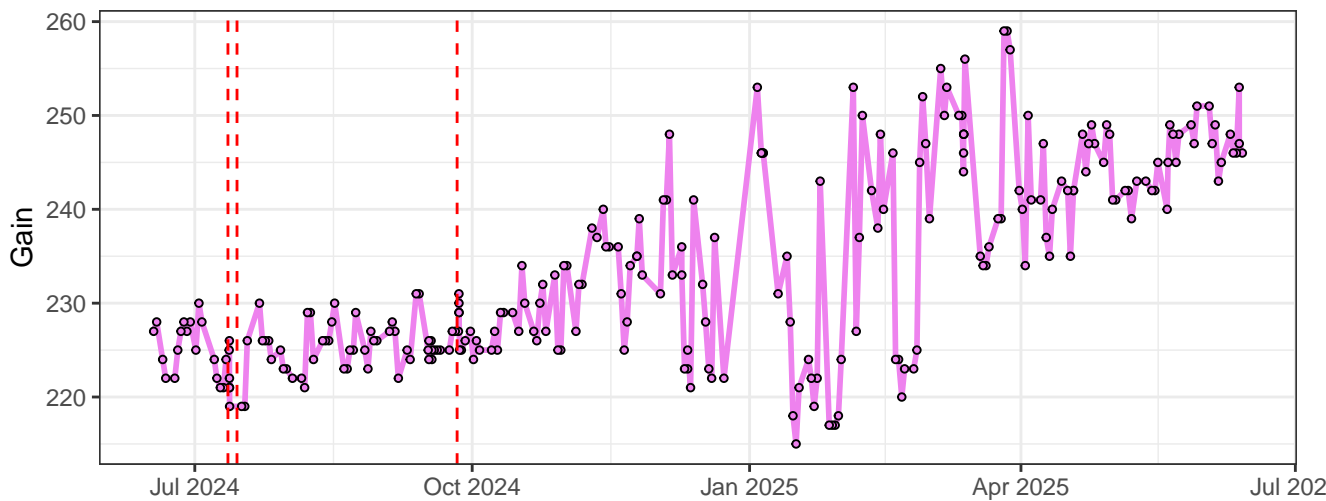
V3-Gain



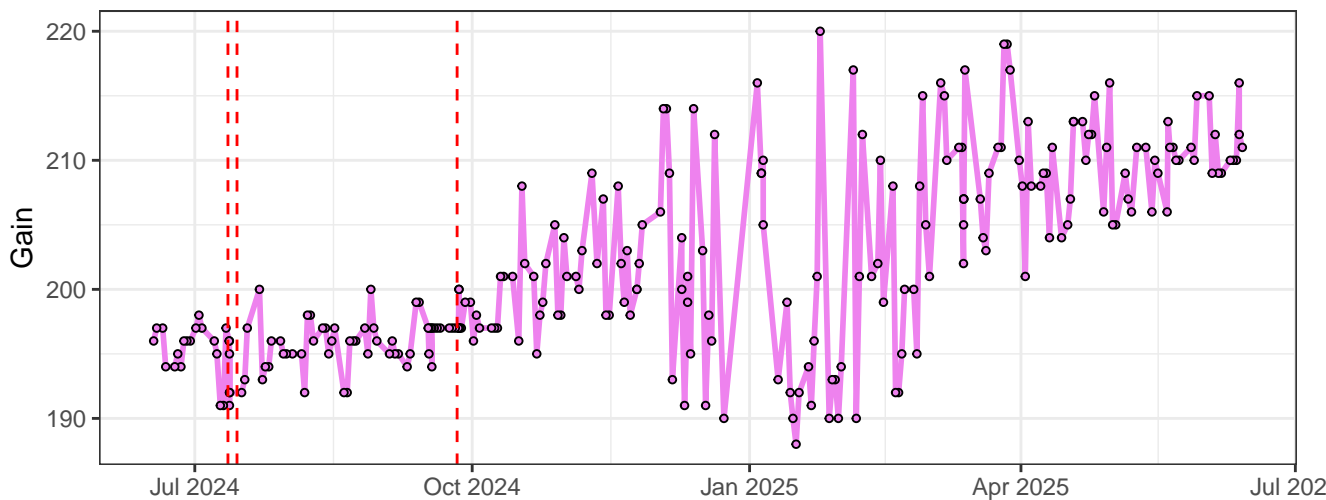
V4-Gain



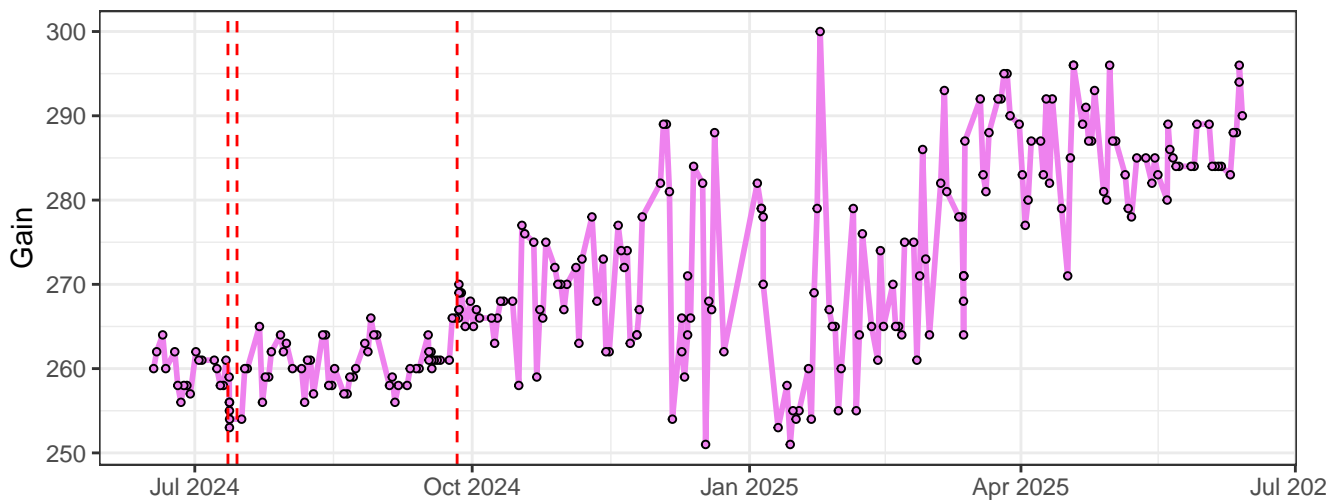
V5-Gain



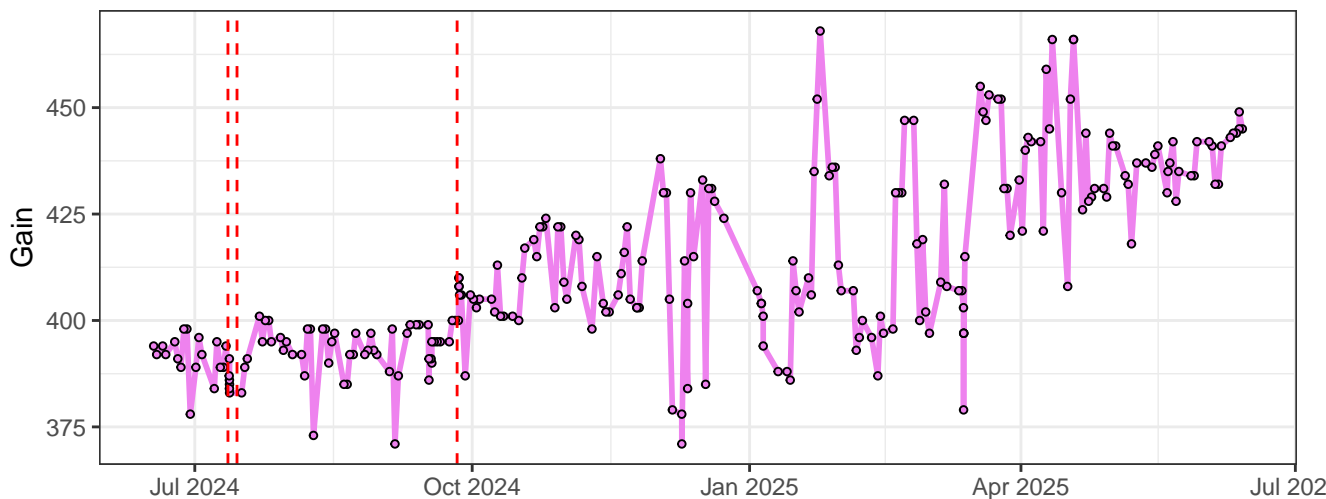
V6-Gain



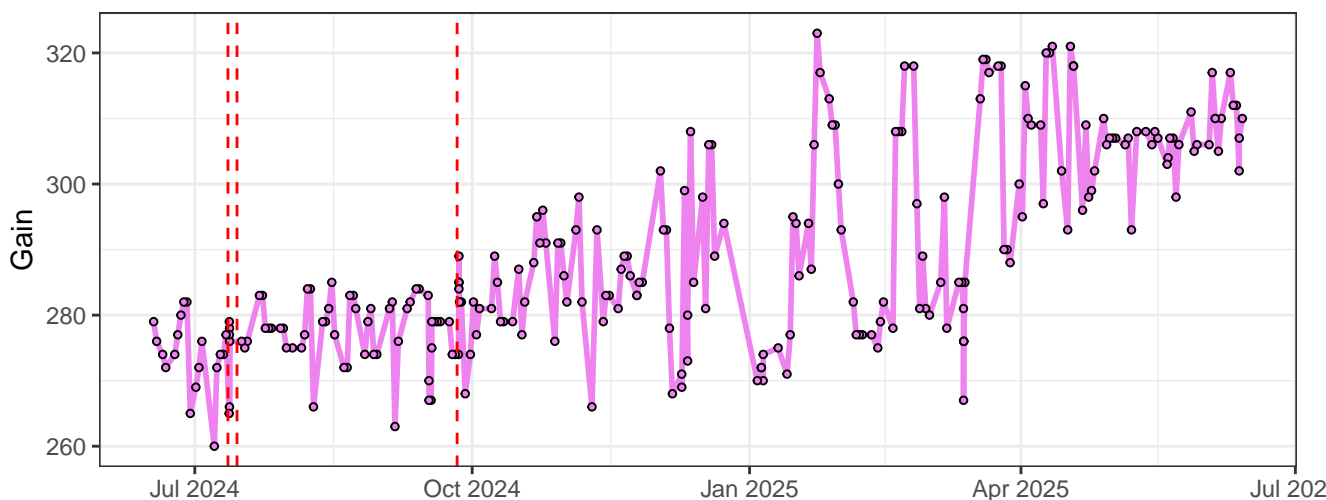
V7-Gain



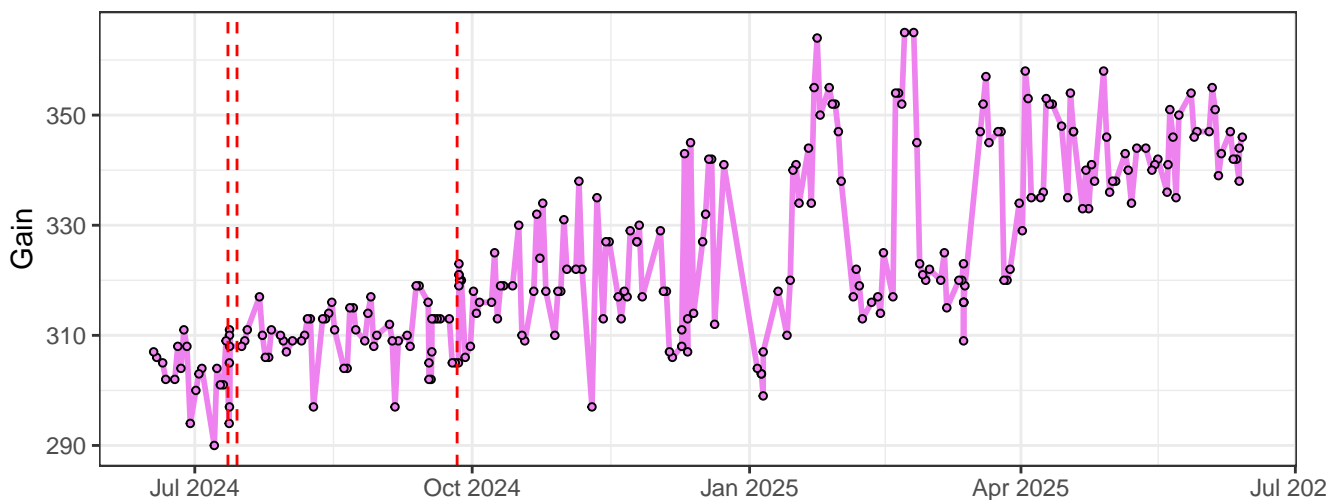
V8-Gain



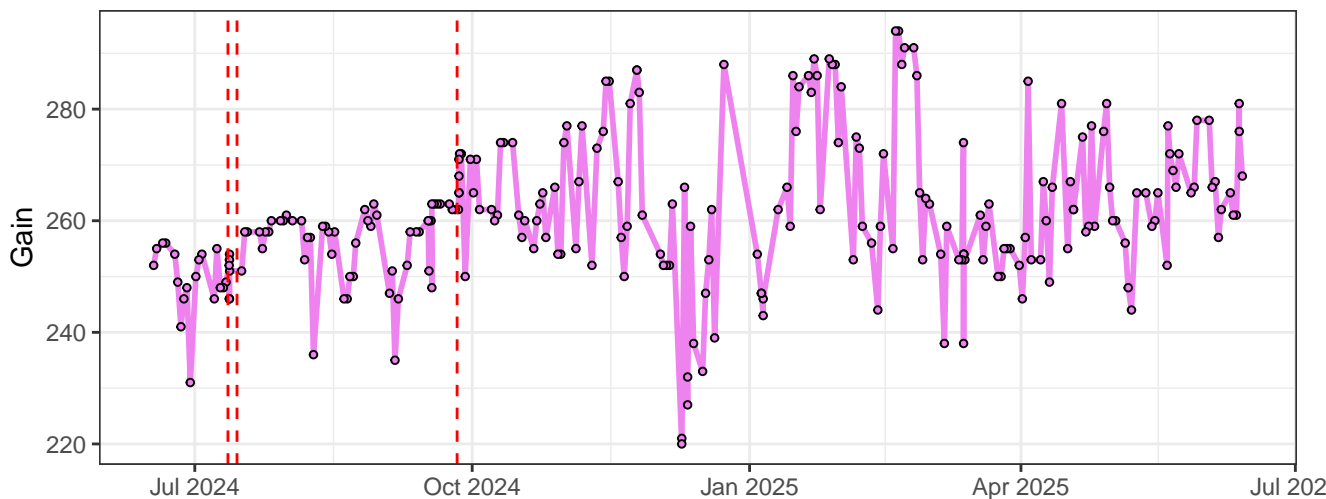
V9-Gain



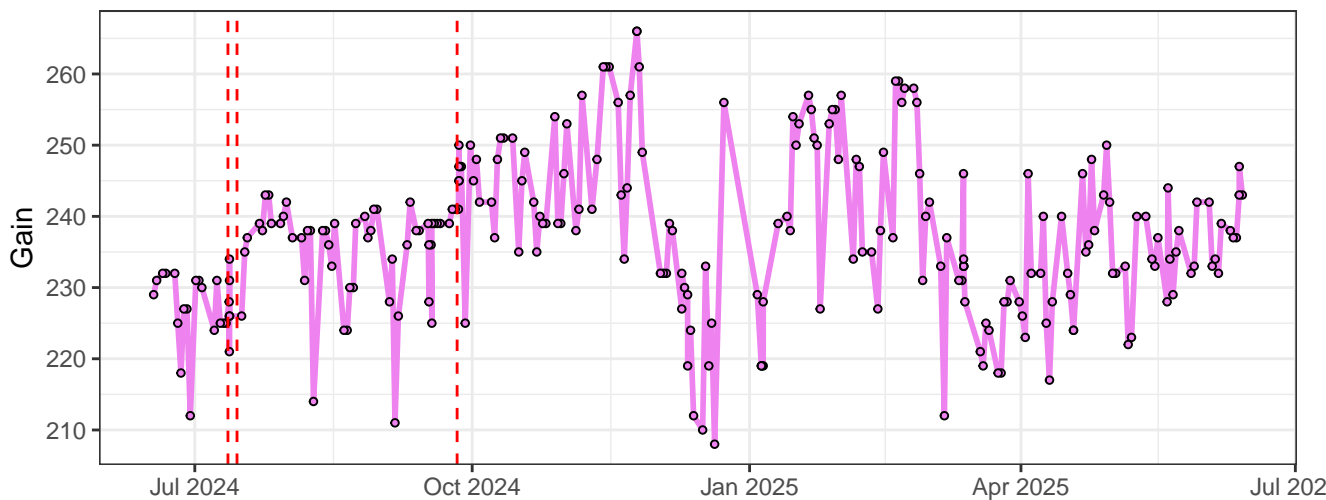
V10-Gain



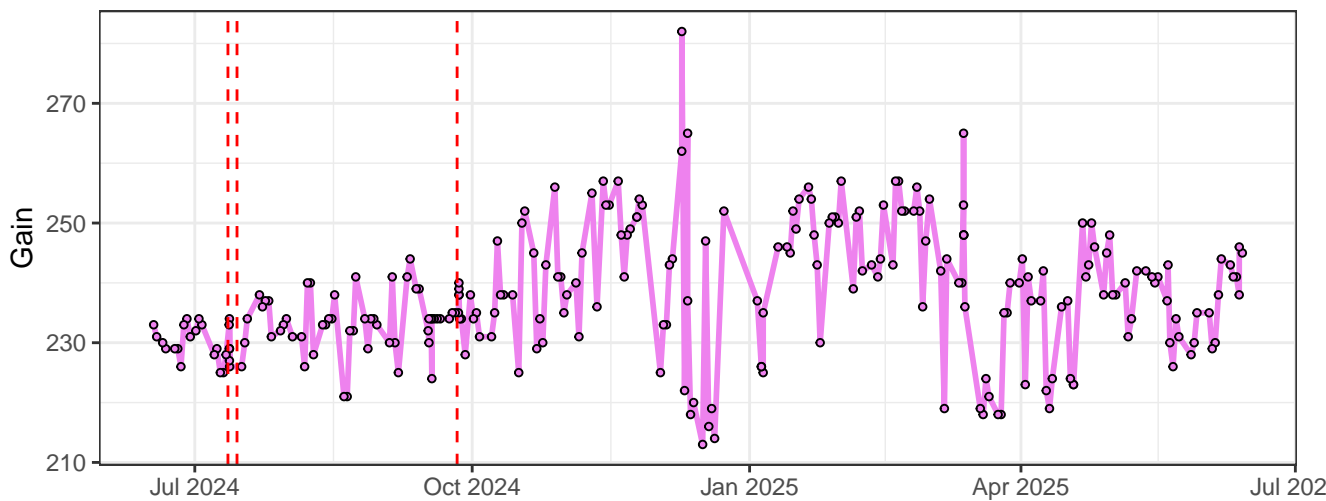
V11-Gain



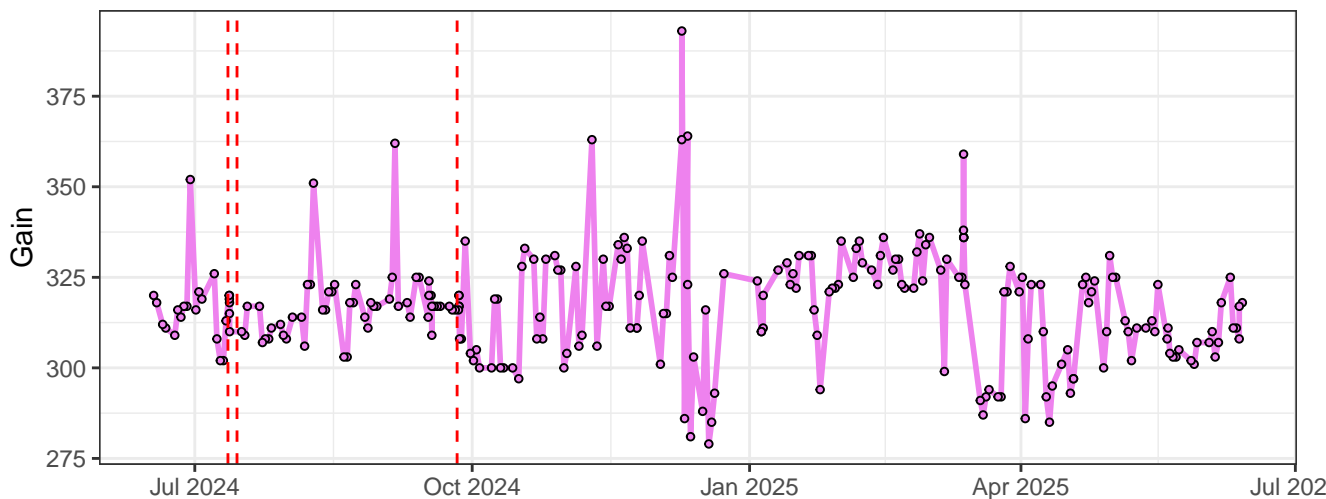
V12-Gain



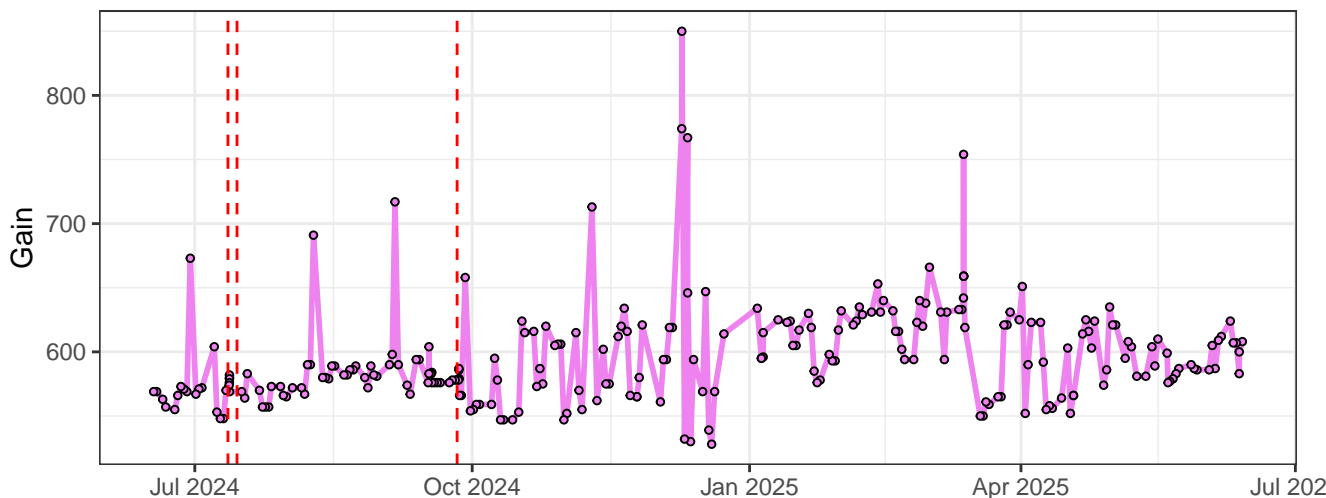
V13-Gain



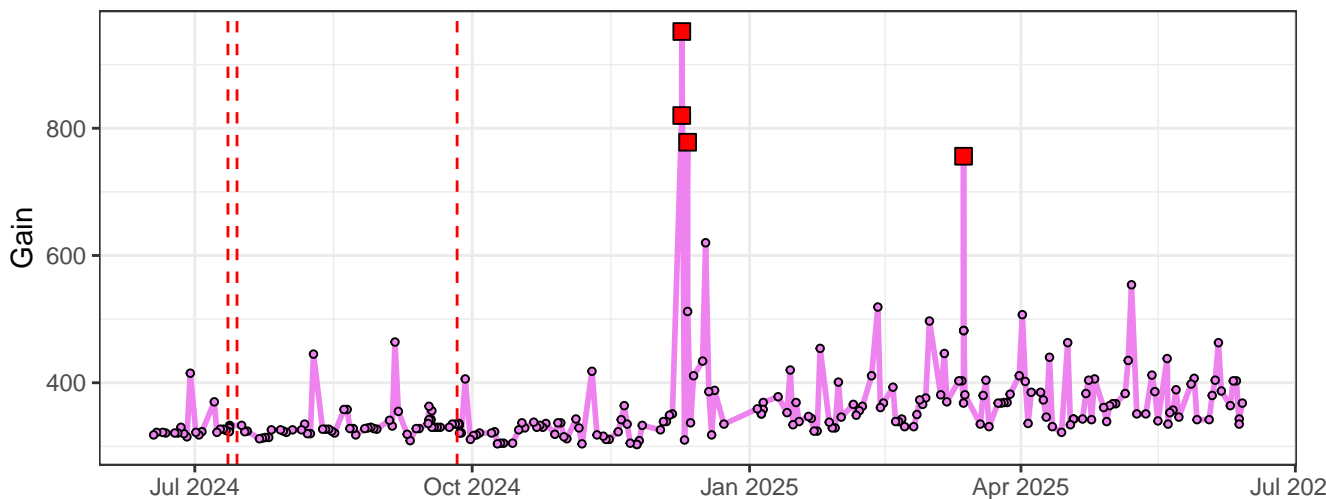
V14-Gain



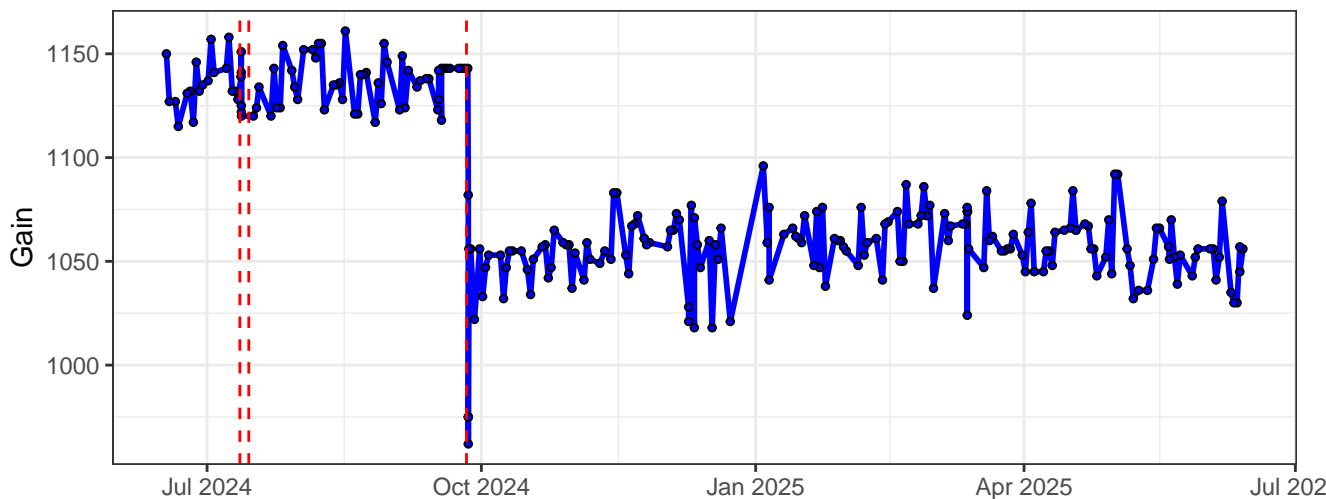
V15-Gain



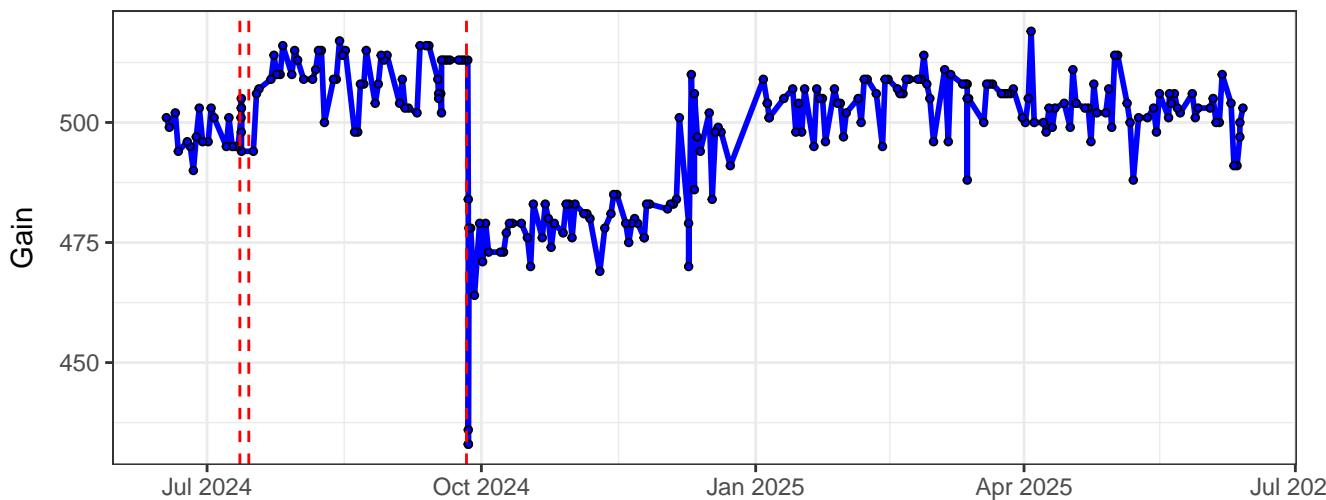
V16-Gain



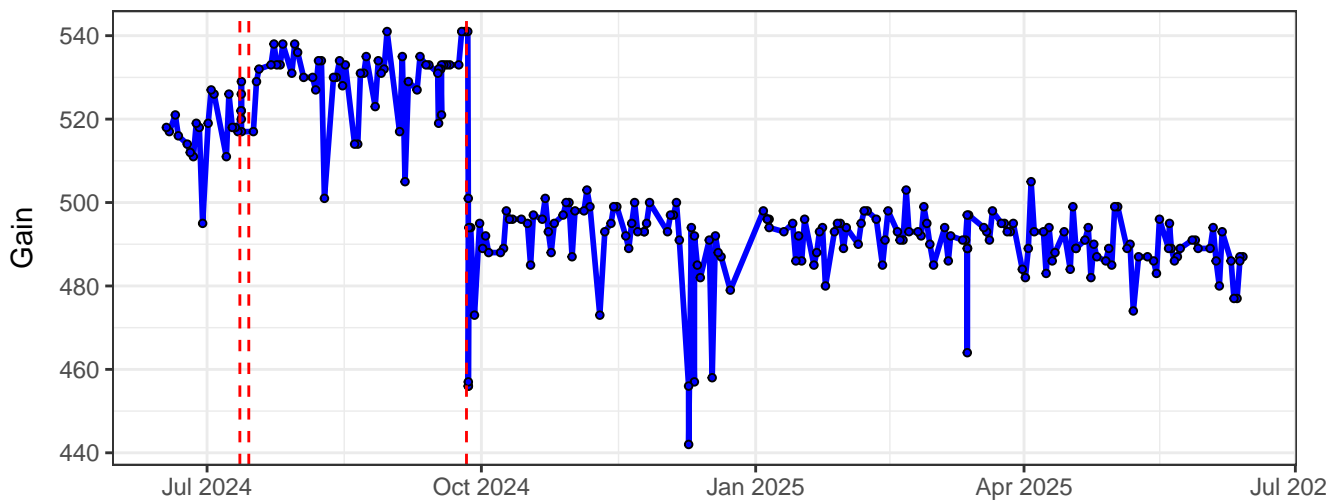
B1-Gain



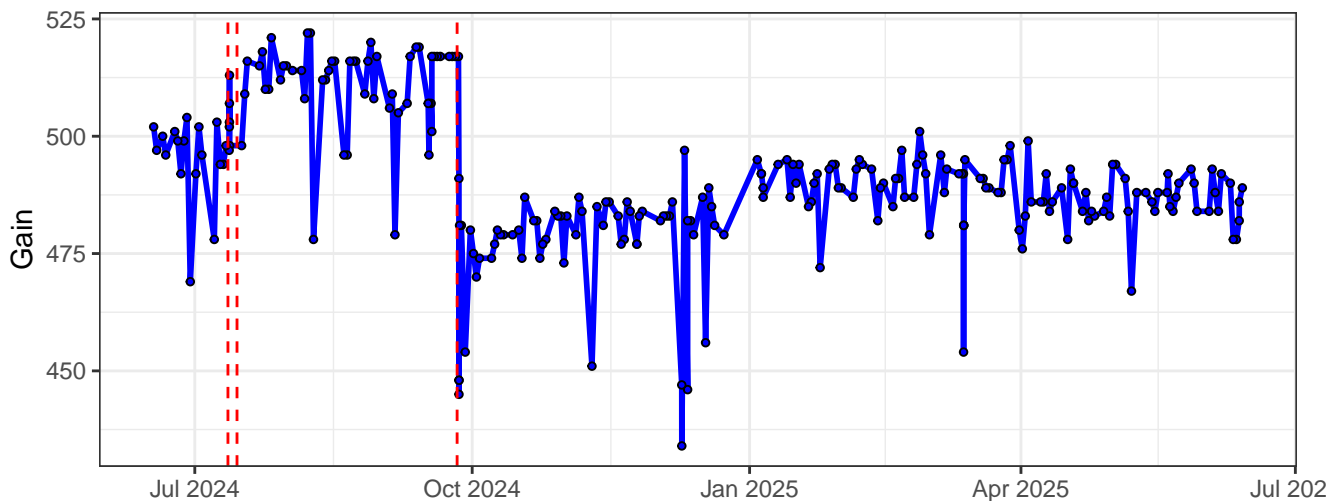
B2-Gain



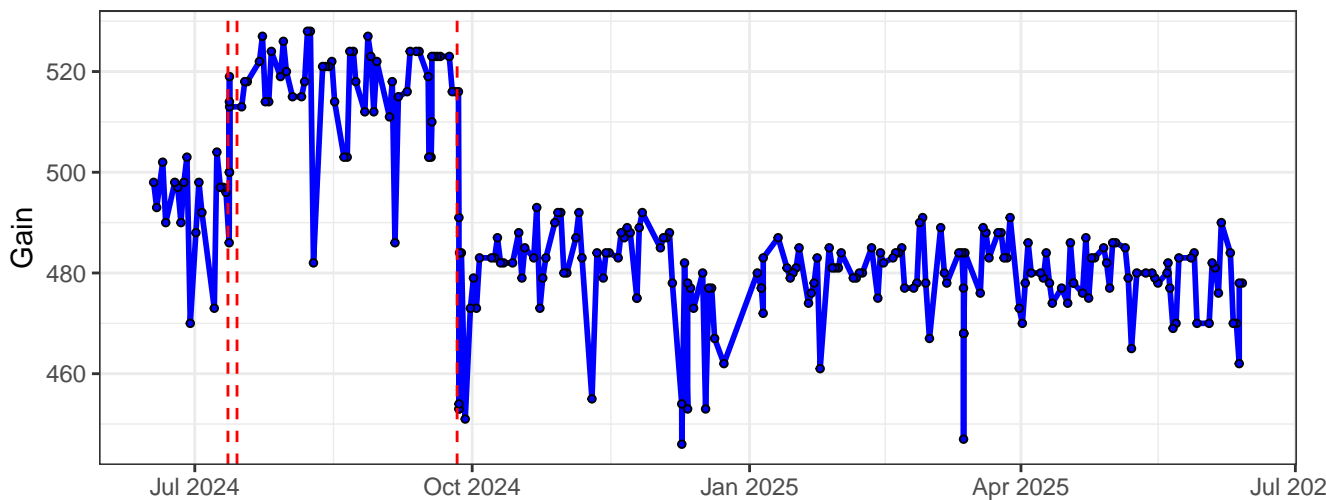
B3-Gain



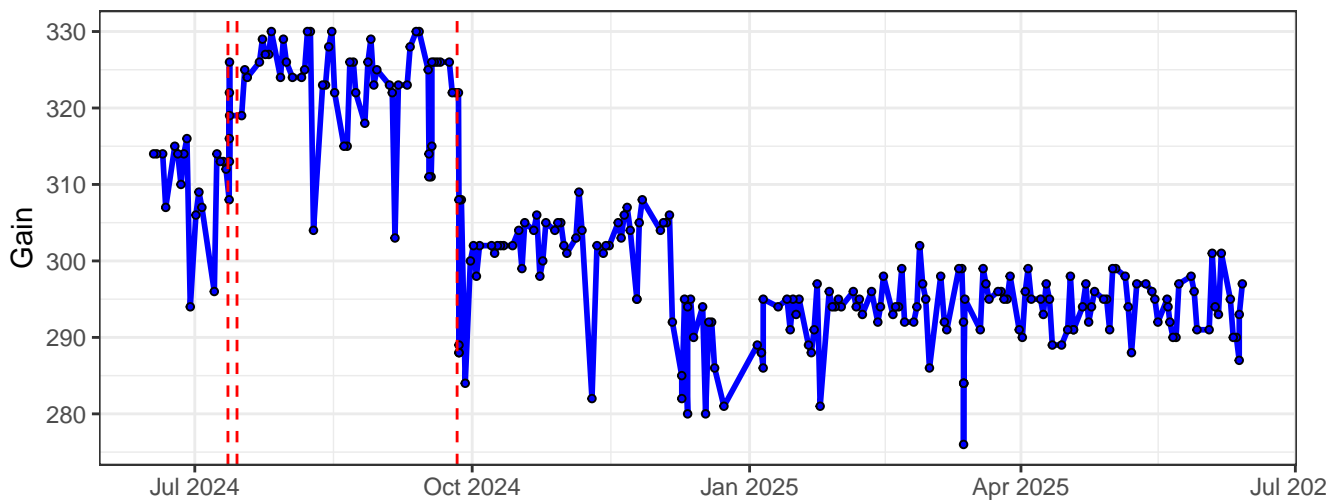
B4-Gain



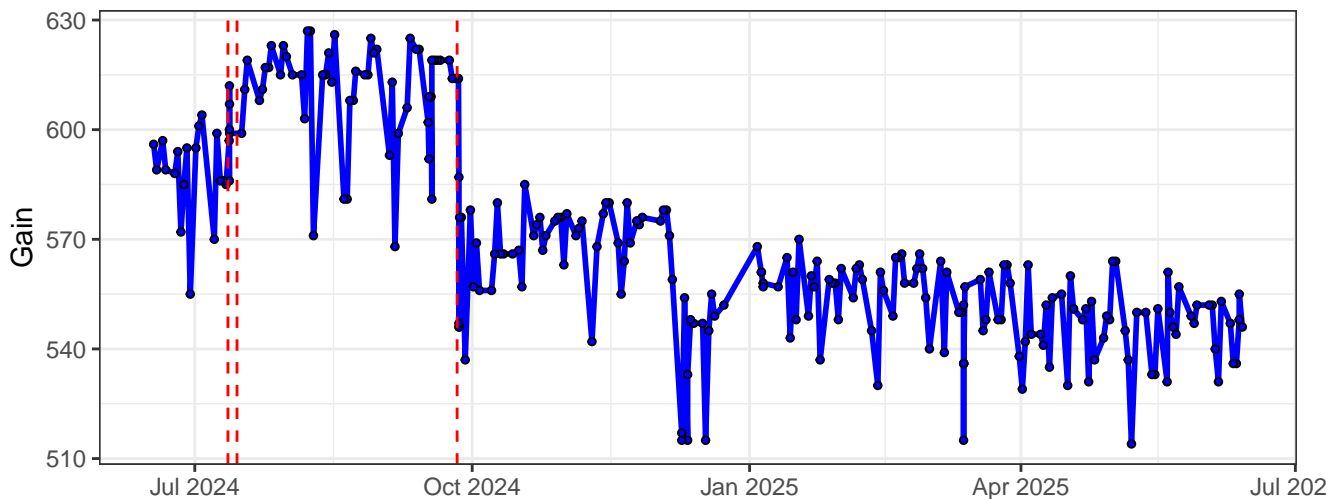
B5-Gain



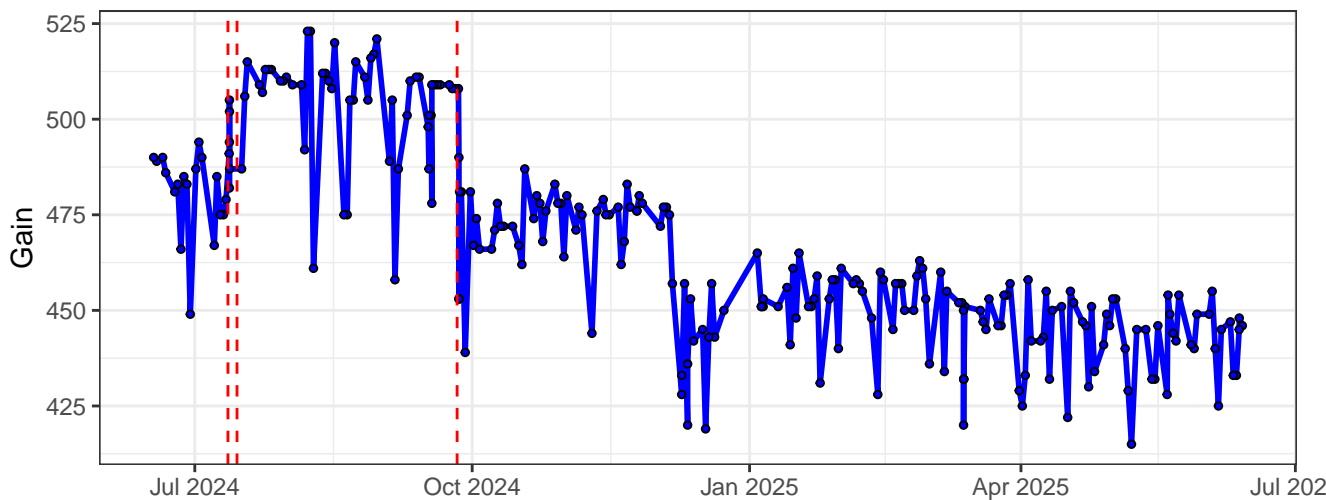
B6-Gain



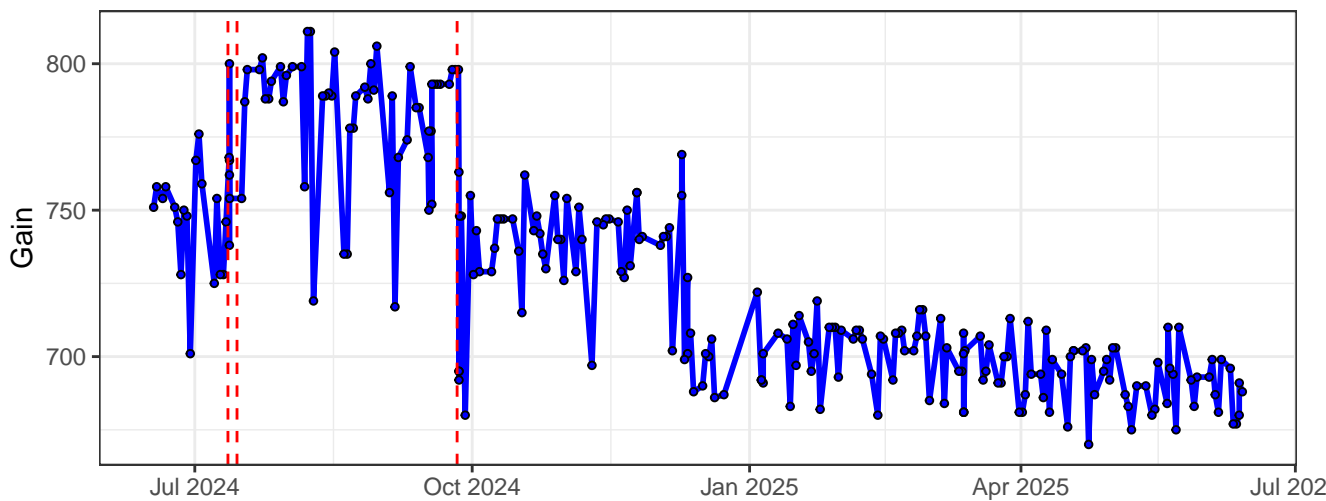
B7-Gain



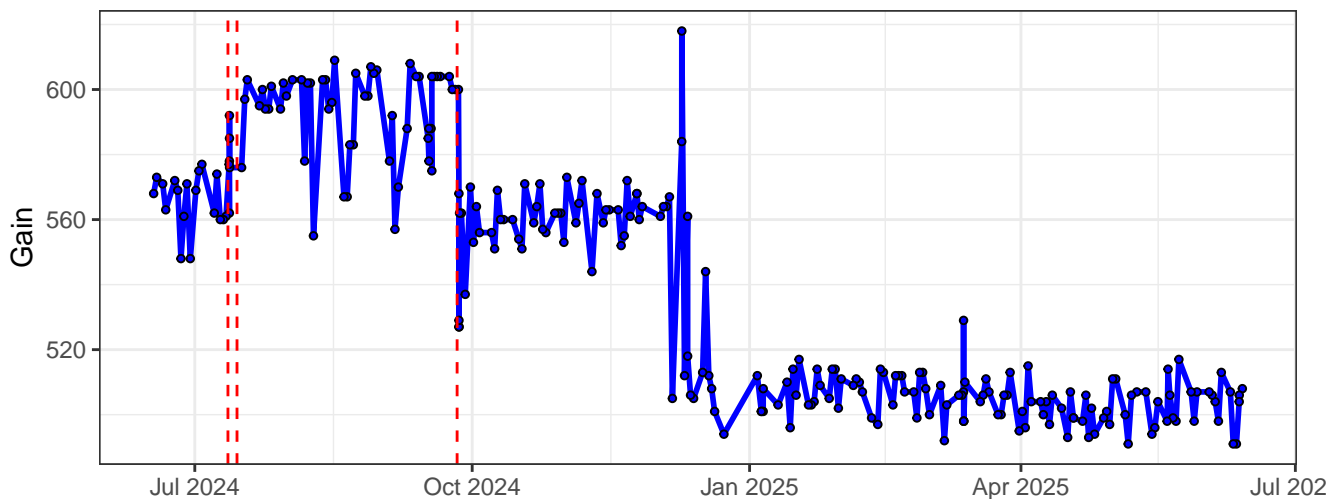
B8-Gain



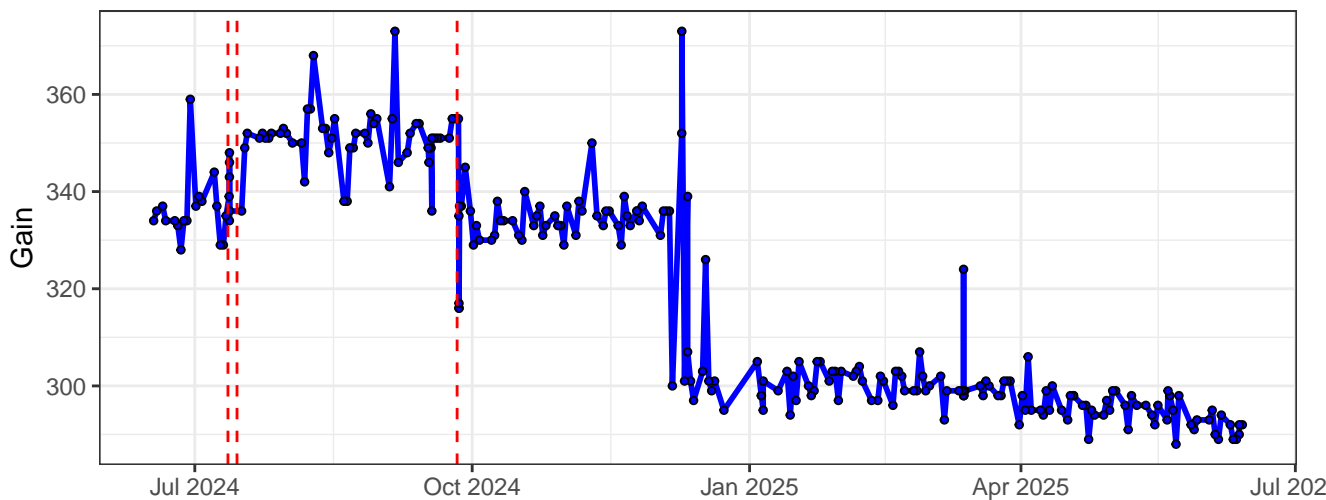
B9-Gain



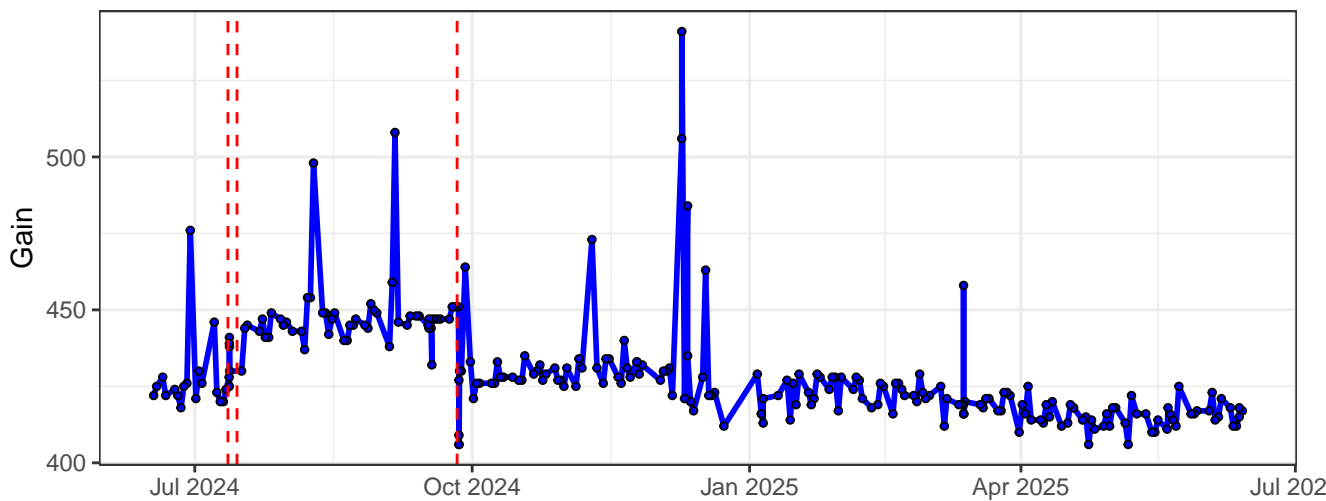
B10-Gain



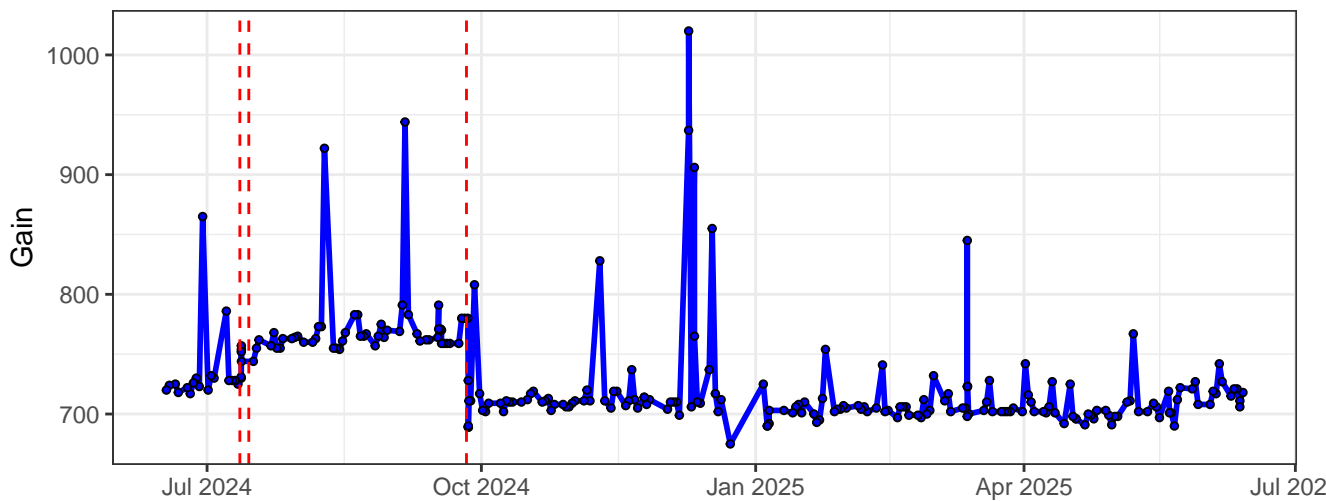
B11-Gain



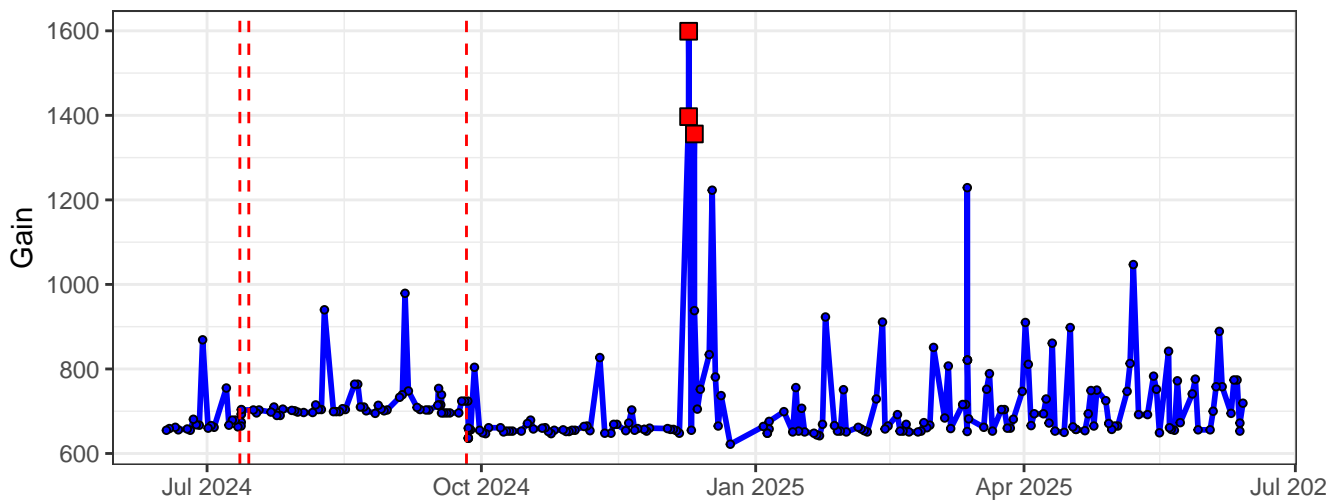
B12-Gain



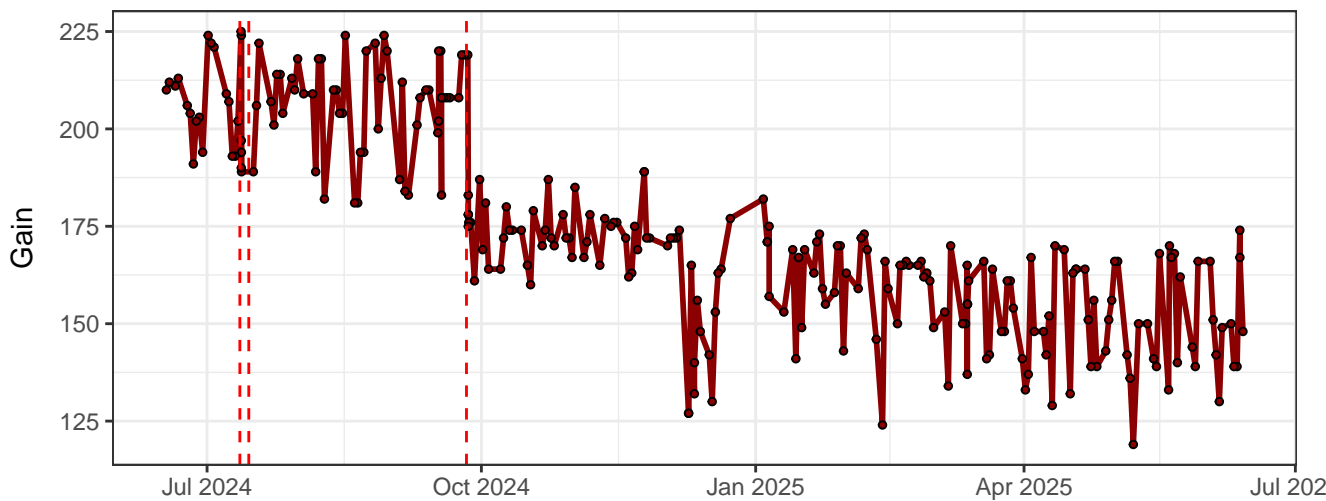
B13-Gain



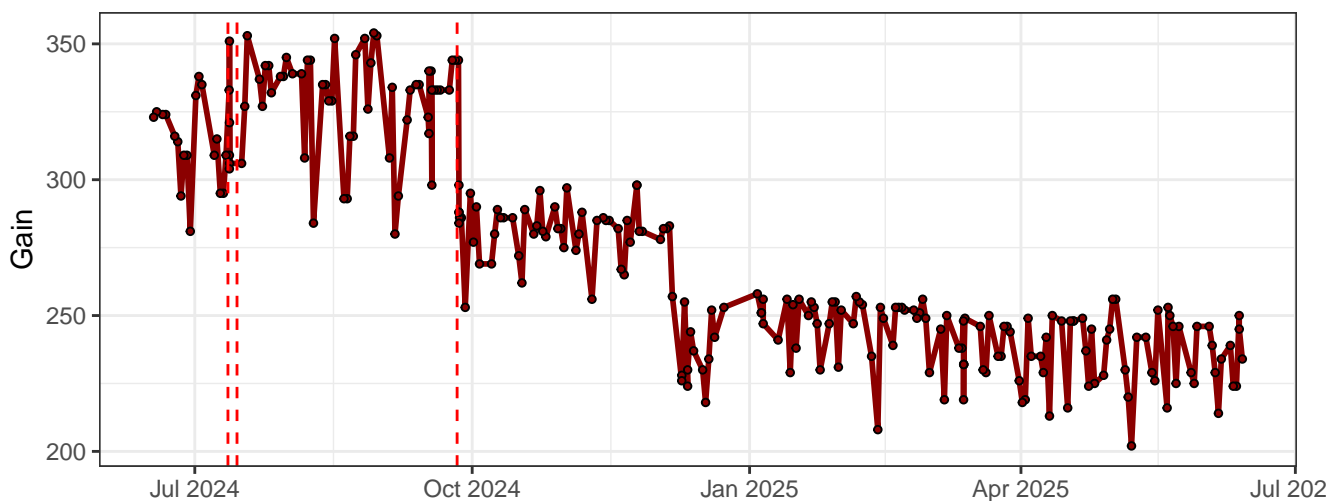
B14-Gain



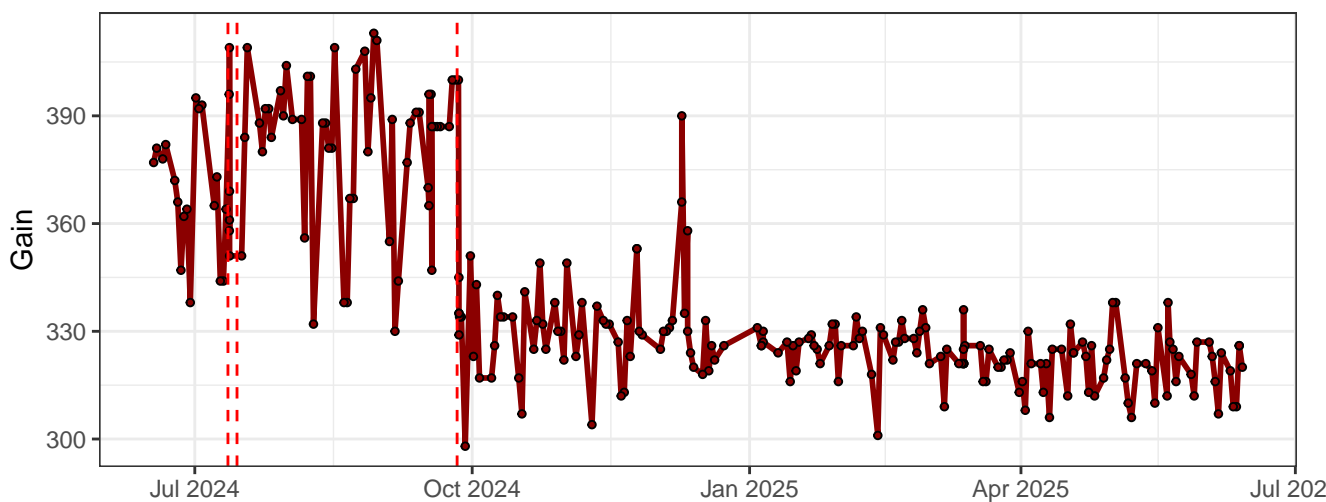
R1-Gain



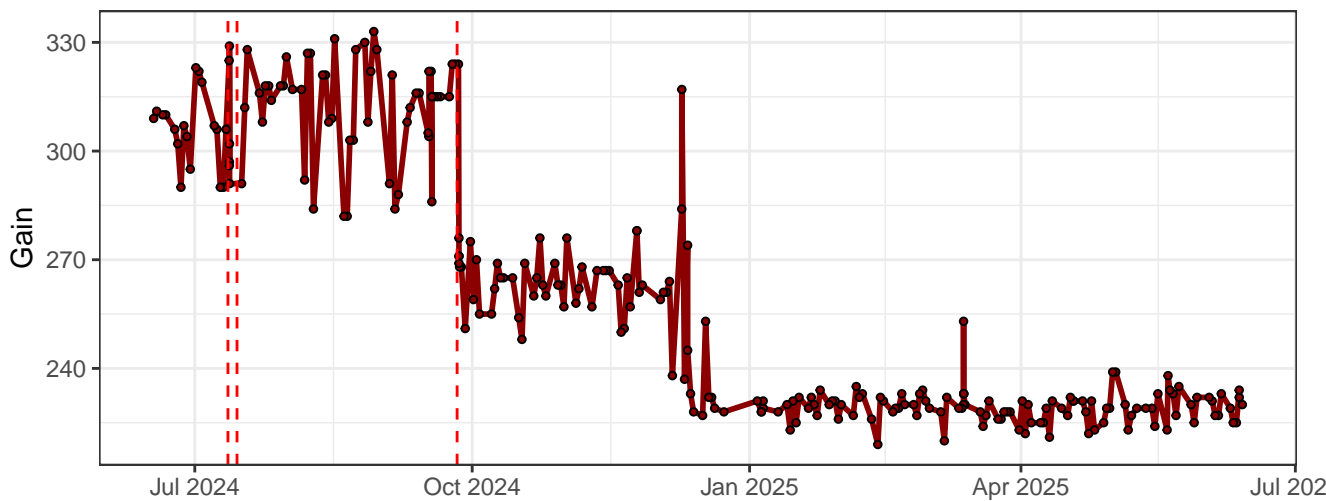
R2-Gain



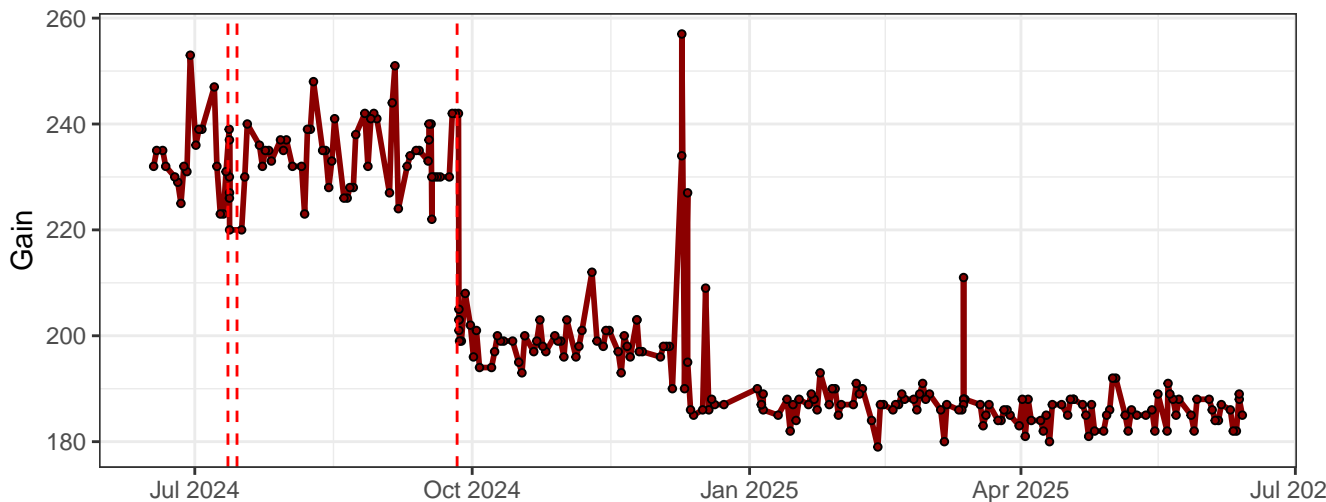
R3-Gain



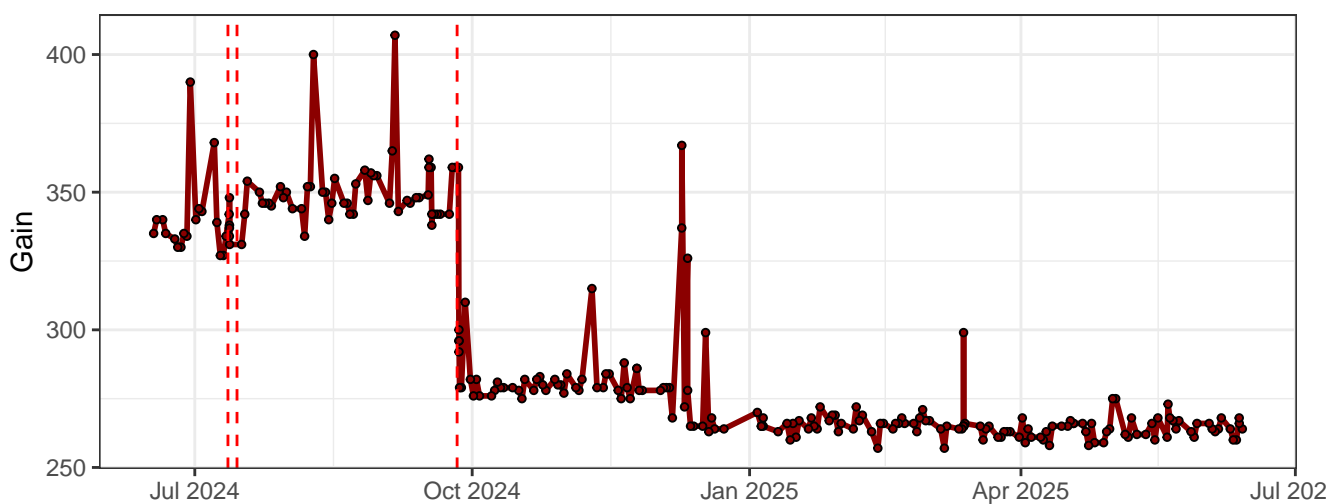
R4-Gain



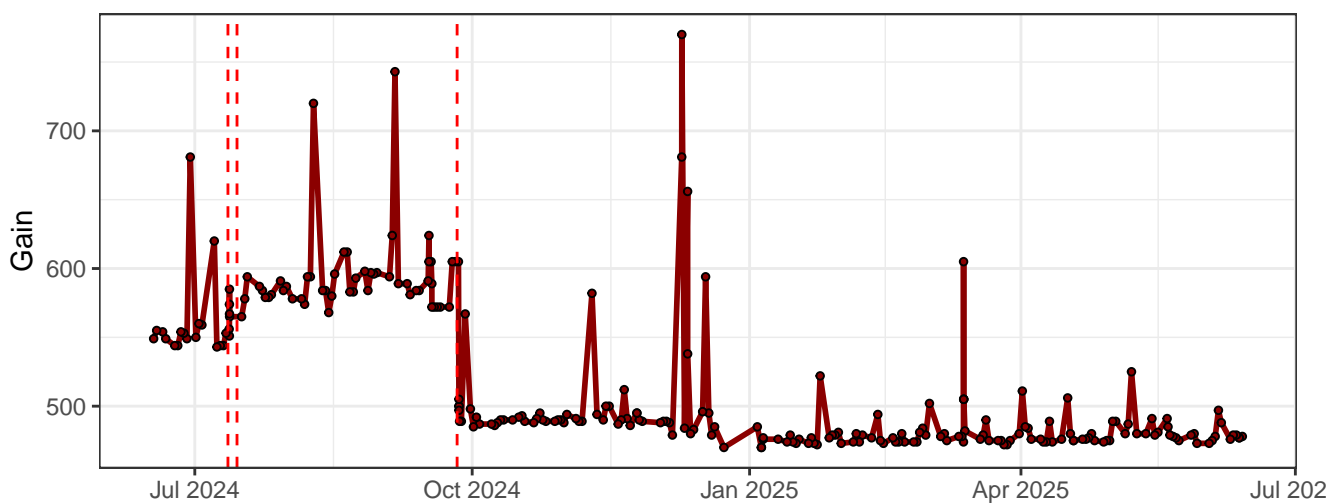
R5-Gain



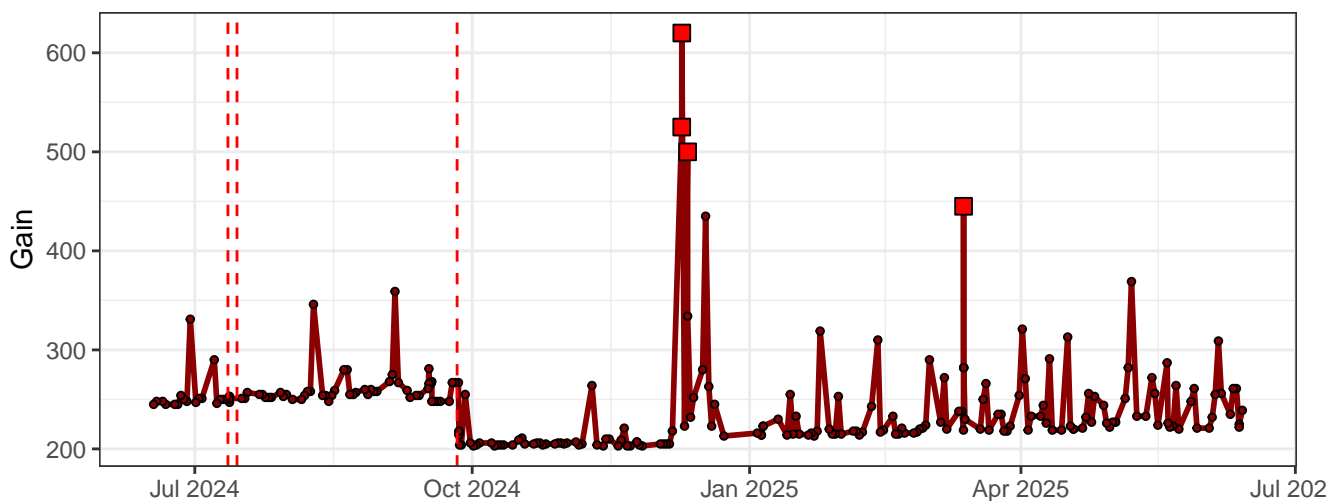
R6-Gain



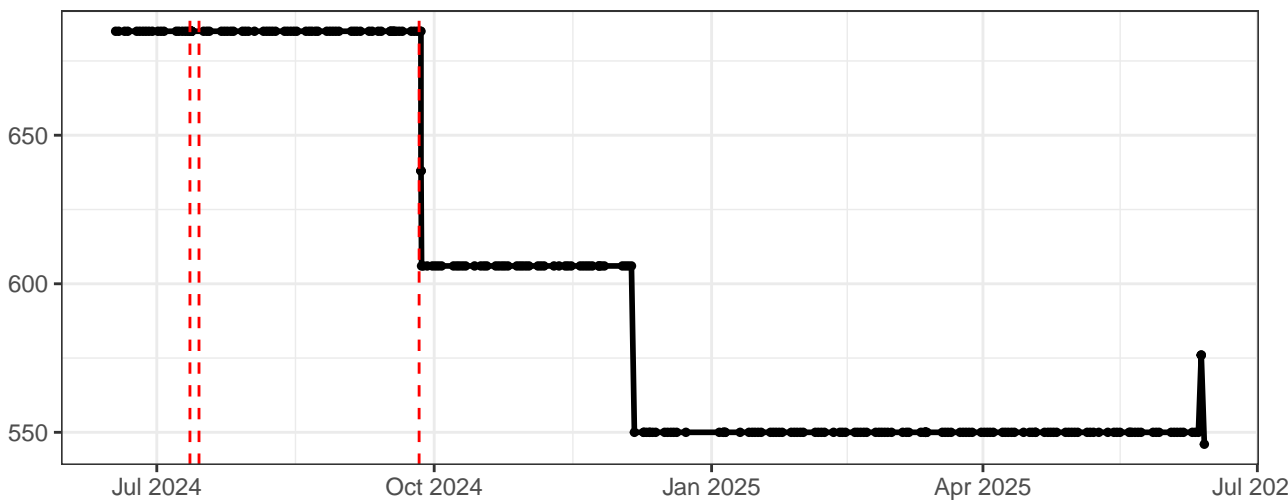
R7-Gain



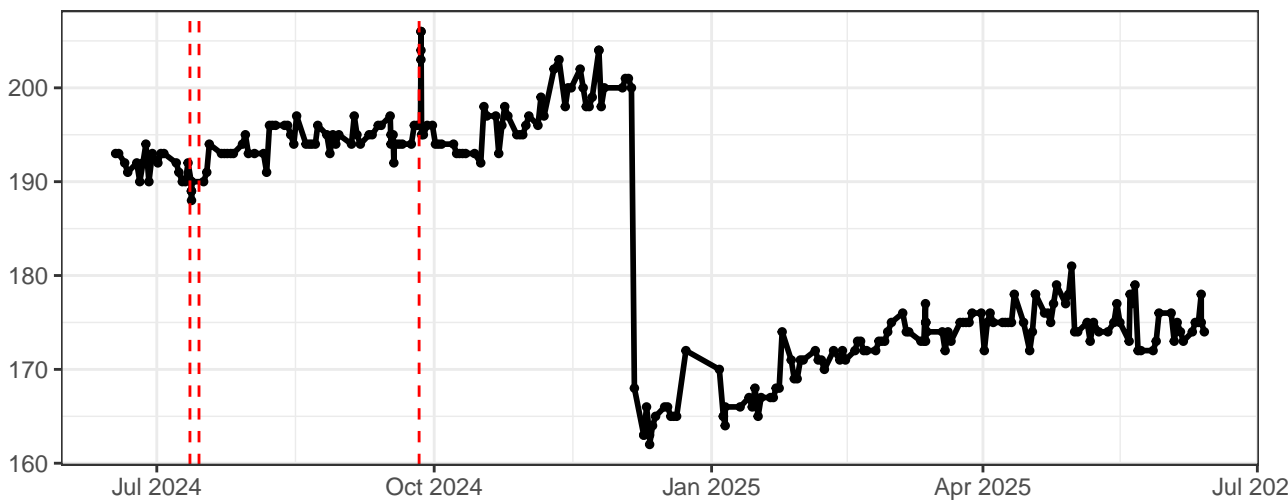
R8-Gain



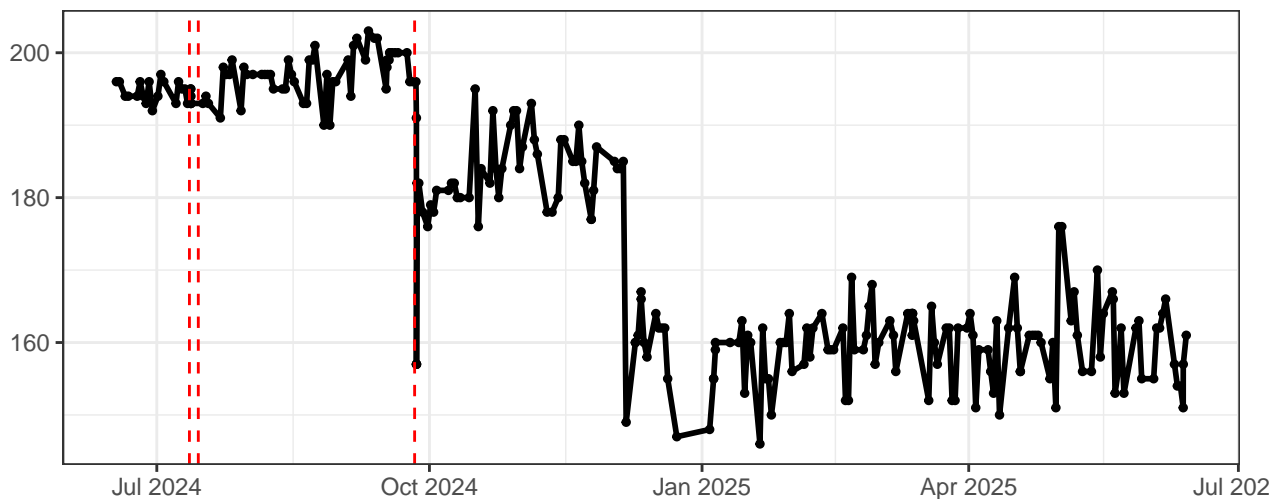
FSC-Gain



SSC-Gain



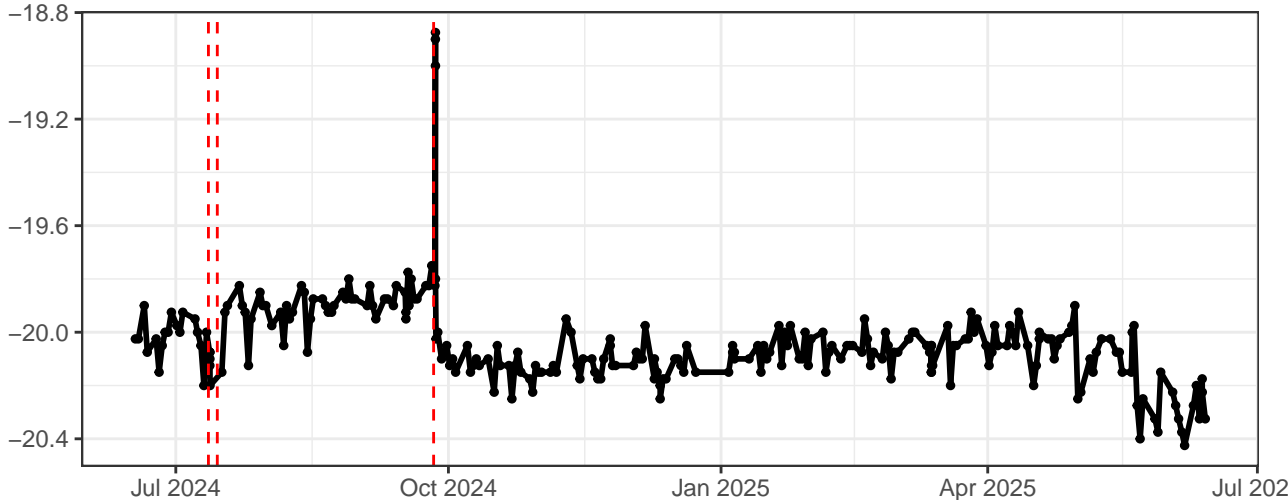
SSC-B-Gain



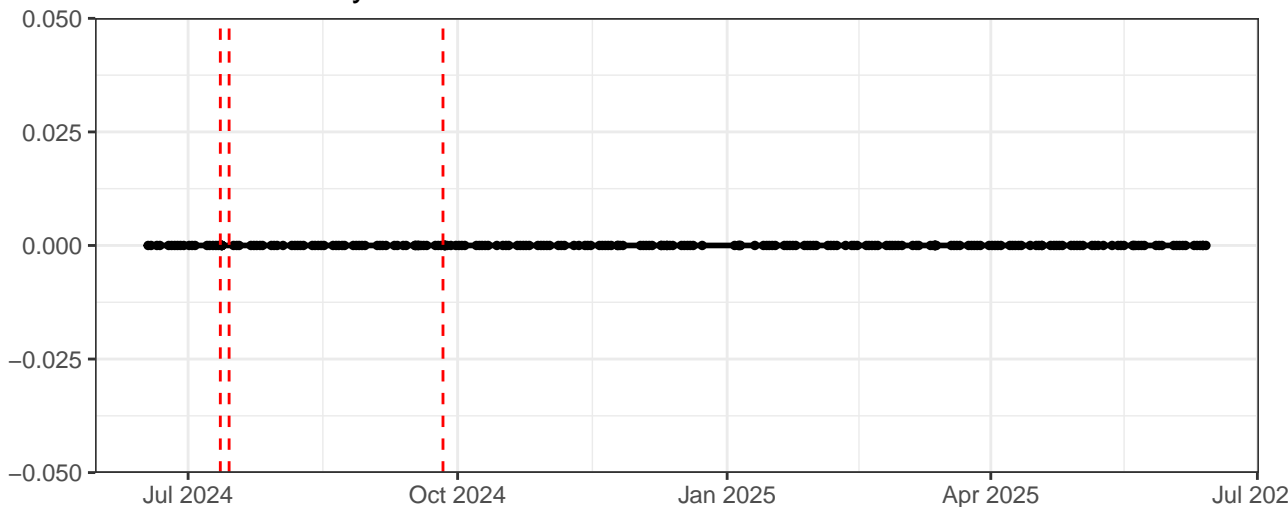
UV-Laser Delay



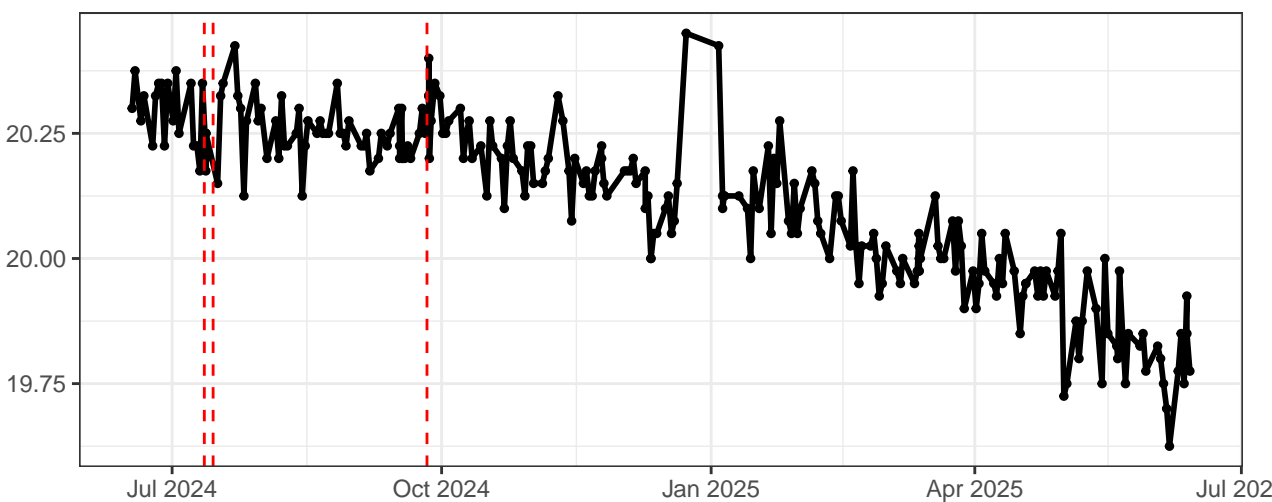
Violet-Laser Delay



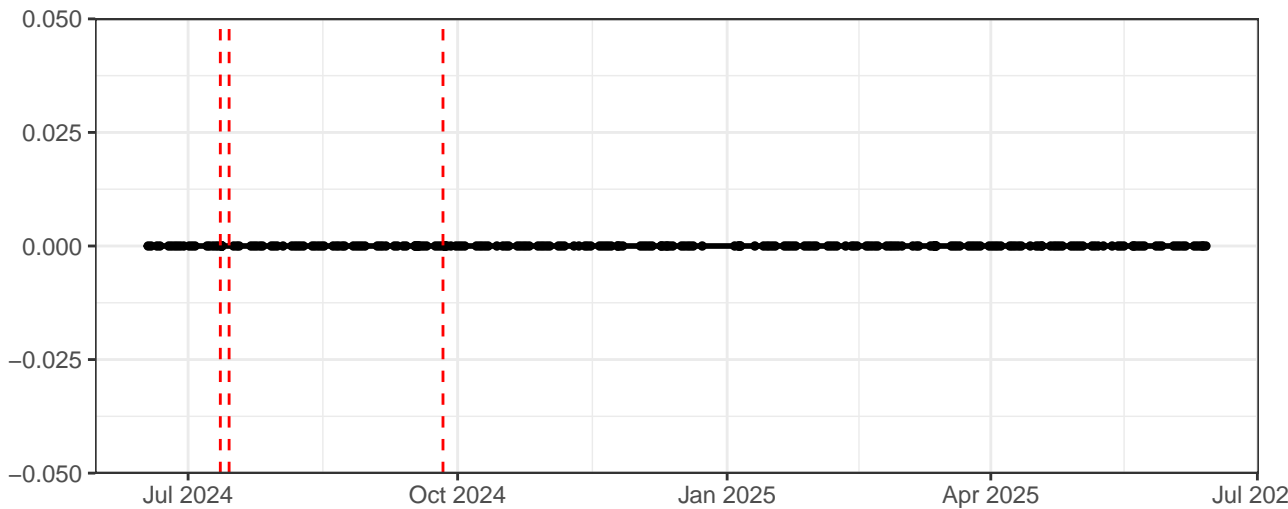
Blue-Laser Delay



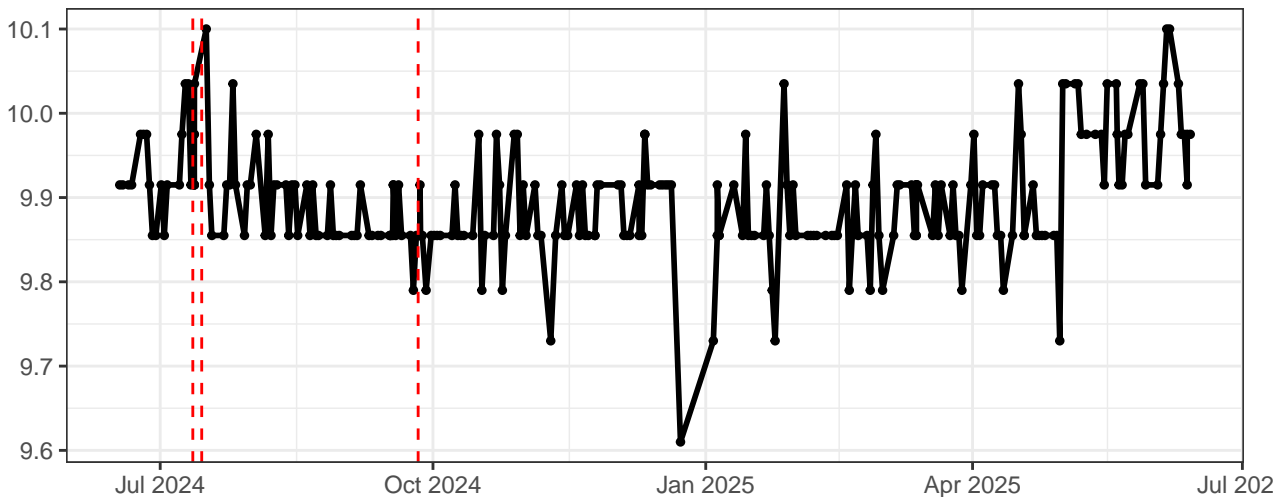
Red-Laser Delay



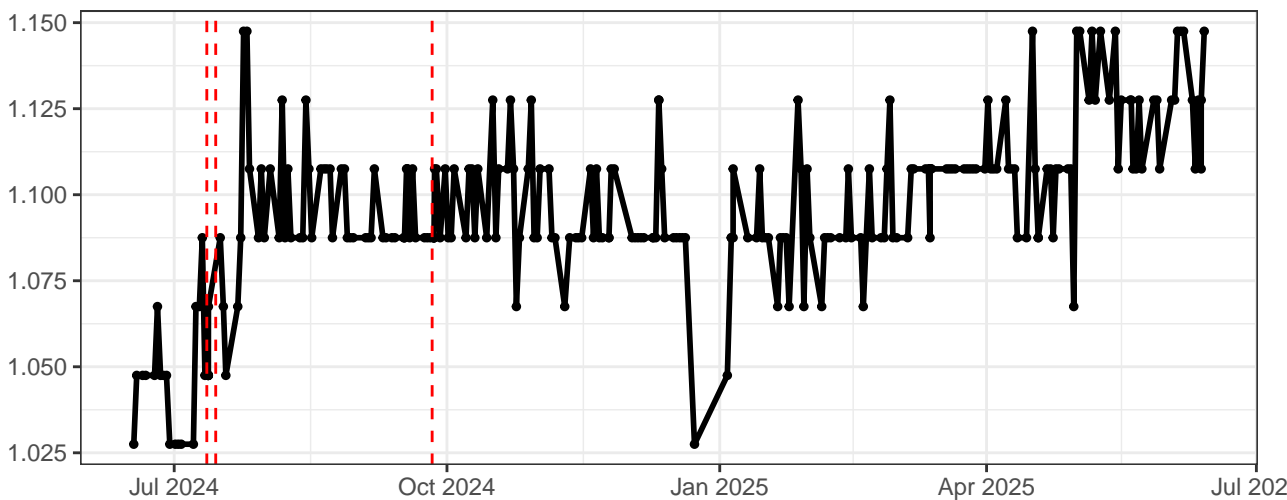
UV-Laser Power



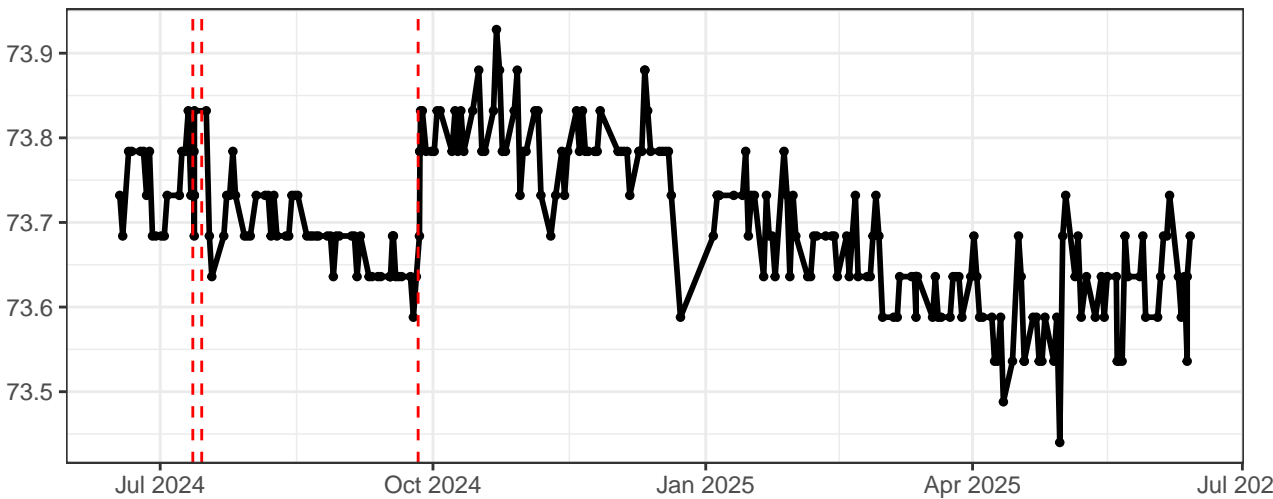
Violet-Laser Power



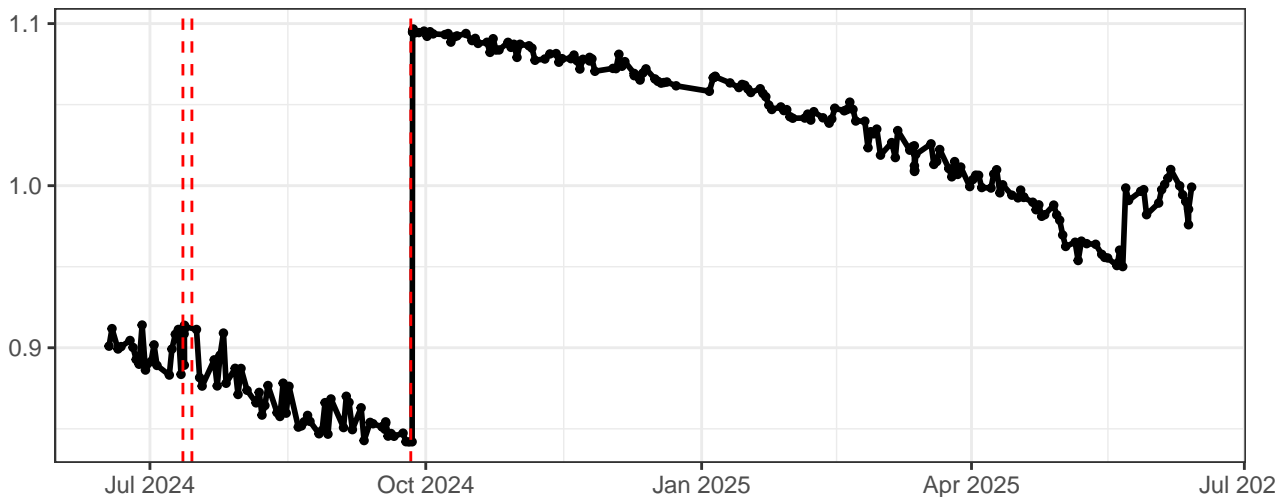
Blue-Laser Power



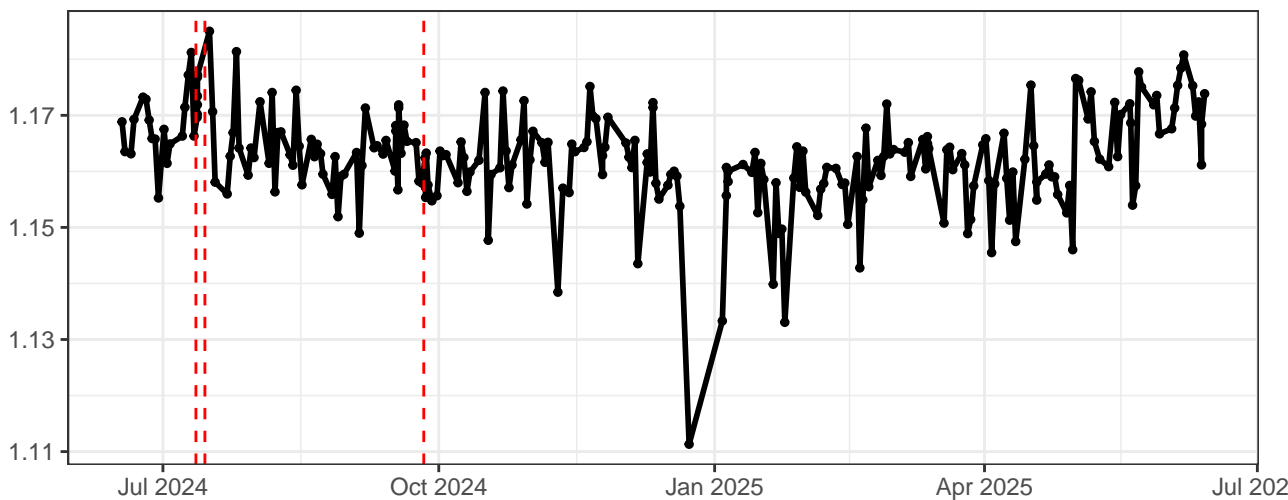
Red-Laser Power



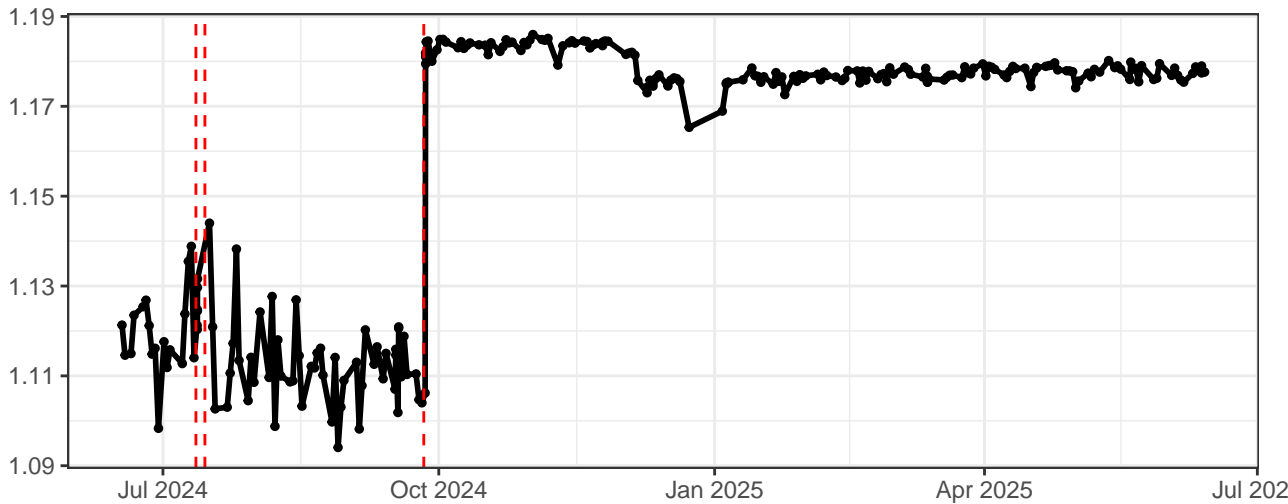
UV–Area Scaling Factor



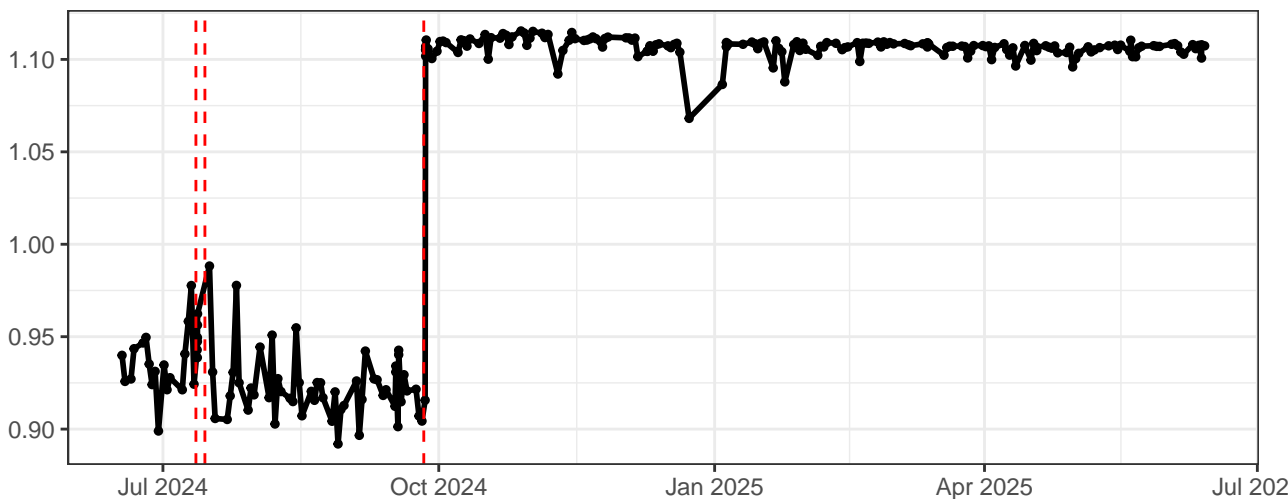
Violet–Area Scaling Factor



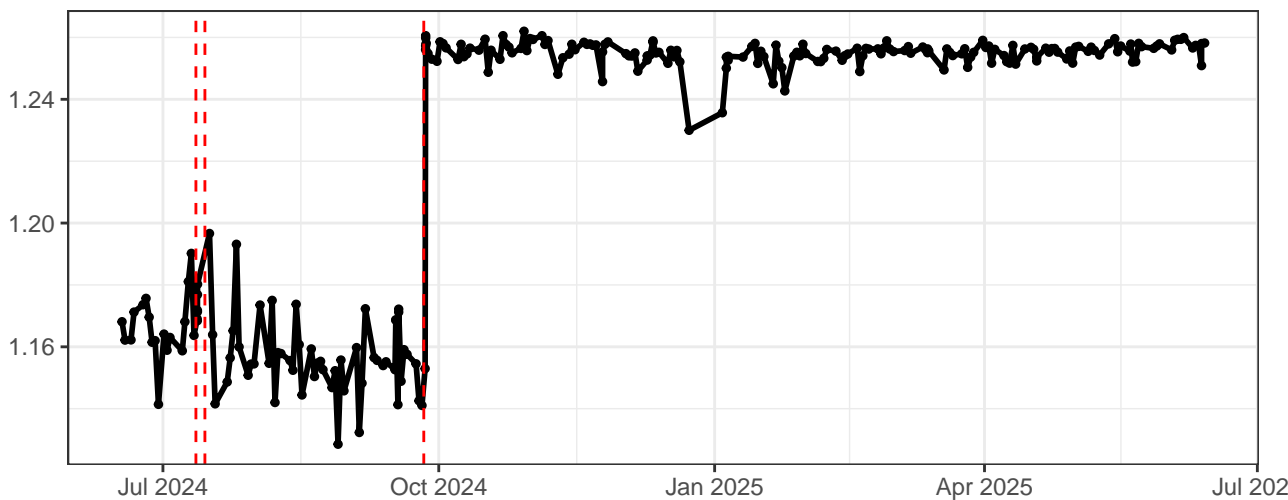
Blue–Area Scaling Factor



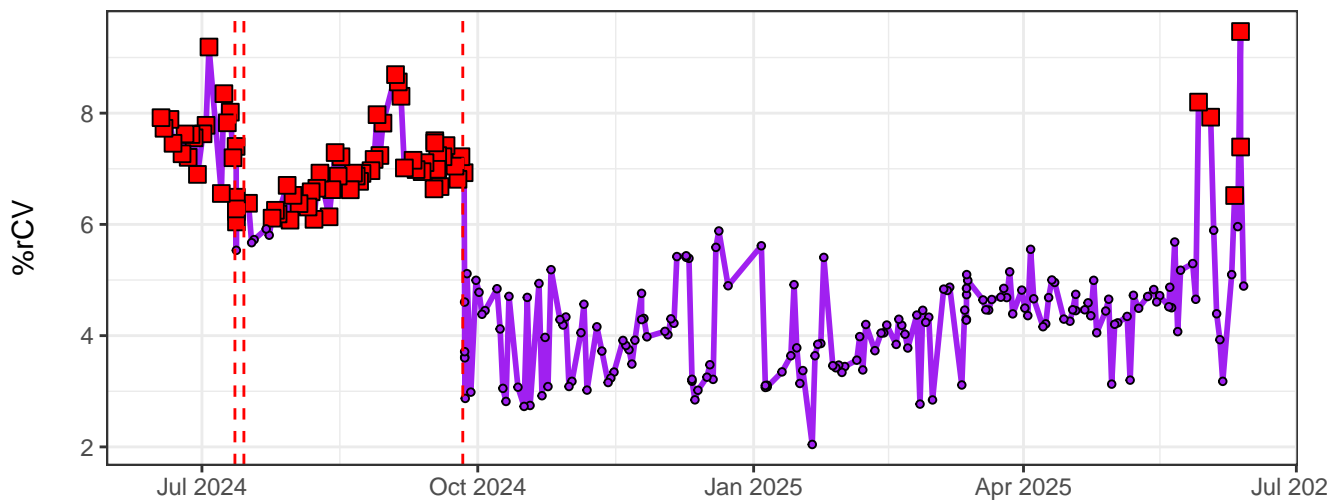
Red-Area Scaling Factor



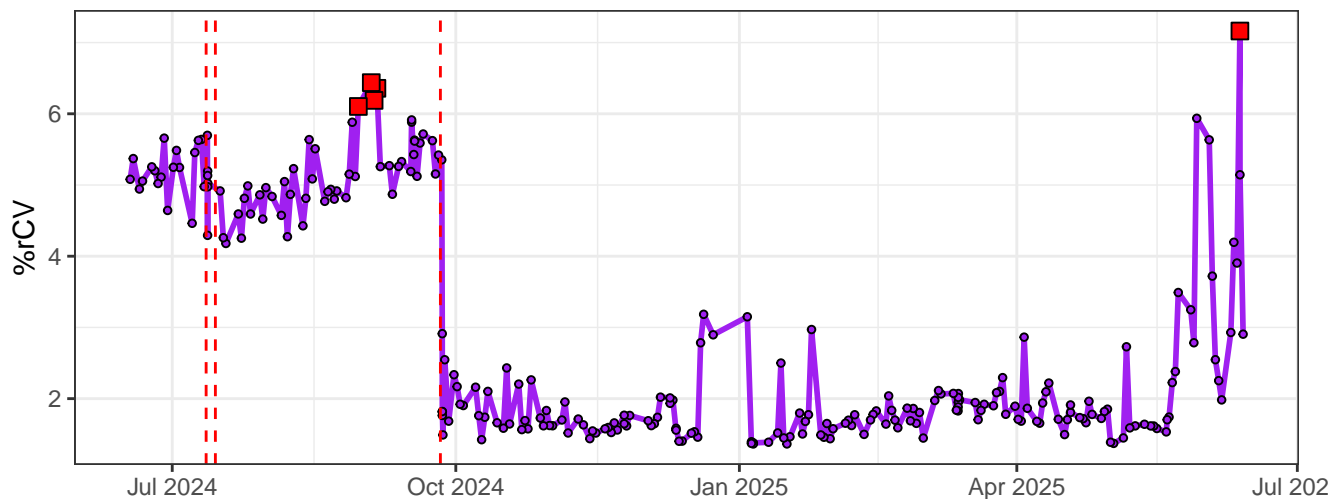
FSCAreaScalingFactor



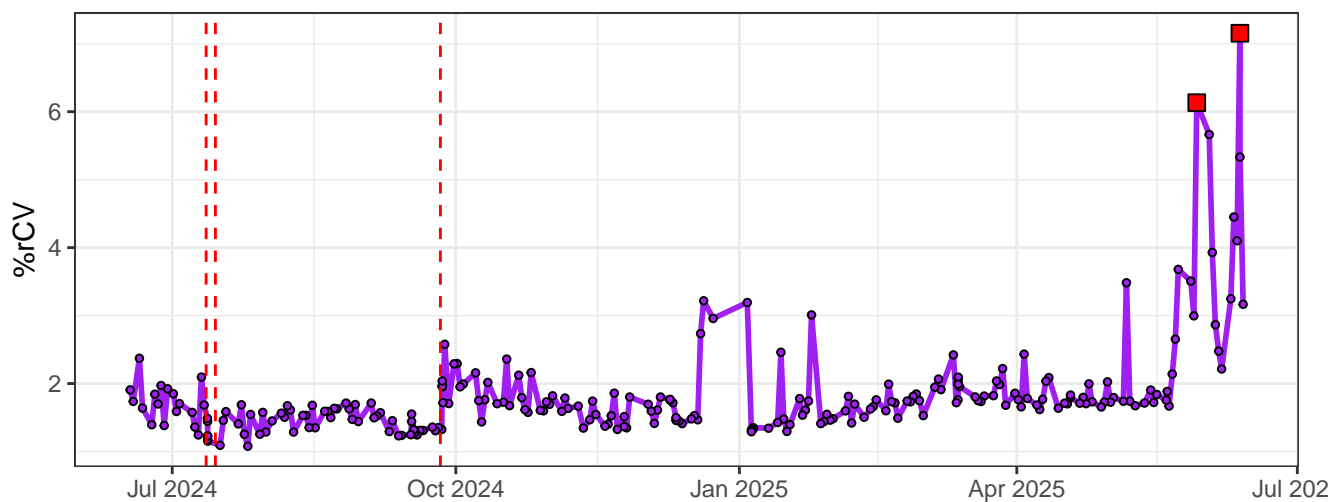
UV1-% rCV



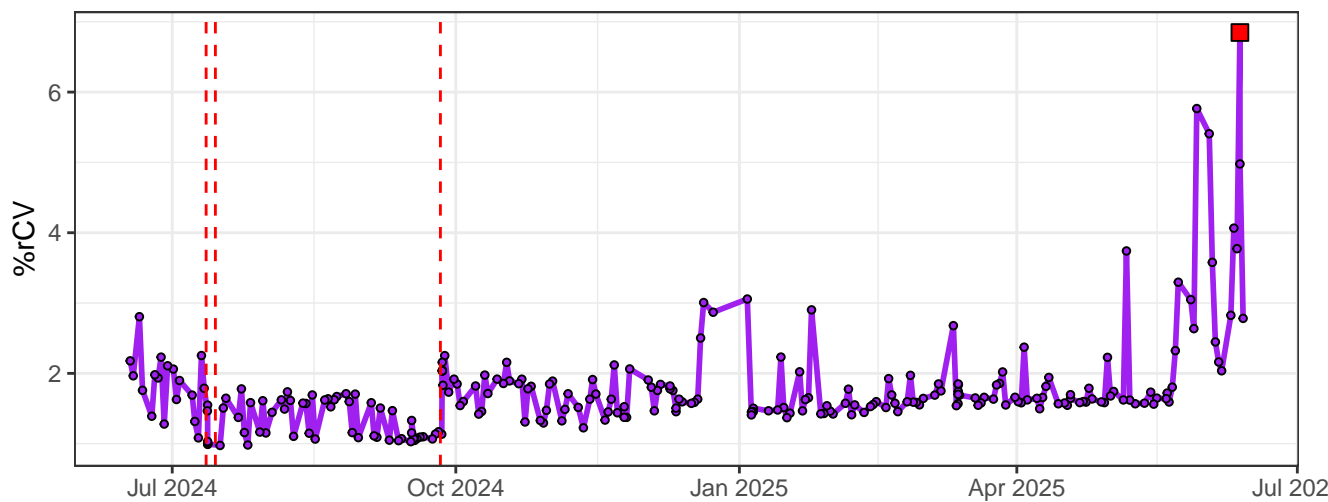
UV2-% rCV



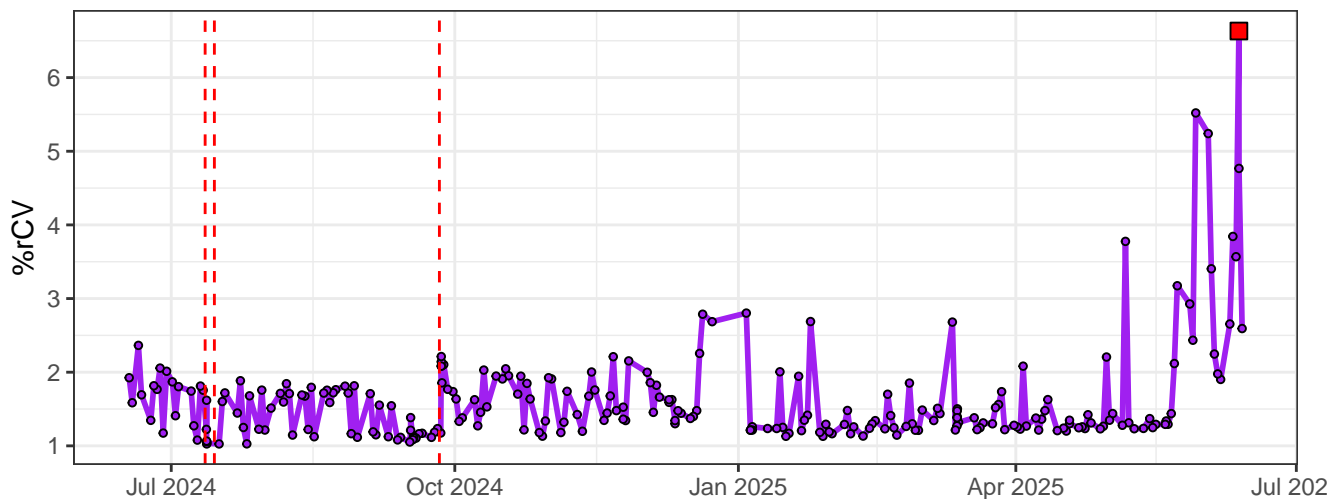
UV3-% rCV



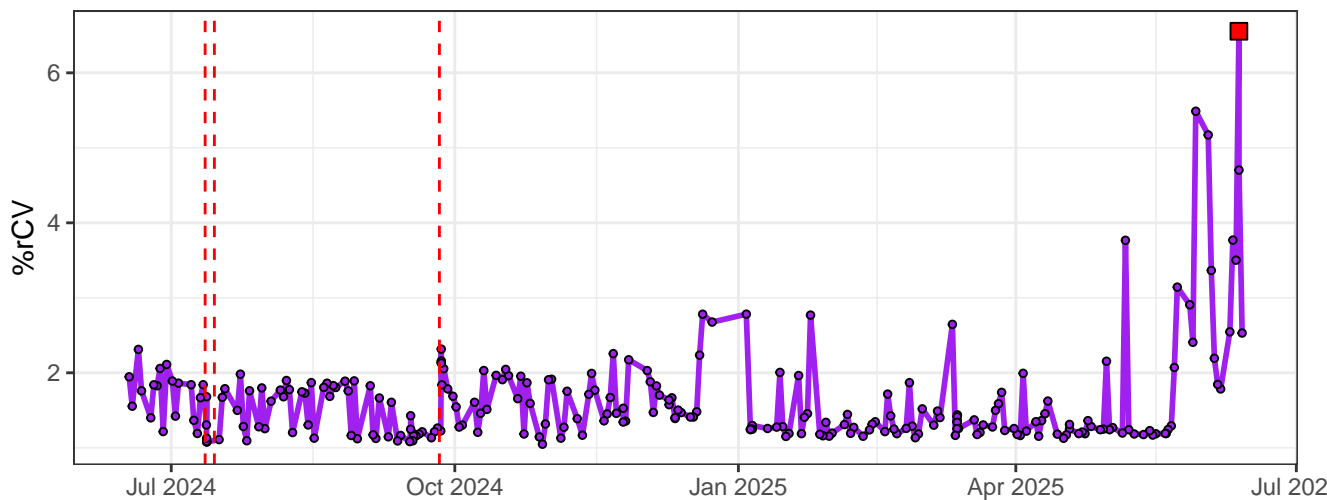
UV4-% rCV



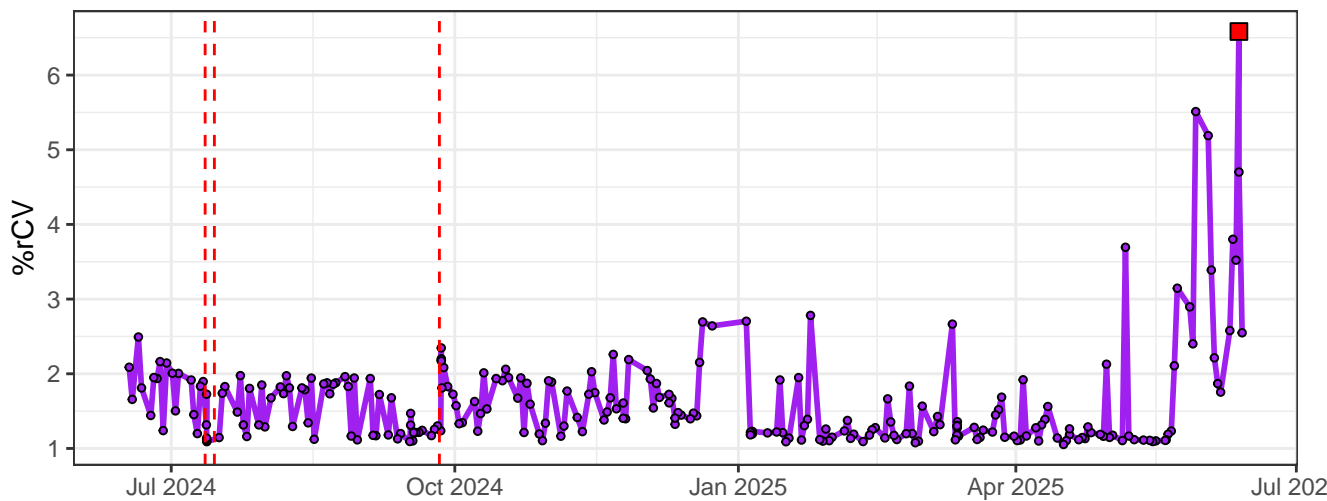
UV5-% rCV



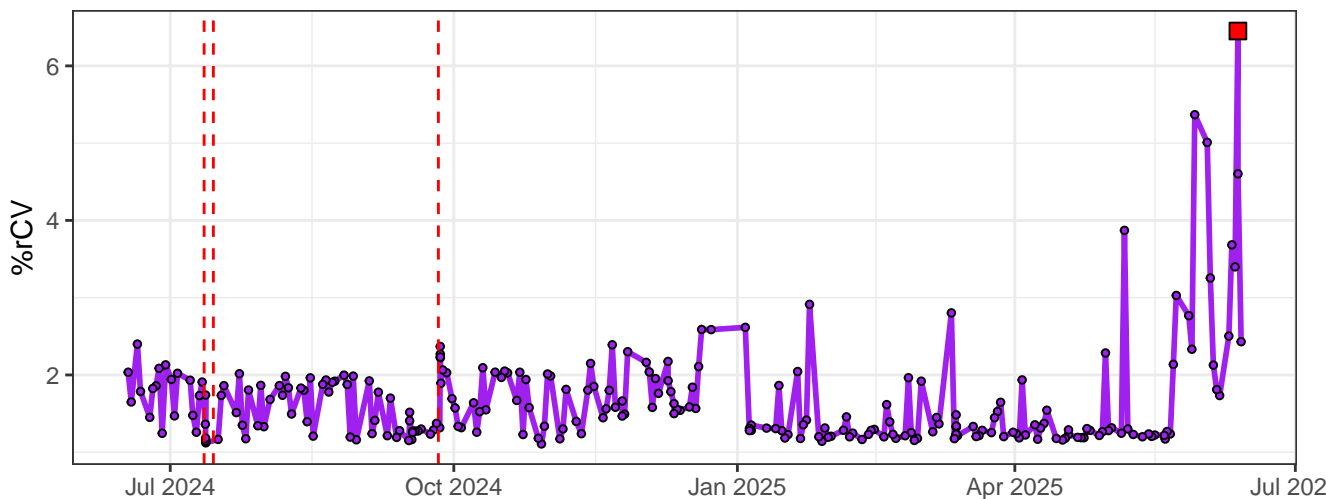
UV6-% rCV



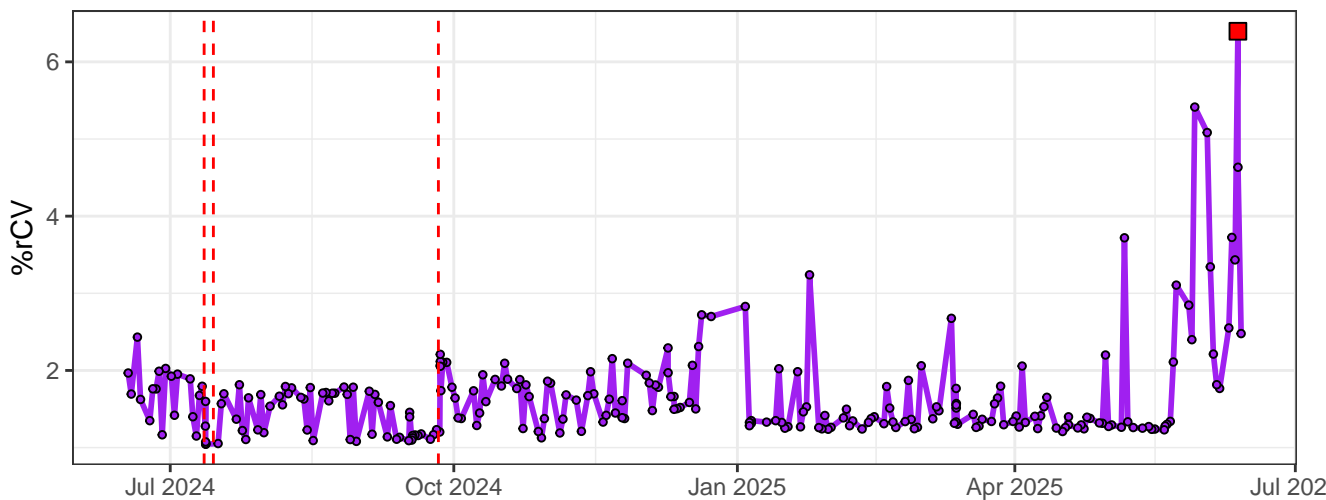
UV7-% rCV



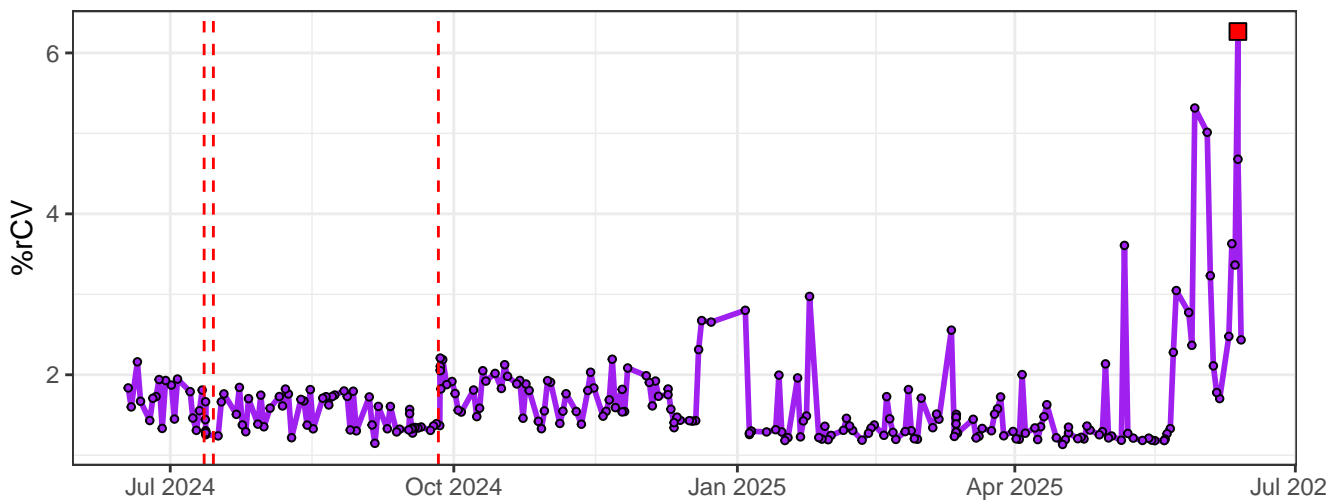
UV8-% rCV



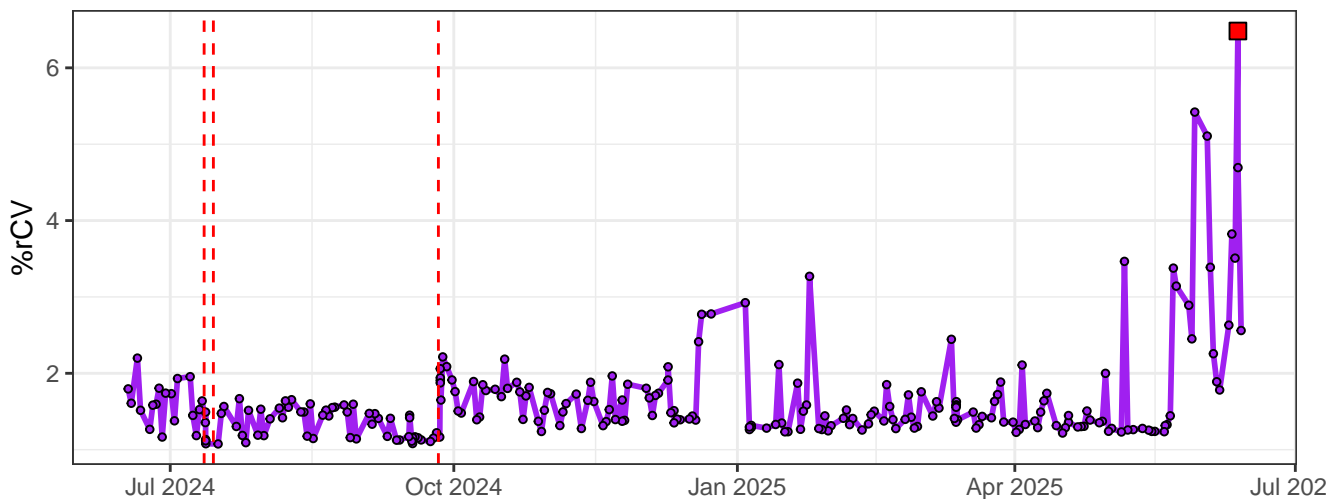
UV9-% rCV



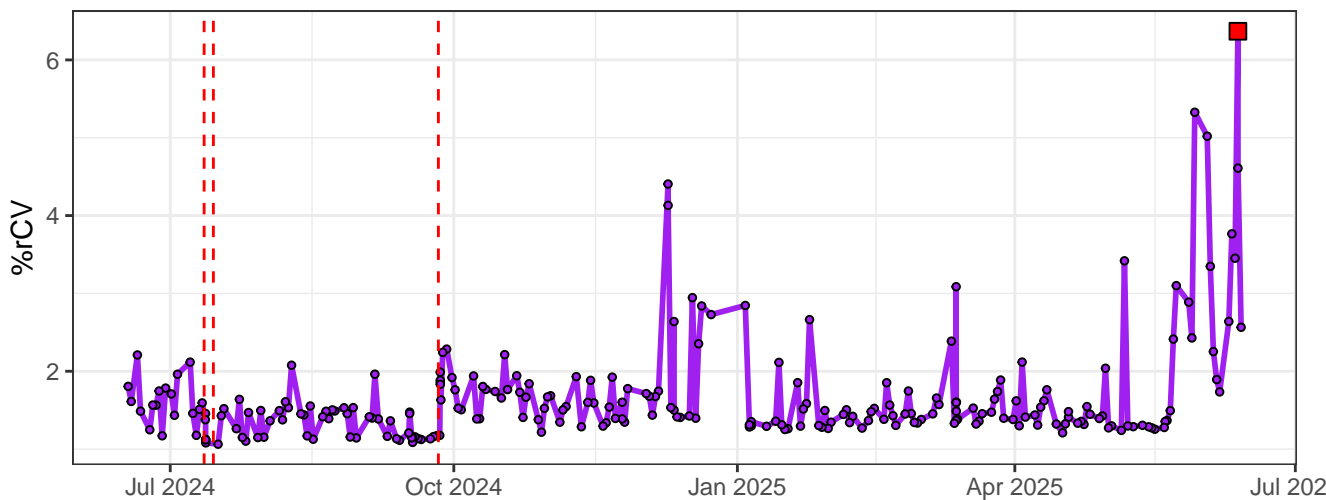
UV10-% rCV



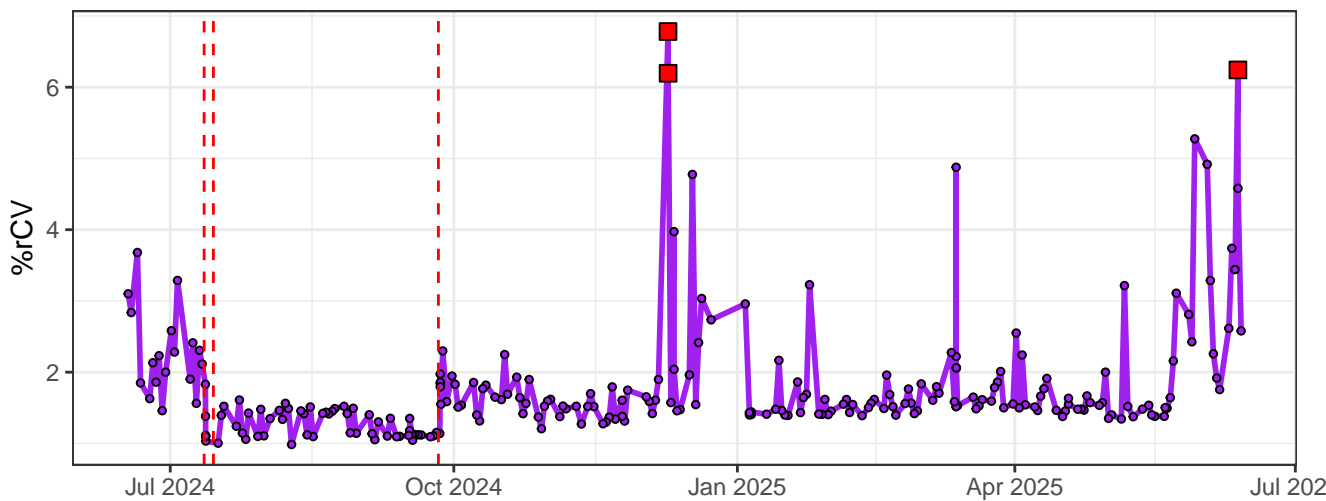
UV11-% rCV



UV12-% rCV

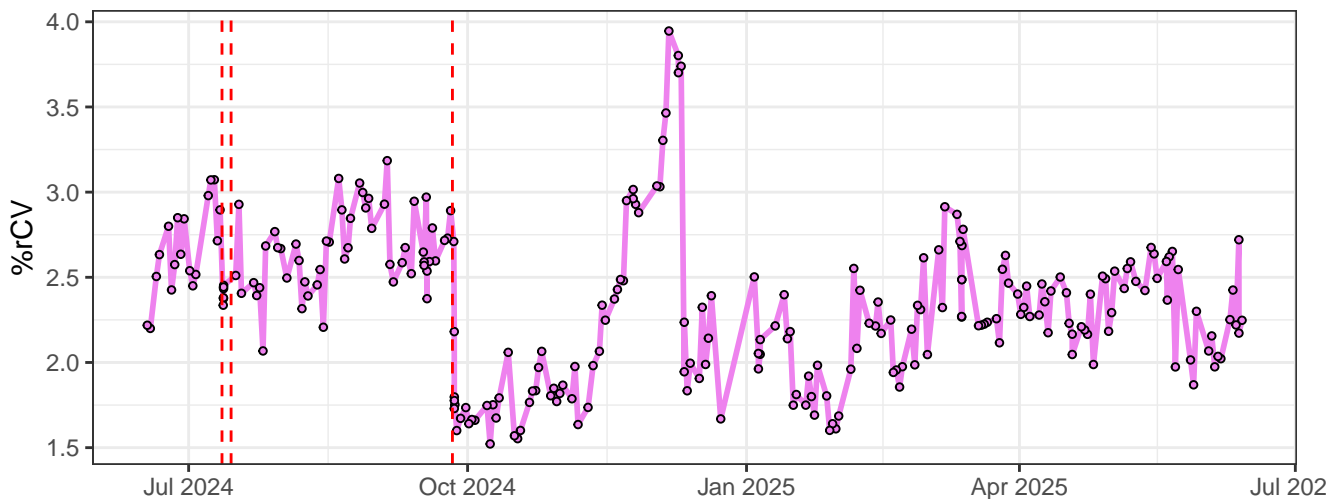


UV13-% rCV

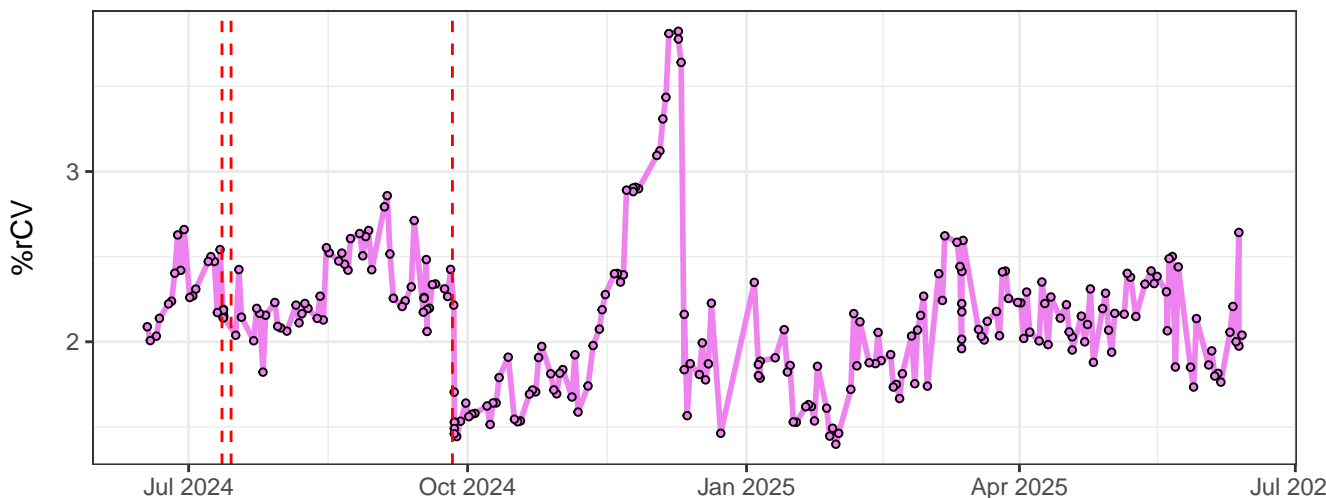


The figure is a line plot showing the daily number of COVID-19 cases in the United States from July 2023 to July 2024. The x-axis represents time, with labels for Jul 2024, Oct 2024, Jan 2025, Apr 2025, and Jul 2025. The y-axis represents the number of cases, with a grid but no numerical labels. The plot features a purple line with circular markers for daily data and red square markers for weekly averages. Two vertical dashed red lines indicate the dates of the first and second waves. The first wave peaks in late 2023, and the second wave peaks in early 2024.

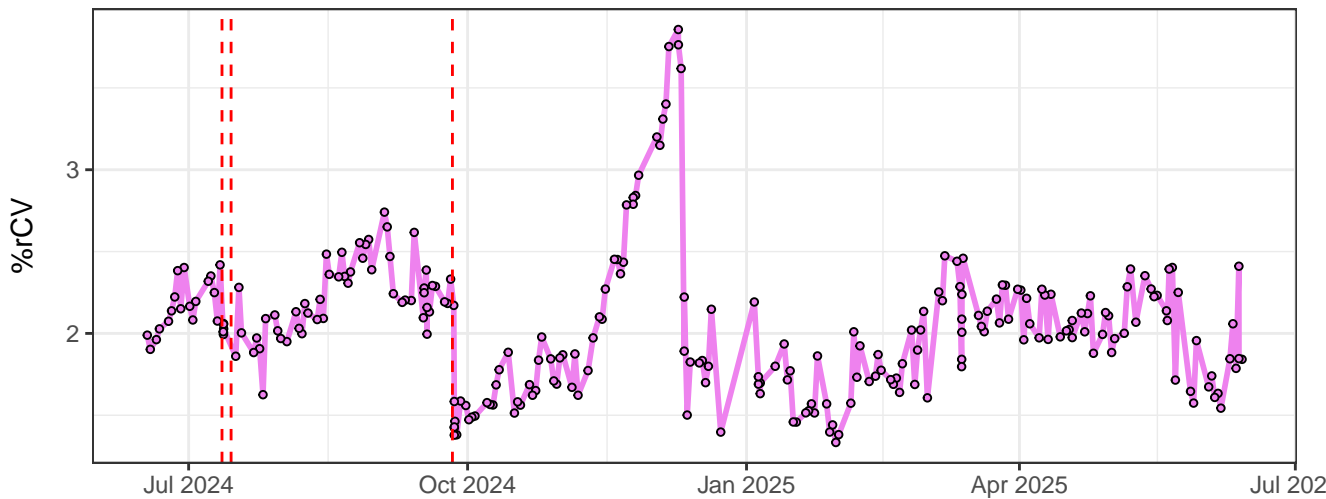
V1-% rCV



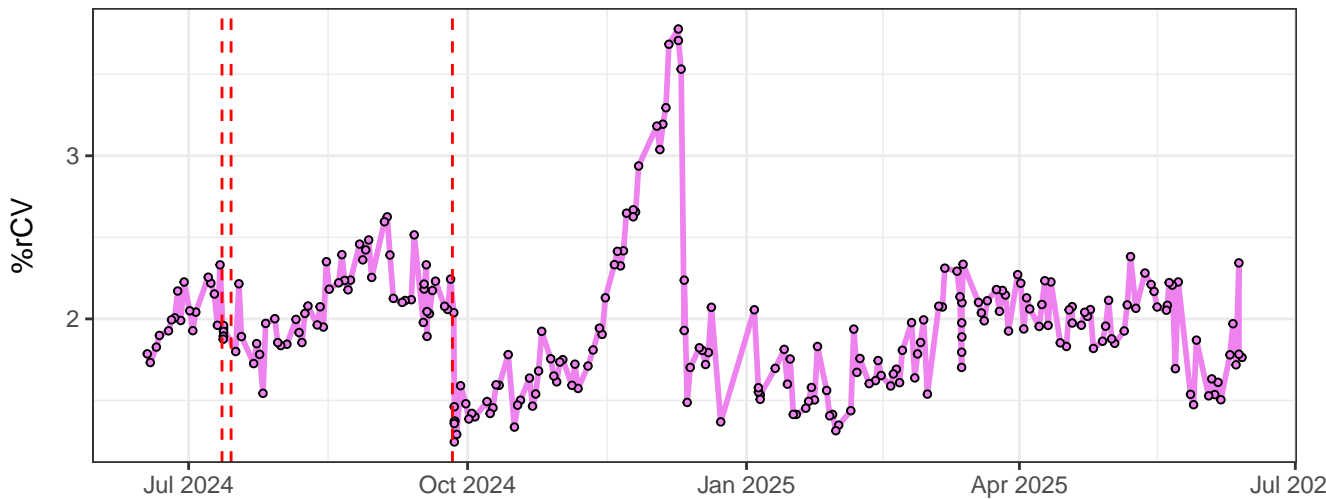
V2-% rCV



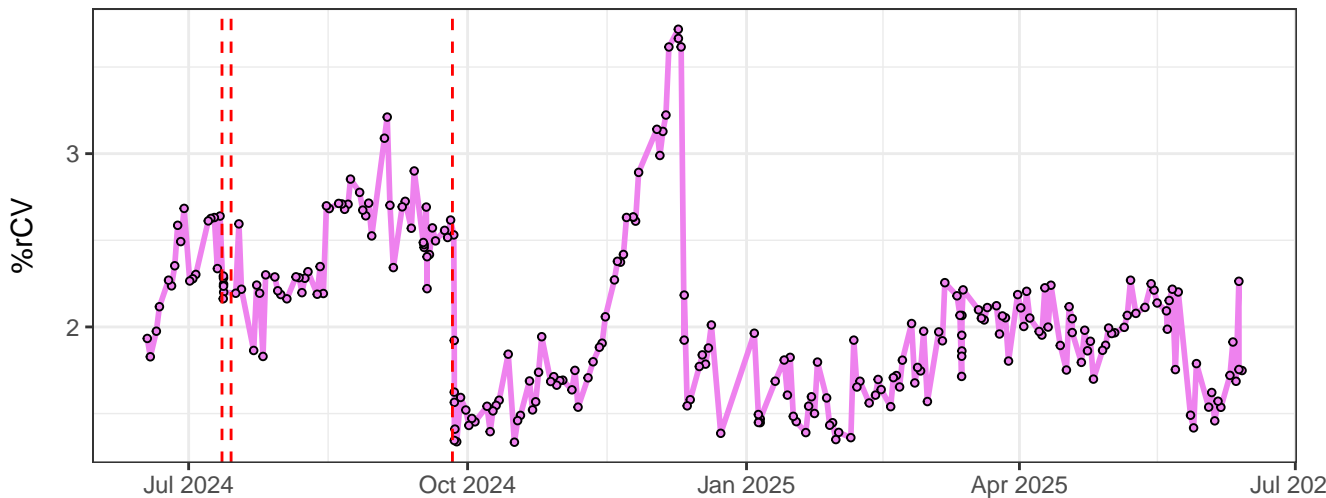
V3-% rCV



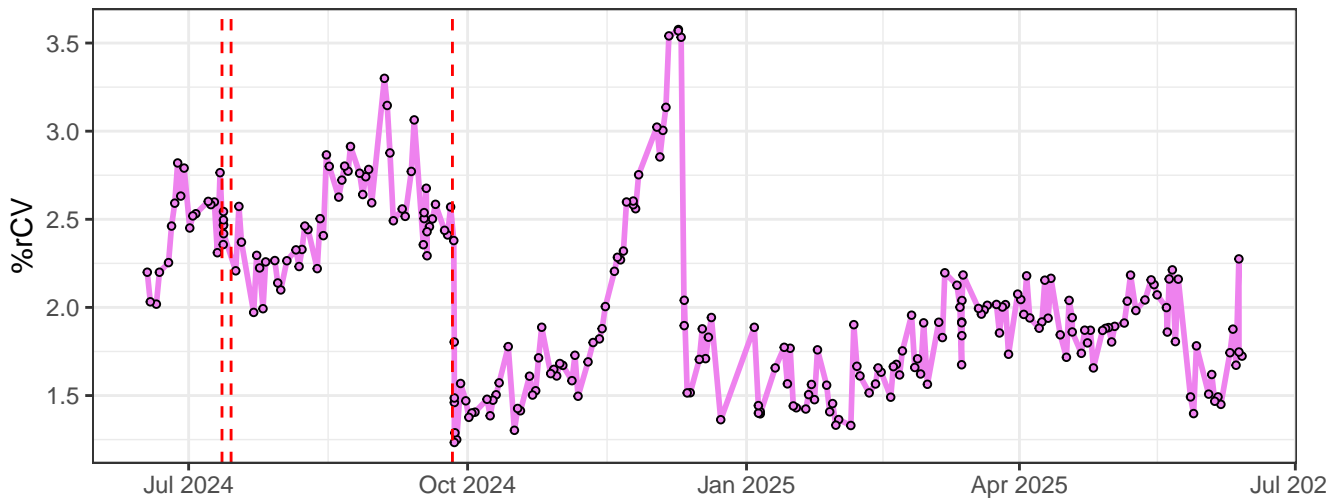
V4-% rCV



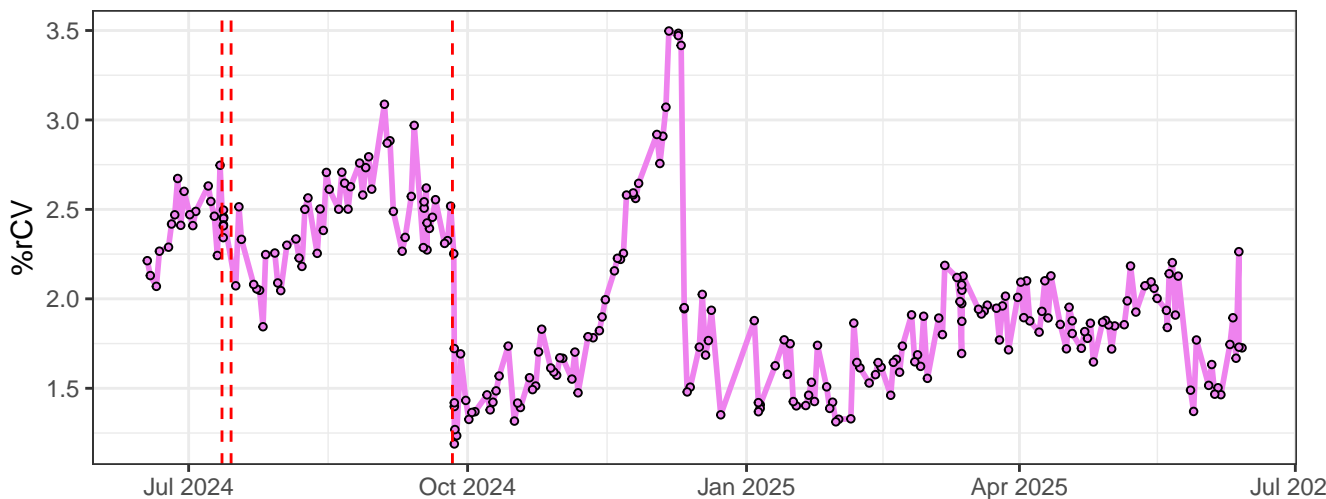
V5-% rCV



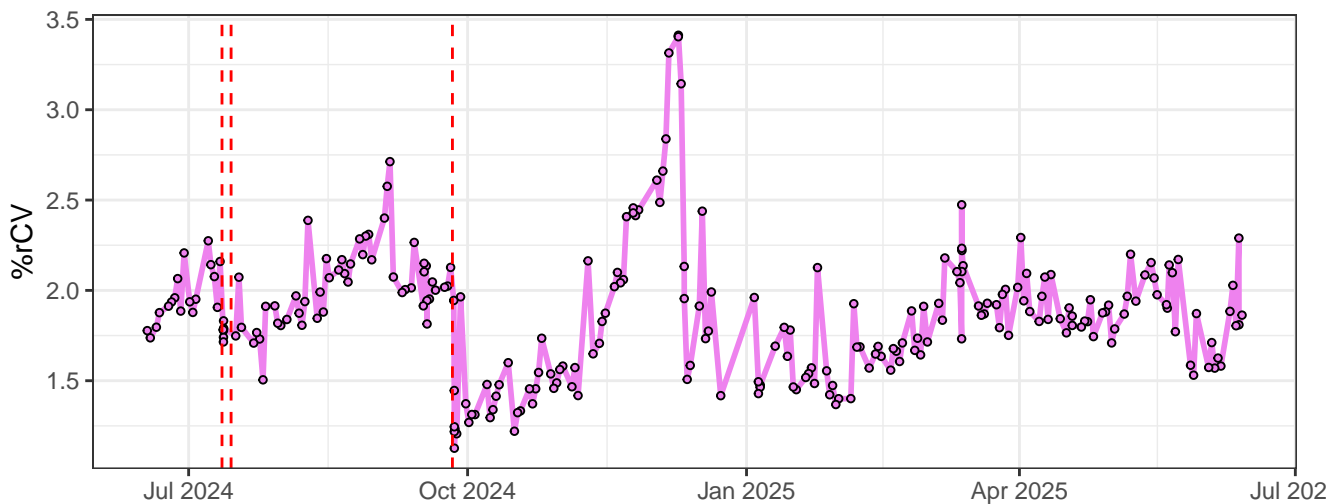
V6-% rCV



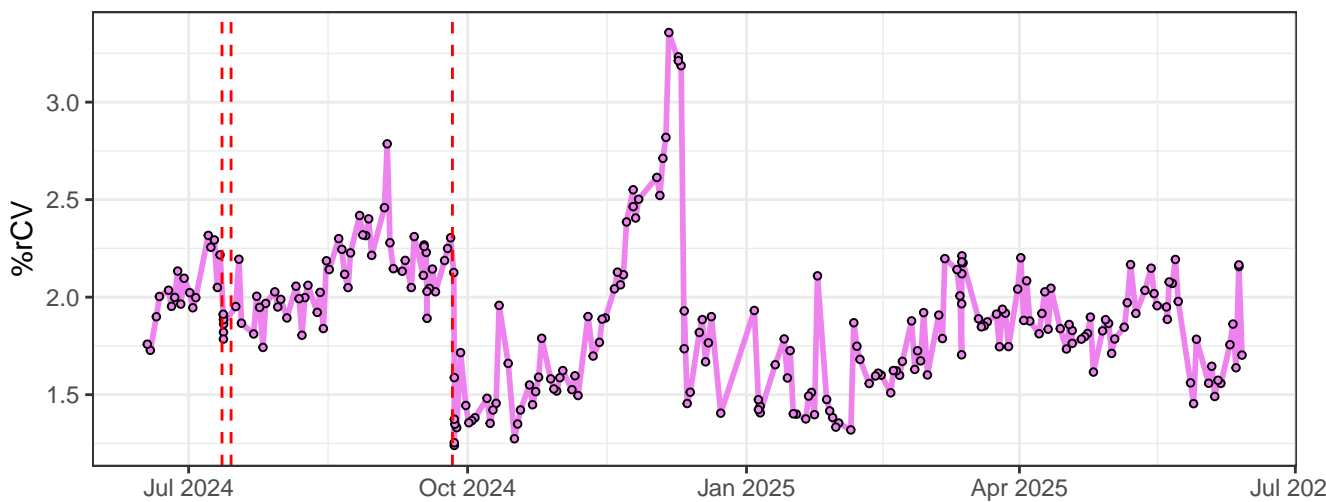
V7-% rCV



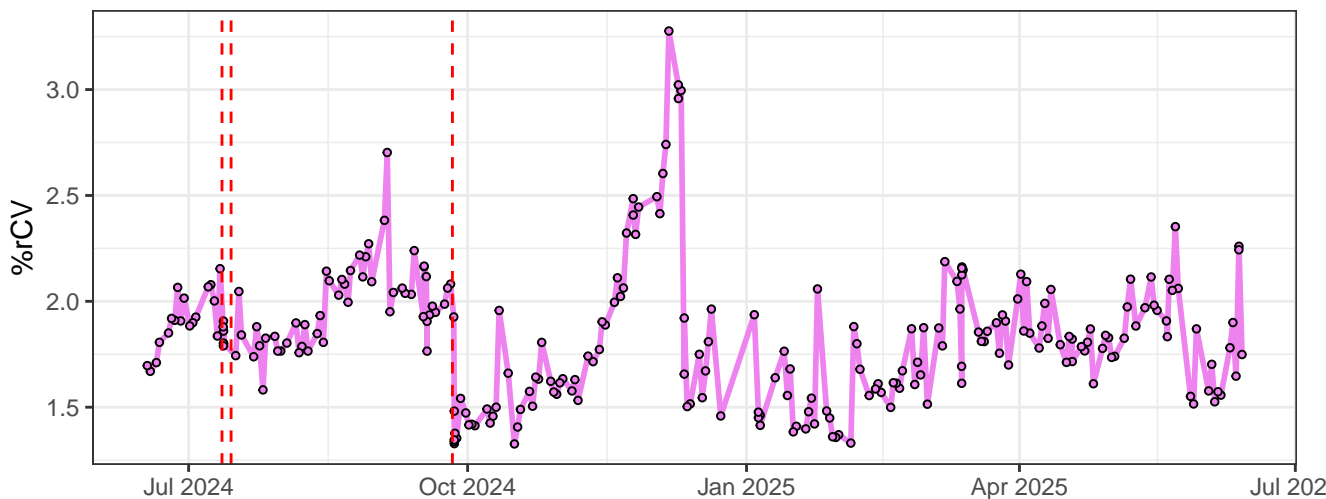
V8-% rCV



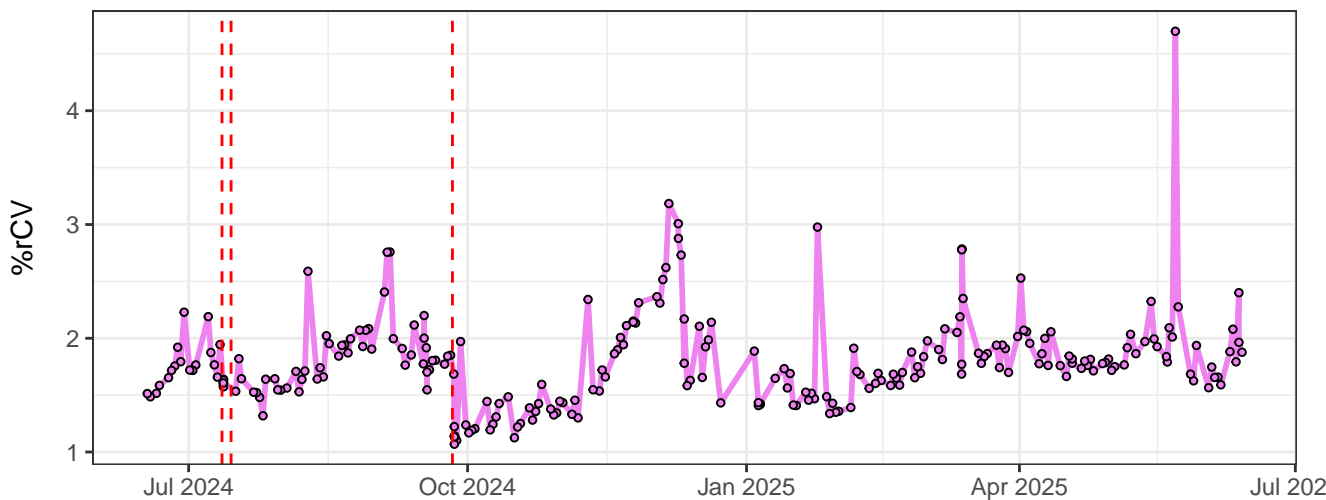
V9-% rCV



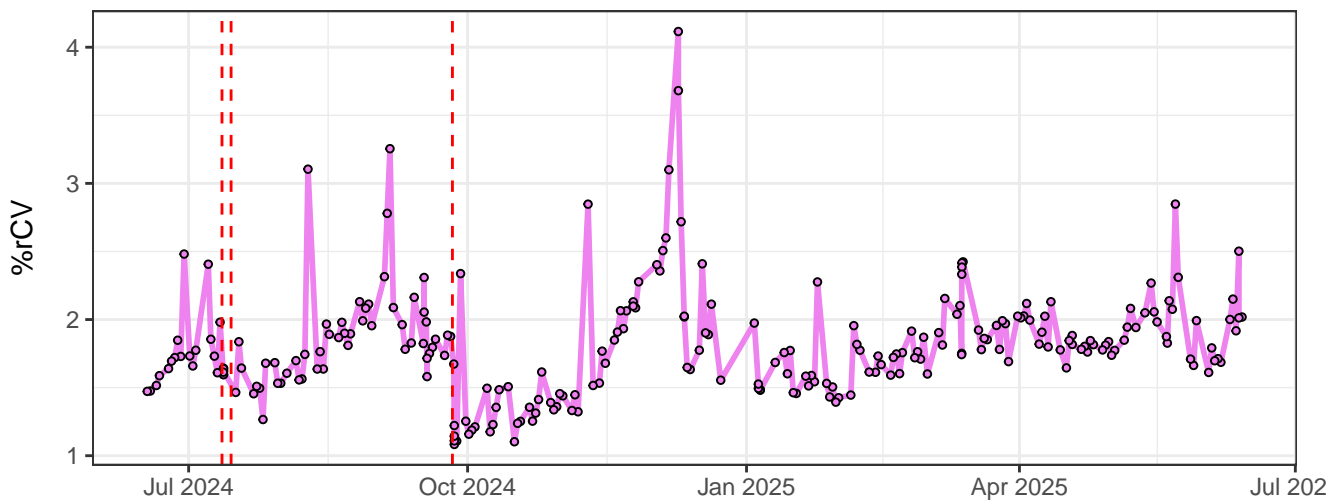
V10-% rCV



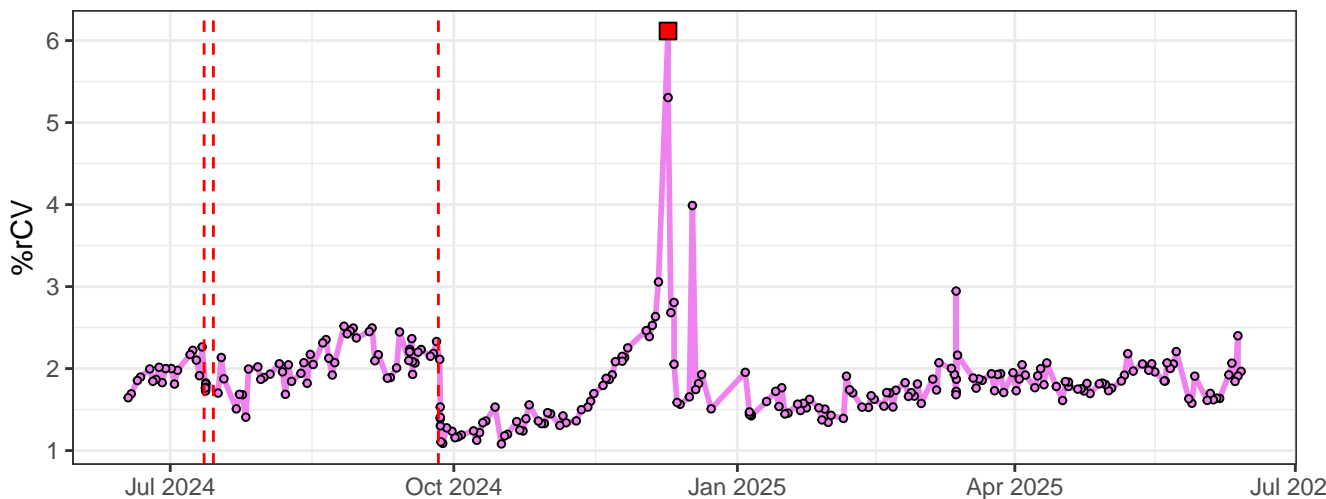
V11-% rCV



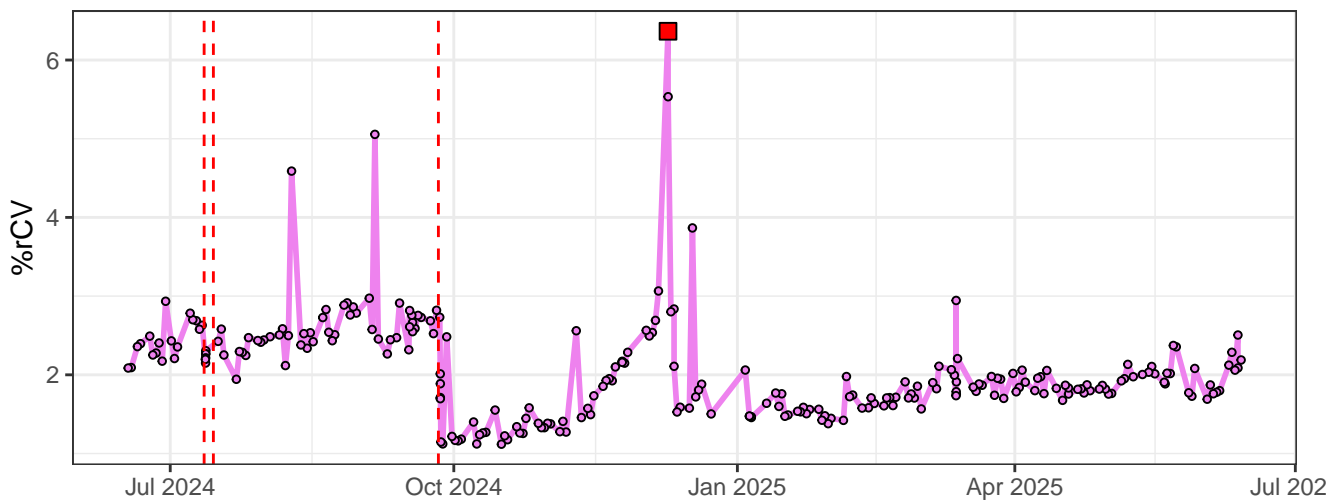
V12-% rCV



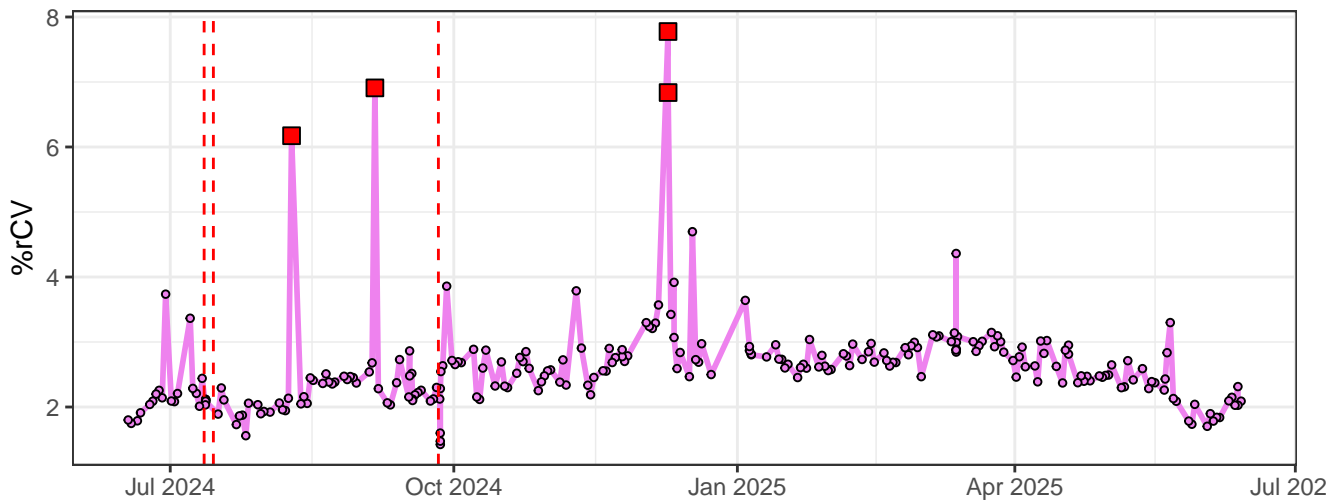
V13-% rCV



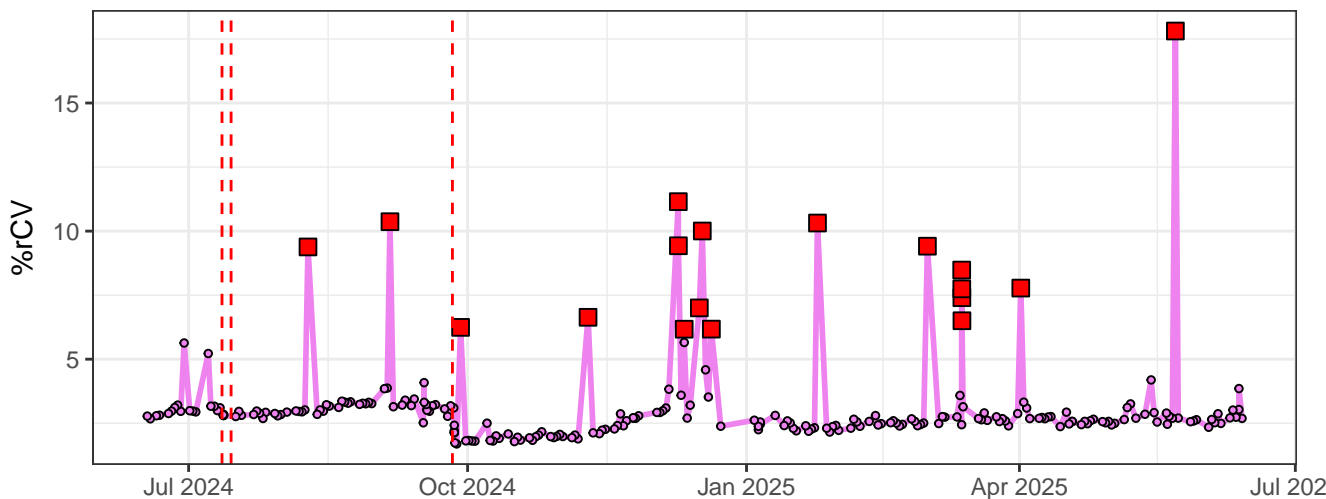
V14-% rCV



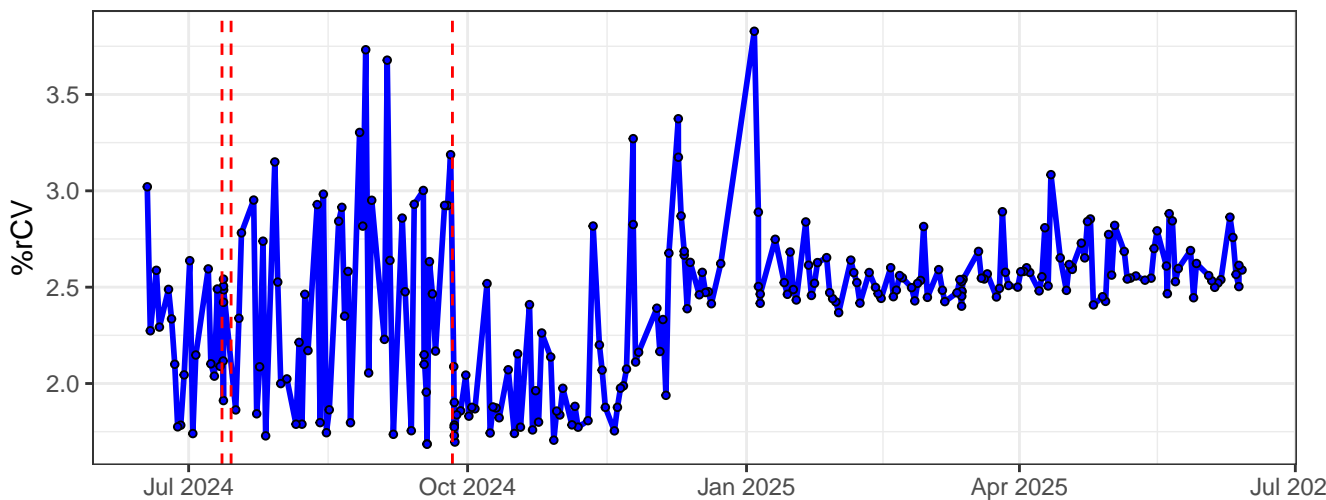
V15-% rCV



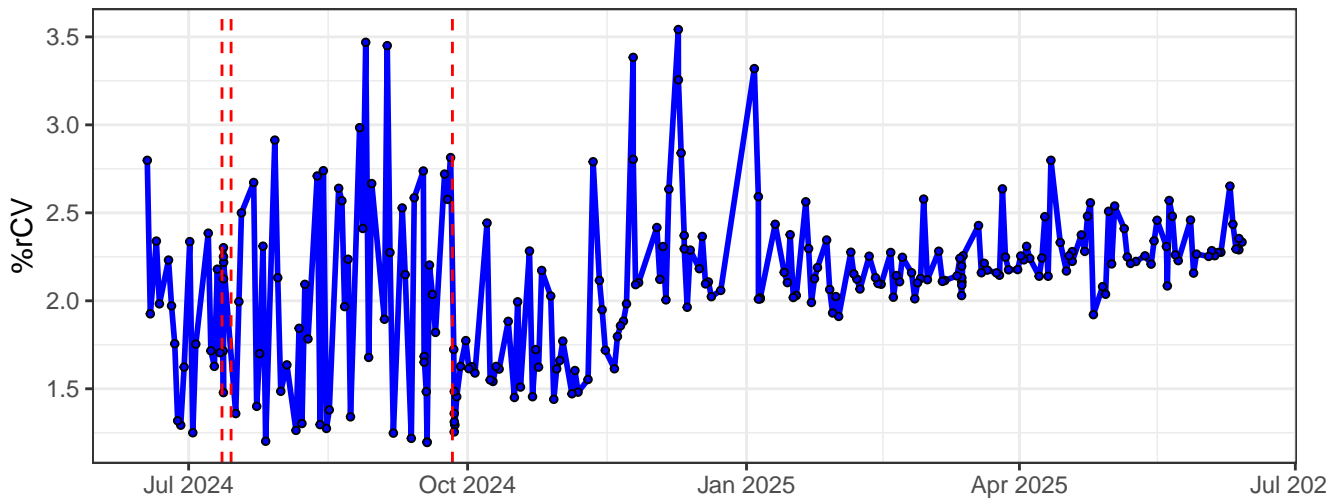
V16-% rCV



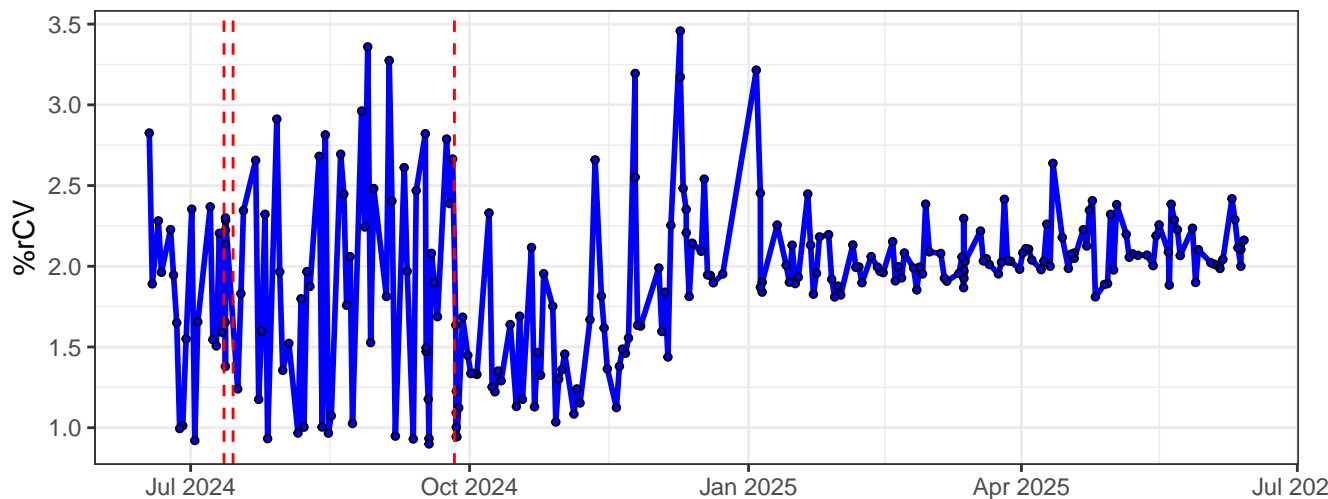
B1-% rCV



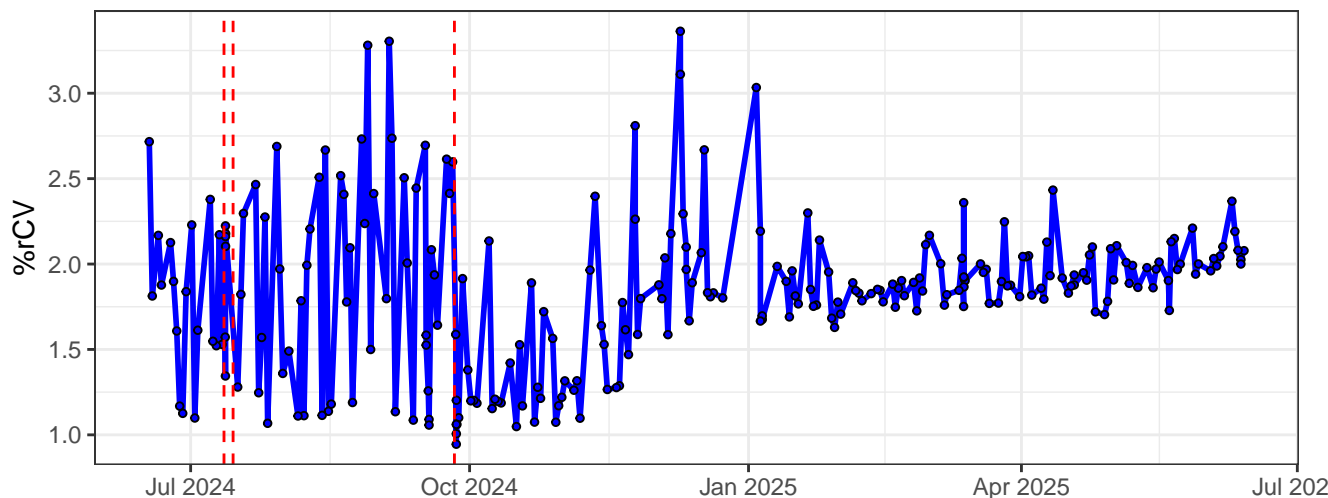
B2-% rCV



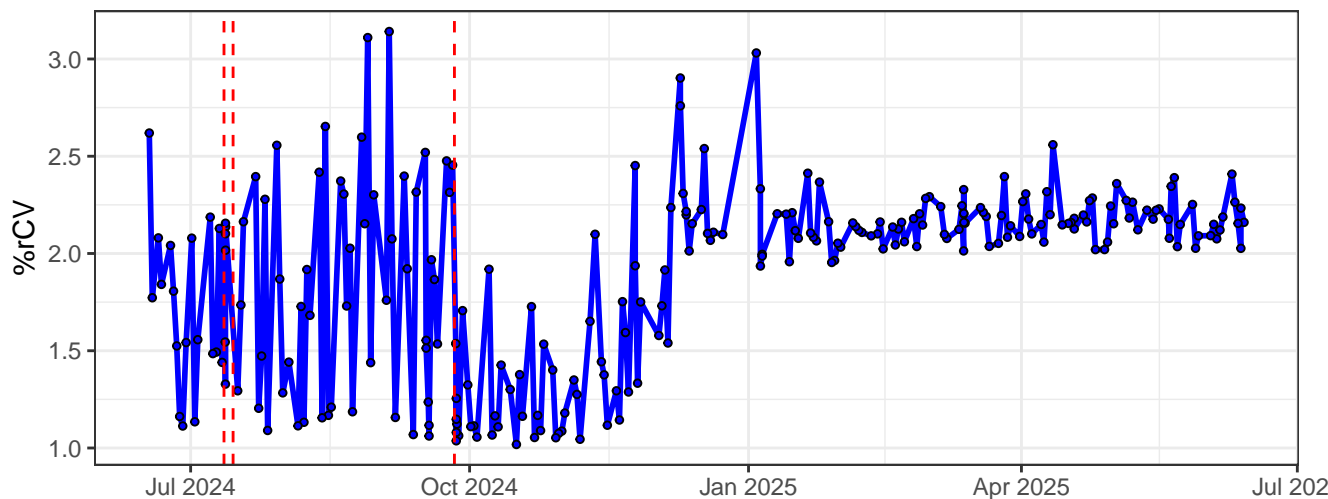
B3-% rCV



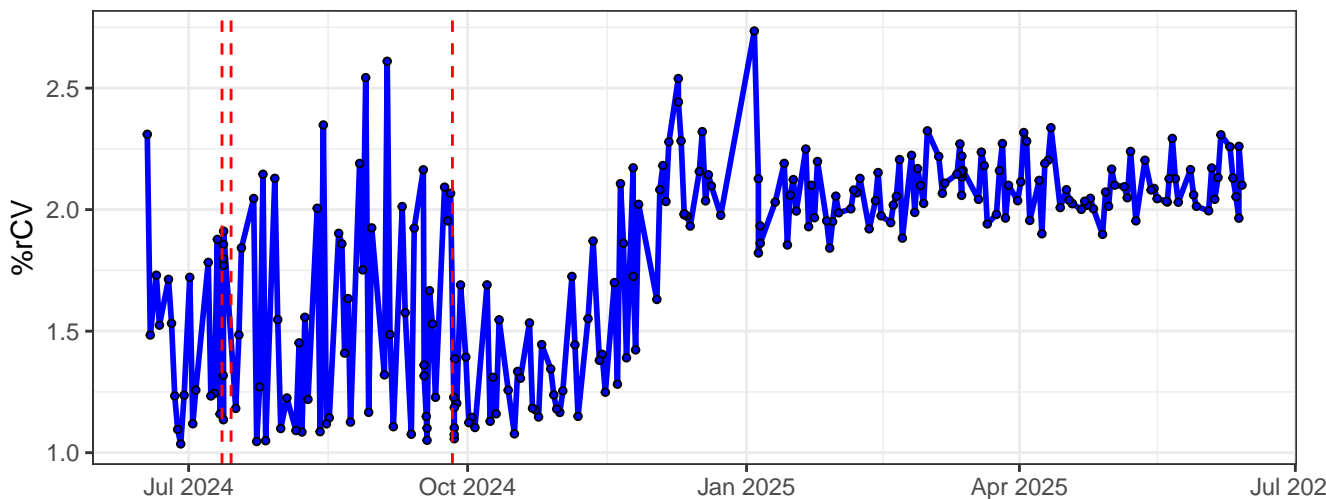
B4-% rCV



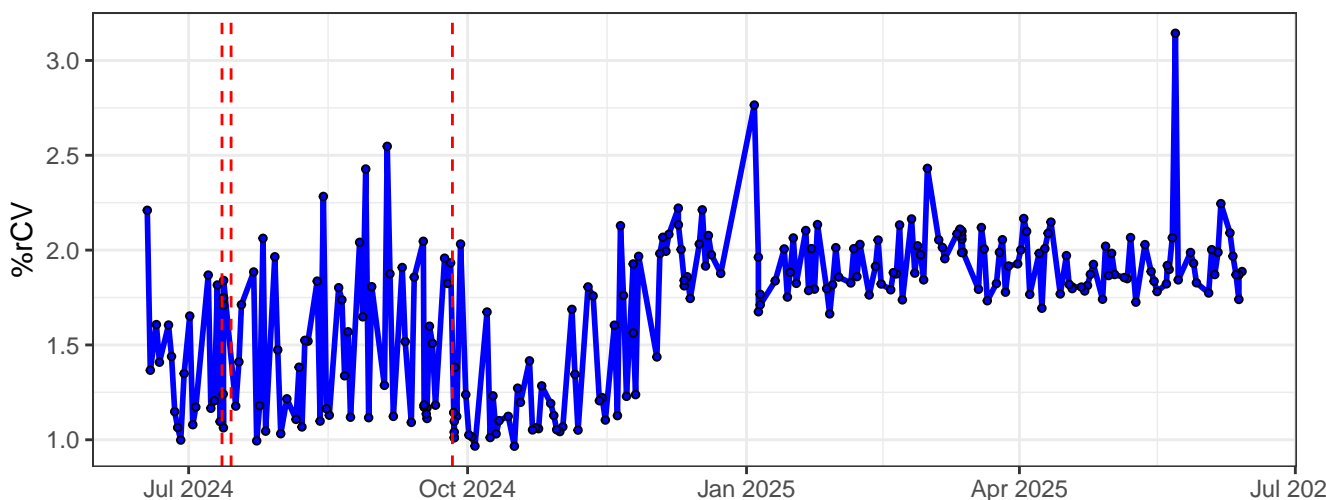
B5-% rCV



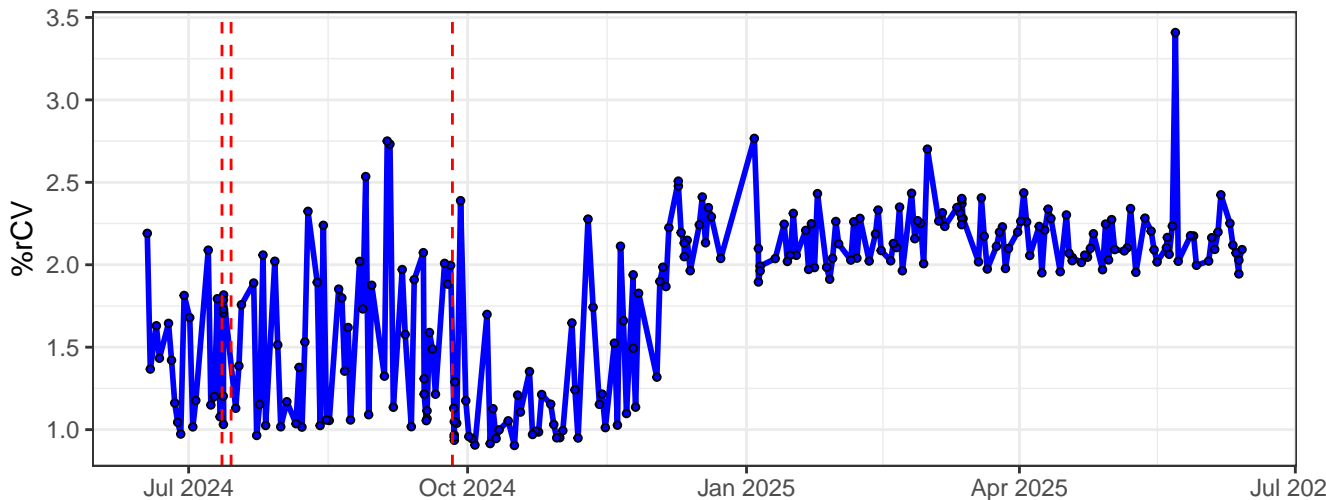
B6-% rCV



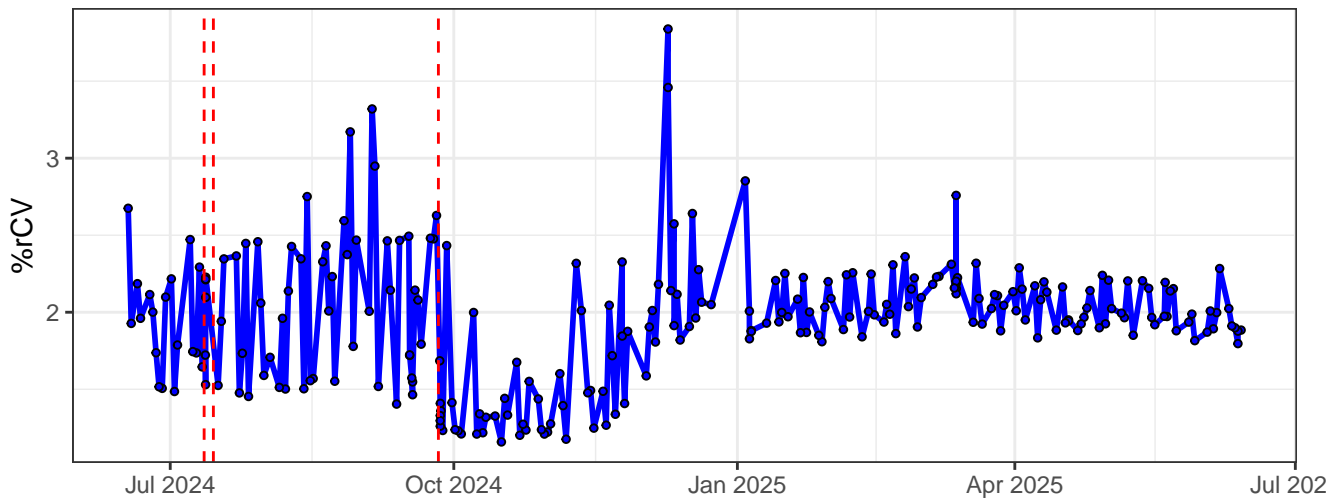
B7-% rCV



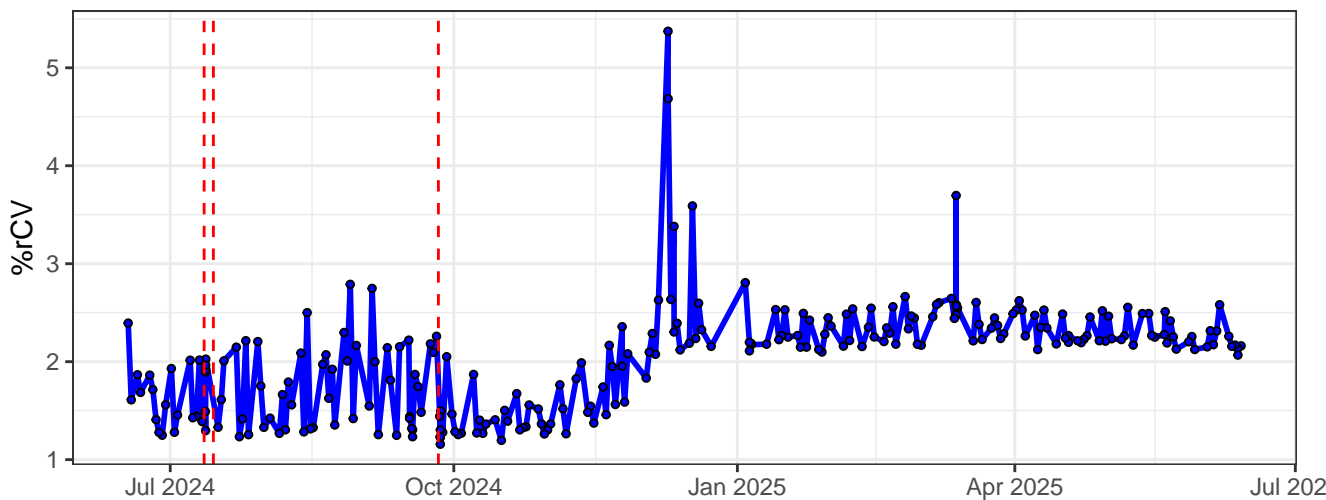
B8-% rCV



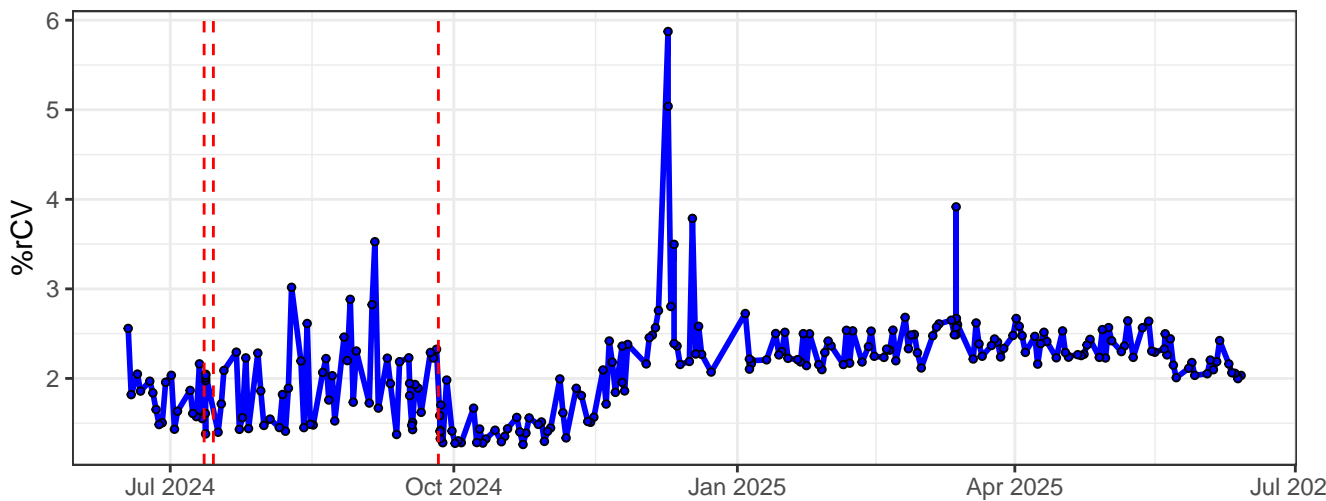
B9-% rCV



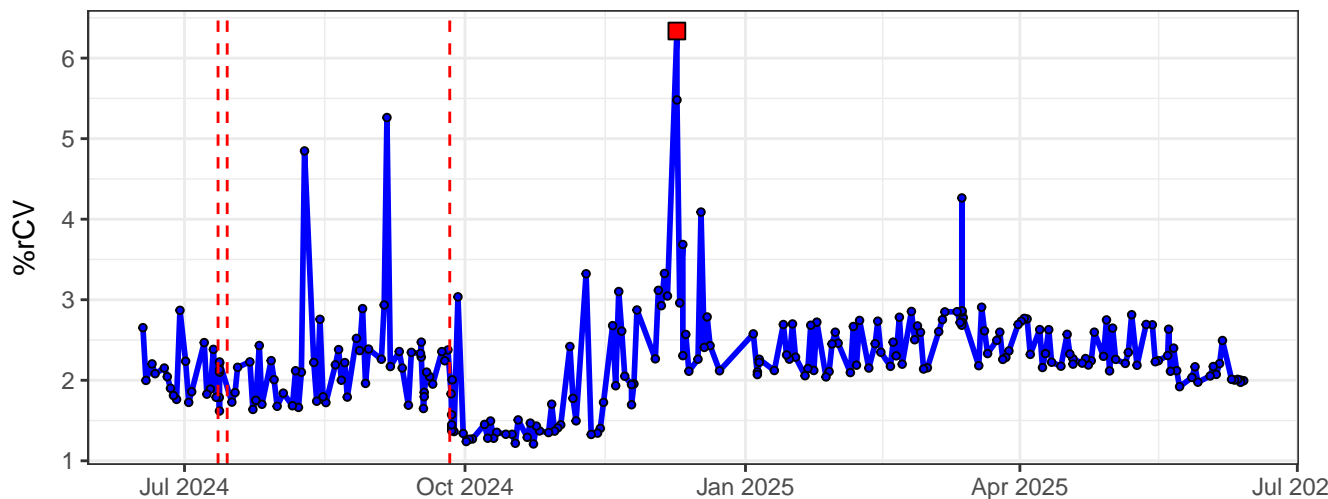
B10-% rCV



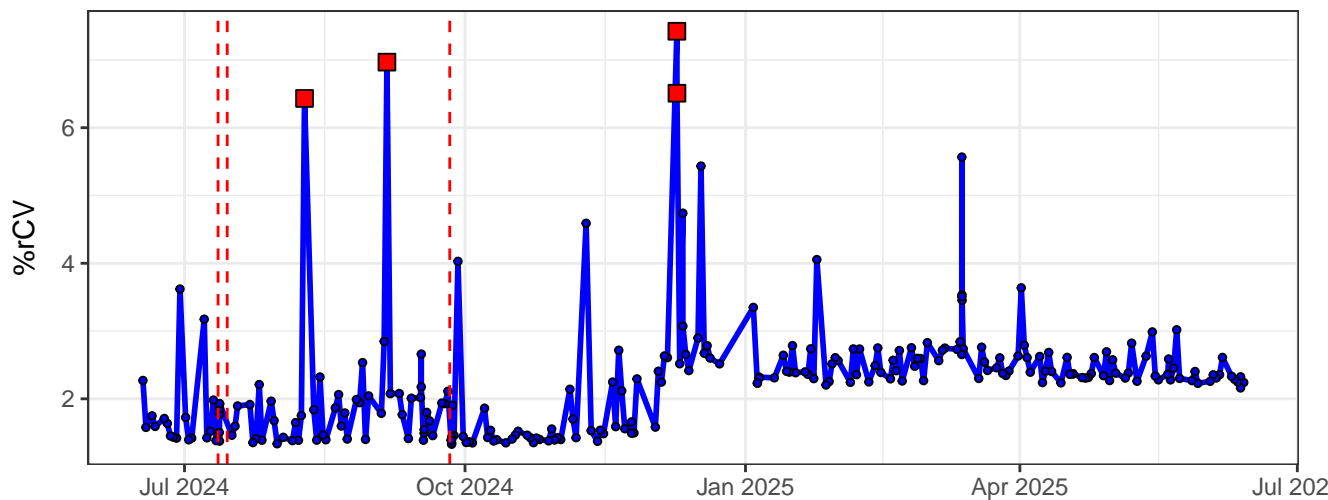
B11-% rCV



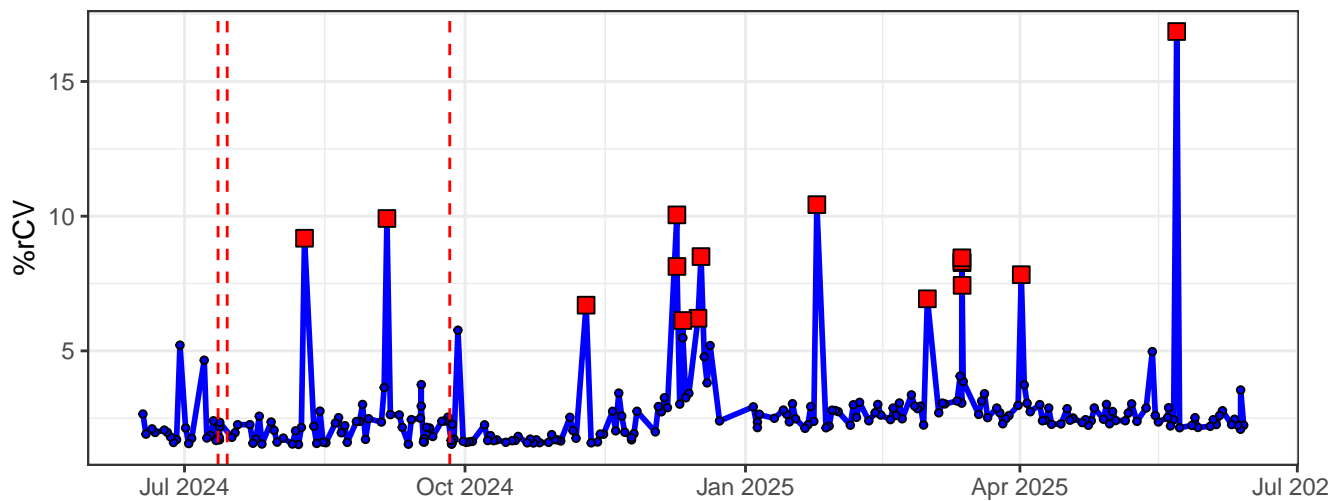
B12-% rCV



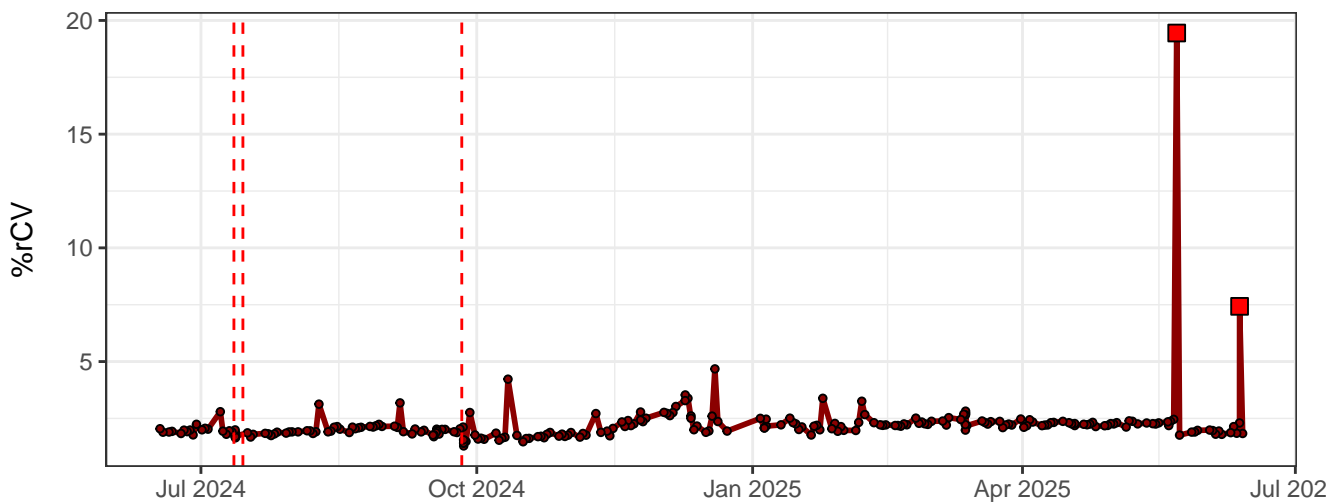
B13-% rCV



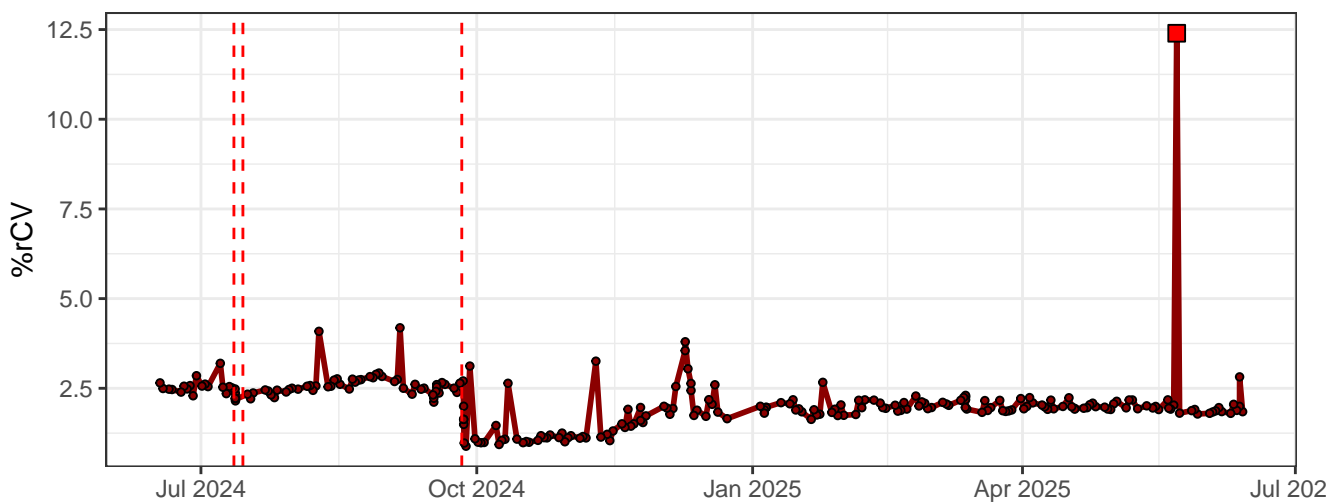
B14-% rCV



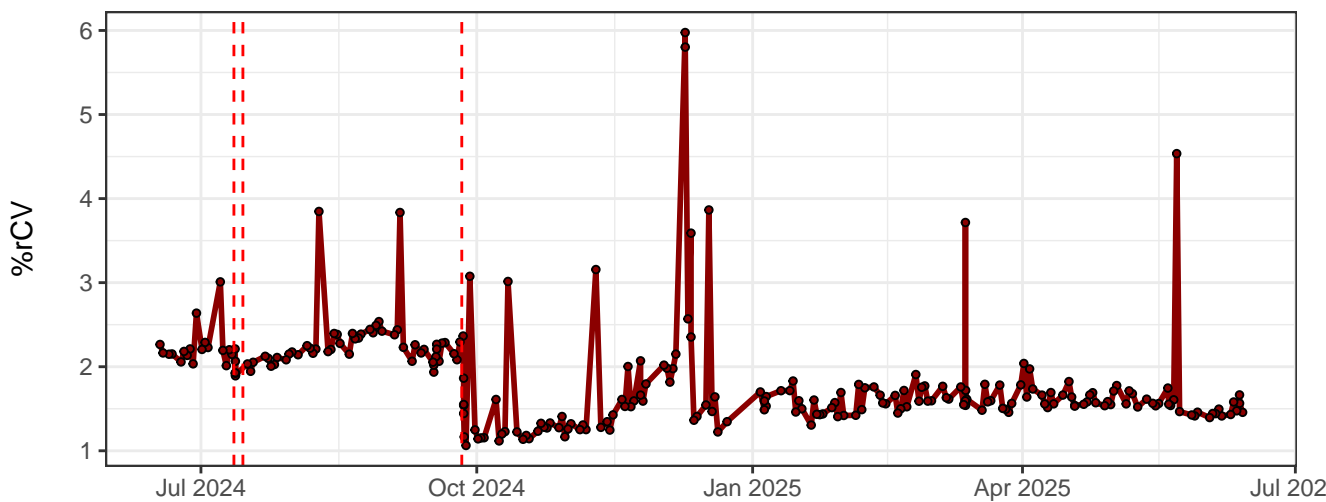
R1-% rCV



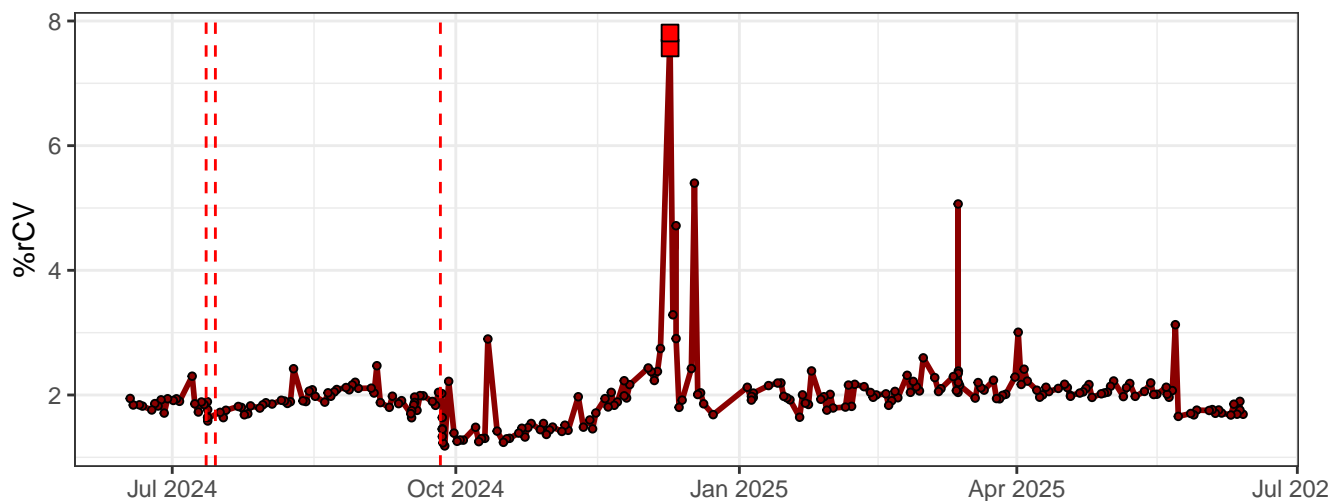
R2-% rCV



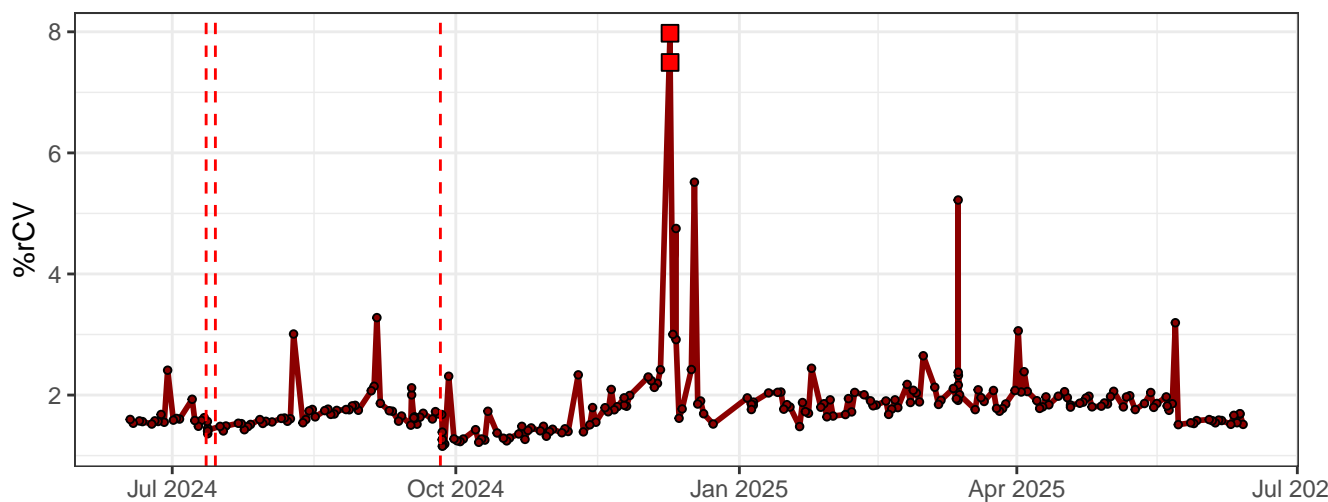
R3-% rCV



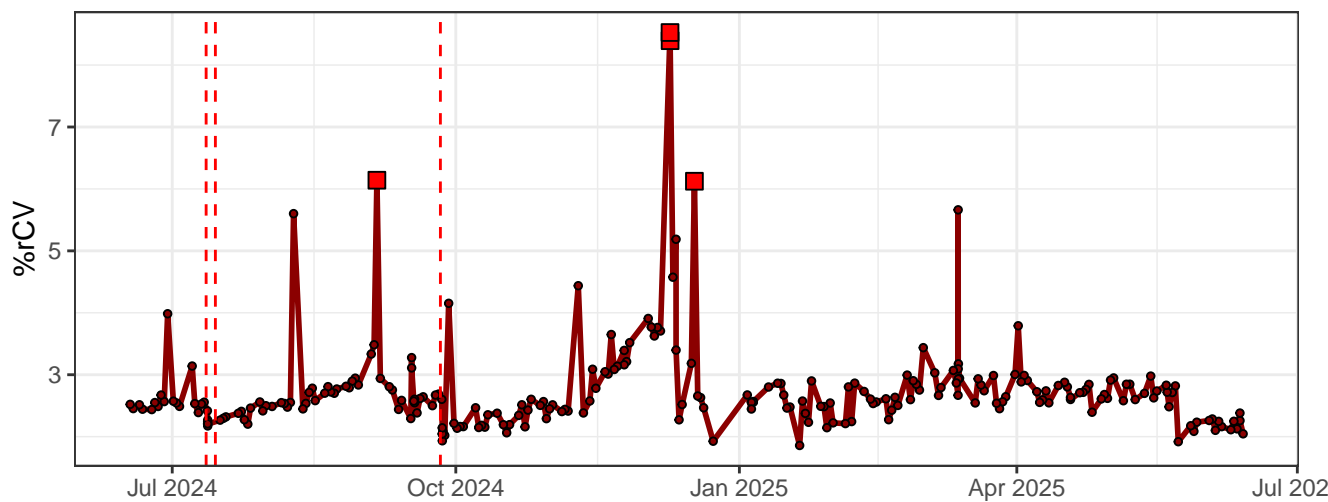
R4-% rCV



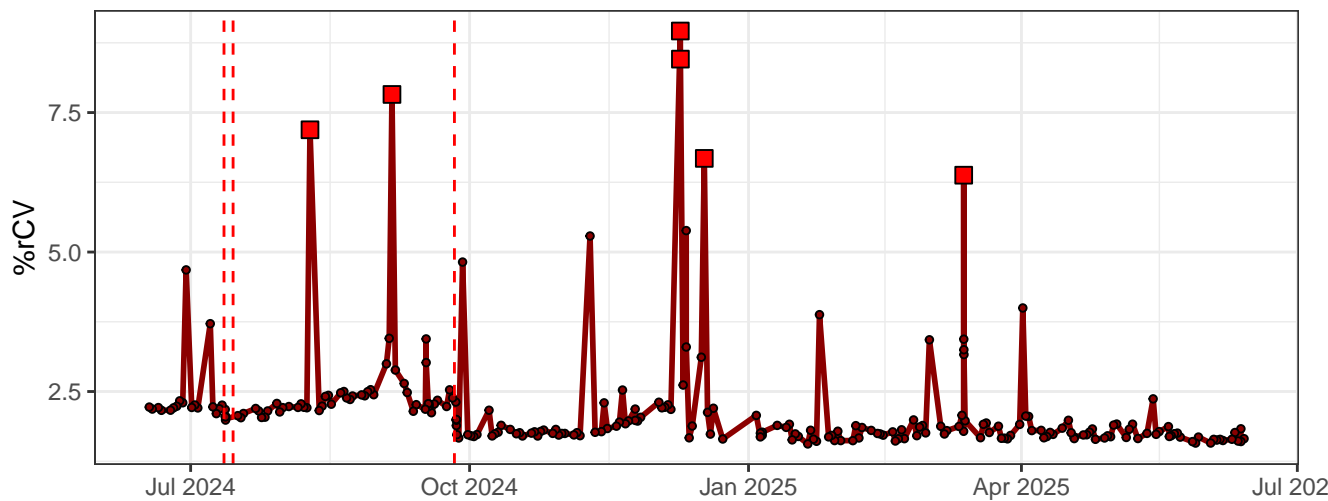
R5-% rCV



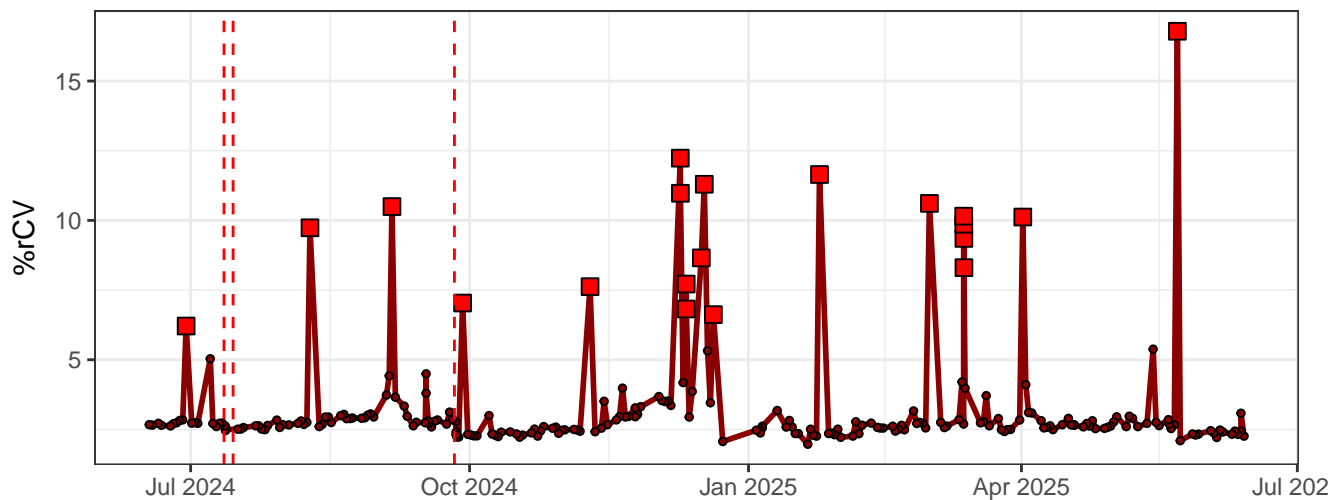
R6-% rCV



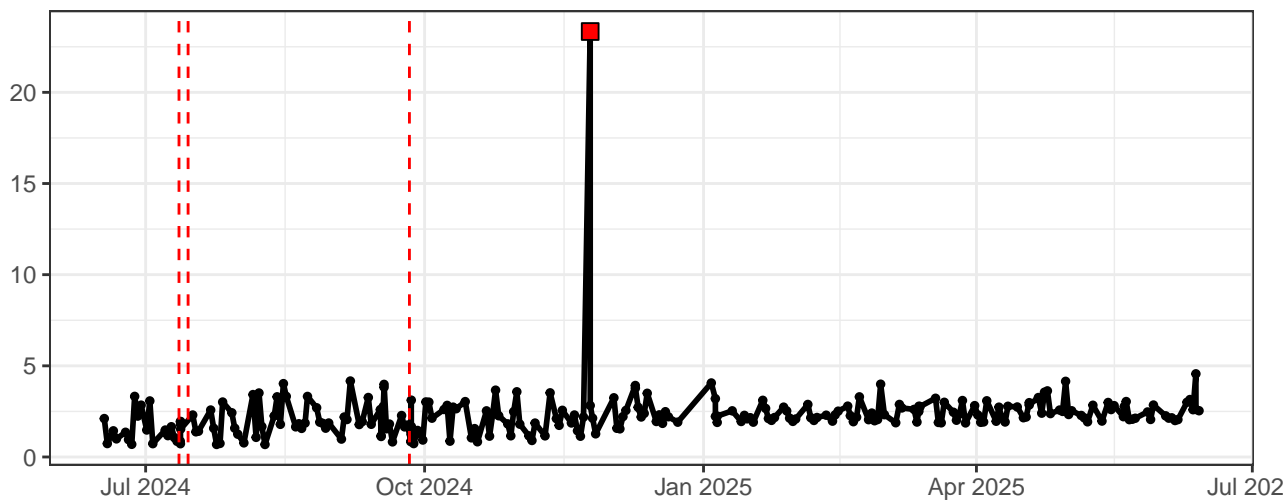
R7-% rCV



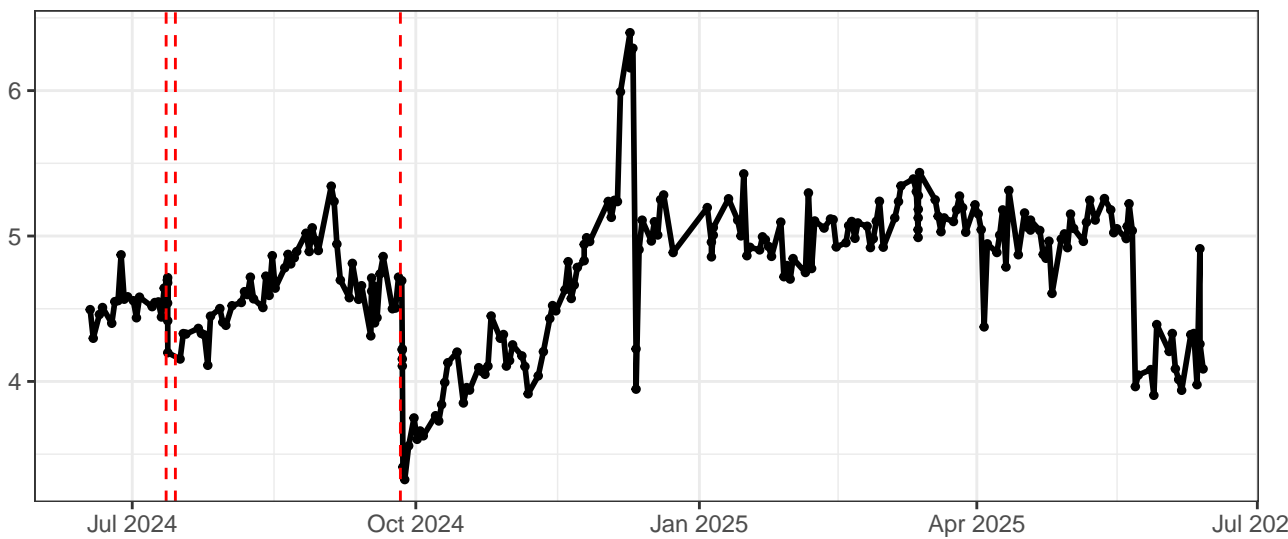
R8-% rCV



FSC-% rCV



SSC-% rCV



SSC-B-% rCV

