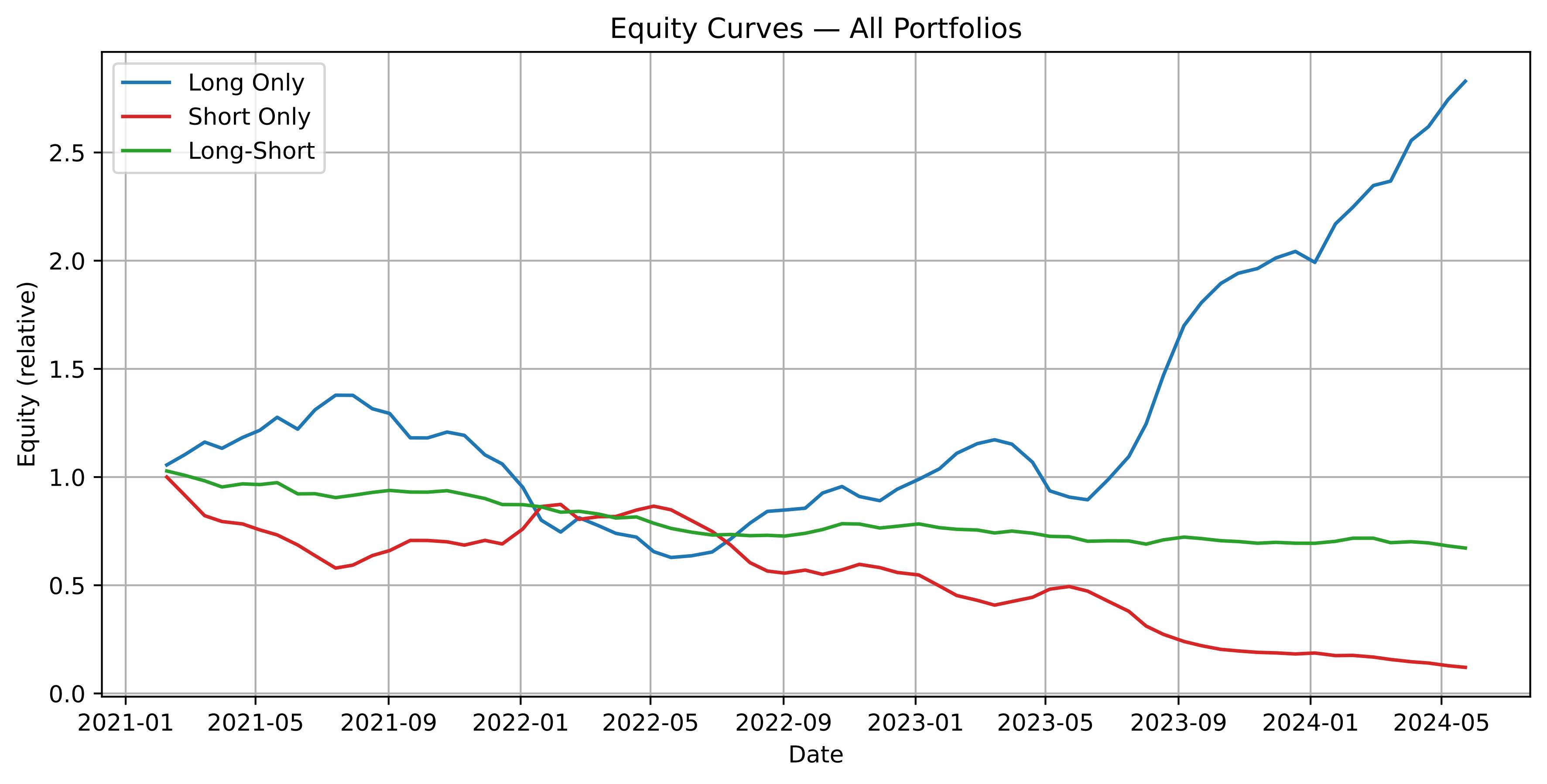
Backtest Report — I20-R60

I (image): 20d | R (response/hold): 60d | Levered: True

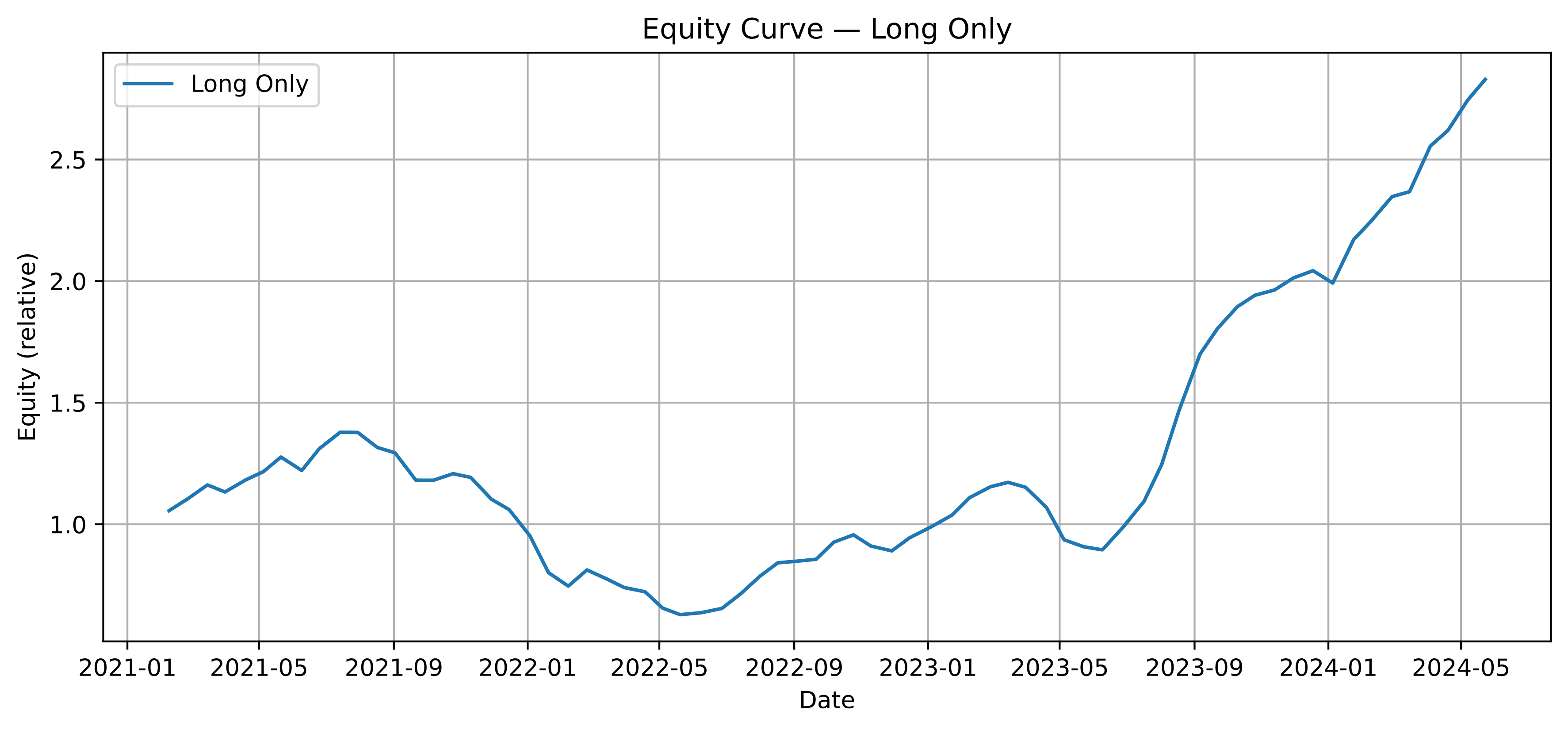
Implicit leverage via overlapping cohorts: 5× frequency → effective step = R/5 = 12.00 trading days (Annualization uses 252/12.00).

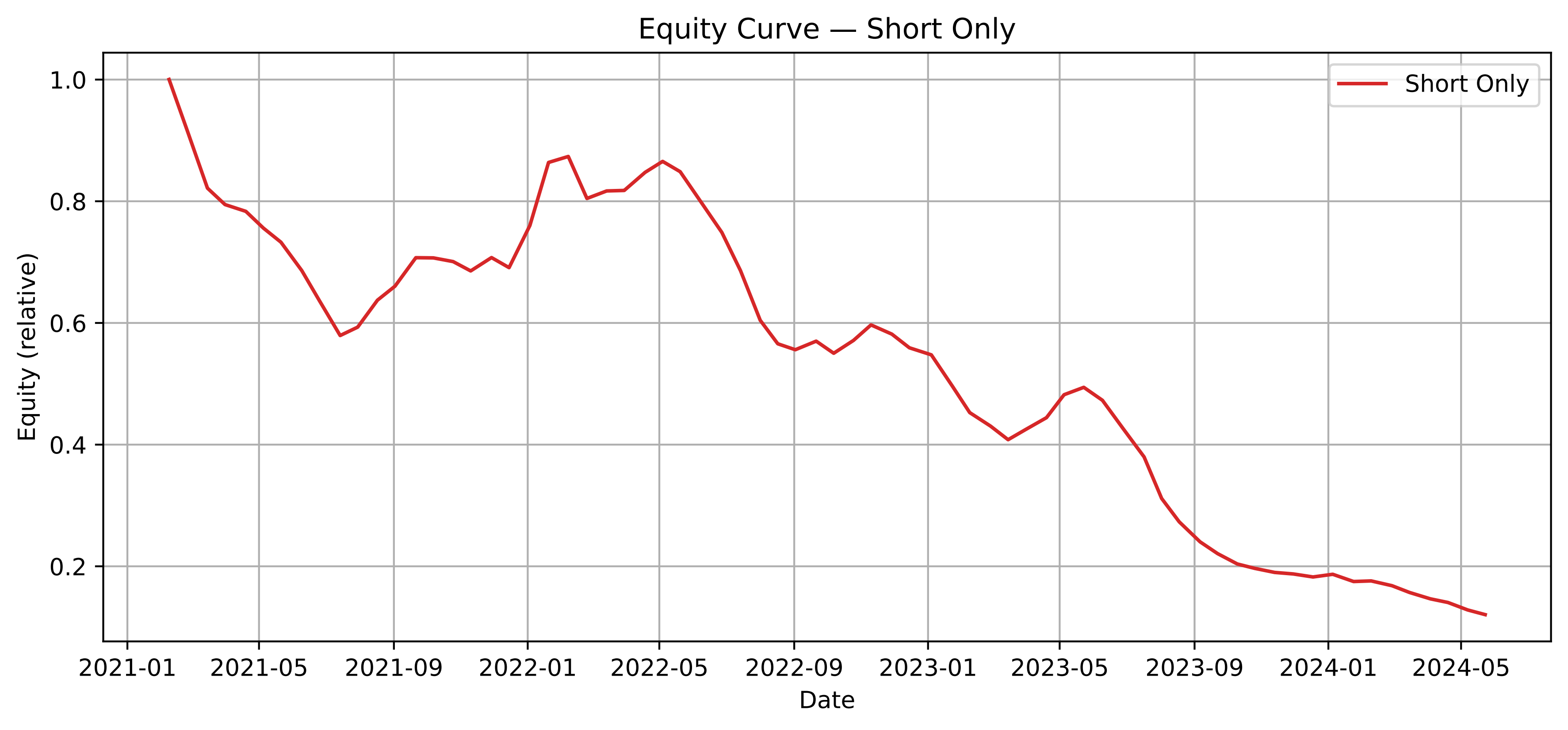
Backtest Summary

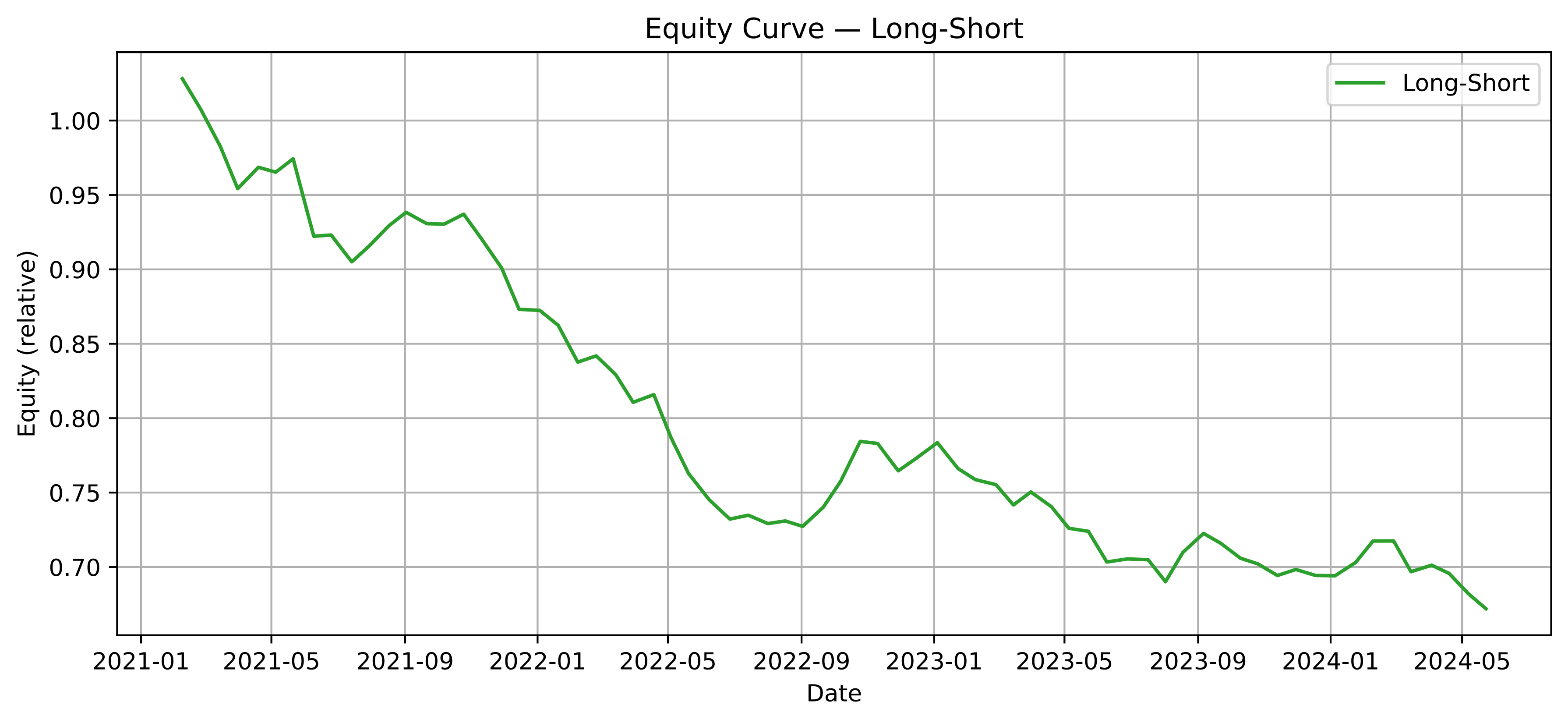
Portfolio	Overall	Ann. Return	Ann. Sharpe	Max DD	Trades	Wins	Losses	Win %	Mean	Std
Long Only	182.93%	36.62%	1.22	-54.41%	3500	44	26	62.86%	0.02	0.06
Short Only	-87.94%	-46.99%	-2.20	-87.95%	3500	22	48	31.43%	-0.03	0.06
Long-Short	-32.81%	-11.24%	-1.46	-34.64%	7000	26	44	37.14%	-0.01	0.02



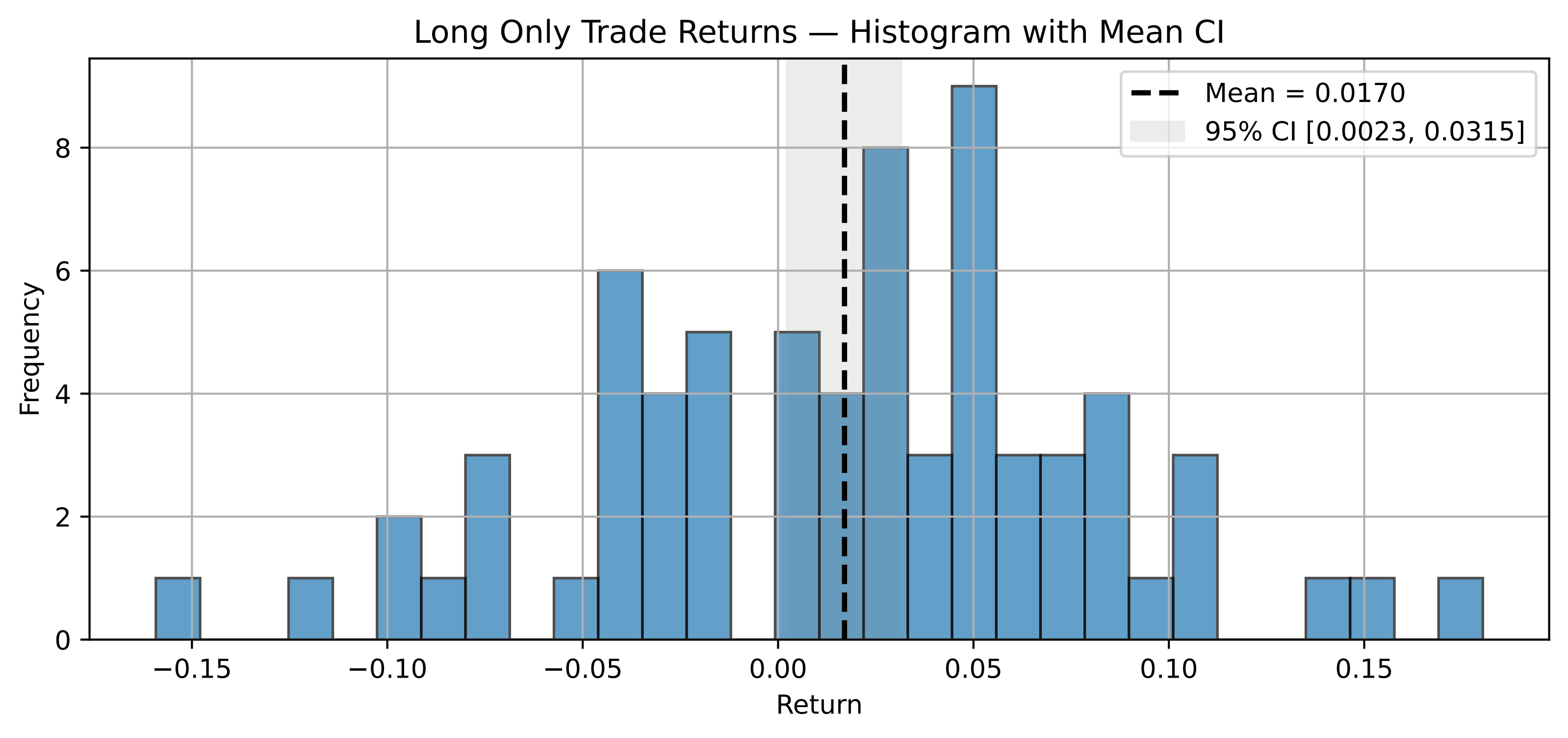
Equity Curves — All Portfolios
Long Only
Short Only
Long-Short
Equity (relative)
0.0
0.5
1.0
1.5
2.0
2.5
2021-01
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
Date


Equity Curve — Long Only
Long Only
Equity (relative)
2.5
2.0
1.5
1.0
2021-01
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
Date

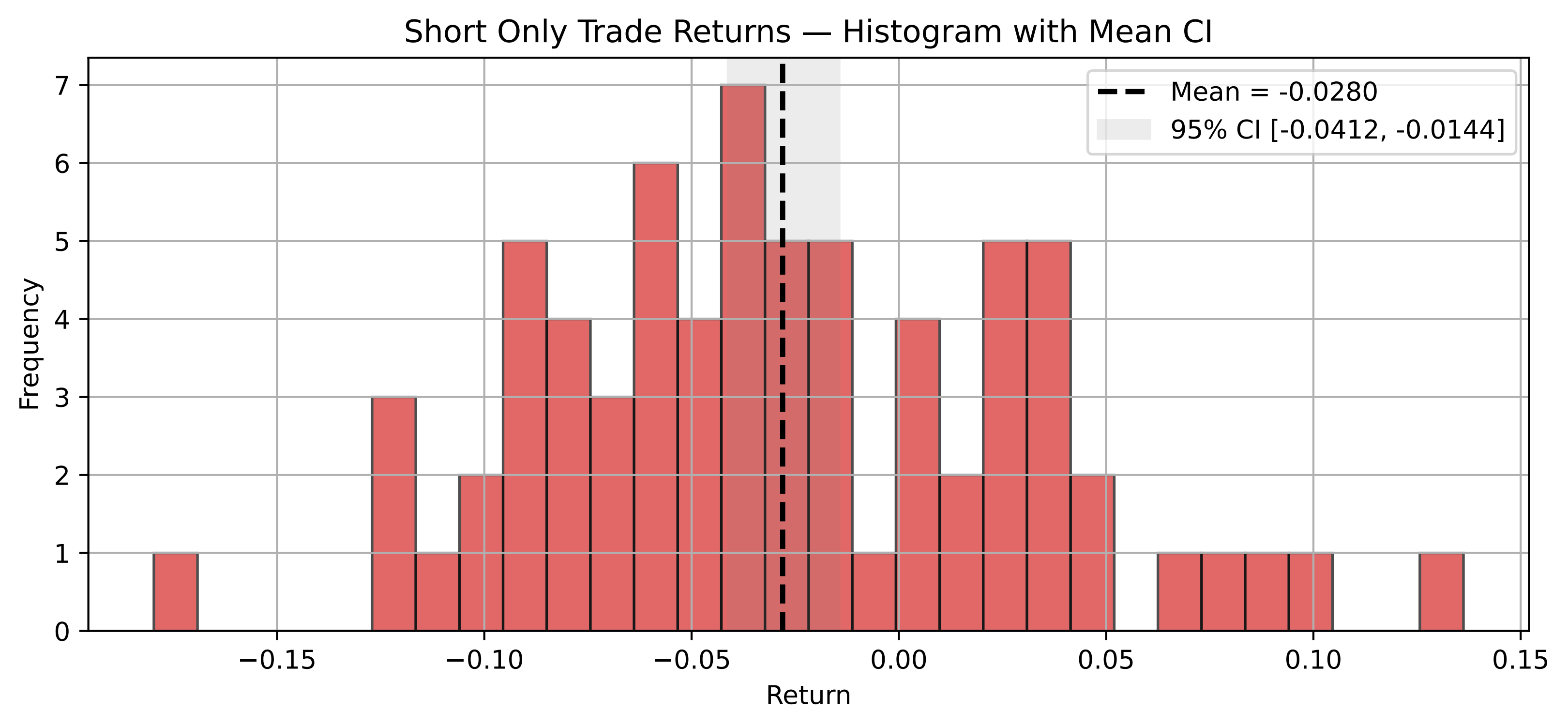

Equity Curve — Short Only
Short Only
Equity (relative)
1.0
0.8
0.6
0.4
0.2
2021-01
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
Date



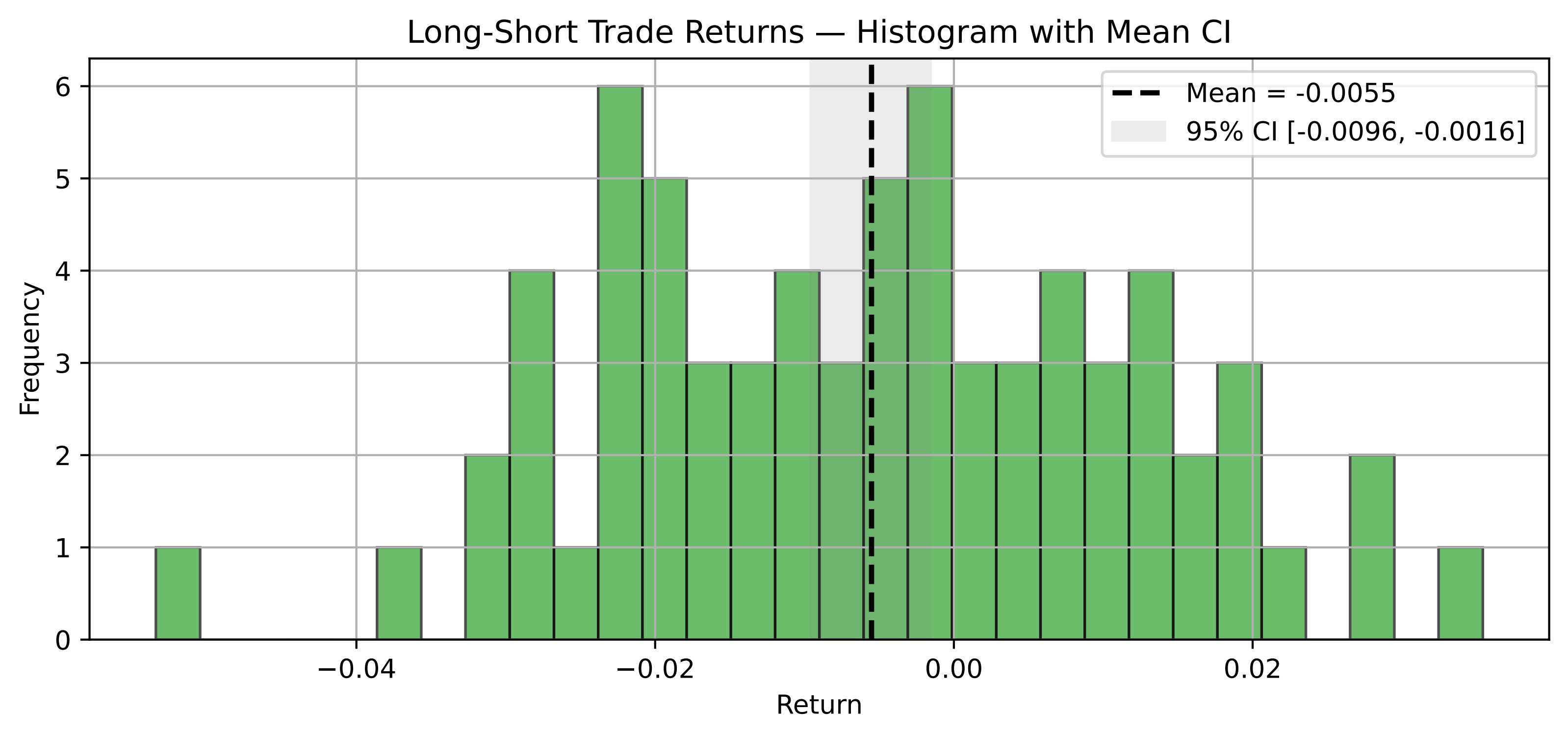
Equity Curve — Long-Short
Long-Short
1.00
0.95
0.90
0.85
0.80
0.75
0.70
Equity (relative)
2021-01
2021-05
2021-09
2022-01
2022-05
2022-09
2023-01
2023-05
2023-09
2024-01
2024-05
Date



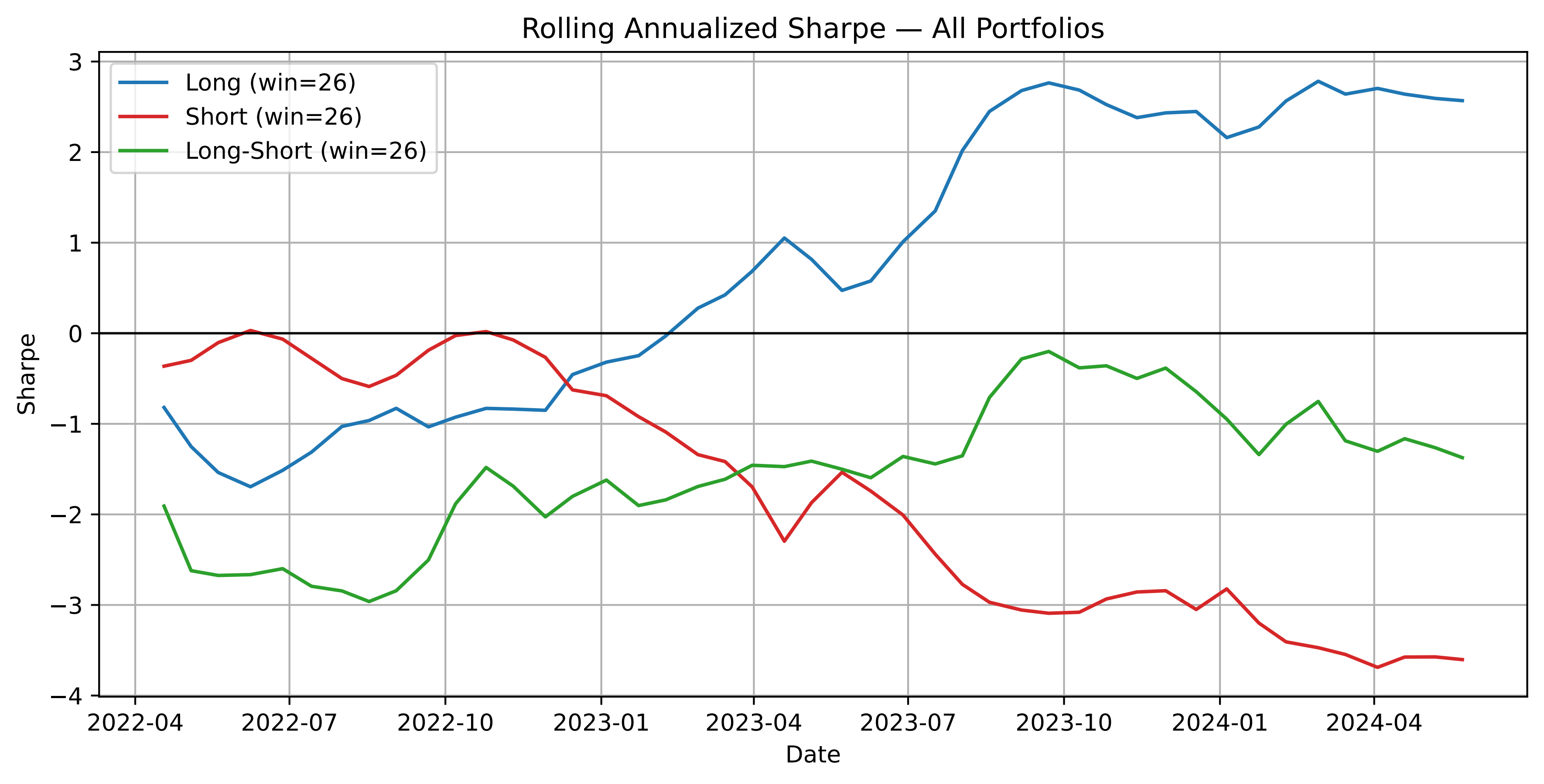
Long Only Trade Returns — Histogram with Mean CI
Mean = 0.0170
95% CI [0.0023, 0.0315]
Frequency
Return
0
2
4
6
8
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15



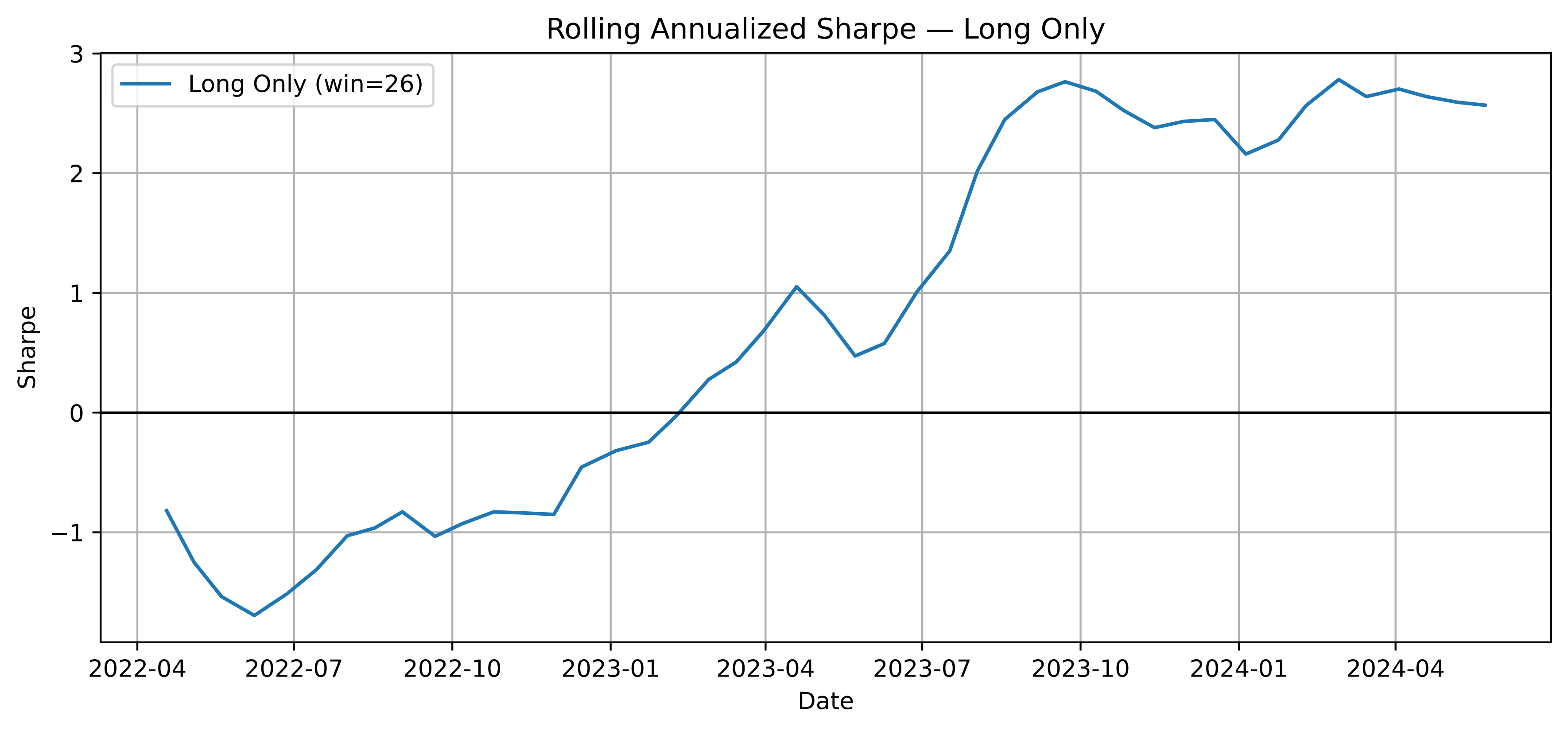
Short Only Trade Returns — Histogram with Mean CI
Mean = -0.0280
95% CI [-0.0412, -0.0144]
Frequency
Return
0
1
2
3
4
5
6
7
−0.15
−0.10
−0.05
0.00
0.05
0.10
0.15

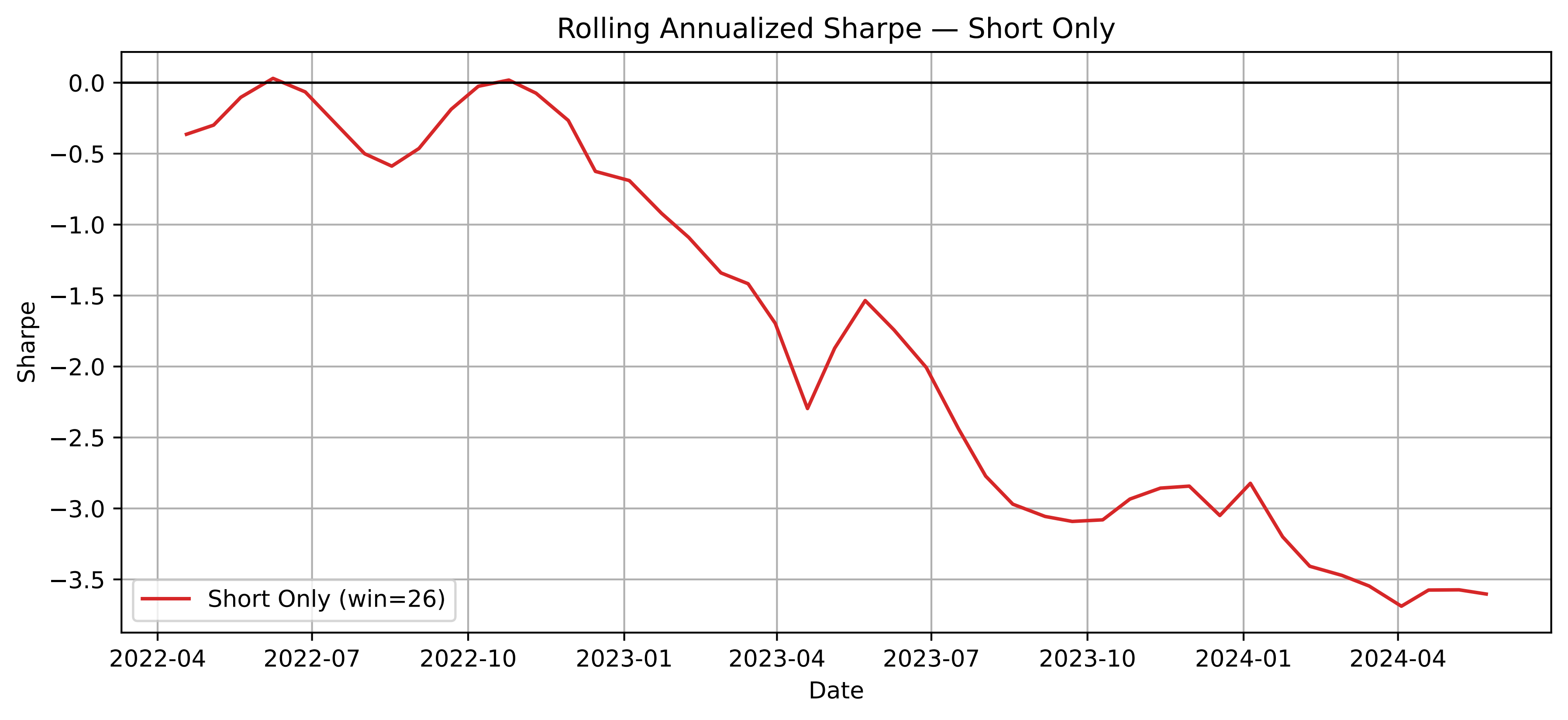


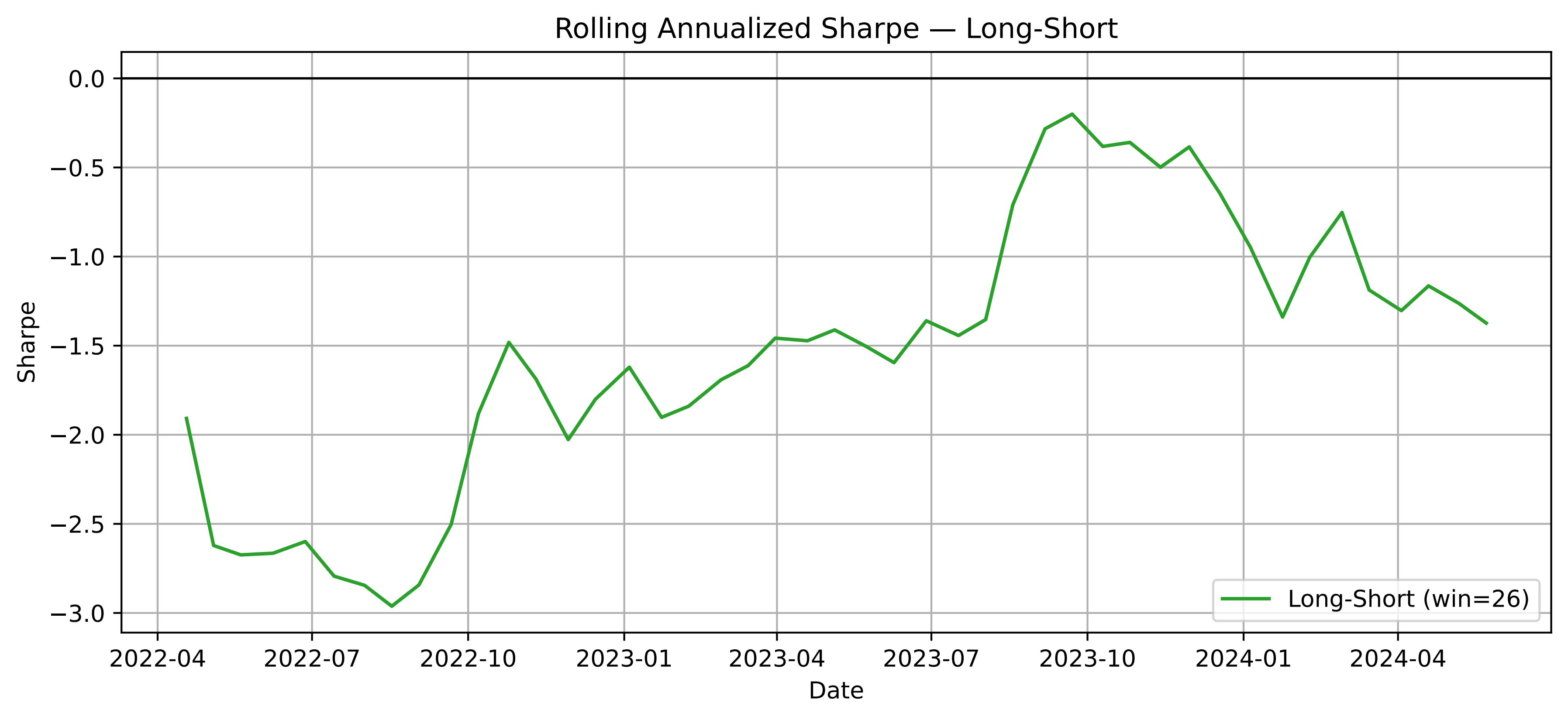
Long-Short Trade Returns — Histogram with Mean CI
Mean = -0.0055
95% CI [-0.0096, -0.0016]
Frequency
0
1
2
3
4
5
6
Return
−0.04
−0.02
0.00
0.02



Rolling Annualized Sharpe — All Portfolios
Long (win=26)
Short (win=26)
Long-Short (win=26)
Sharpe
Date
3
2
1
0
−1
−2
−3
−4
2022-04
2022-07
2022-10
2023-01
2023-04
2023-07
2023-10
2024-01
2024-04


Rolling Annualized Sharpe — Long Only
Long Only (win=26)
Sharpe
Date
3
2
1
0
−1
2022-04
2022-07
2022-10
2023-01
2023-04
2023-07
2023-10
2024-01
2024-04


Rolling Annualized Sharpe — Short Only
Sharpe
Date
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
−3.5
2022-04
2022-07
2022-10
2023-01
2023-04
2023-07
2023-10
2024-01
2024-04
Short Only (win=26)



Rolling Annualized Sharpe — Long-Short
Sharpe
Date
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
−3.0
2022-04
2022-07
2022-10
2023-01
2023-04
2023-07
2023-10
2024-01
2024-04
Long-Short (win=26)