RISK ANALYTICS REPORT

Test_Individual_Goldman - Quantitative Analysis

Risk-Adjusted Performance Metrics

Metric	1-Year	3-Year	5-Year	Since Inception
Sharpe Ratio	-1.04	-0.89	-0.81	-0.86
Sortino Ratio	-0.85	-0.74	-0.72	-0.74
Calmar Ratio	-0.34	-0.29	-0.27	-0.28
Omega Ratio	0.47	0.43	0.41	0.42
Treynor Ratio	-13.8%	-12.5%	-11.8%	-12.2%
Information Ratio	0.38	0.33	0.31	0.32
Ulcer Index	14.9	17.1	18.6	17.8

Volatility & Drawdown Analysis

Metric	Portfolio	Benchmark	Difference
Annualized Volatility	12.6%	13.3%	-0.7%
Maximum Drawdown	-26.9%	-27.8%	+0.9%
Downside Deviation	15.6%	16.9%	-1.3%
Beta	0.95	1.00	-0.05
Alpha (Annualized)	2.5%	0.0%	+2.5%
R-Squared	0.94	1.00	-
Tracking Error	4.2%	-	-

Tail Risk Analysis

Risk Measure	95% Confidence	99% Confidence
Value at Risk (VaR)	7.0%	10.5%
Conditional VaR (CVaR)	7.3%	10.2%

Methodology: All metrics calculated using GIPS-compliant Time-Weighted Return (TWR) methodology. Risk metrics computed using institutional-grade algorithms from CapX100 Risk Engine.