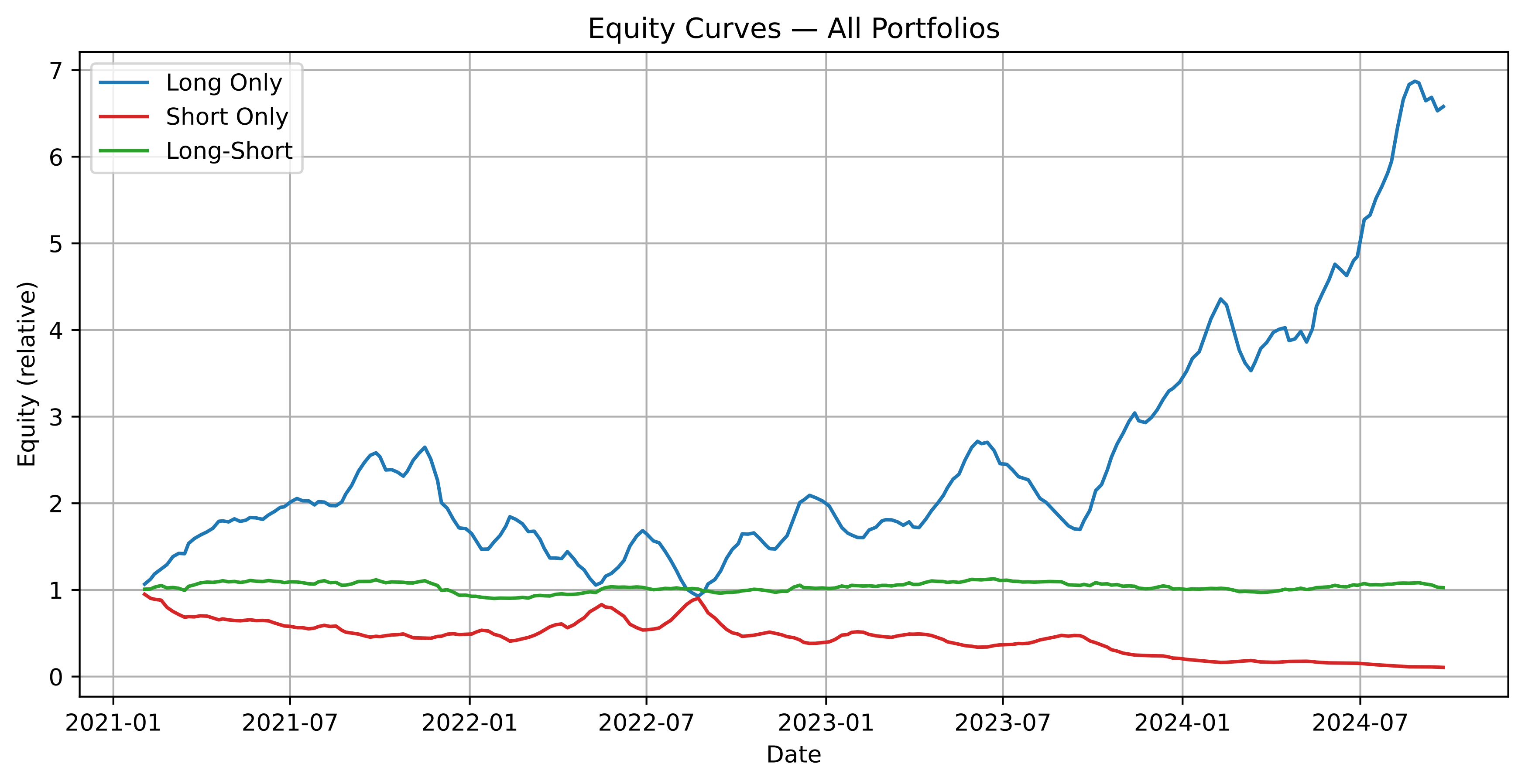
Backtest Report — I20-R20

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

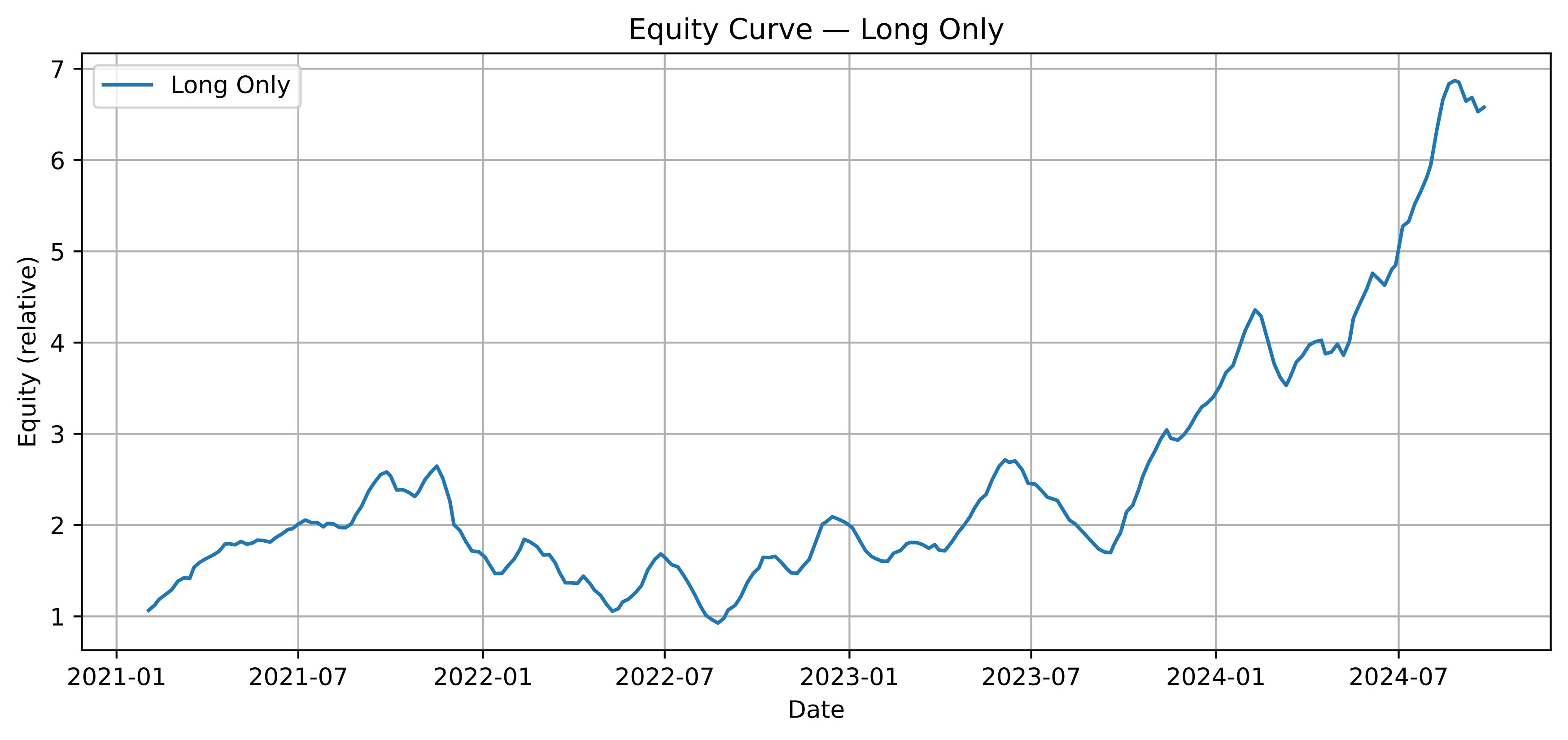
Implicit leverage via overlapping cohorts: 5× frequency → effective step = R/5 = 4.00 trading days (Annualization uses 252/4.00).

Backtest Summary

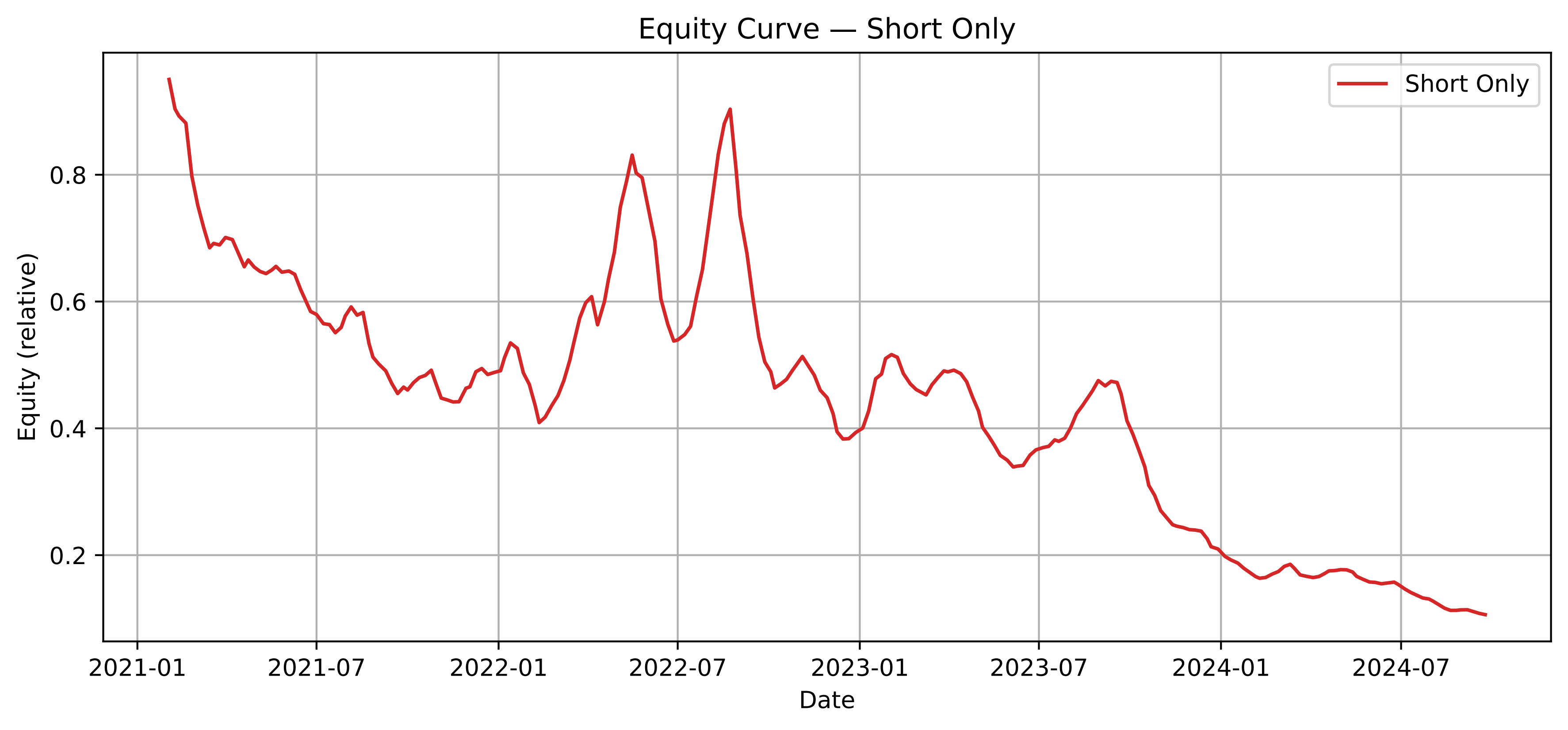
Portfolio	Overall	Ann. Return	Ann. Sharpe	Max DD	Trades	Wins	Losses	Win %	Mean	Std
Long Only	557.85%	67.53%	1.63	-64.99%	11500	132	98	57.39%	0.01	0.04
Short Only	-89.38%	-45.90%	-1.68	-88.83%	11500	96	134	41.74%	-0.01	0.04
Long-Short	2.60%	0.71%	0.12	-19.29%	23000	116	114	50.43%	0.00	0.01

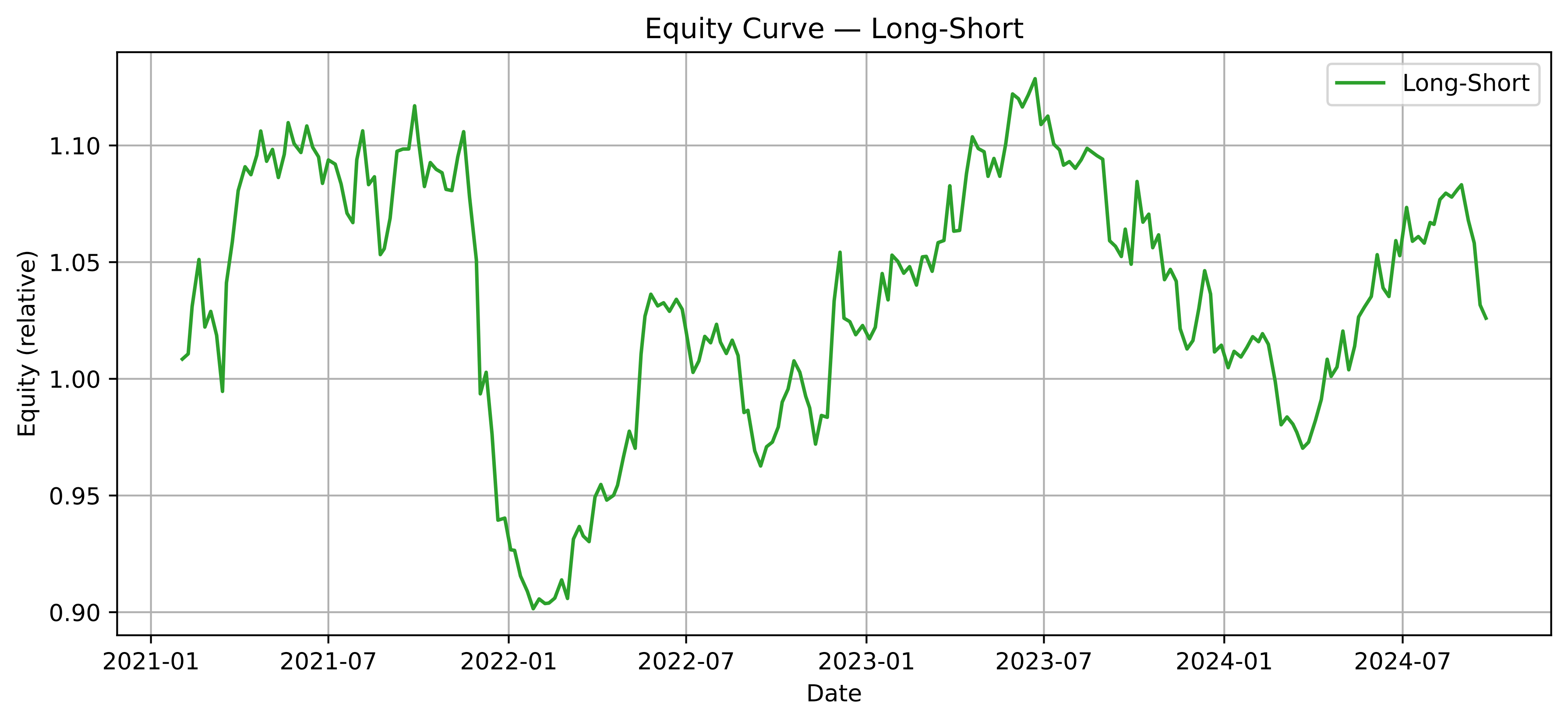


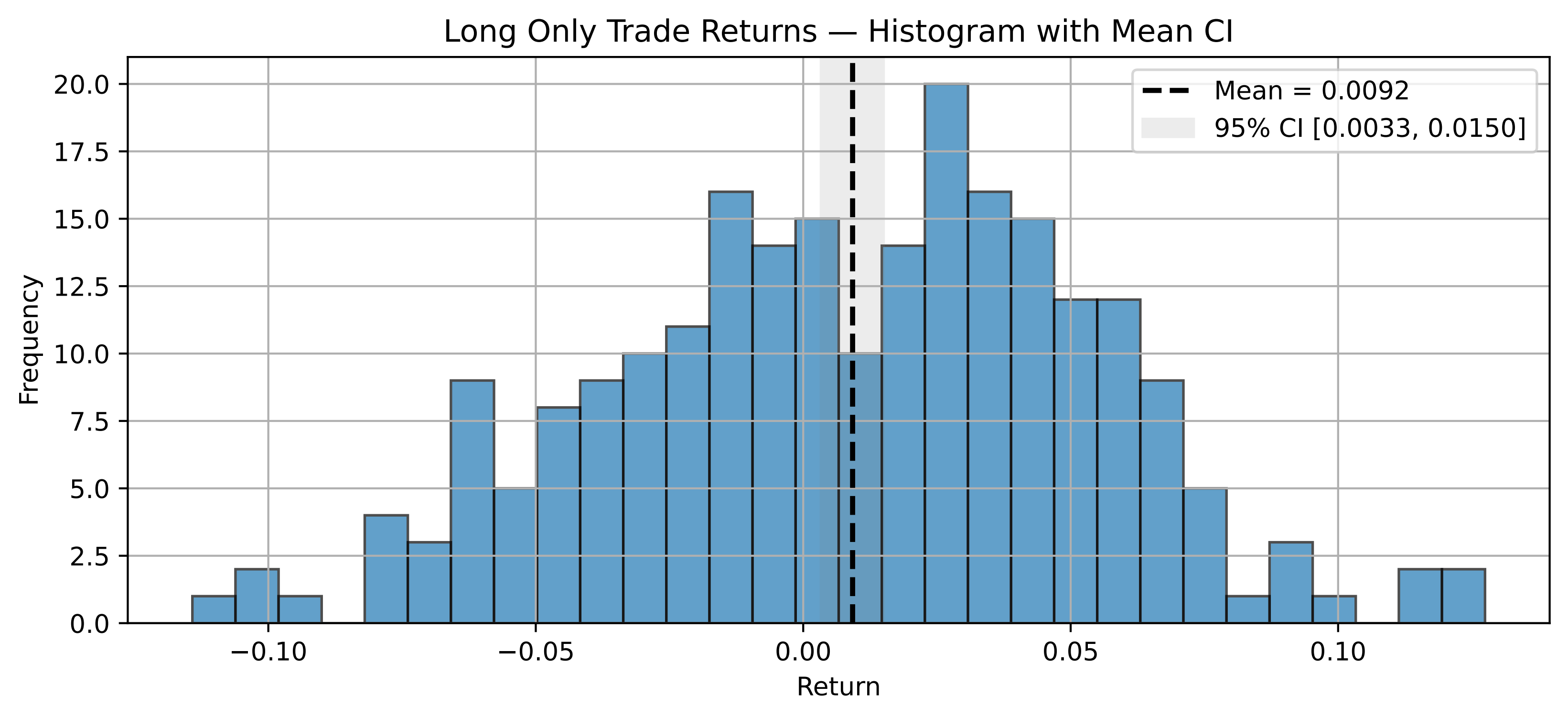
Equity Curves — All Portfolios
Long Only
Short Only
Long-Short
Equity (relative)
0
1
2
3
4
5
6
7
2021-01
2021-07
2022-01
2022-07
2023-01
2023-07
2024-01
2024-07
Date



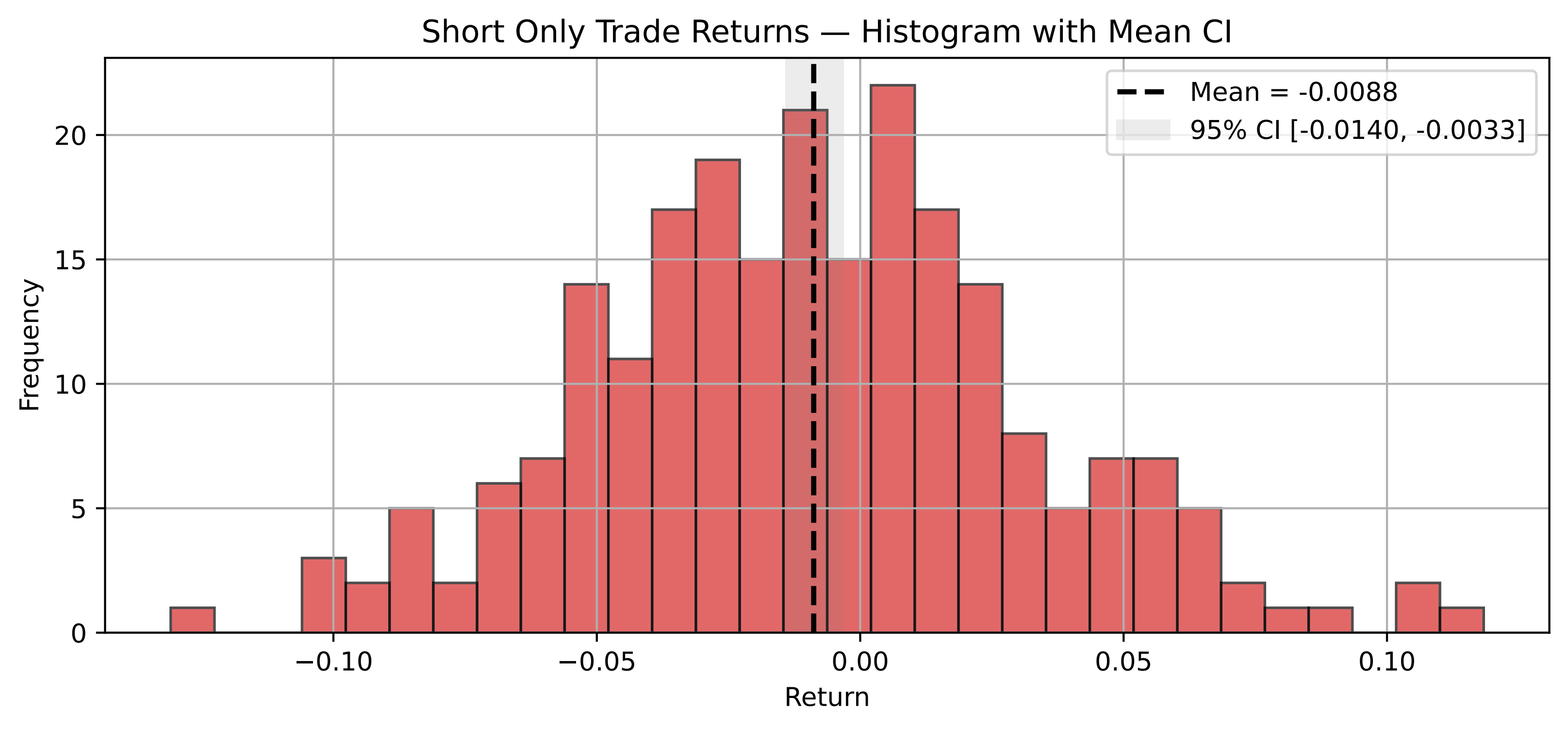
Equity Curve — Long Only
Long Only
Equity (relative)
7
6
5
4
3
2
1
2021-01
2021-07
2022-01
2022-07
2023-01
2023-07
2024-01
2024-07
Date


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

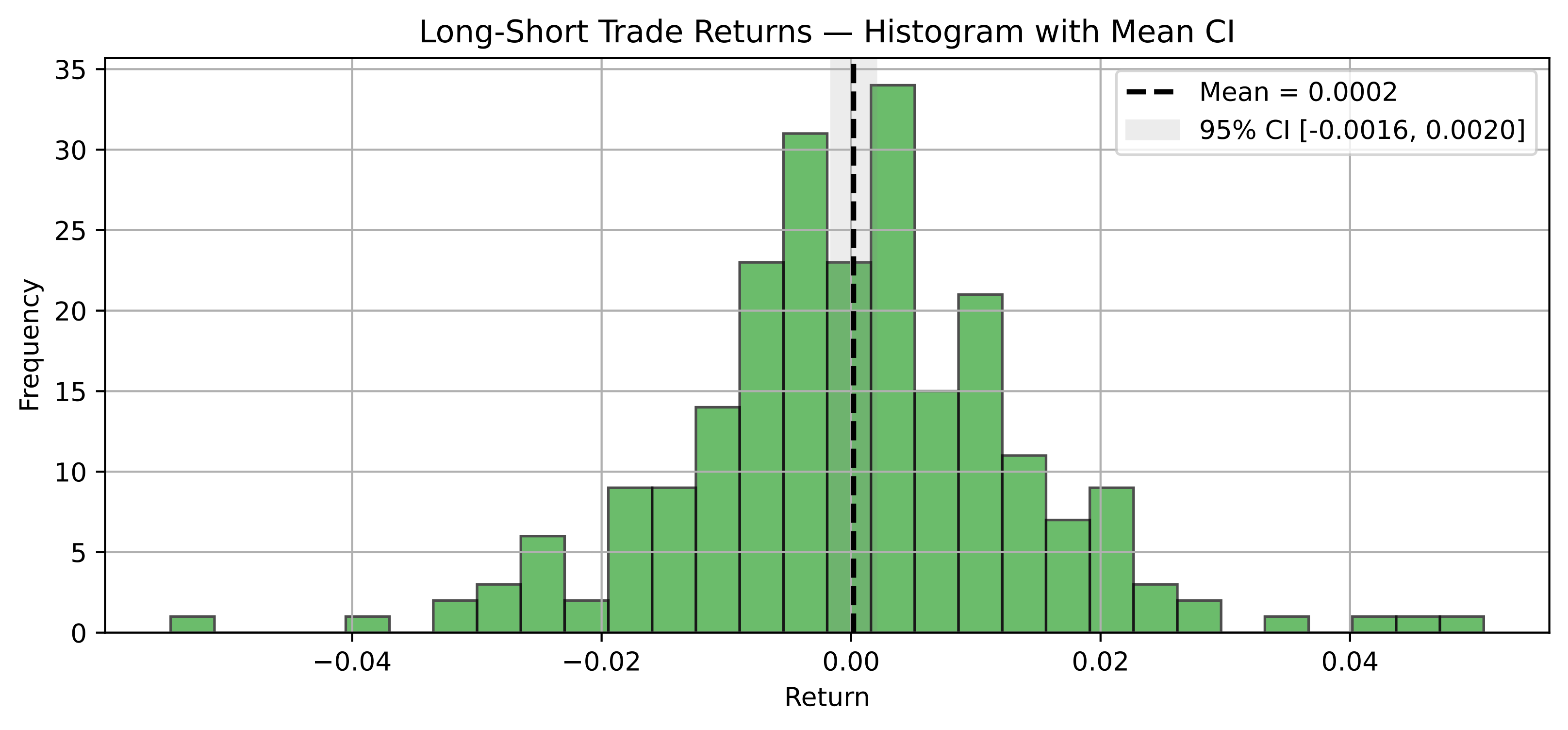

Equity Curve — Long-Short
Long-Short
Equity (relative)
1.10
1.05
1.00
0.95
0.90
2021-01
2021-07
2022-01
2022-07
2023-01
2023-07
2024-01
2024-07
Date



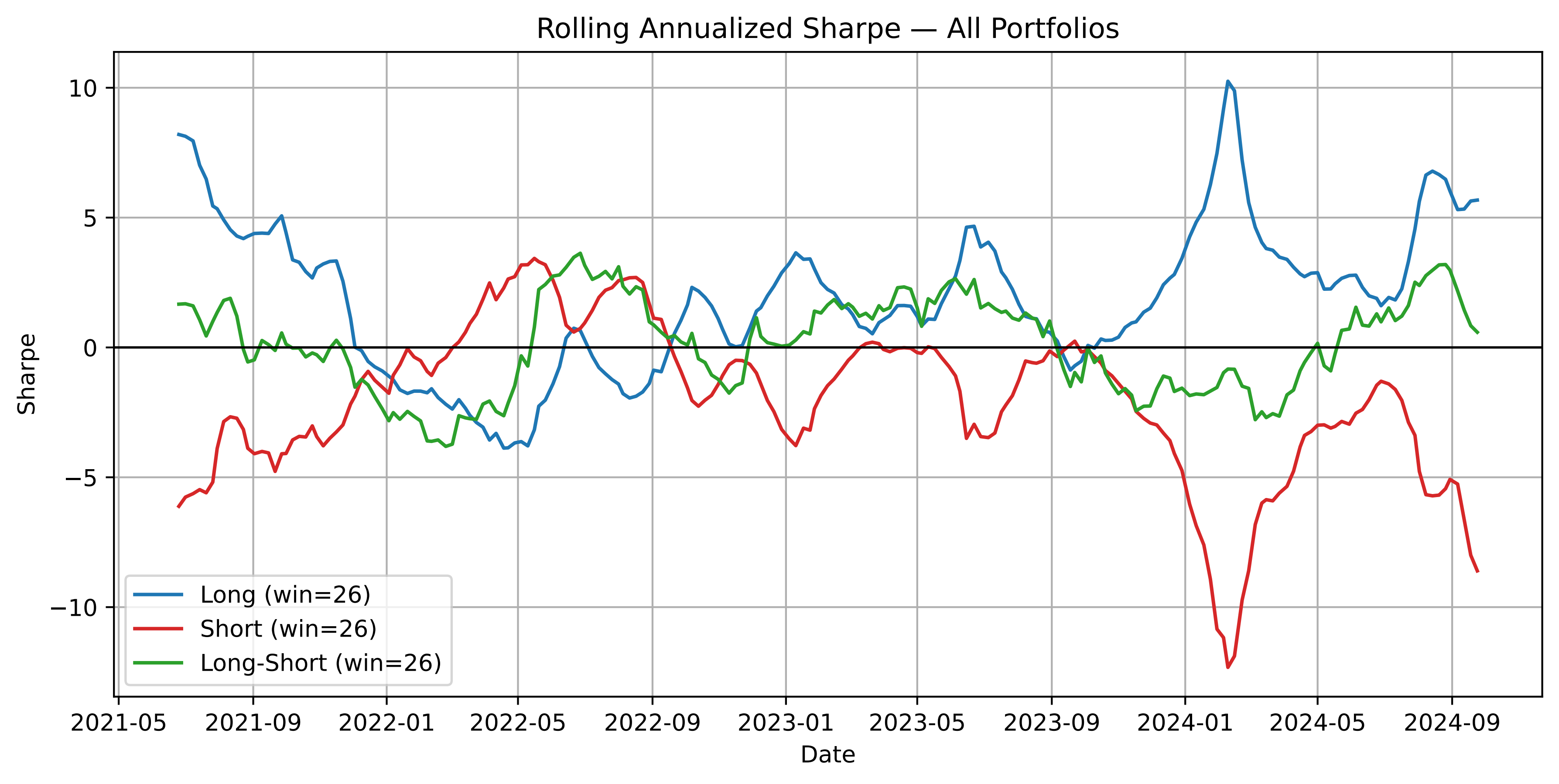
Long Only Trade Returns — Histogram with Mean CI
Mean = 0.0092
95% CI [0.0033, 0.0150]
Frequency
Return
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
−0.10
−0.05
0.00
0.05
0.10

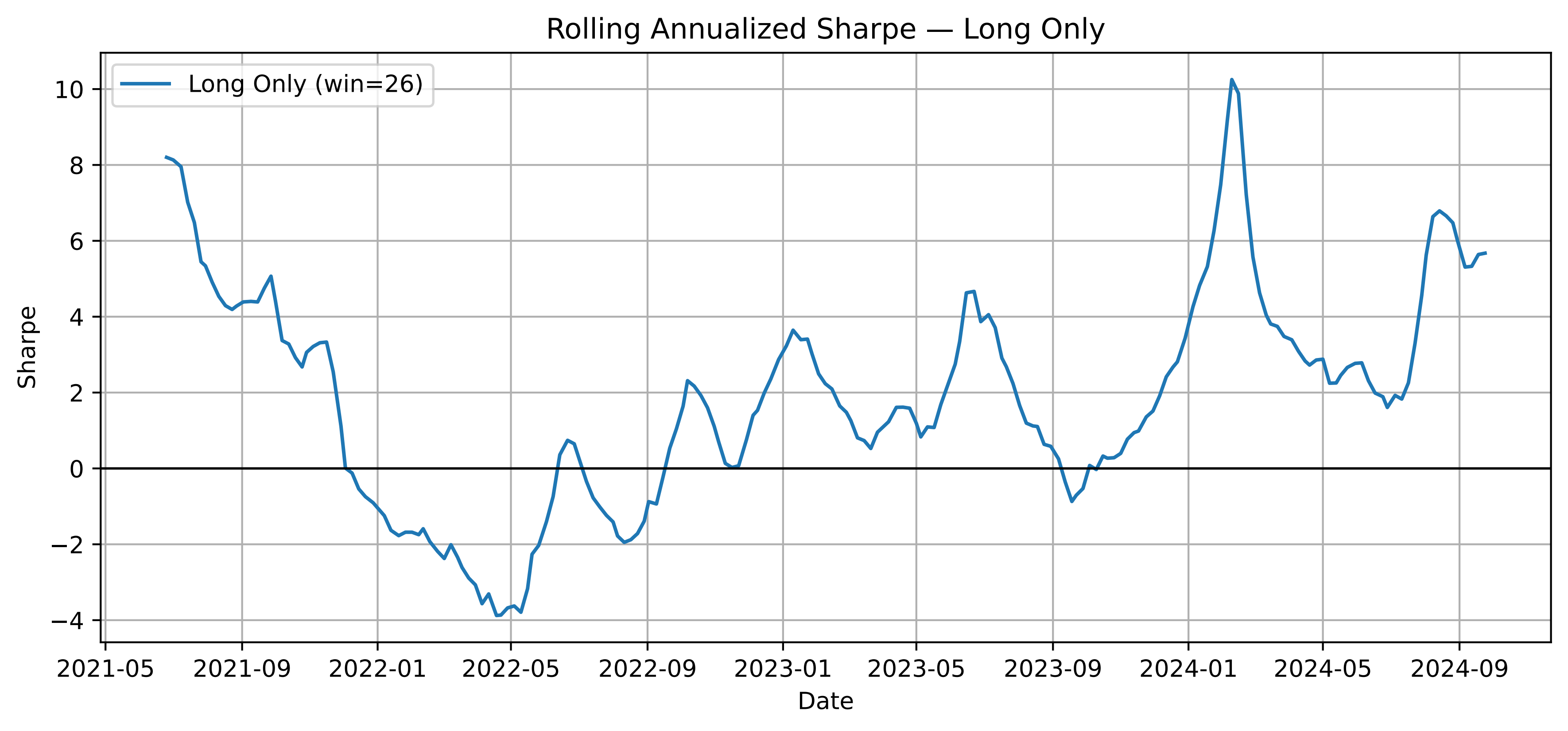


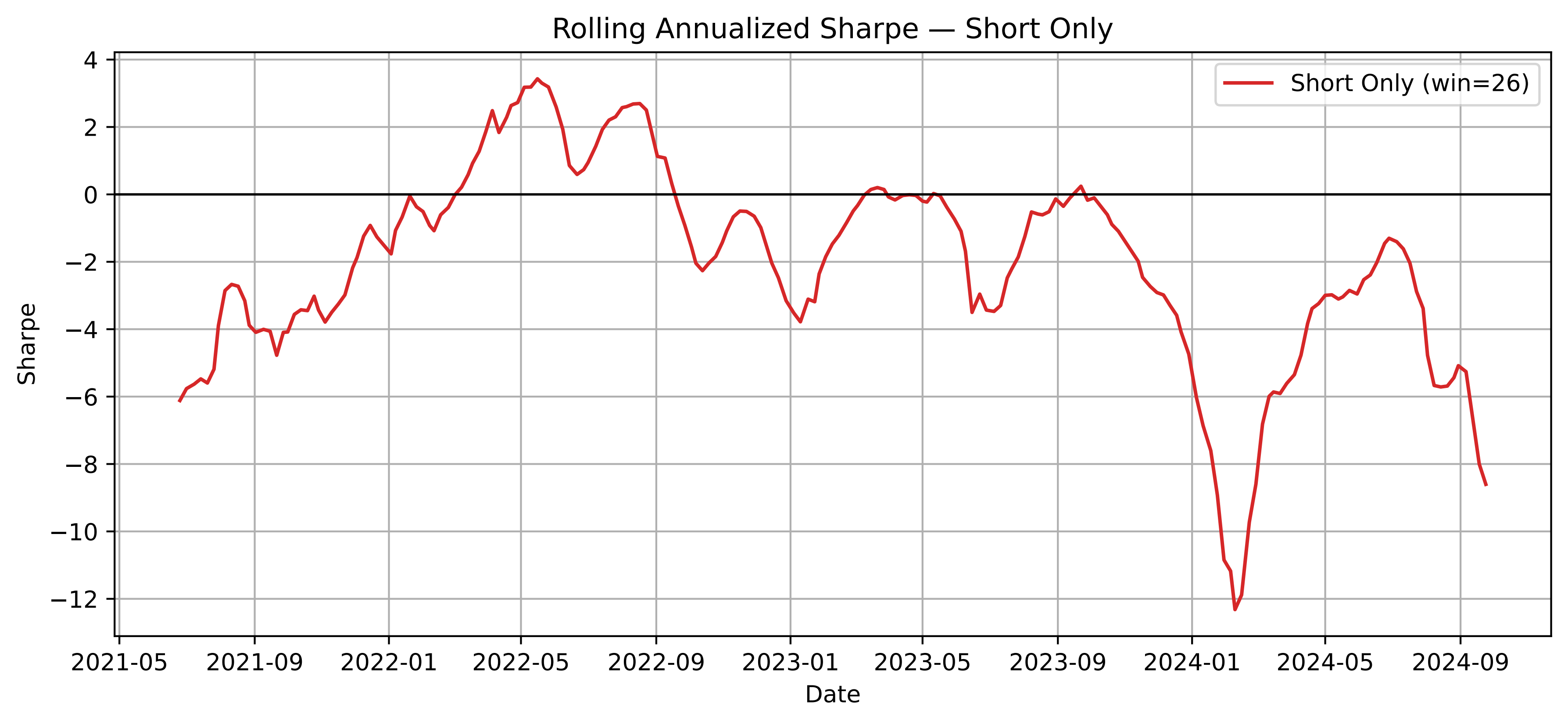
Short Only Trade Returns — Histogram with Mean CI
Mean = -0.0088
95% CI [-0.0140, -0.0033]
Frequency
0
5
10
15
20
−0.10
−0.05
0.00
0.05
0.10
Return



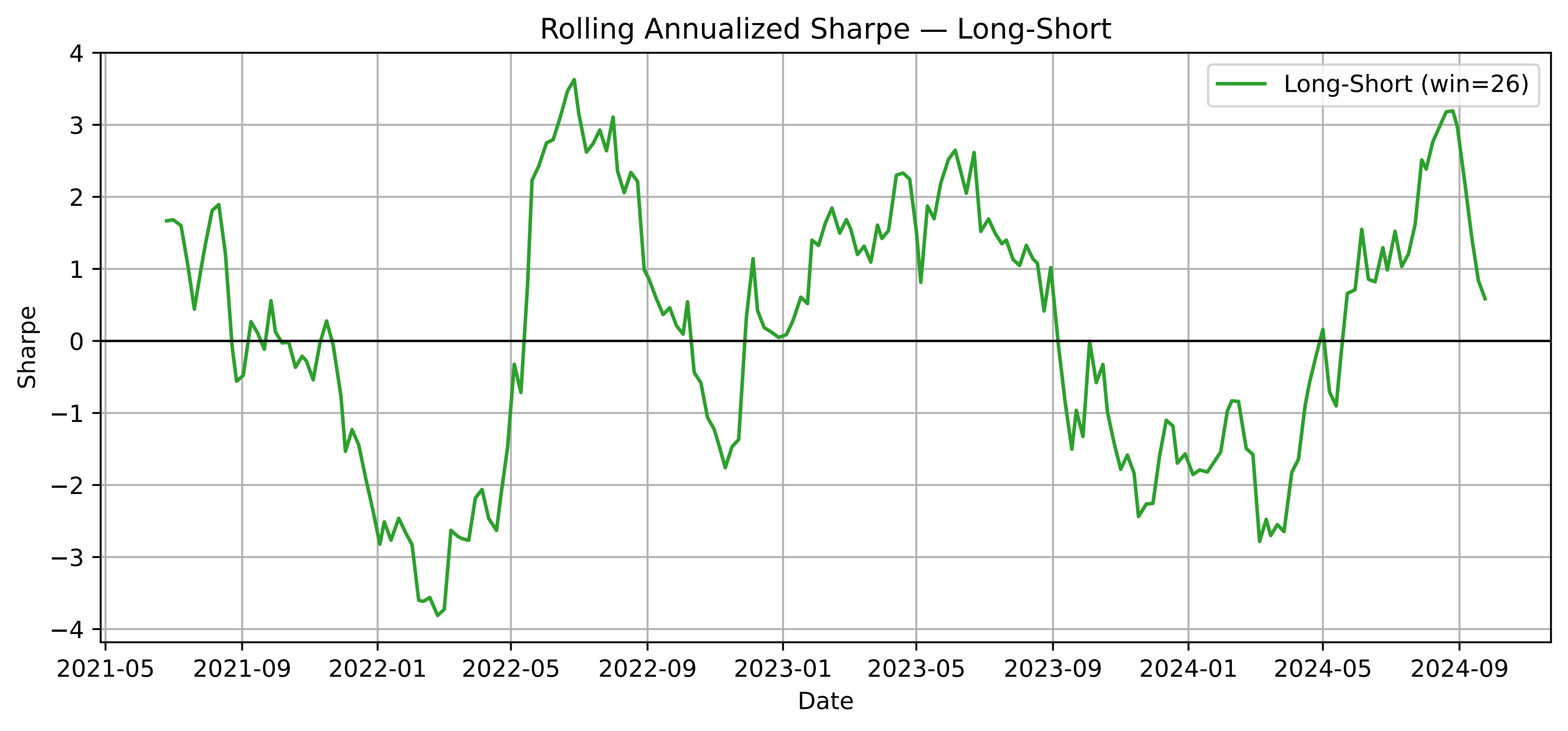
Long-Short Trade Returns — Histogram with Mean CI
Mean = 0.0002
95% CI [-0.0016, 0.0020]
Frequency
Return
0
5
10
15
20
25
30
35
−0.04
−0.02
0.00
0.02
0.04


Rolling Annualized Sharpe — All Portfolios
Sharpe
Date
10
5
0
−5
−10
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
2024-09
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)
4
2
0
−2
−4
−6
−8
−10
−12
Sharpe
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
2024-09
Date



Rolling Annualized Sharpe — Long-Short
Long-Short (win=26)
Sharpe
Date
4
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