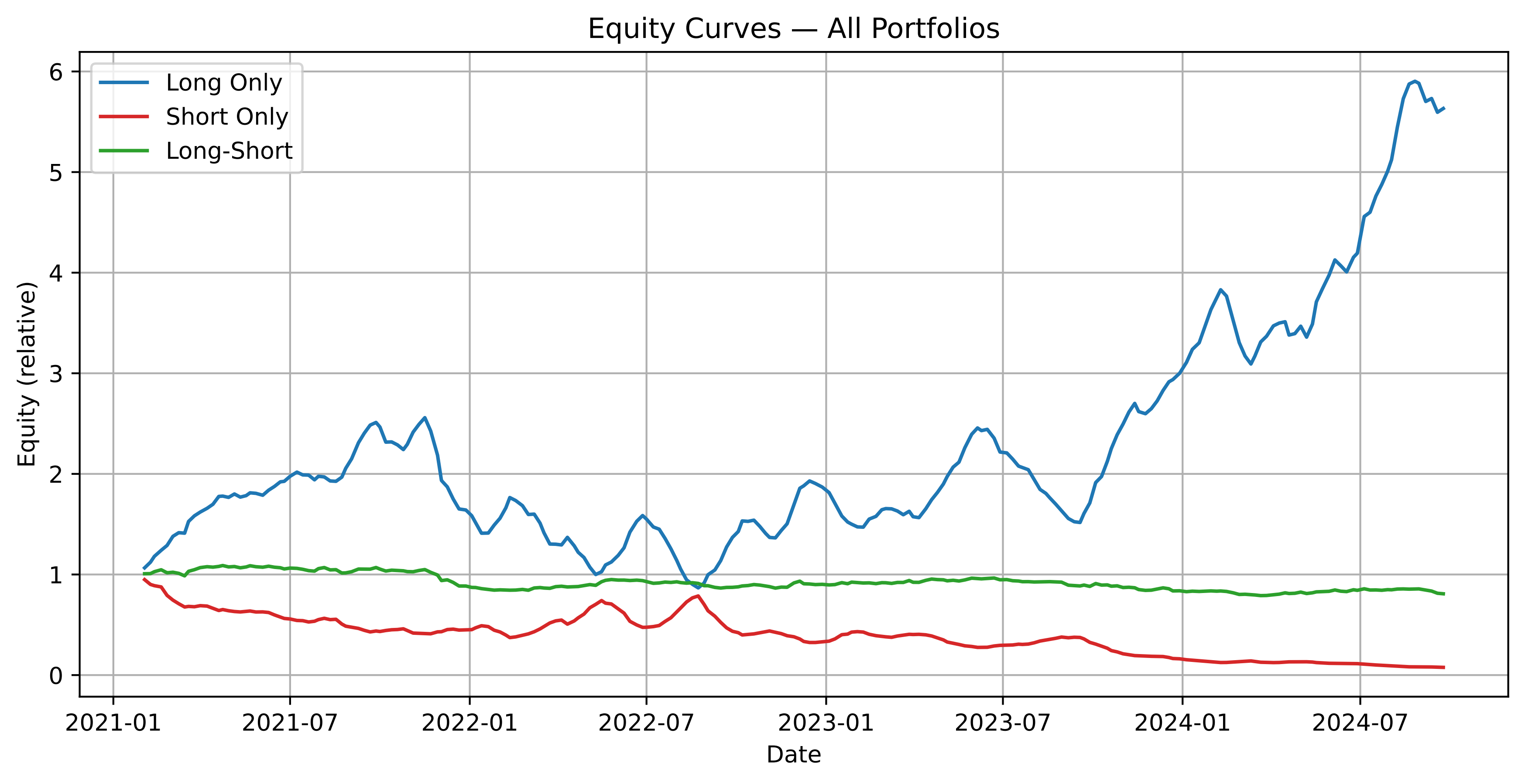
Backtest Report — I20-R20

I (image): 20d | R (response/hold): 20d | Levered: True

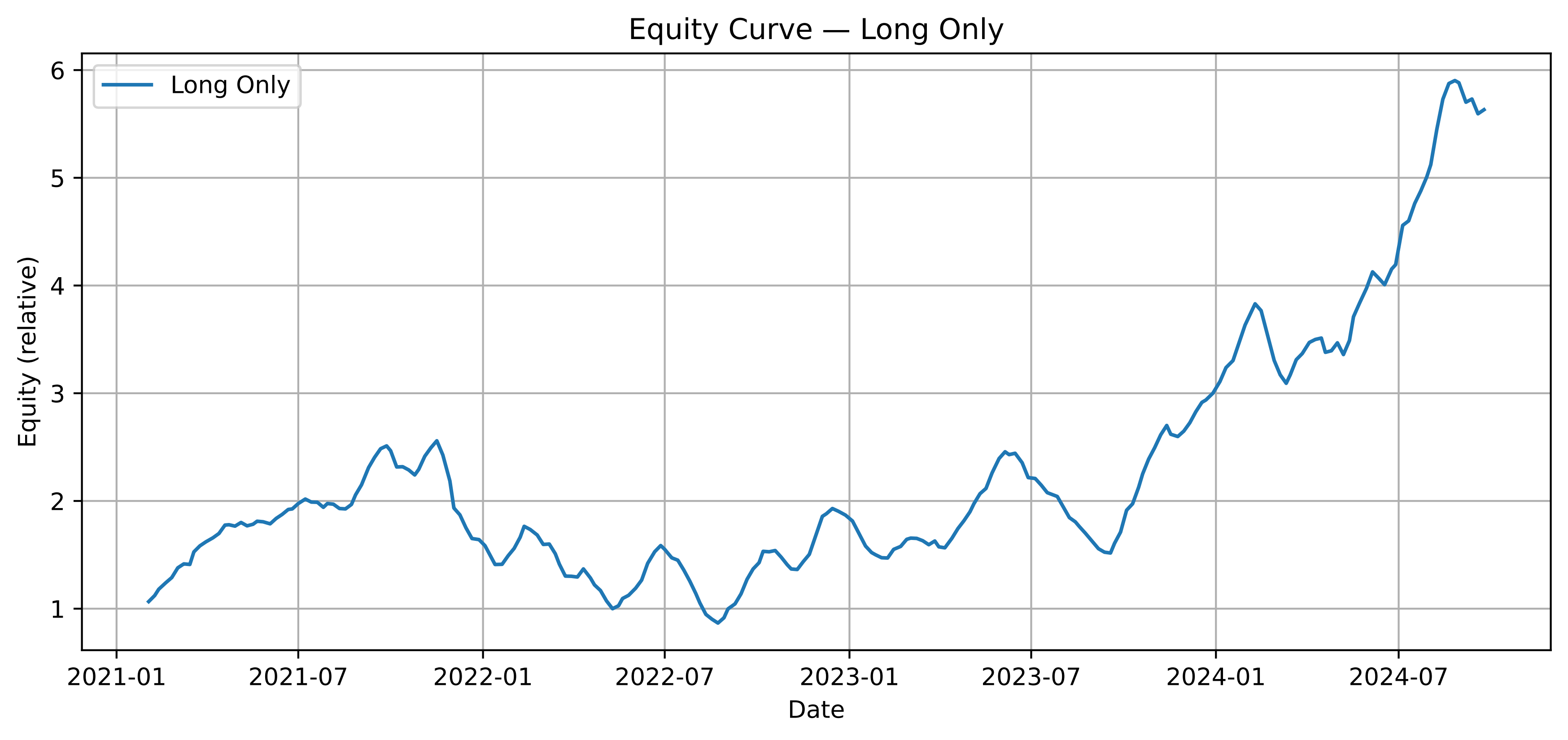
Implicit leverage via overlapping cohorts: 5× frequency → effective step = R/5 = 4.00 trading days (Annualization uses 252/4.00).

Backtest Summary

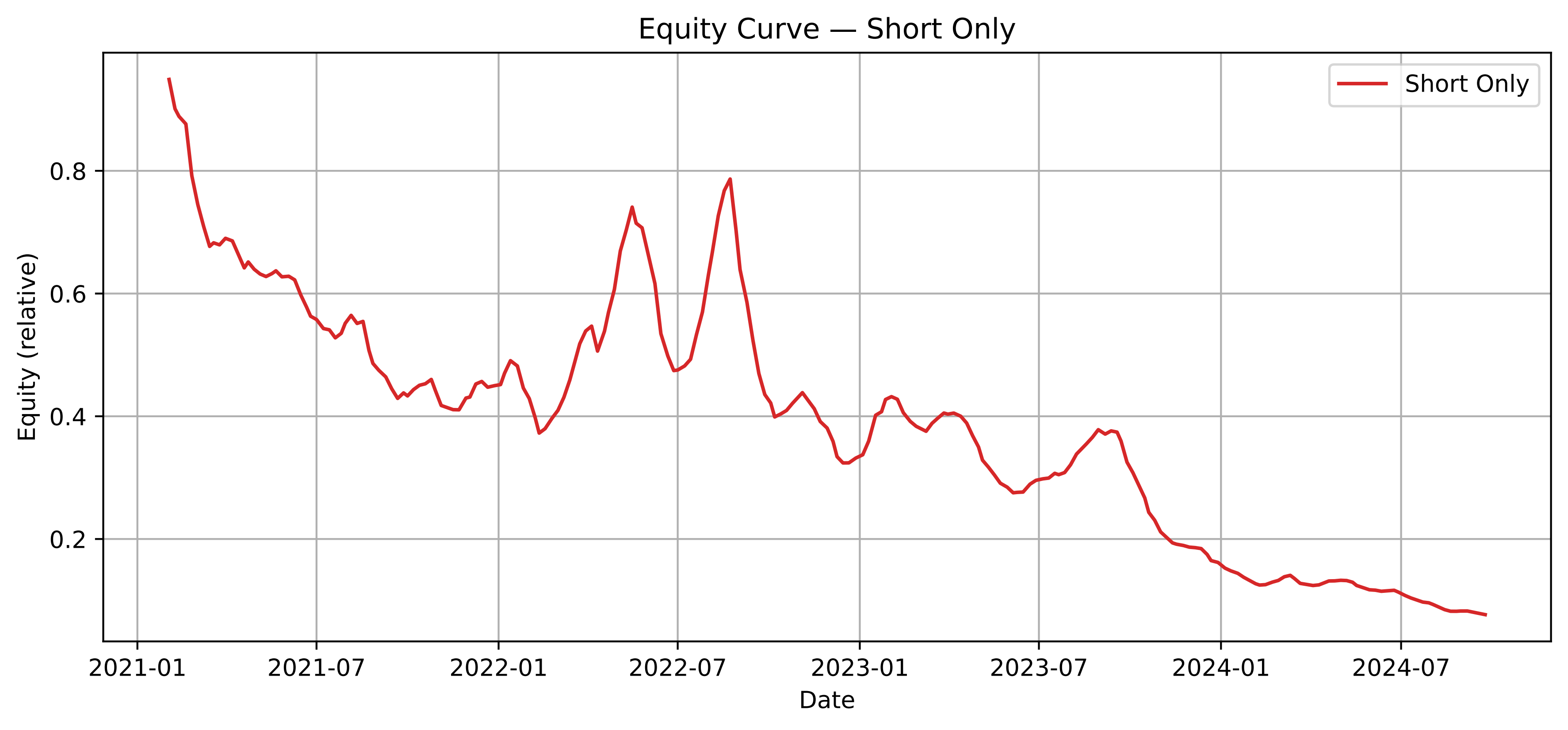
Portfolio	Overall	Ann. Return	Ann. Sharpe	Max DD	Trades	Wins	Losses	Win %	Mean	Std
Long Only	463.21%	60.55%	1.51	-66.14%	11500	132	98	57.39%	0.01	0.04
Short Only	-92.33%	-50.50%	-1.94	-91.91%	11500	94	136	40.87%	-0.01	0.04
Long-Short	-19.19%	-5.67%	-0.49	-27.47%	23000	108	122	46.96%	-0.00	0.01

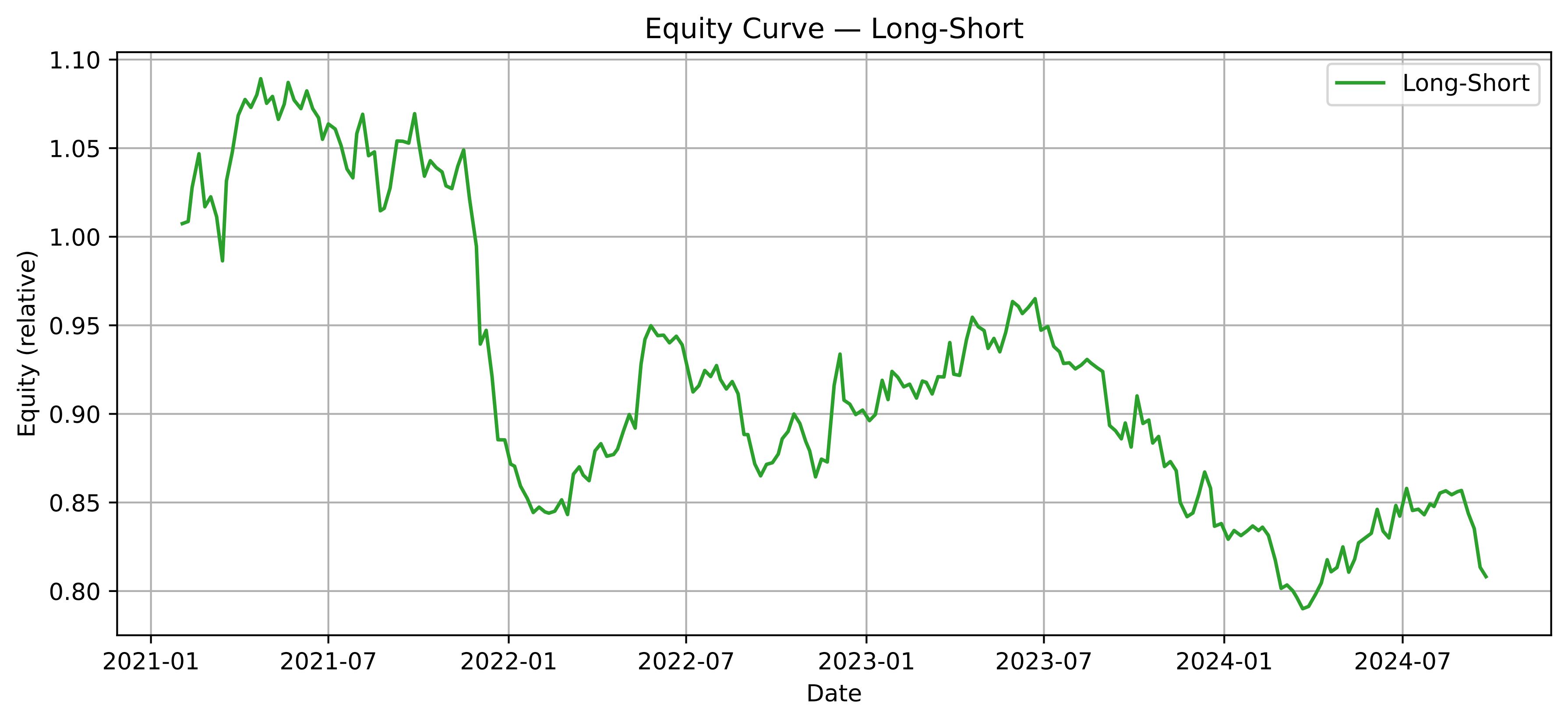


Equity Curves — All Portfolios
Long Only
Short Only
Long-Short
Equity (relative)
Date
0
1
2
3
4
5
6
2021-01
2021-07
2022-01
2022-07
2023-01
2023-07
2024-01
2024-07

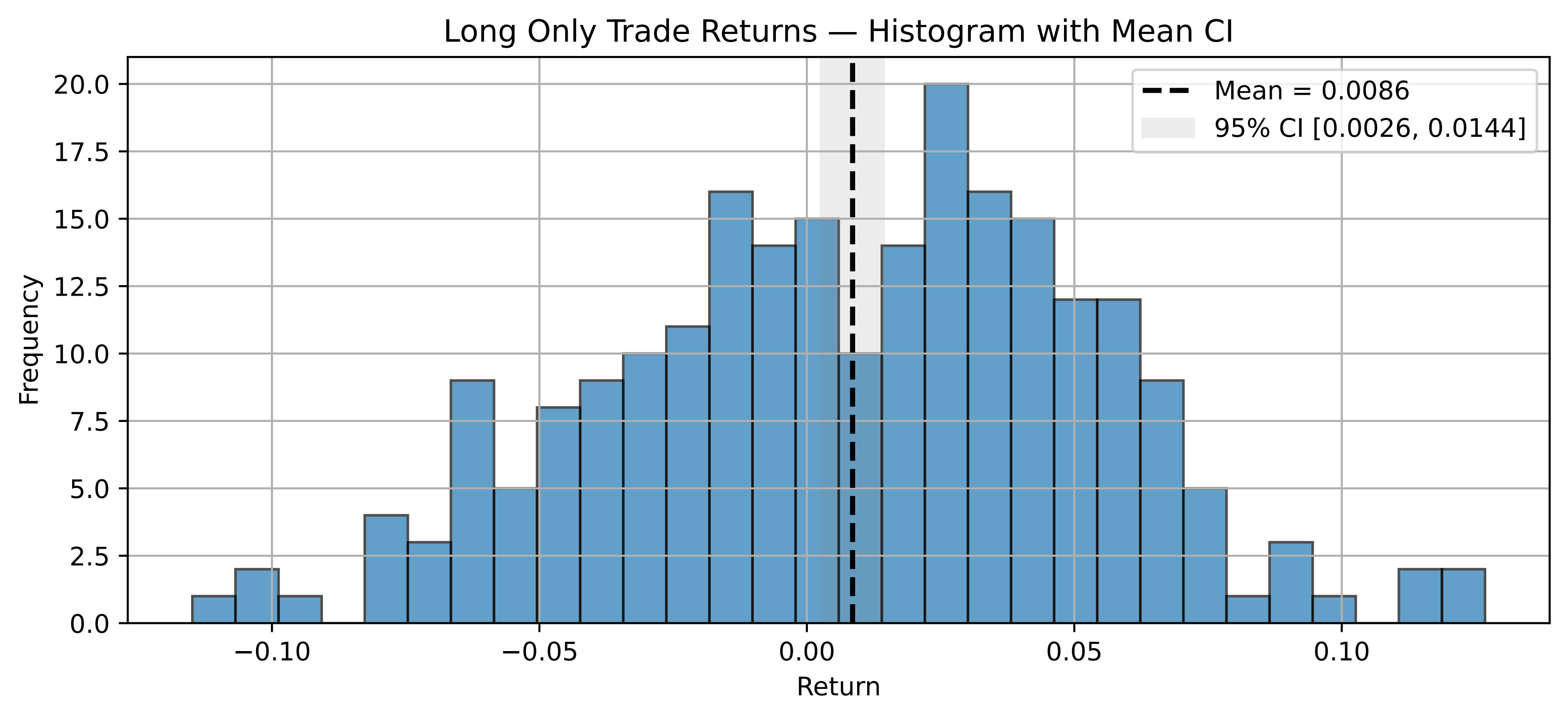


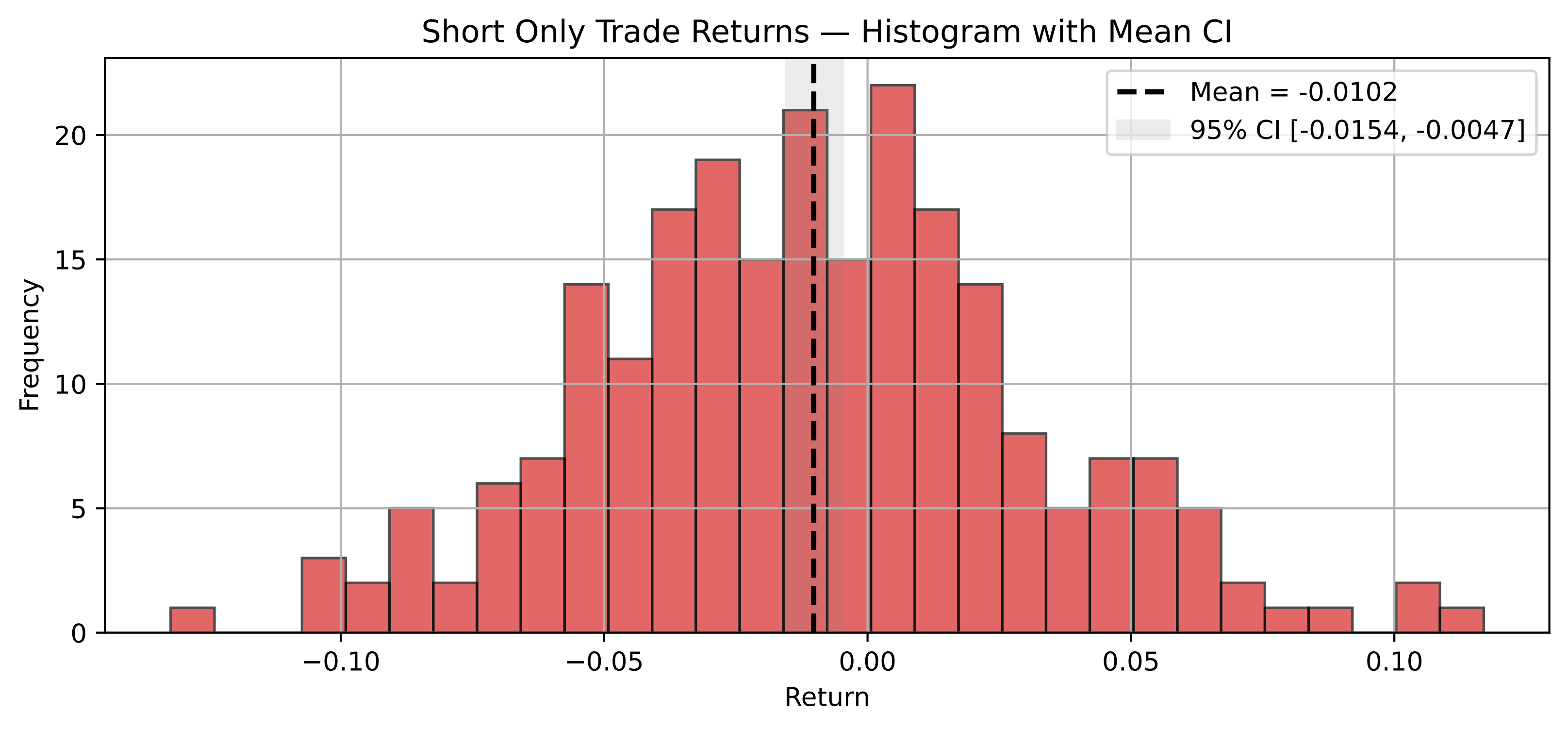
Equity Curve — Long Only
Long Only
Equity (relative)
6
5
4
3
2
1
2021-01
2021-07
2022-01
2022-07
2023-01
2023-07
2024-01
2024-07
Date

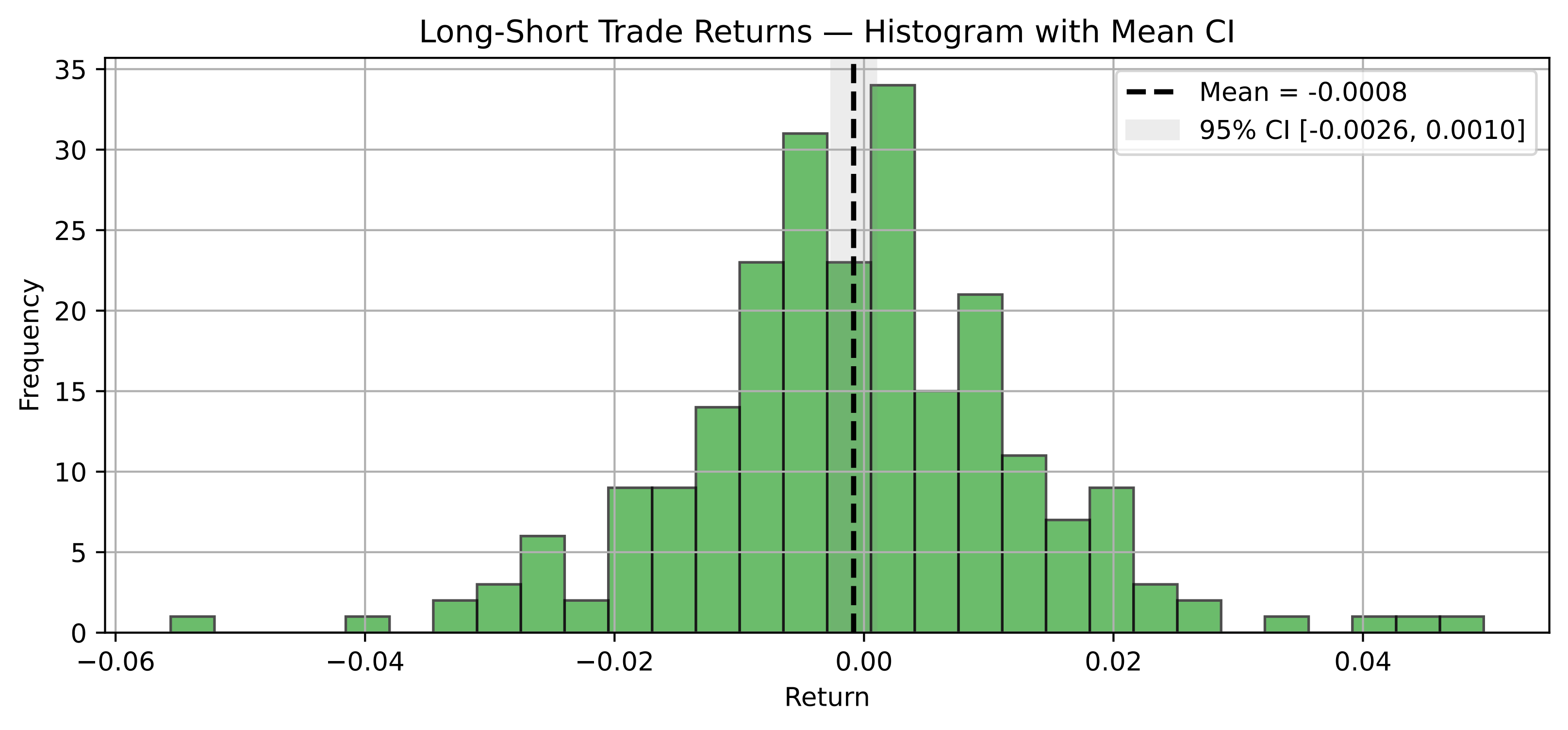

Equity Curve — Short Only
Short Only
0.8
0.6
0.4
0.2
Equity (relative)
2021-01
2021-07
2022-01
2022-07
2023-01
2023-07
2024-01
2024-07
Date



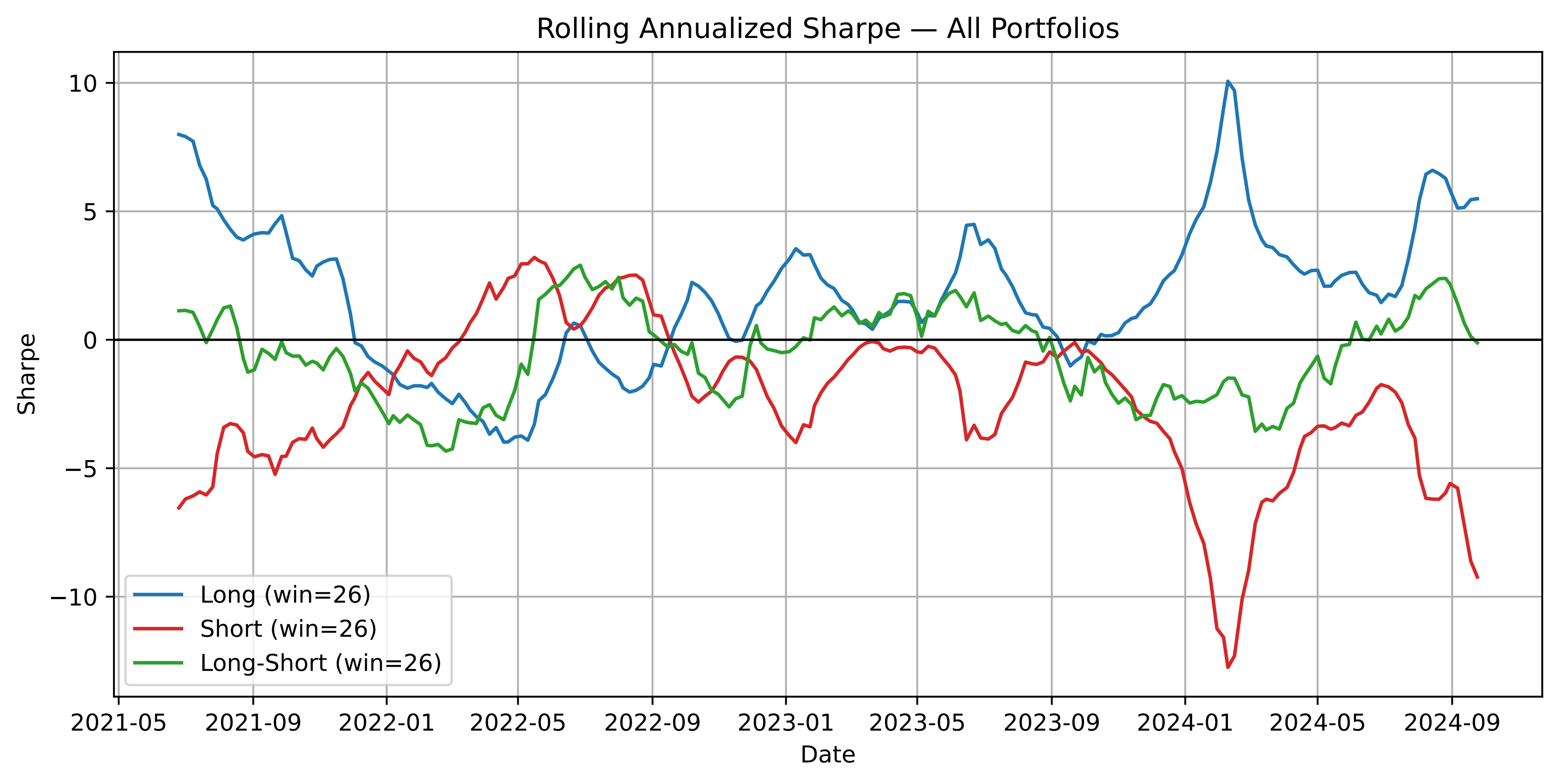
Equity Curve — Long-Short
Long-Short
1.10
1.05
1.00
0.95
0.90
0.85
0.80
Equity (relative)
2021-01
2021-07
2022-01
2022-07
2023-01
2023-07
2024-01
2024-07
Date


Long Only Trade Returns — Histogram with Mean CI
Mean = 0.0086
95% CI [0.0026, 0.0144]
Frequency
Return
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
−0.10
−0.05
0.00
0.05
0.10

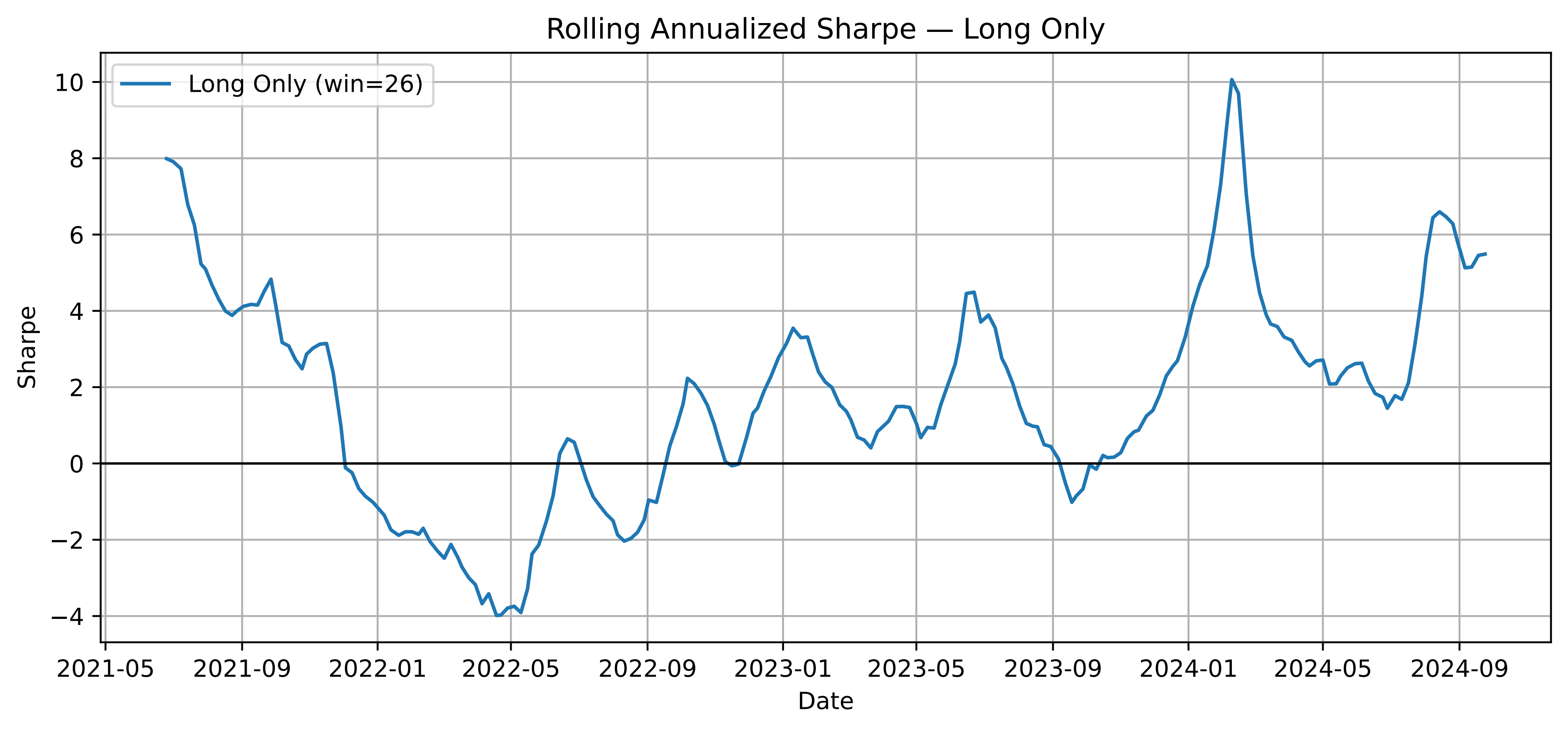

Short Only Trade Returns — Histogram with Mean CI
Mean = -0.0102
95% CI [-0.0154, -0.0047]
Frequency
Return
0
5
10
15
20
−0.10
−0.05
0.00
0.05
0.10



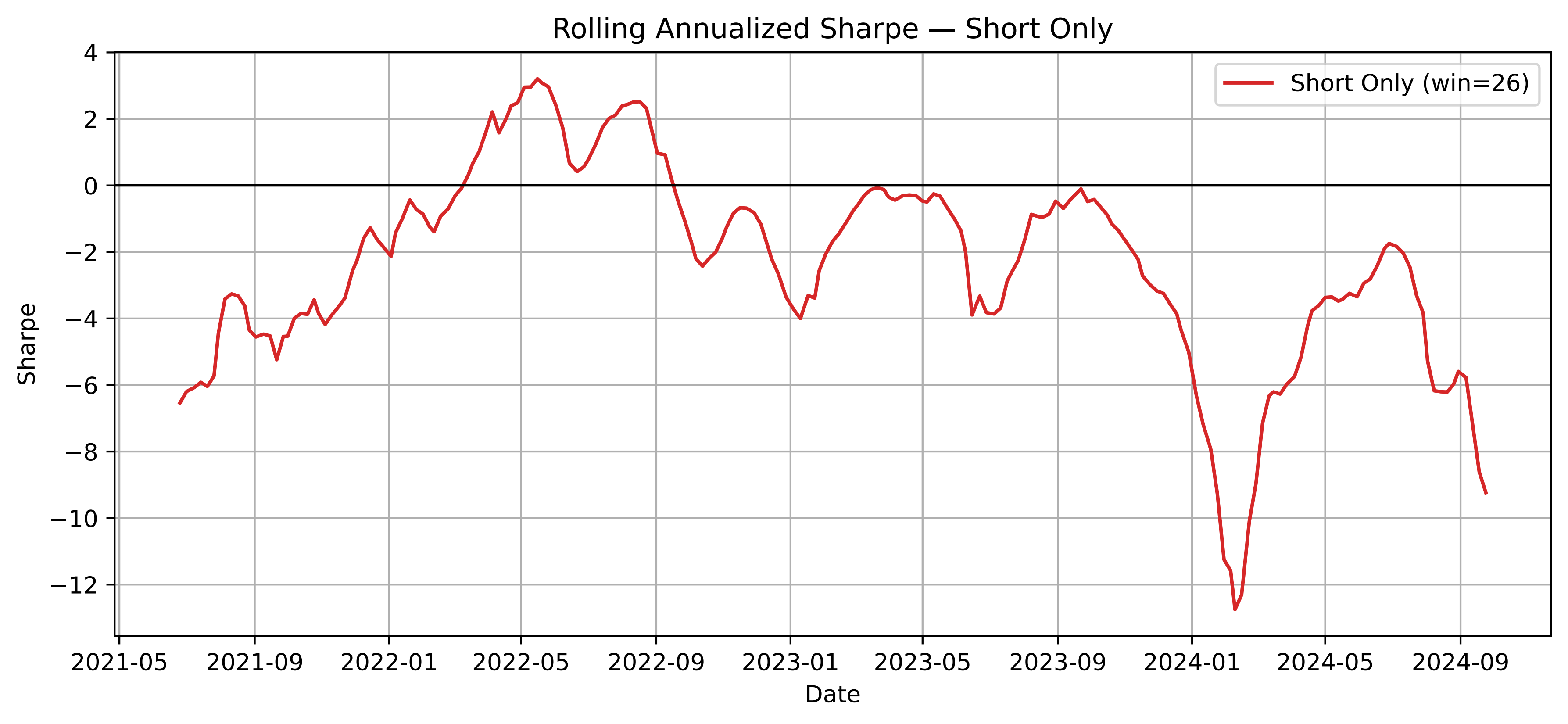
Long-Short Trade Returns — Histogram with Mean CI
Mean = -0.0008
95% CI [-0.0026, 0.0010]
Frequency
Return
35
30
25
20
15
10
5
0
−0.06
−0.04
−0.02
0.00
0.02
0.04



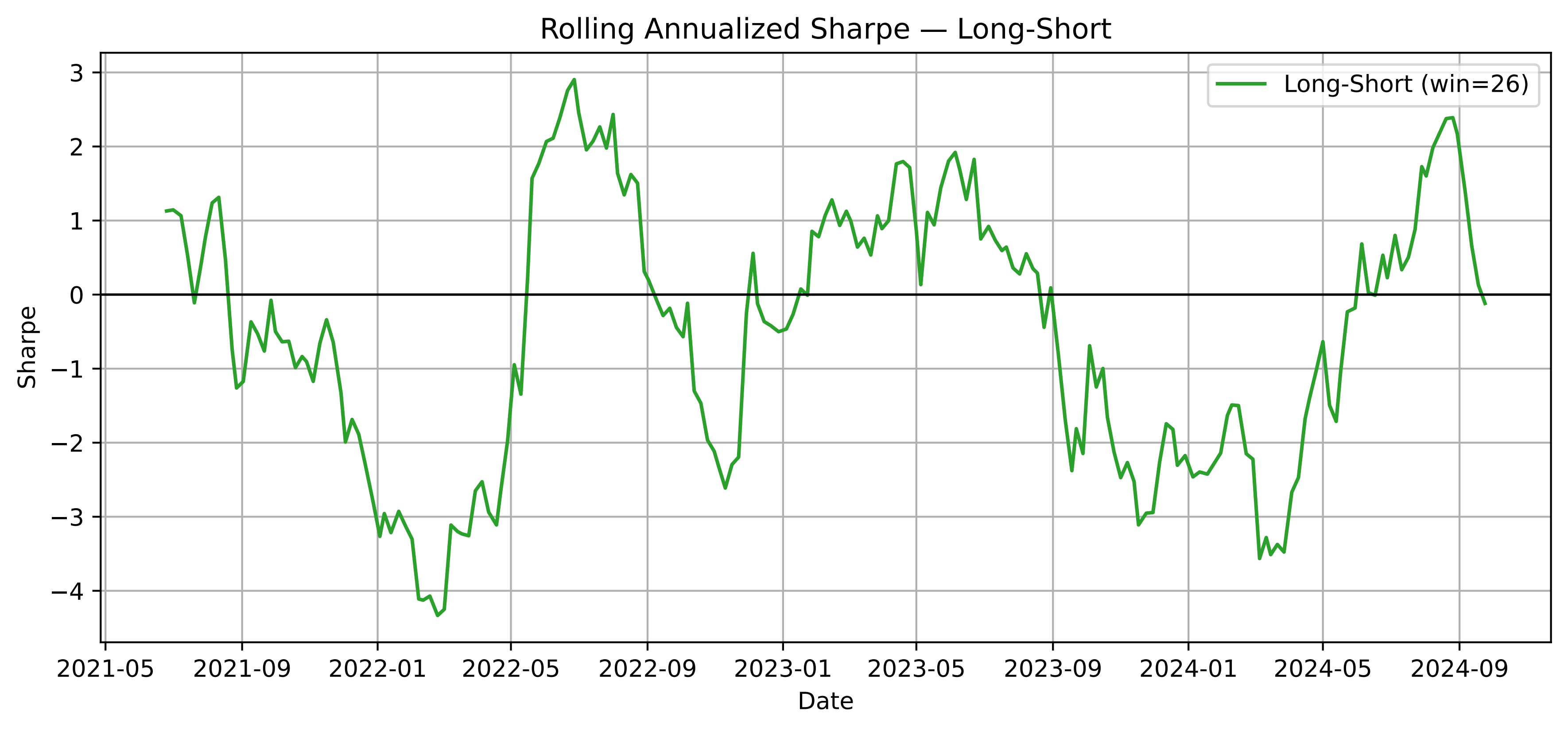
Rolling Annualized Sharpe — All Portfolios
10
5
0
−5
−10
Sharpe
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
2024-09
Date
Long (win=26)
Short (win=26)
Long-Short (win=26)



Rolling Annualized Sharpe — Long Only
Long Only (win=26)
Sharpe
Date
10
8
6
4
2
0
−2
−4
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
2024-09



Rolling Annualized Sharpe — Short Only
Short Only (win=26)
Sharpe
Date
4
2
0
−2
−4
−6
−8
−10
−12
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
2024-09


Rolling Annualized Sharpe — Long-Short
Long-Short (win=26)
Sharpe
Date
3
2
1
0
−1
−2
−3
−4
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
2024-09