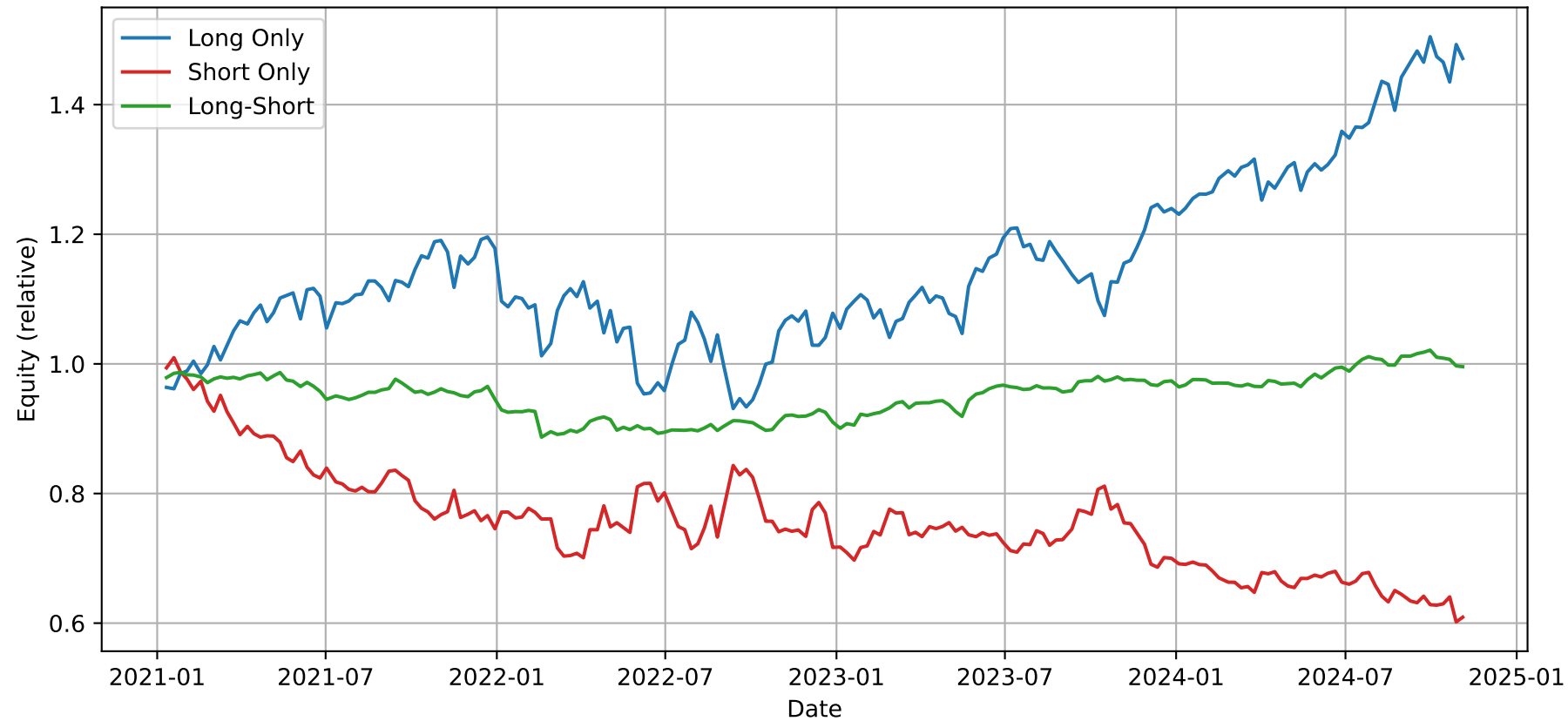


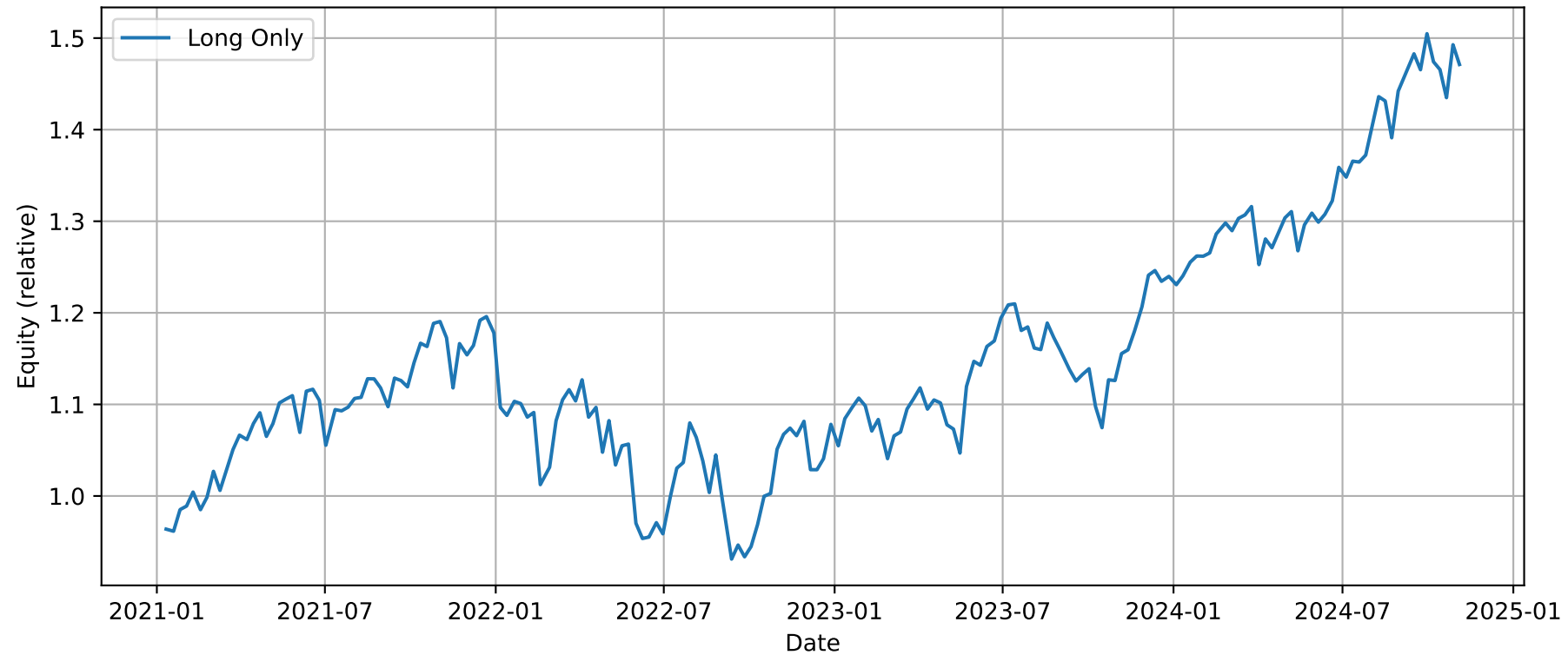
Backtest Summary

Portfolio	Overall	Ann. Return	Ann. Sharpe	Max DD	Trades	Wins	Losses	Win %	Mean	Std
Long Only	47.11%	10.61%	0.68	-22.15%	9650	115	78	59.59%	0.00	0.02
Short Only	-39.09%	-12.14%	-0.67	-40.39%	9650	80	113	41.45%	-0.00	0.02
Long-Short	-0.43%	-0.11%	0.01	-10.13%	19300	101	92	52.33%	0.00	0.01

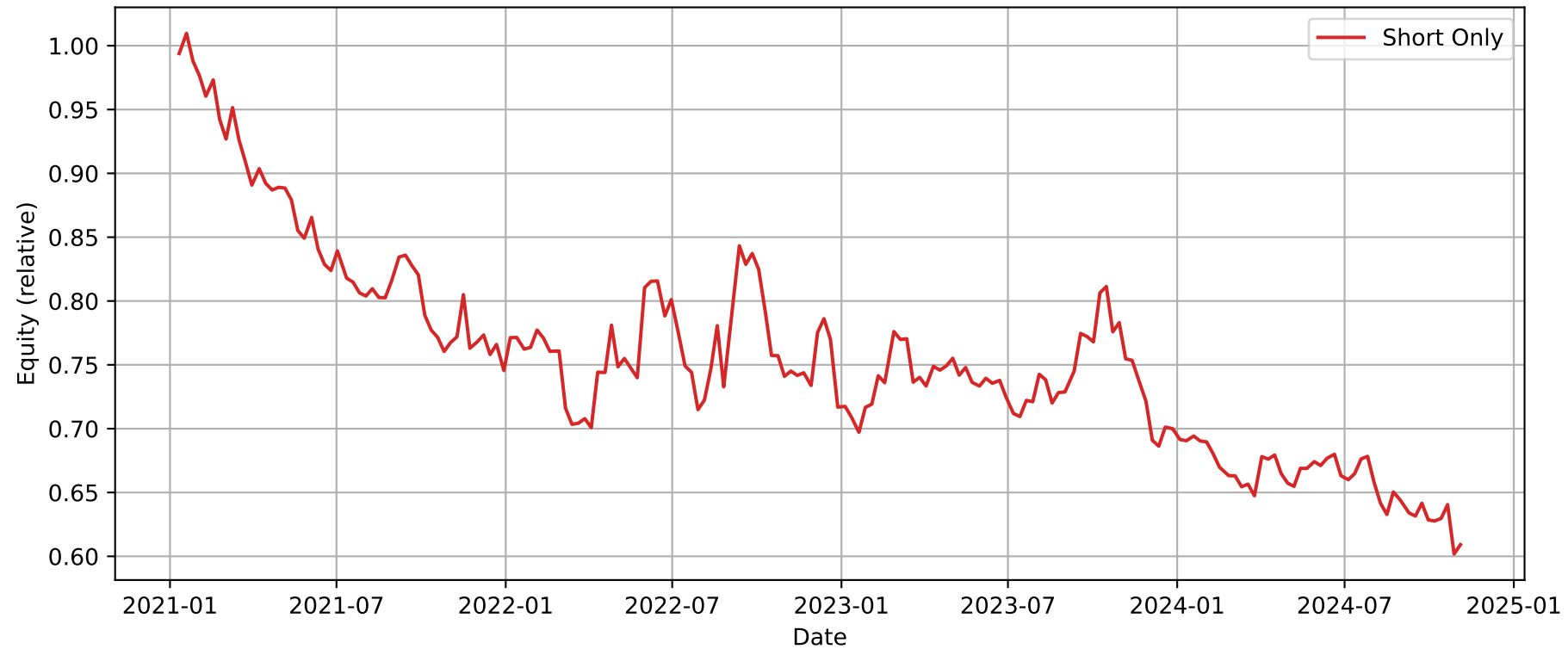
Equity Curves — All Portfolios



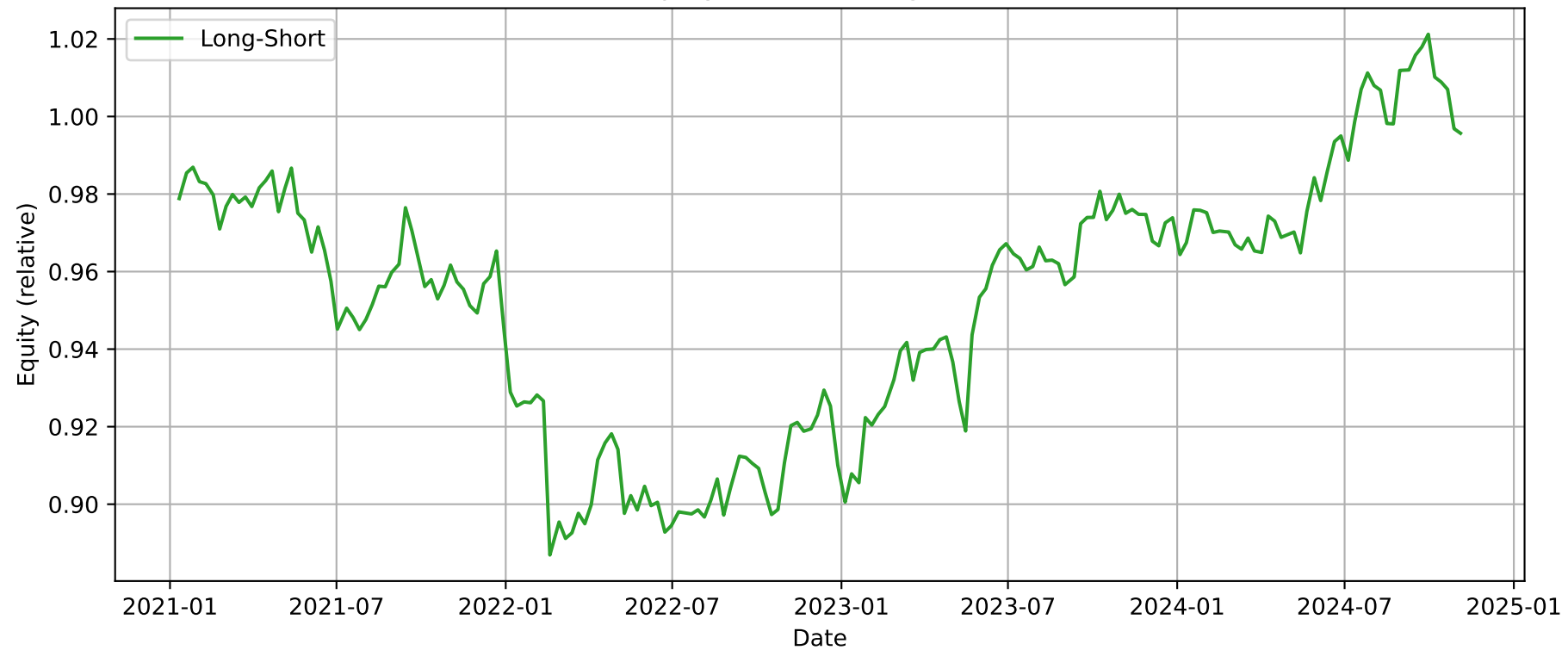
Equity Curve — Long Only



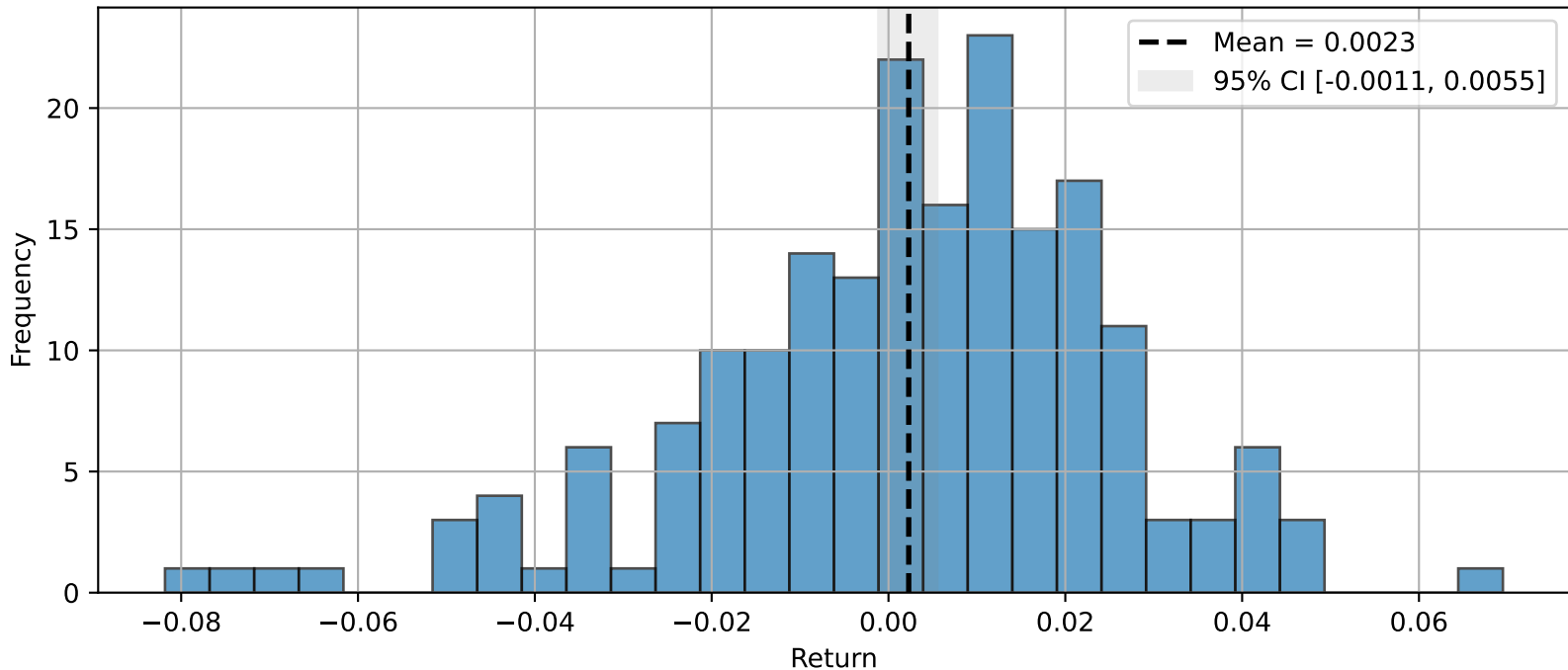
Equity Curve — Short Only



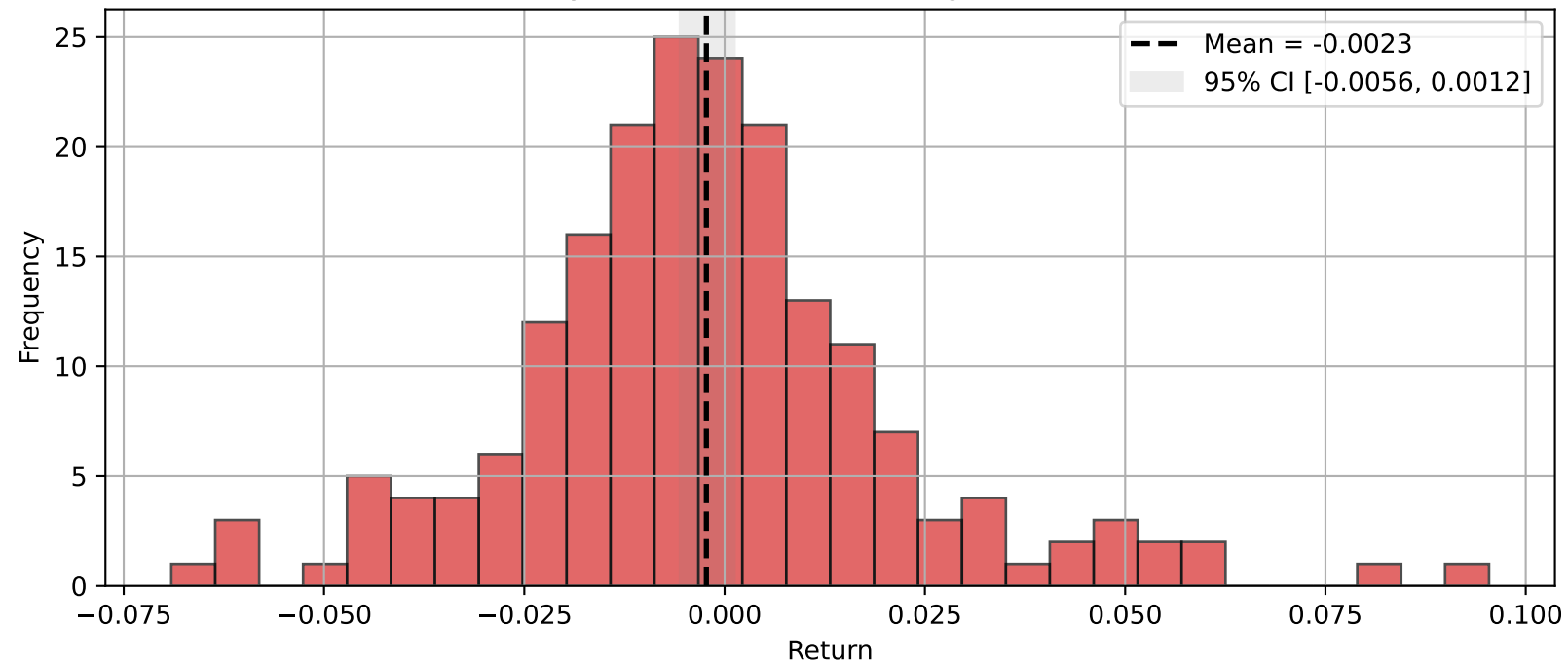
Equity Curve — Long-Short



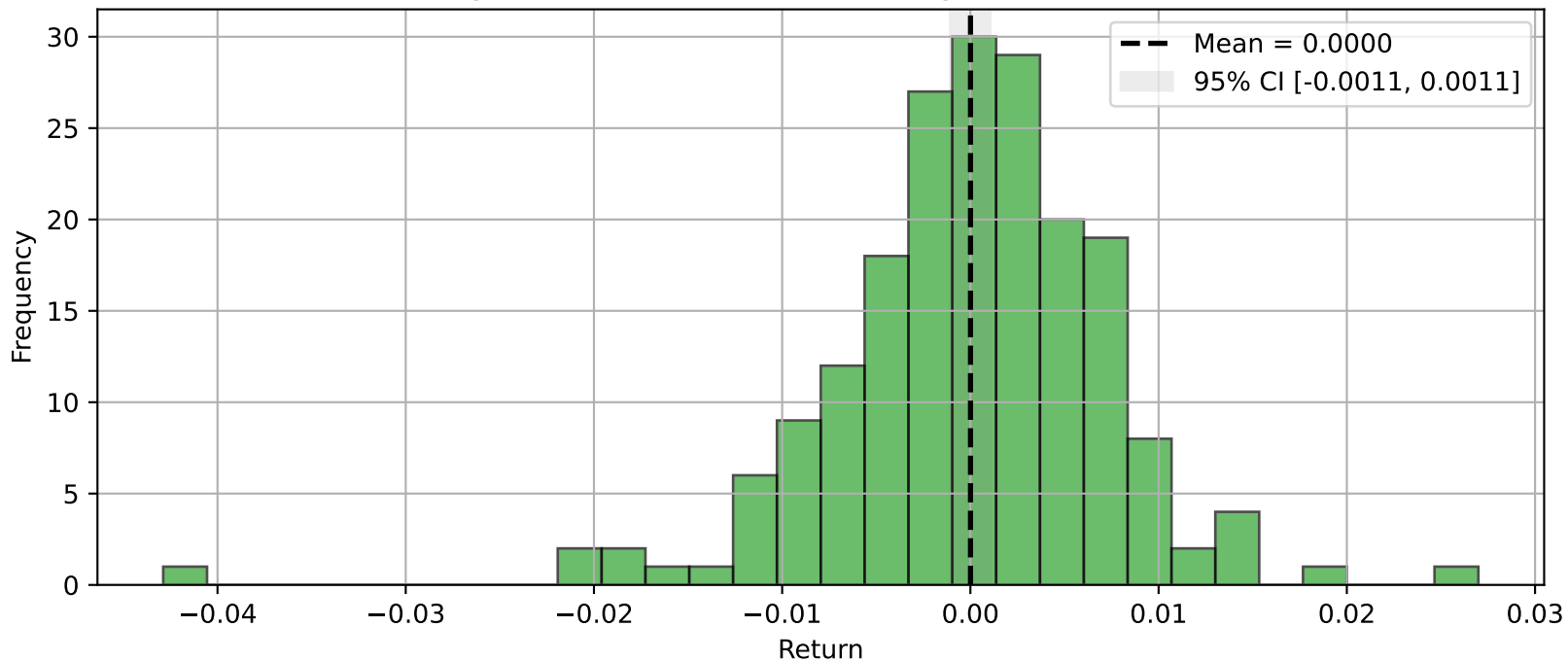
Long Only Trade Returns — Histogram with Mean CI



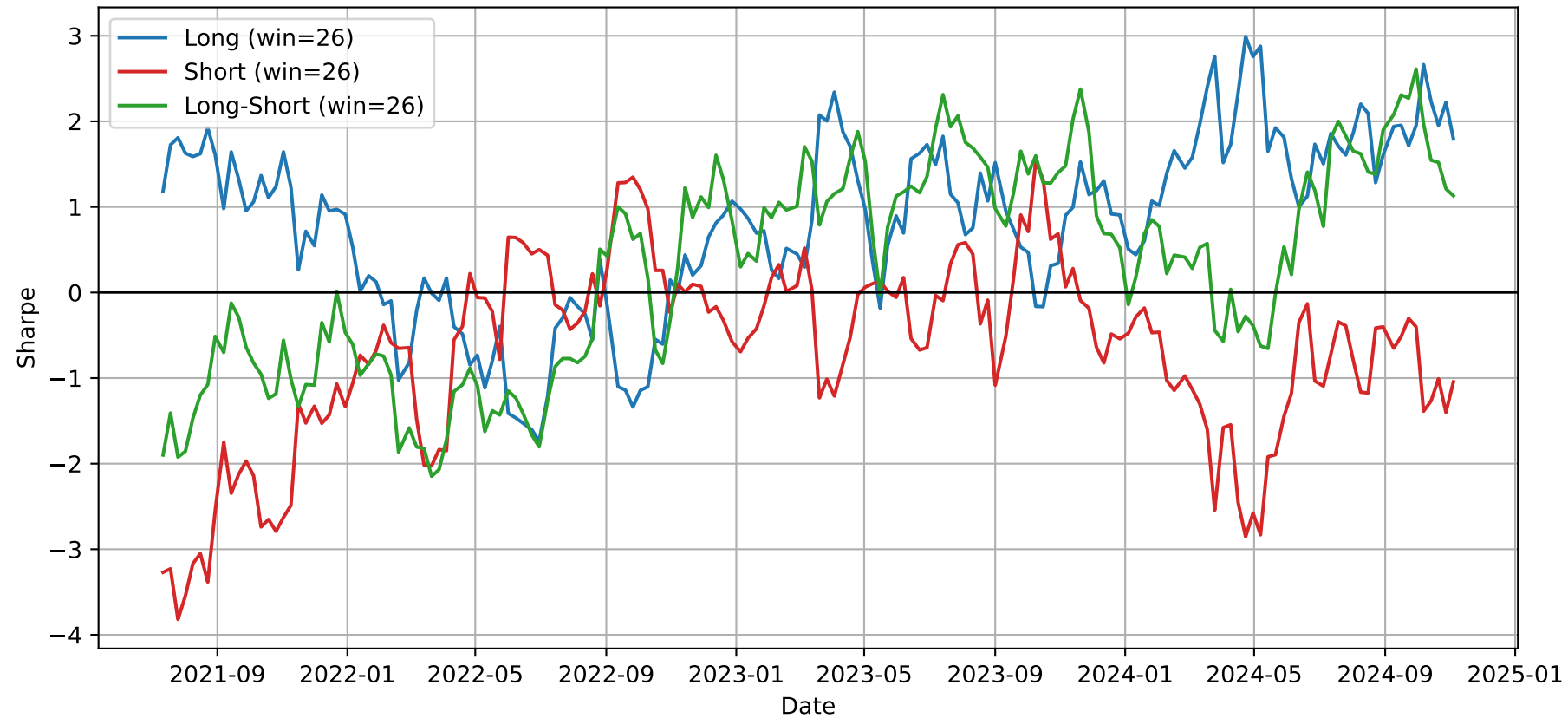
Short Only Trade Returns — Histogram with Mean CI



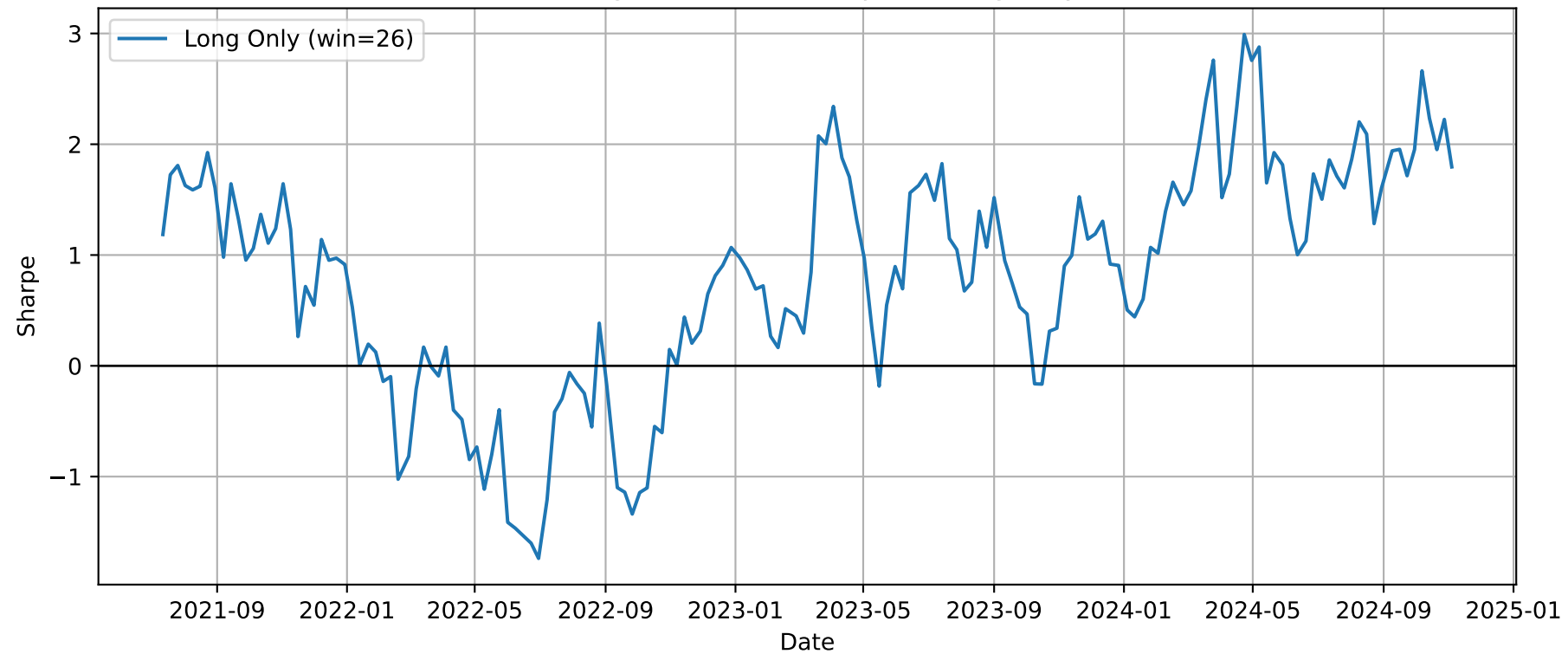
Long-Short Trade Returns — Histogram with Mean CI



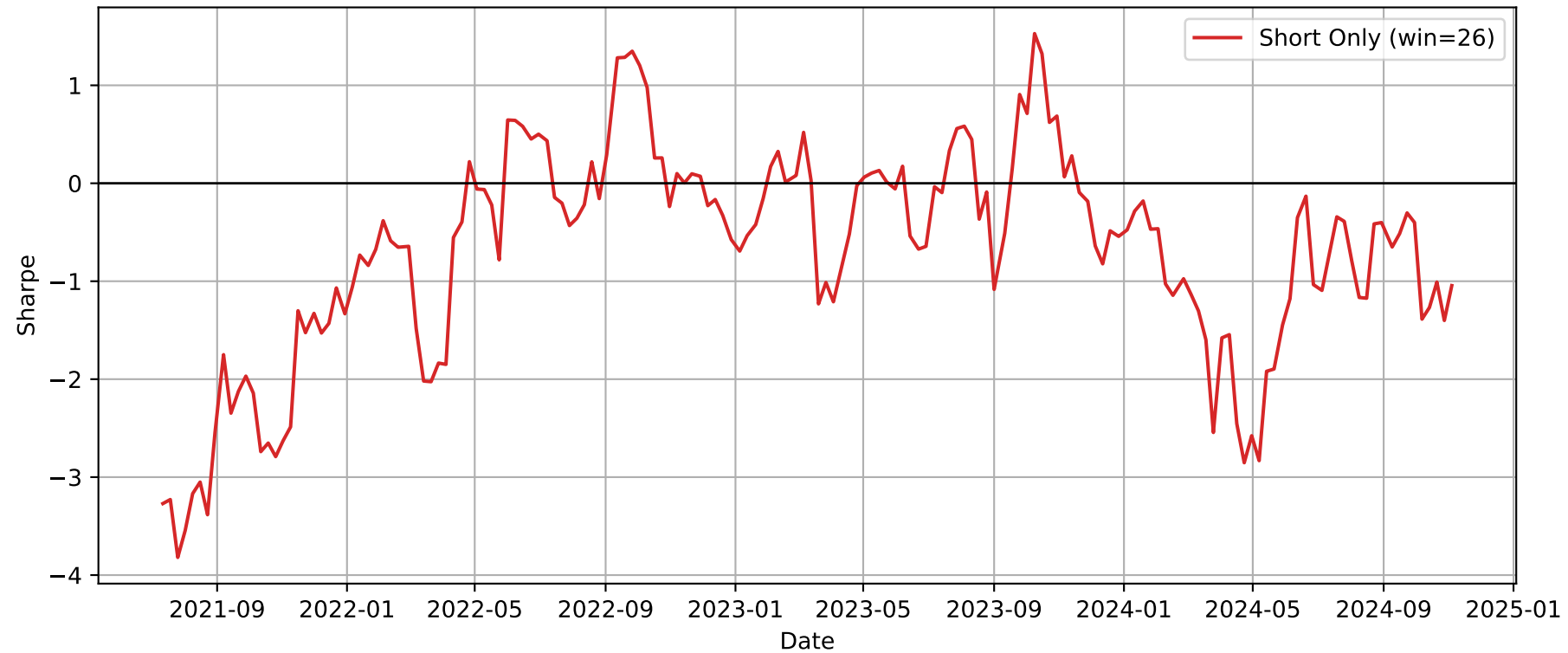
Rolling Annualized Sharpe — All Portfolios



Rolling Annualized Sharpe — Long Only



Rolling Annualized Sharpe — Short Only



Rolling Annualized Sharpe — Long-Short

