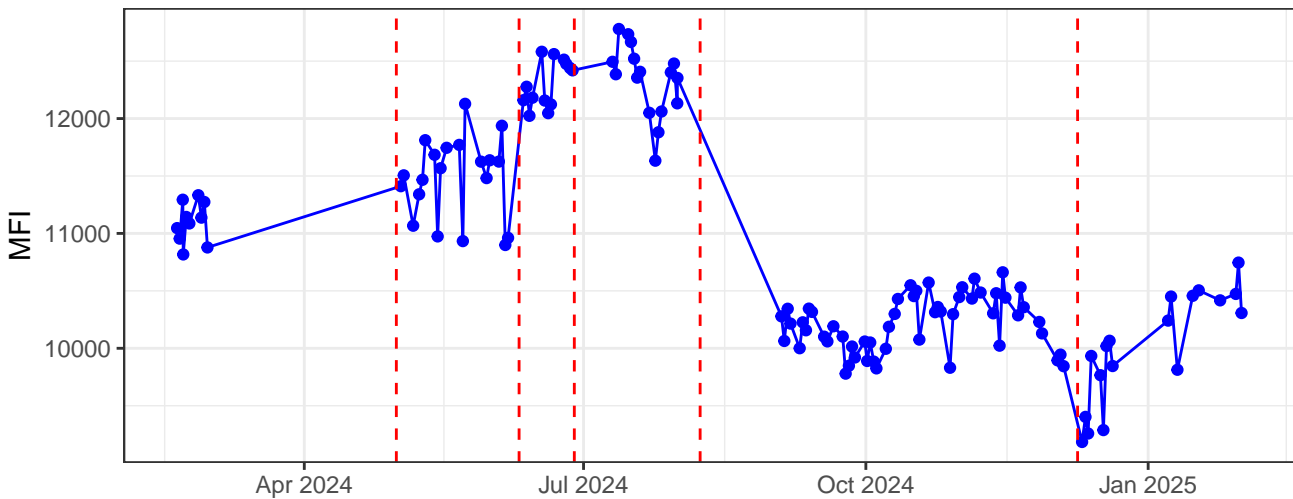
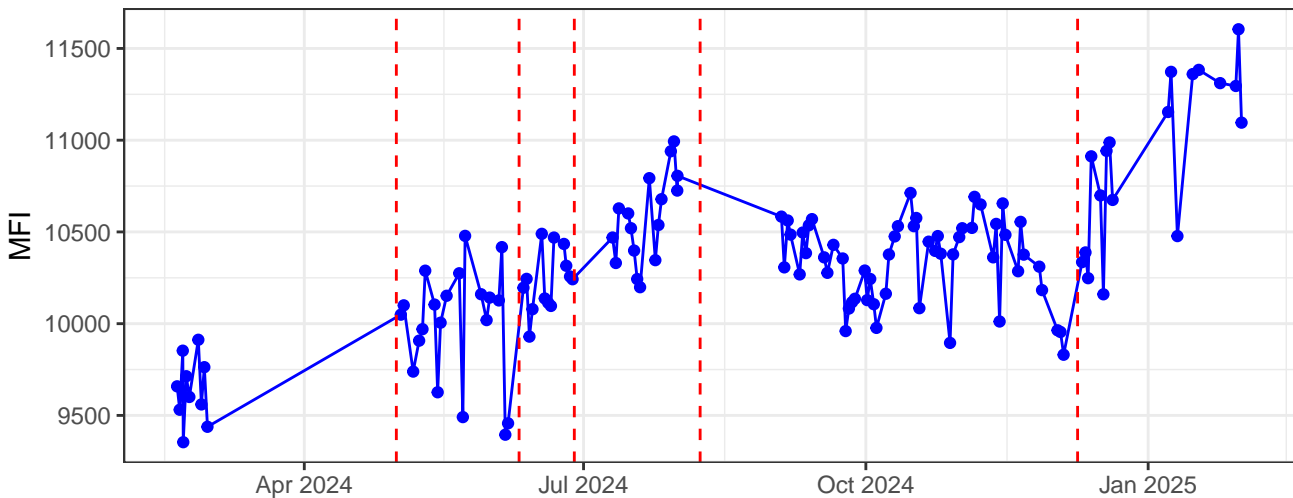


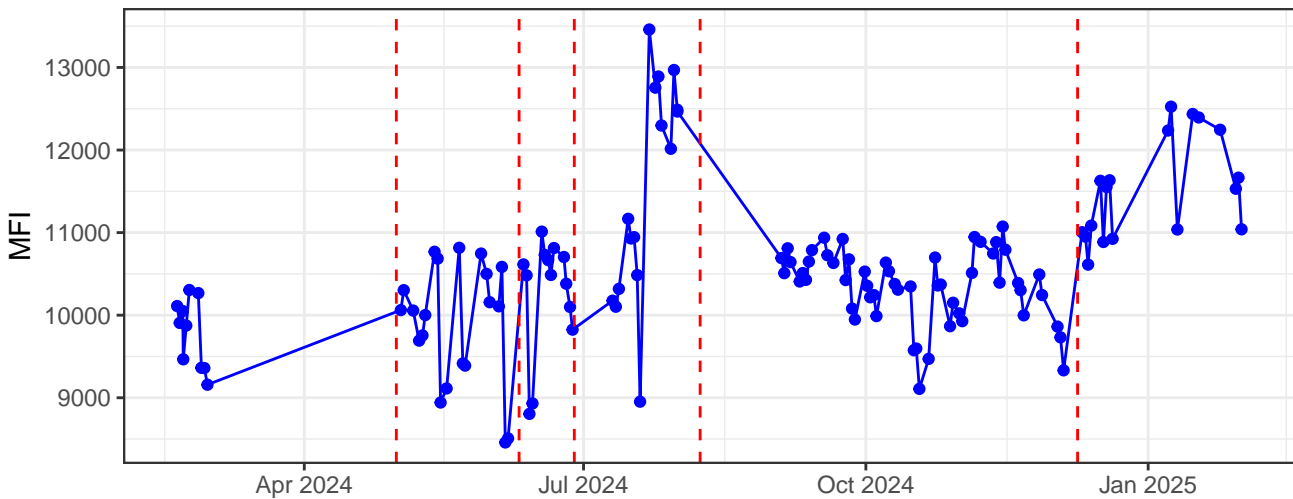
B530-A



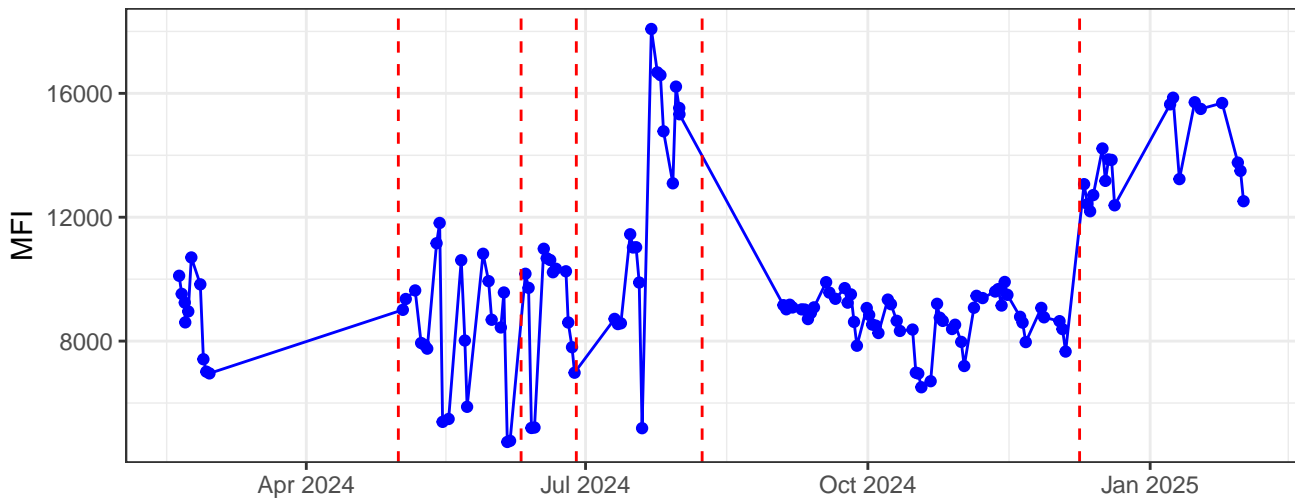
B585-A



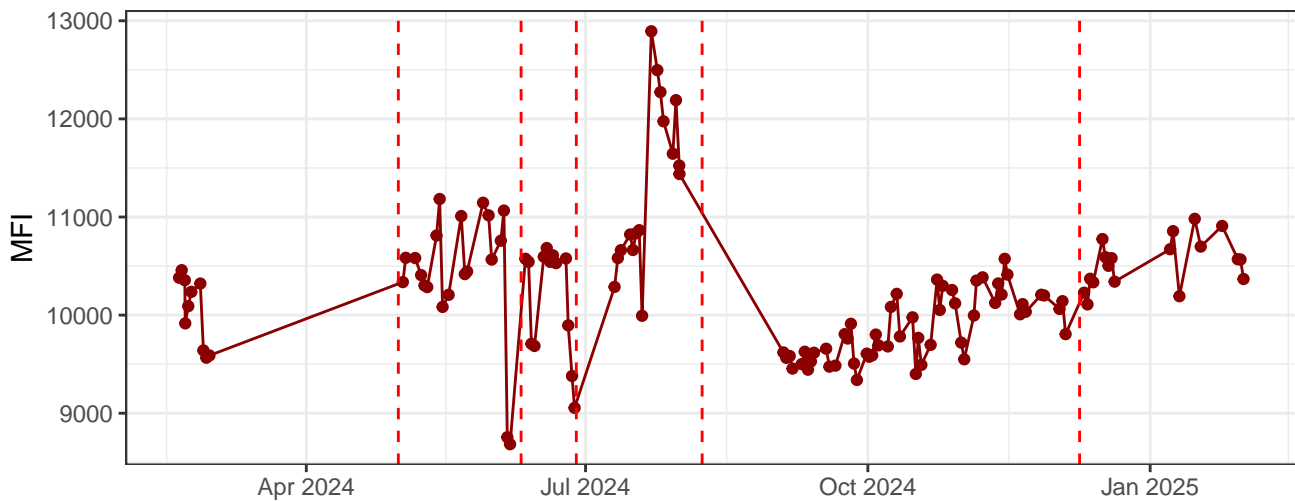
B695-A



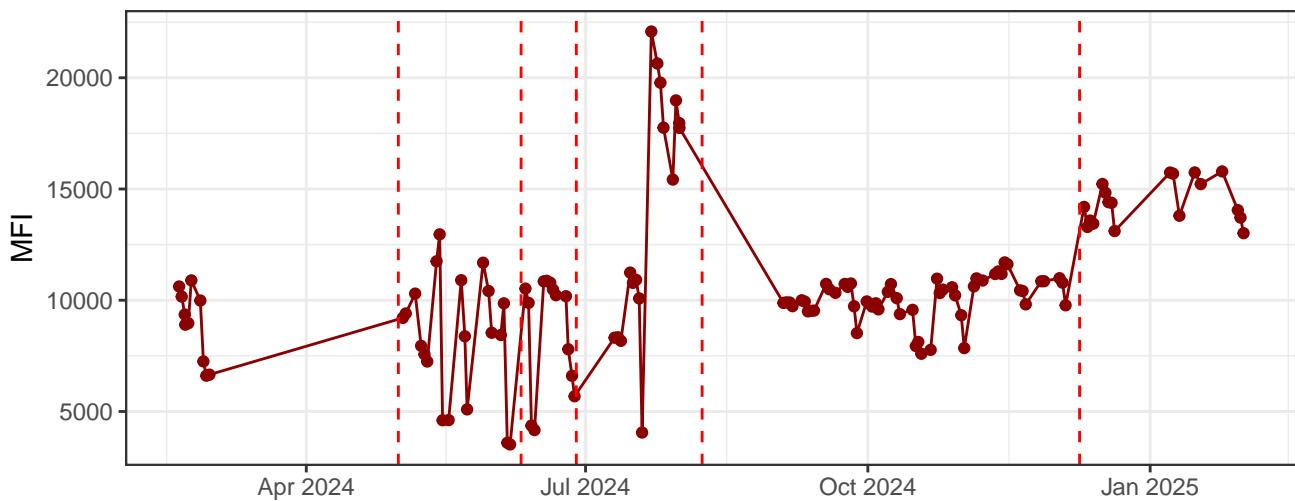
B780-A



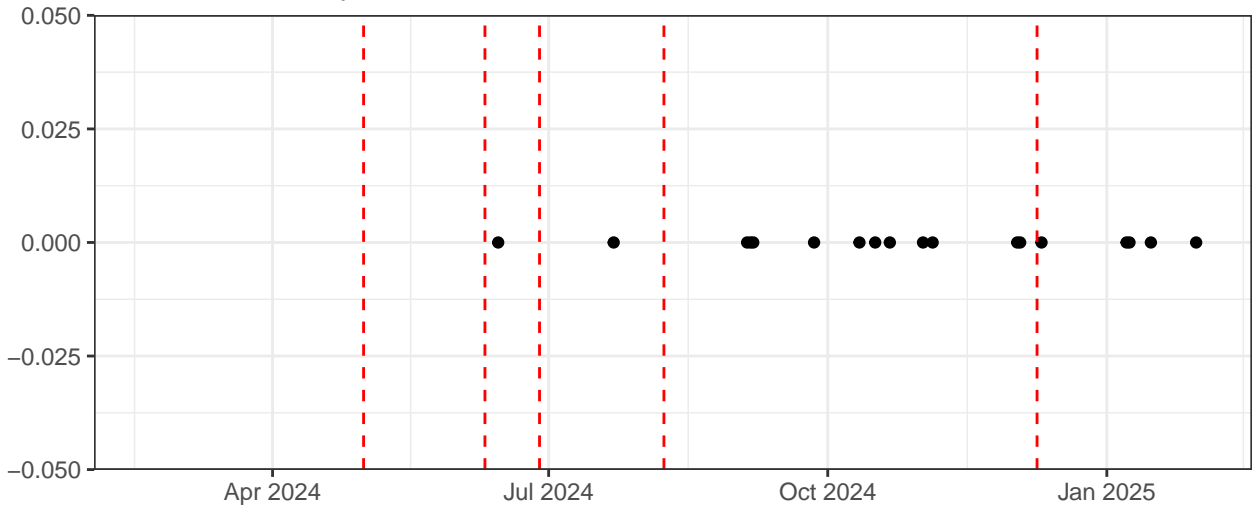
R670-A



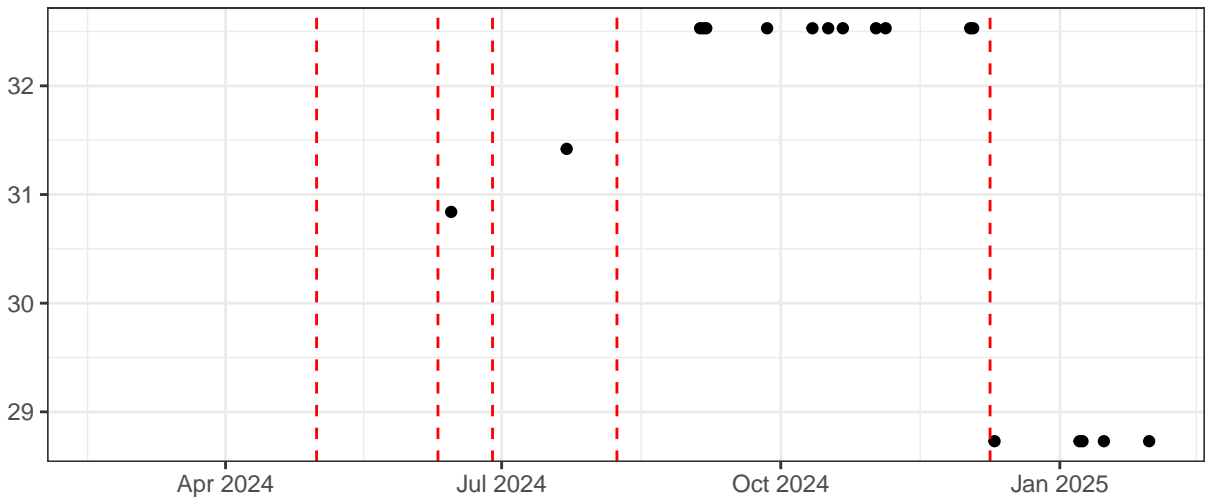
R780-A



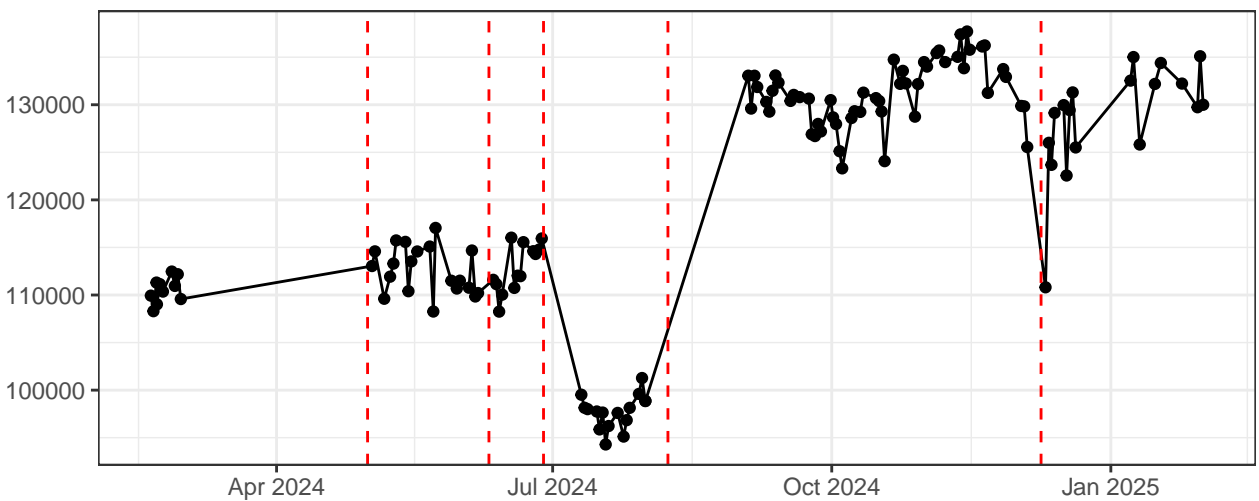
Blue_LaserDelay



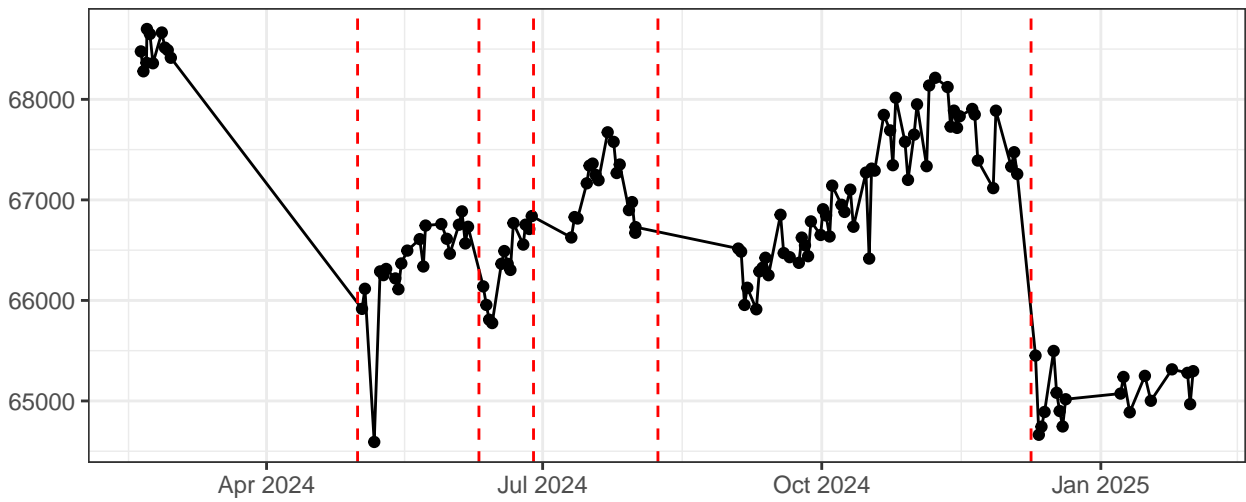
Red_LaserDelay



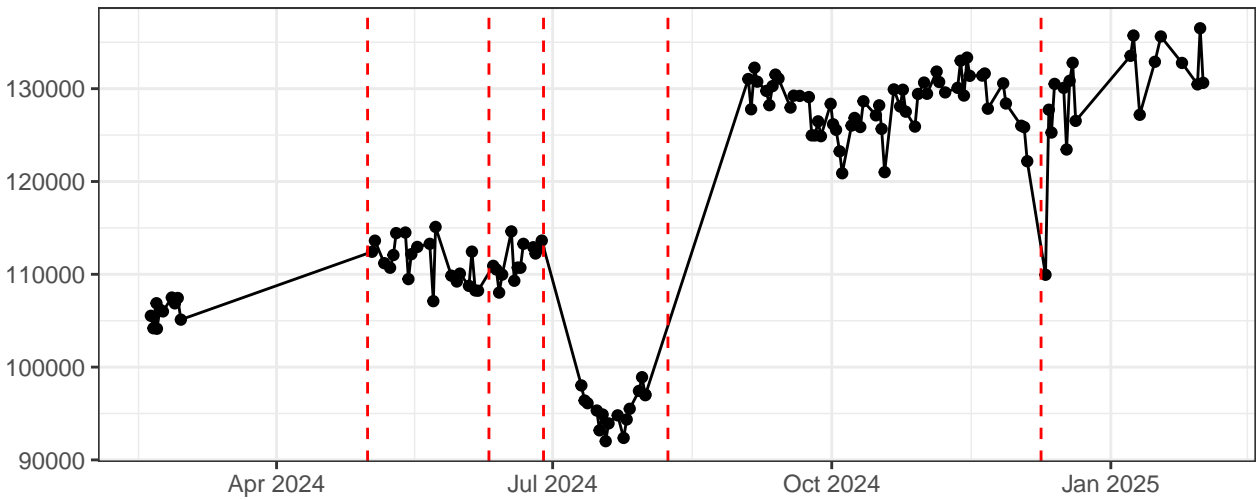
FSC-A



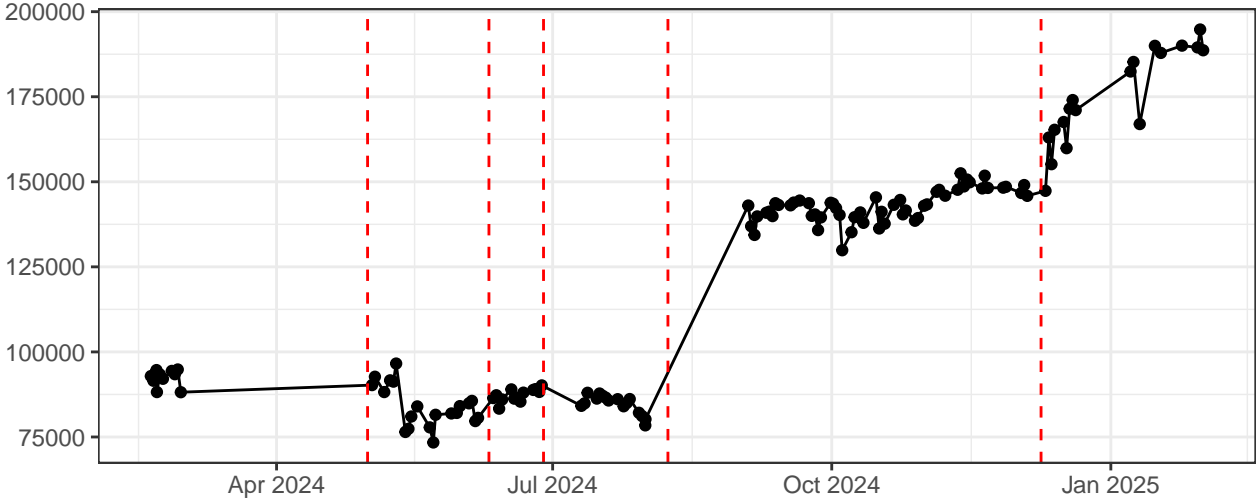
FSC-H



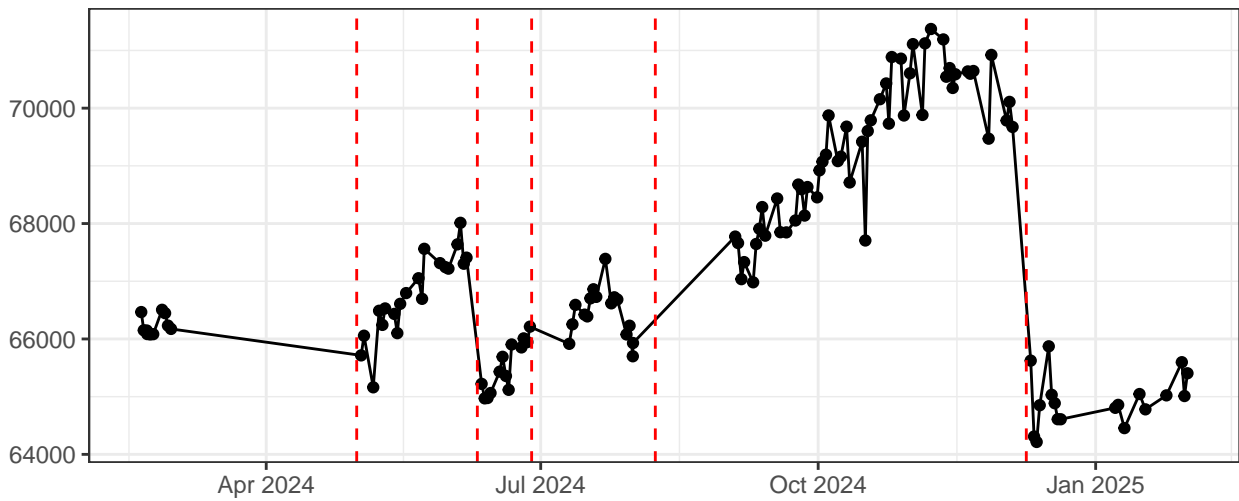
FSC-W



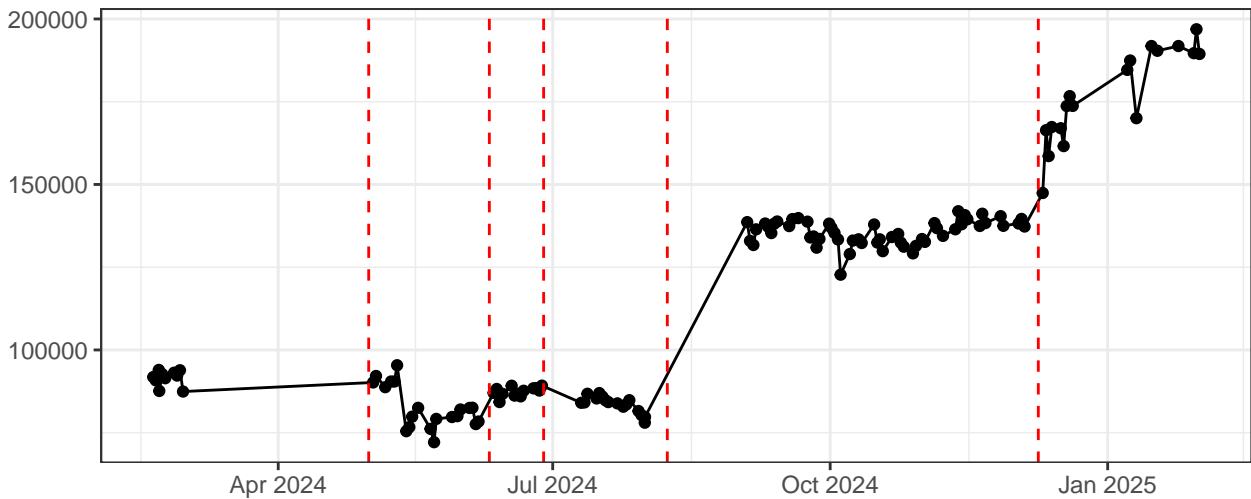
SSC-A



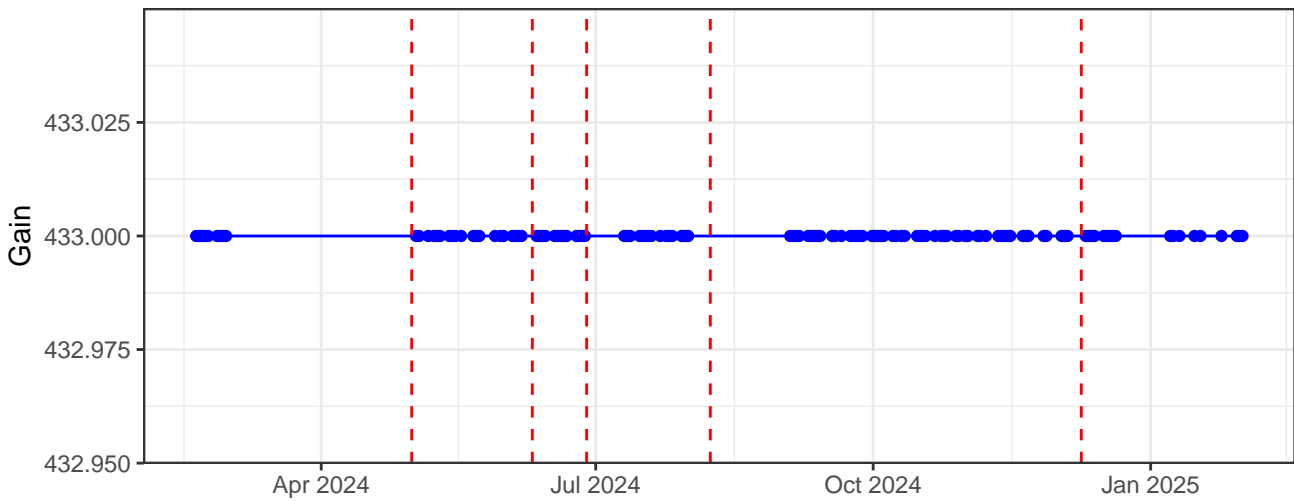
SSC-H



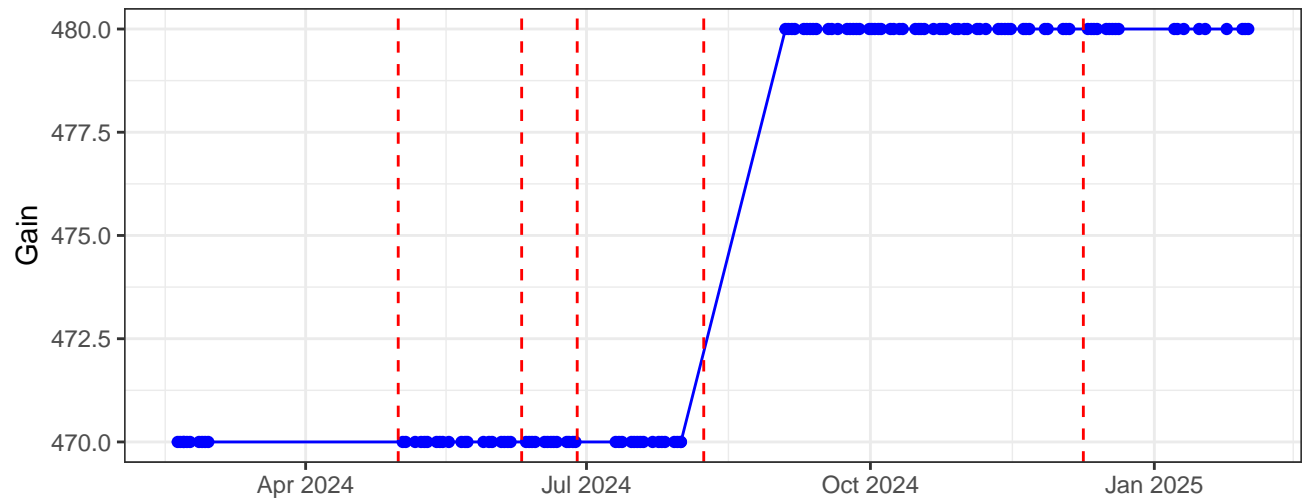
SSC-W



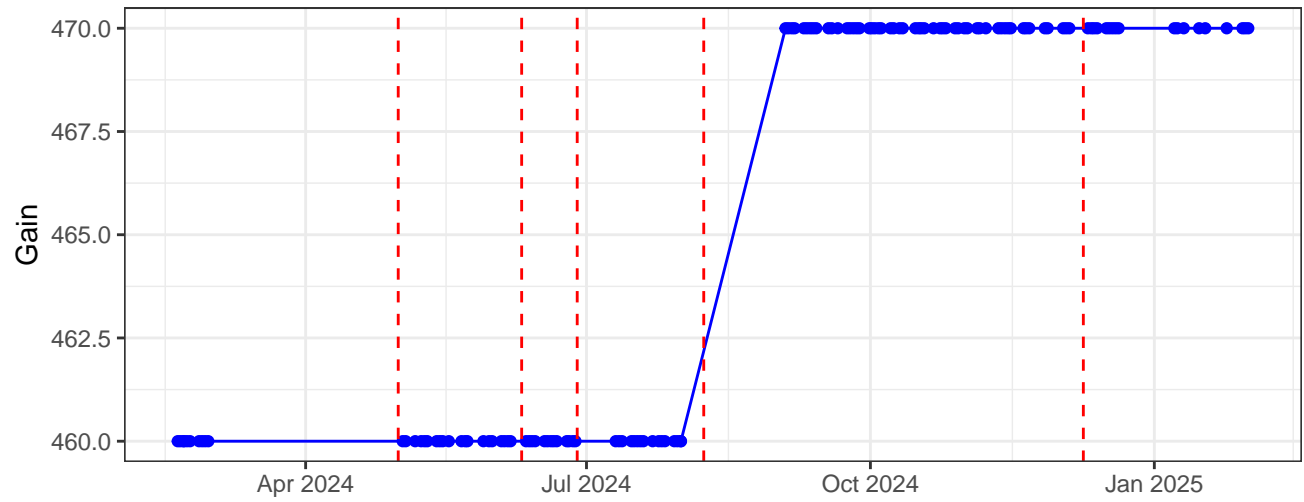
B530-A_Gain



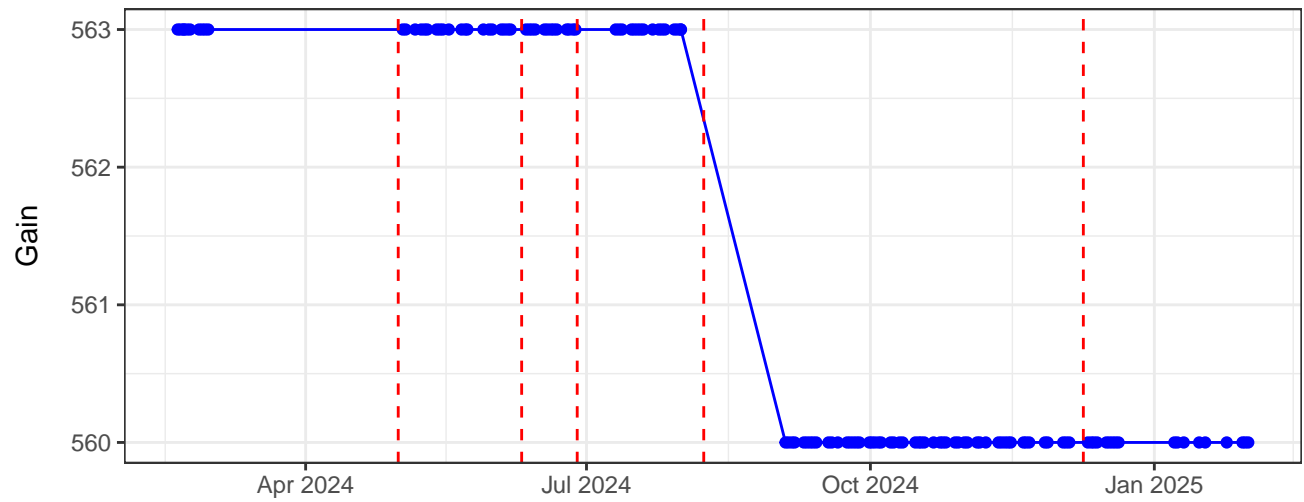
B585-A_Gain



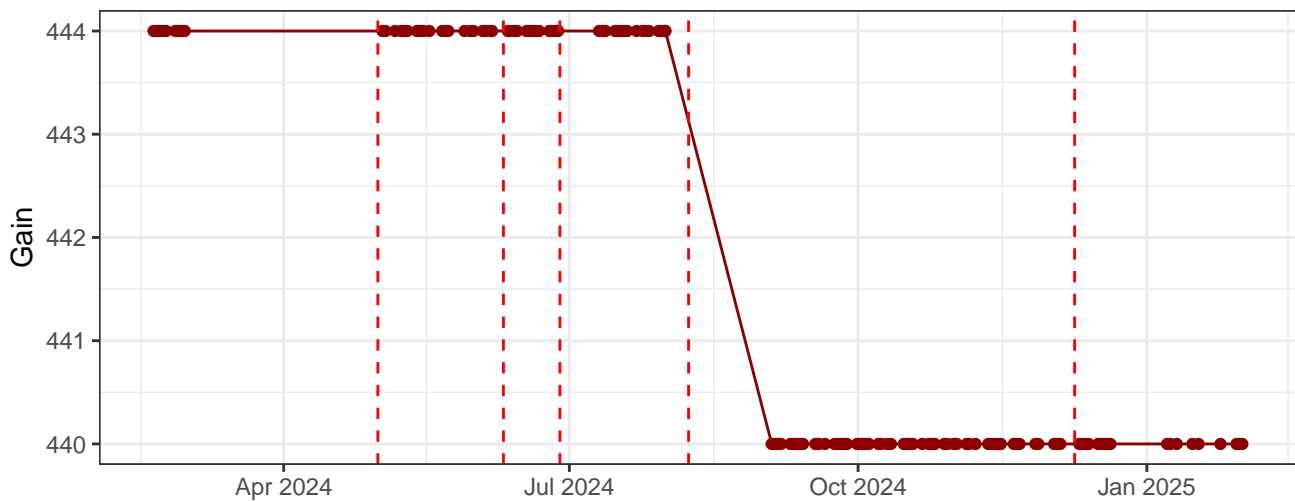
B695-A_Gain



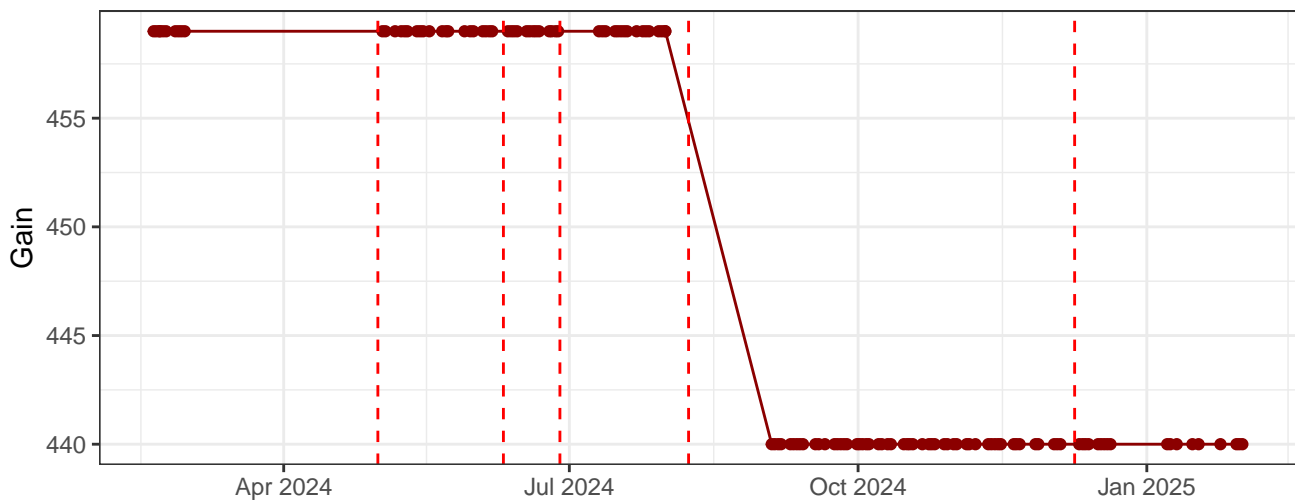
B780-A_Gain



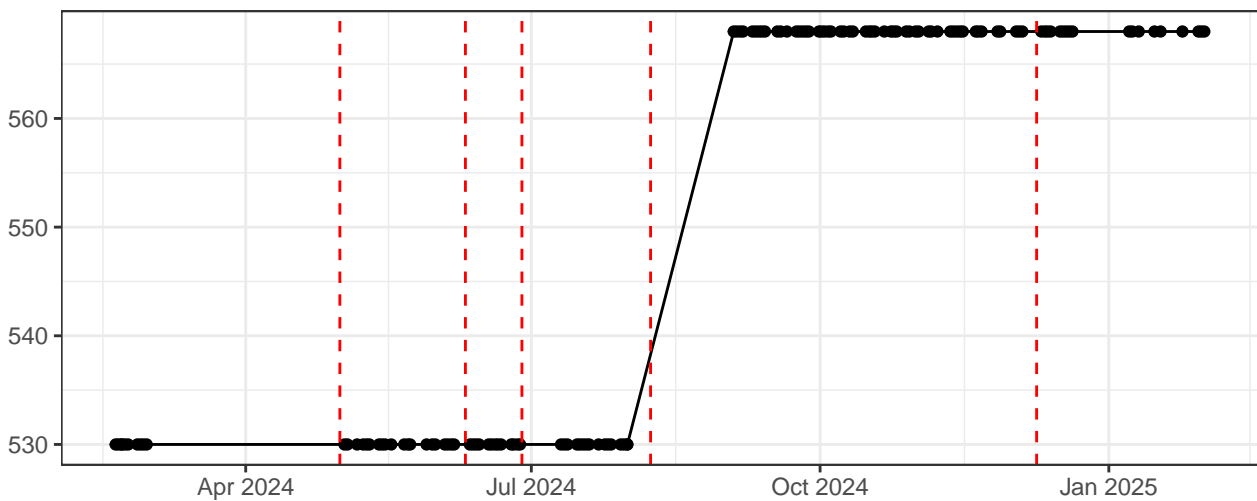
R670-A_Gain



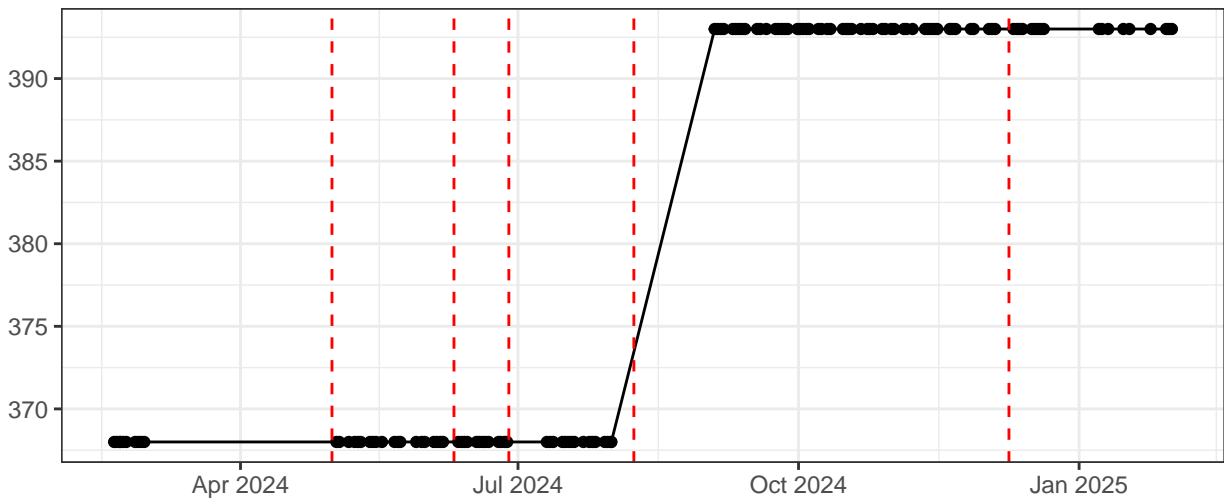
R780-A_Gain



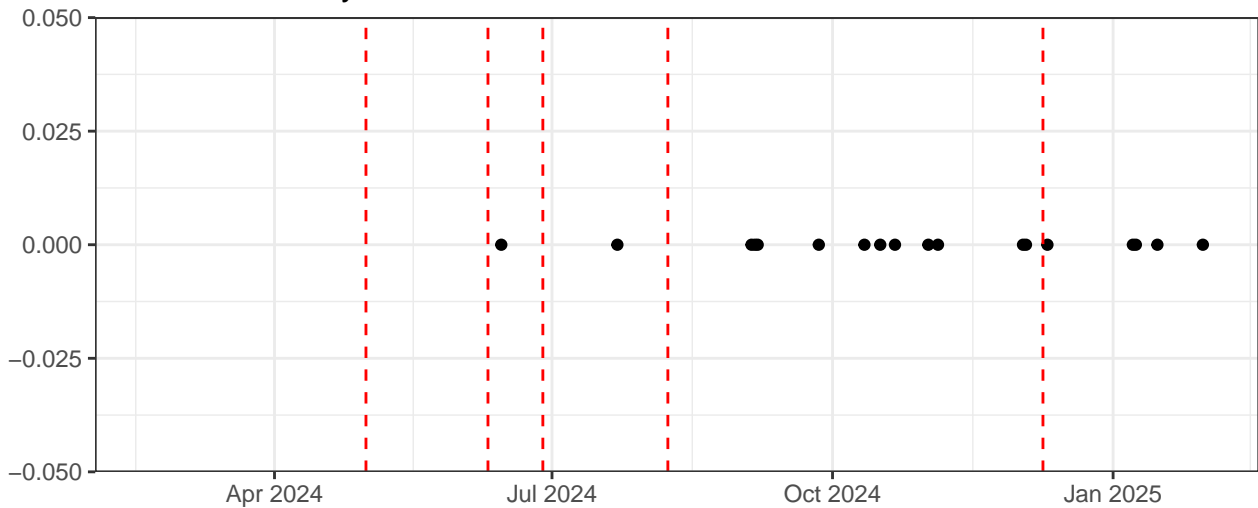
FSC-A_Gain



SSC-A_Gain



Blue_LaserDelay



Red_LaserDelay

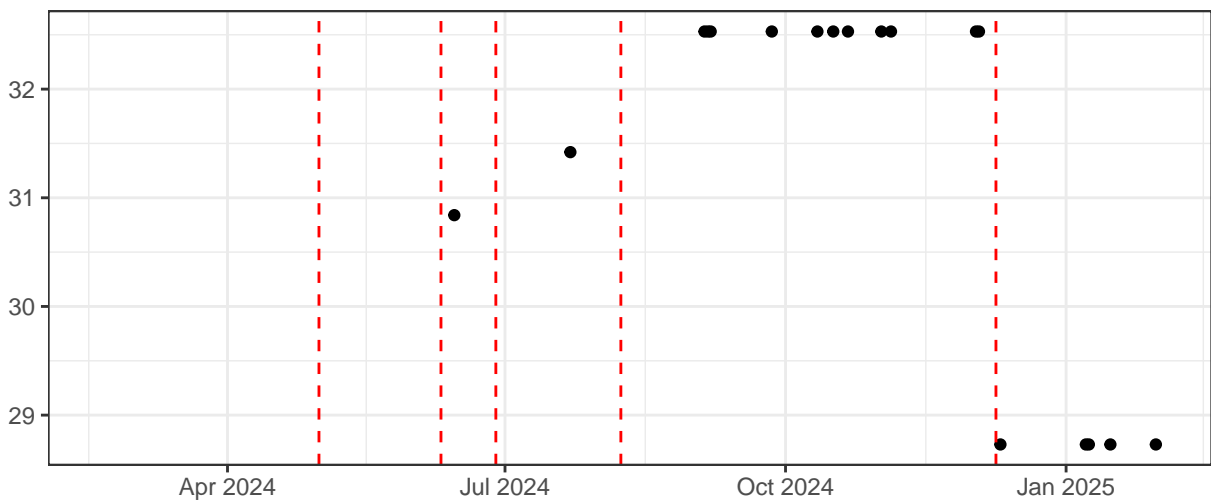


Figure 1 is a scatter plot showing the evolution of the effective number of degrees of freedom, N_{eff} , as a function of redshift z . The y-axis represents N_{eff} , ranging from 1.24 to 1.36. The x-axis represents redshift z , with major ticks at Apr 2024, Jul 2024, Oct 2024, and Jan 2025. Data points are black dots. Vertical dashed red lines indicate specific redshifts. The plot shows a sharp increase in N_{eff} around $z = 0.001$, followed by a plateau at approximately 1.35.

Date (Approx.)	Fidelity $F(t)$
Apr 2024	1.150
May 2024	1.150
Jun 2024	1.220
Aug 2024	1.210
Oct 2024	1.150
Nov 2024	1.150
Dec 2024	1.150
Jan 2025	1.150
Feb 2025	1.150
Mar 2025	1.150
Apr 2025	1.150
May 2025	1.150
Jun 2025	1.150
Jul 2025	1.150
Aug 2025	1.150
Sep 2025	1.150
Oct 2025	1.150
Nov 2025	1.150
Dec 2025	1.150
Jan 2026	1.150
Feb 2026	1.150
Mar 2026	1.150
Apr 2026	1.150
May 2026	1.150
Jun 2026	1.150
Jul 2026	1.150
Aug 2026	1.150
Sep 2026	1.150
Oct 2026	1.150
Nov 2026	1.150
Dec 2026	1.150
Jan 2027	1.150
Feb 2027	1.150
Mar 2027	1.150
Apr 2027	1.150
May 2027	1.150
Jun 2027	1.150
Jul 2027	1.150
Aug 2027	1.150
Sep 2027	1.150
Oct 2027	1.150
Nov 2027	1.150
Dec 2027	1.150
Jan 2028	1.150
Feb 2028	1.150
Mar 2028	1.150
Apr 2028	1.150
May 2028	1.150
Jun 2028	1.150
Jul 2028	1.150
Aug 2028	1.150
Sep 2028	1.150
Oct 2028	1.150
Nov 2028	1.150
Dec 2028	1.150
Jan 2029	1.150
Feb 2029	1.150
Mar 2029	1.150
Apr 2029	1.150
May 2029	1.150
Jun 2029	1.150
Jul 2029	1.150
Aug 2029	1.150
Sep 2029	1.150
Oct 2029	1.150
Nov 2029	1.150
Dec 2029	1.150
Jan 2030	1.150
Feb 2030	1.150
Mar 2030	1.150
Apr 2030	1.150
May 2030	1.150
Jun 2030	1.150
Jul 2030	1.150
Aug 2030	1.150
Sep 2030	1.150
Oct 2030	1.150
Nov 2030	1.150
Dec 2030	1.150
Jan 2031	1.150
Feb 2031	1.150
Mar 2031	1.150
Apr 2031	1.150
May 2031	1.150
Jun 2031	1.150
Jul 2031	1.150
Aug 2031	1.150
Sep 2031	1.150
Oct 2031	1.150
Nov 2031	1.150
Dec 2031	1.150
Jan 2032	1.150
Feb 2032	1.150
Mar 2032	1.150
Apr 2032	1.150
May 2032	1.150
Jun 2032	1.150
Jul 2032	1.150
Aug 2032	1.150
Sep 2032	1.150
Oct 2032	1.150
Nov 2032	1.150
Dec 2032	1.150
Jan 2033	1.150
Feb 2033	1.150
Mar 2033	1.150
Apr 2033	1.150
May 2033	1.150
Jun 2033	1.150
Jul 2033	1.150
Aug 2033	1.150
Sep 2033	1.150
Oct 2033	1.150
Nov 2033	1.150
Dec 2033	1.150
Jan 2034	1.150
Feb 2034	1.150
Mar 2034	1.150
Apr 2034	1.150
May 2034	1.150
Jun 2034	1.150
Jul 2034	1.150
Aug 2034	1.150
Sep 2034	1.150
Oct 2034	1.150
Nov 2034	1.150
Dec 2034	1.150
Jan 2035	1.150