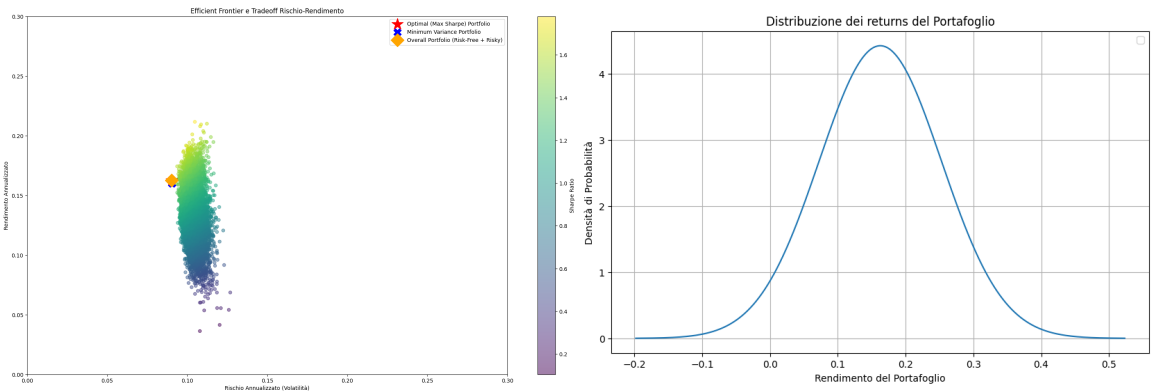


# Markowitz Portfolio Optimization

## Analysis Summary

- Fetched data from 2015-01-01 to 2025-01-01
- Portafoglio Max Sharpe:
- Expected Return = 16.27%,
- Volatilità = 9.01%
- Portafoglio Complessivo (Risk-Free + Risky):
- Expected Return = 16.27%,
- Volatilità = 9.01%
- VaR al 1%: 47.00 EUR
- VaR al 5%: 0.00 EUR

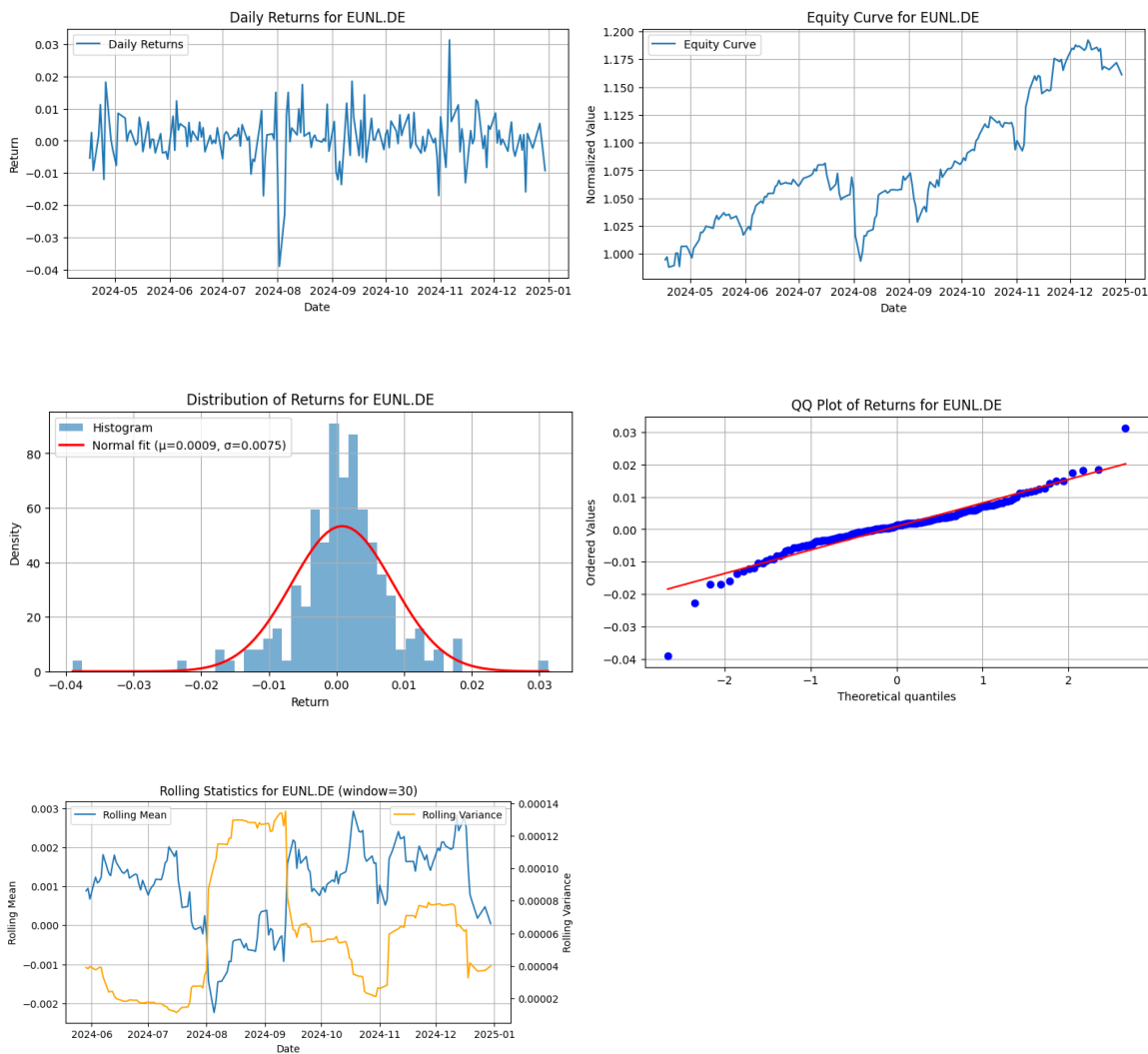
ETF	Allocazione MaxSharpe (EUR)
AMES.DE	151
GC40.DE	79
PPFB.DE	273
QDV5.DE	74
SXR8.DE	211
SXRW.DE	212
Risk-Free	0



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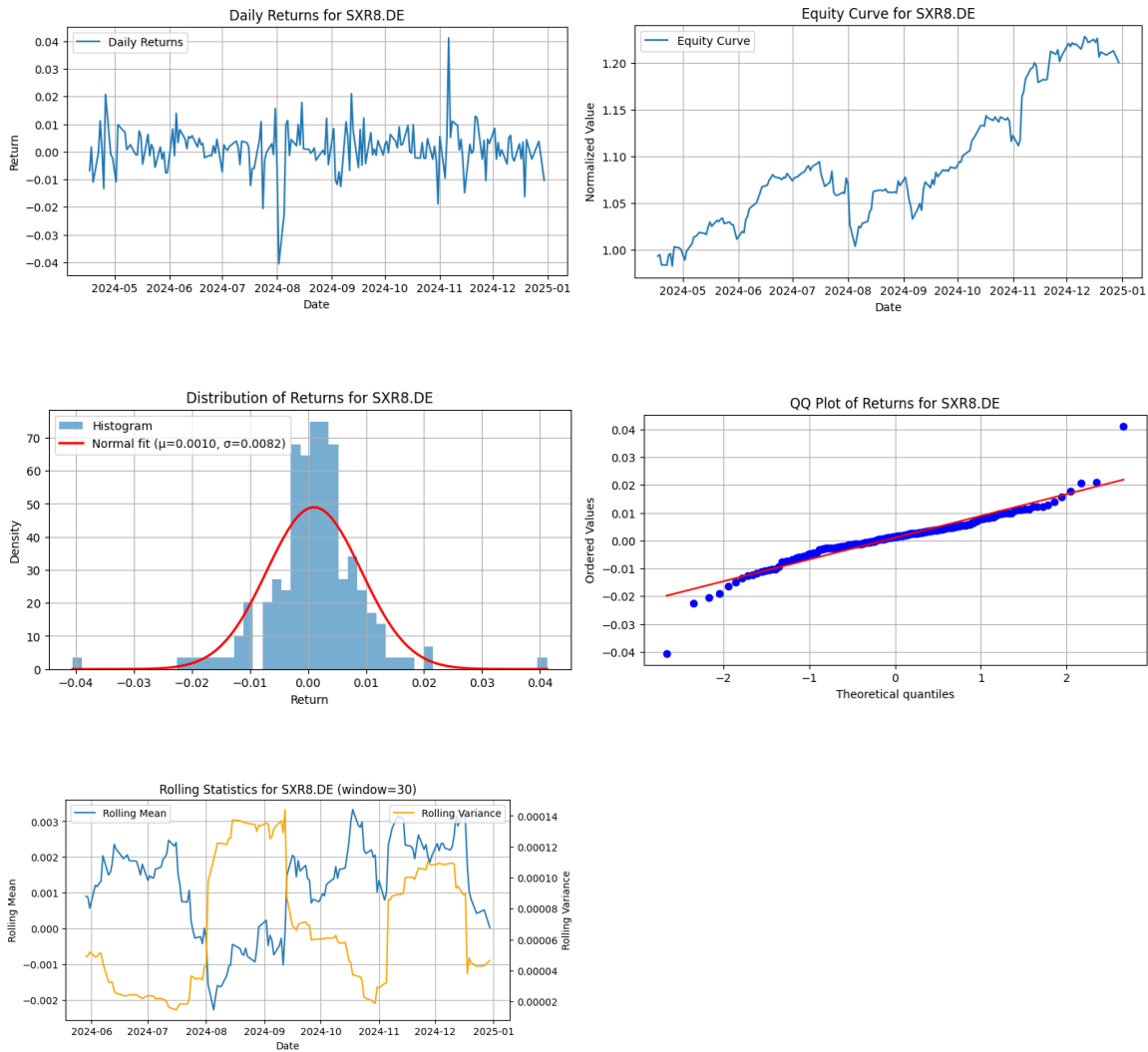
## Analysis of Ticker EUNL.DE

iShares Core MSCI World USD (Acc): ETF tracking the MSCI World Index — large and mid-cap companies across 23 developed markets. Accumulating dividends, USD-denominated.



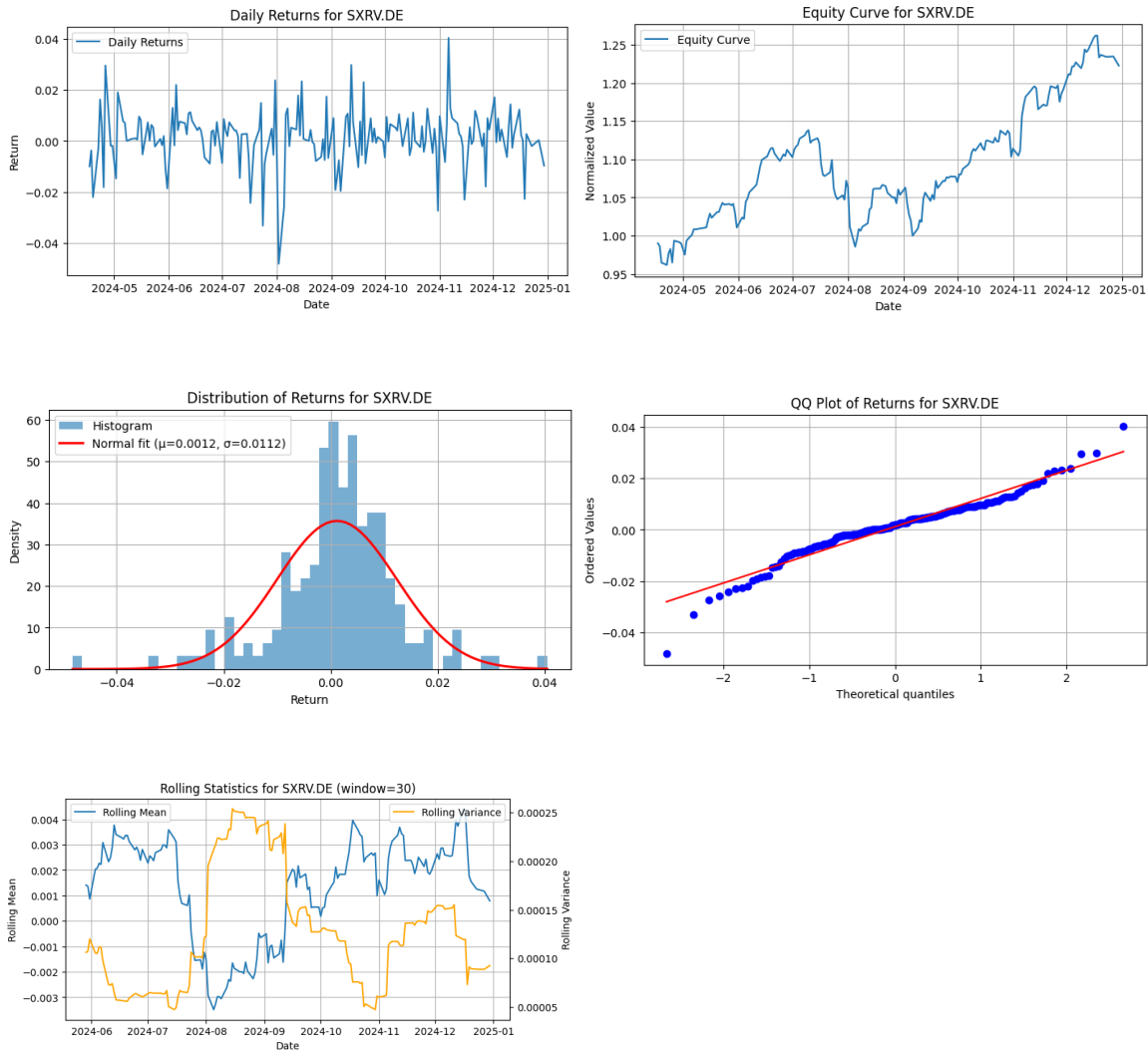
## Analysis of Ticker SXR8.DE

iShares Core S&P 500 USD (Acc): ETF tracking the S&P 500 Index — 500 large-cap U.S. companies. Accumulating dividends, USD-denominated.



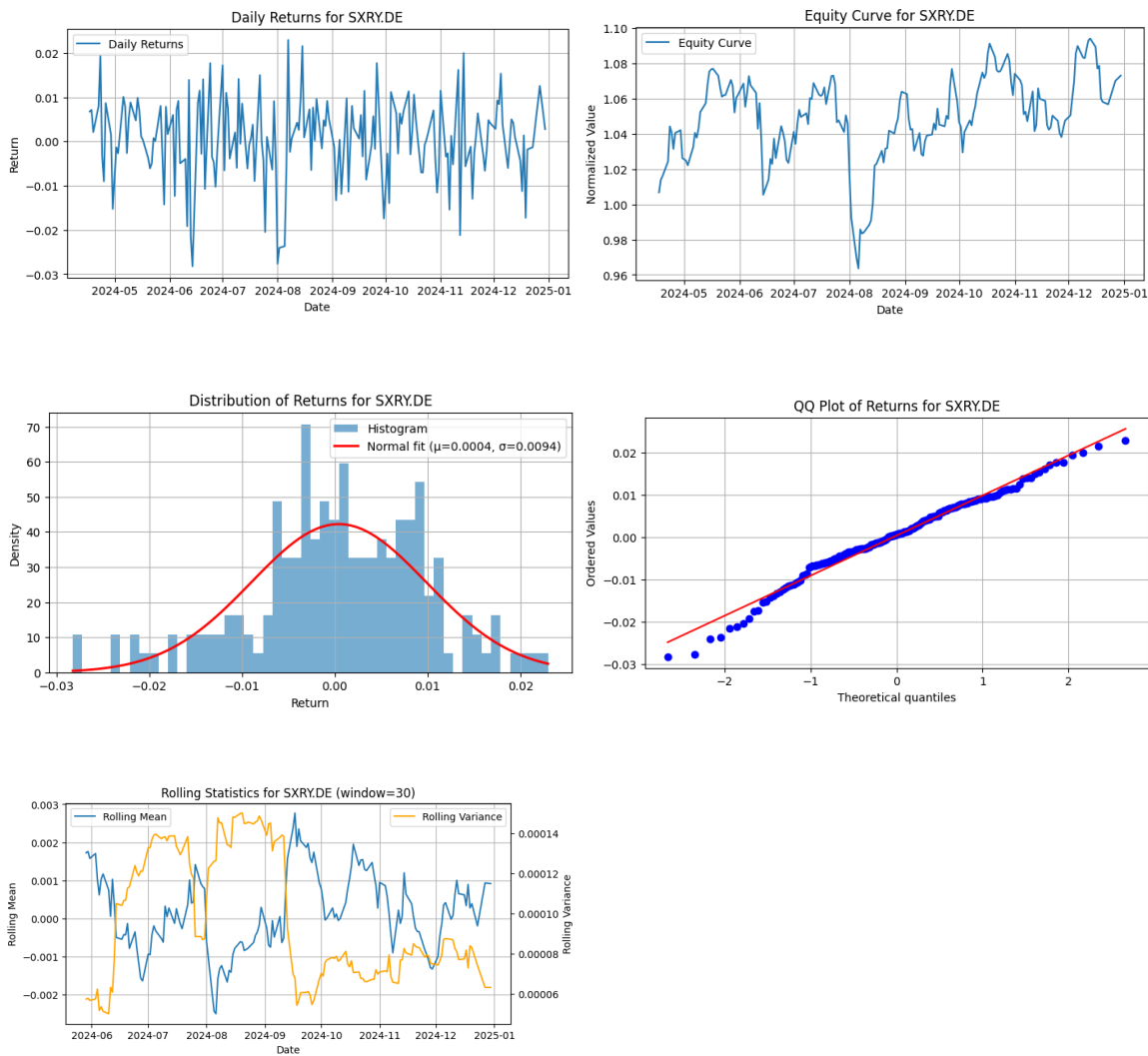
## Analysis of Ticker SXR.V.DE

iShares NASDAQ 100 USD (Acc): ETF tracking the NASDAQ-100 Index — 100 of the largest non-financial U.S. and international companies listed on the Nasdaq. Accumulating dividends, USD-denominated.



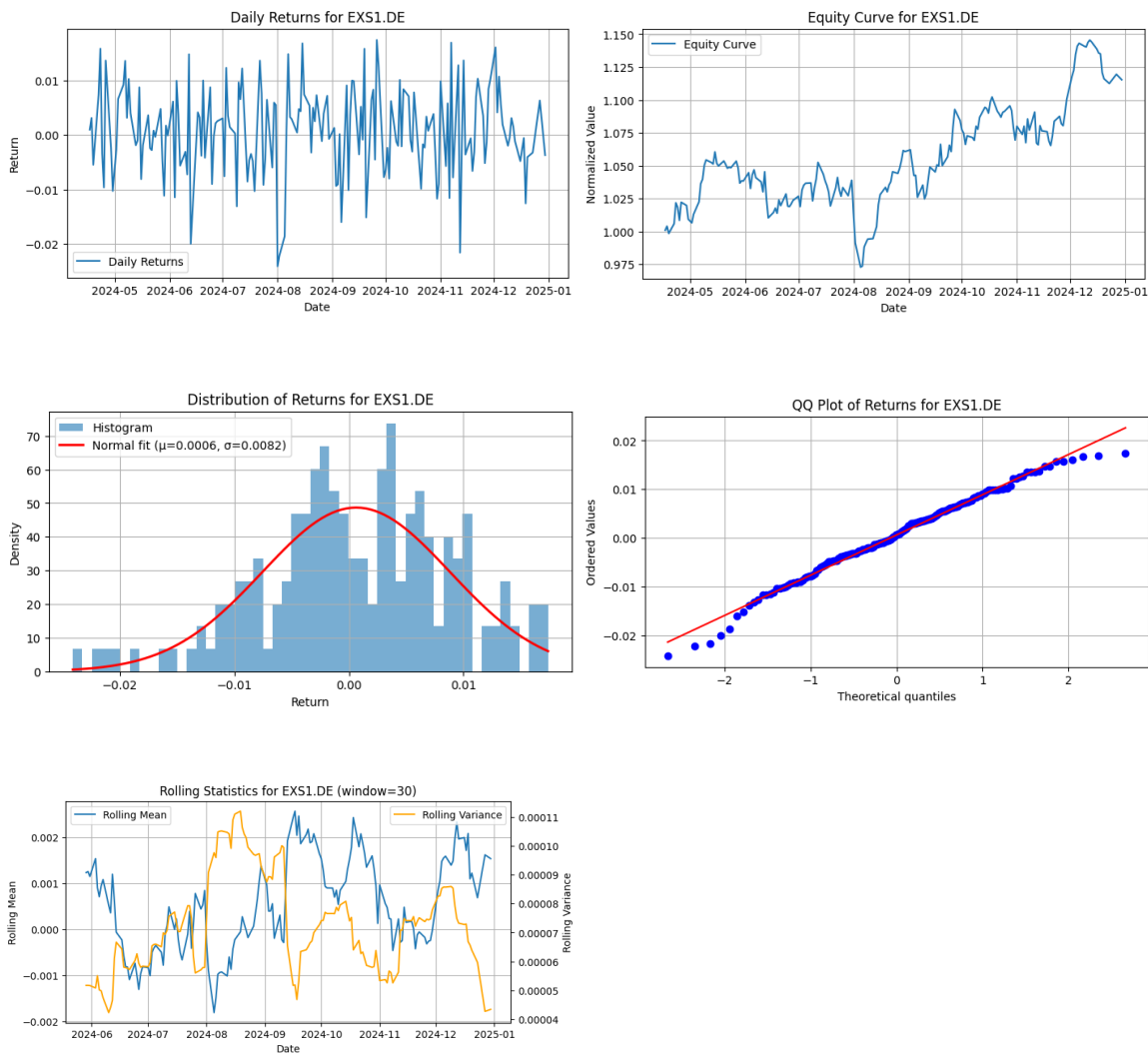
## Analysis of Ticker SXRY.DE

iShares FTSE MIB EUR (Acc): ETF tracking the FTSE MIB Index — 40 of the most liquid Italian stocks. Accumulating dividends, EUR-denominated.



## Analysis of Ticker EXS1.DE

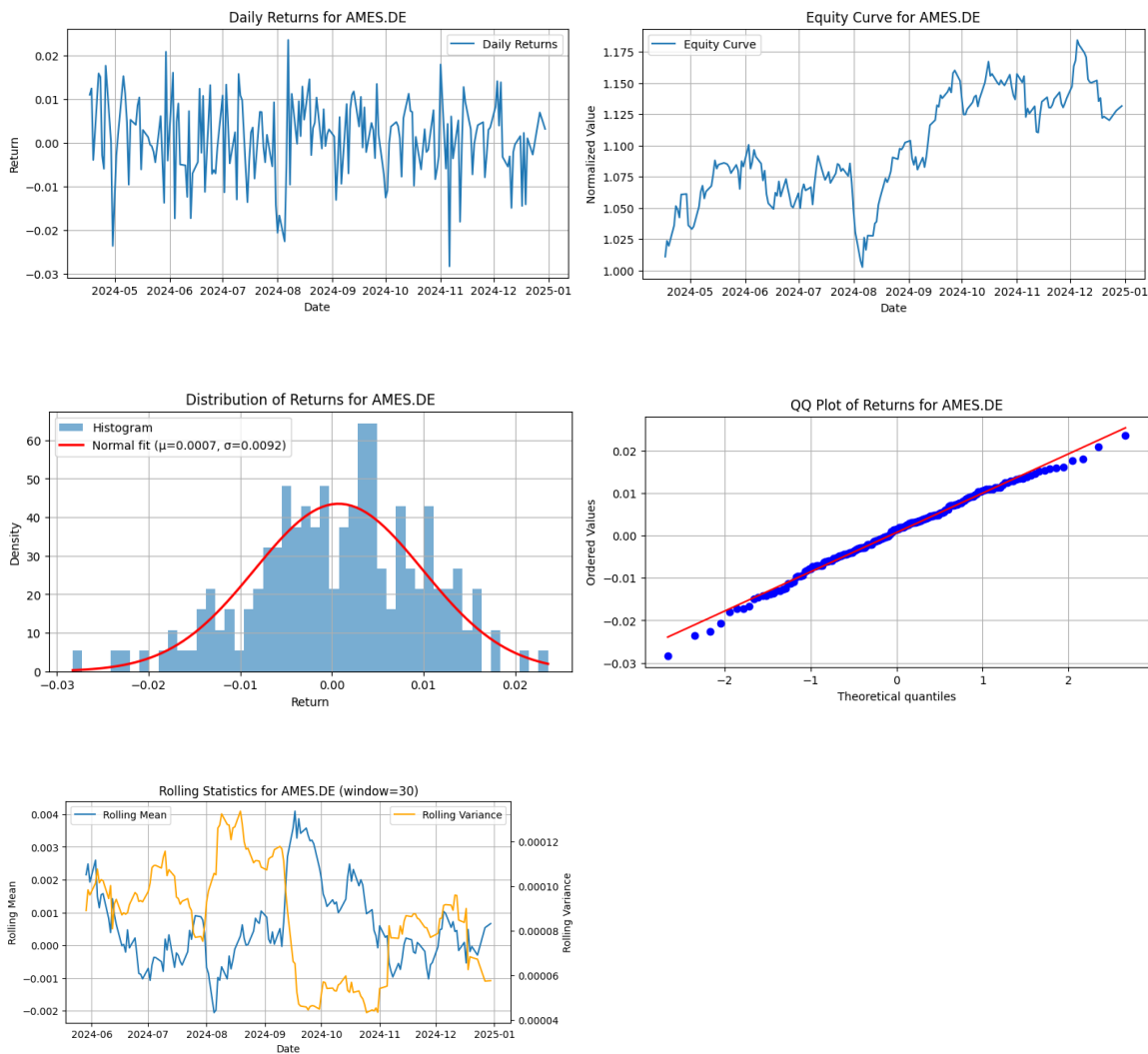
iShares Core DAX EUR (Acc): ETF tracking the DAX Index — 40 major German blue-chip companies. Accumulating dividends, EUR-denominated.



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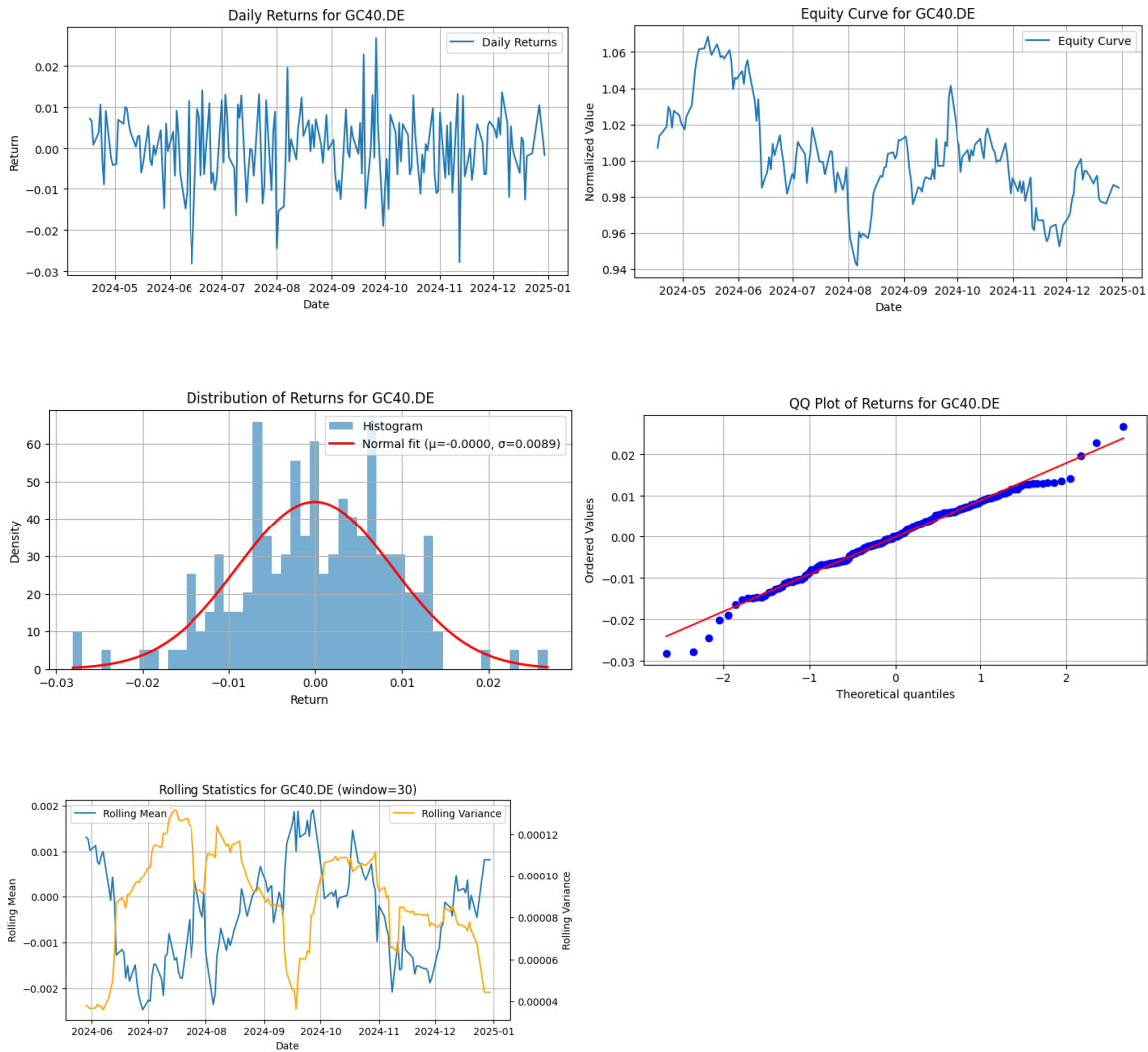
## Analysis of Ticker AMES.DE

Amundi IBEX 35 EUR (Acc): ETF tracking the IBEX 35 Index — 35 most liquid Spanish stocks. Accumulating dividends, EUR-denominated.



## Analysis of Ticker GC40.DE

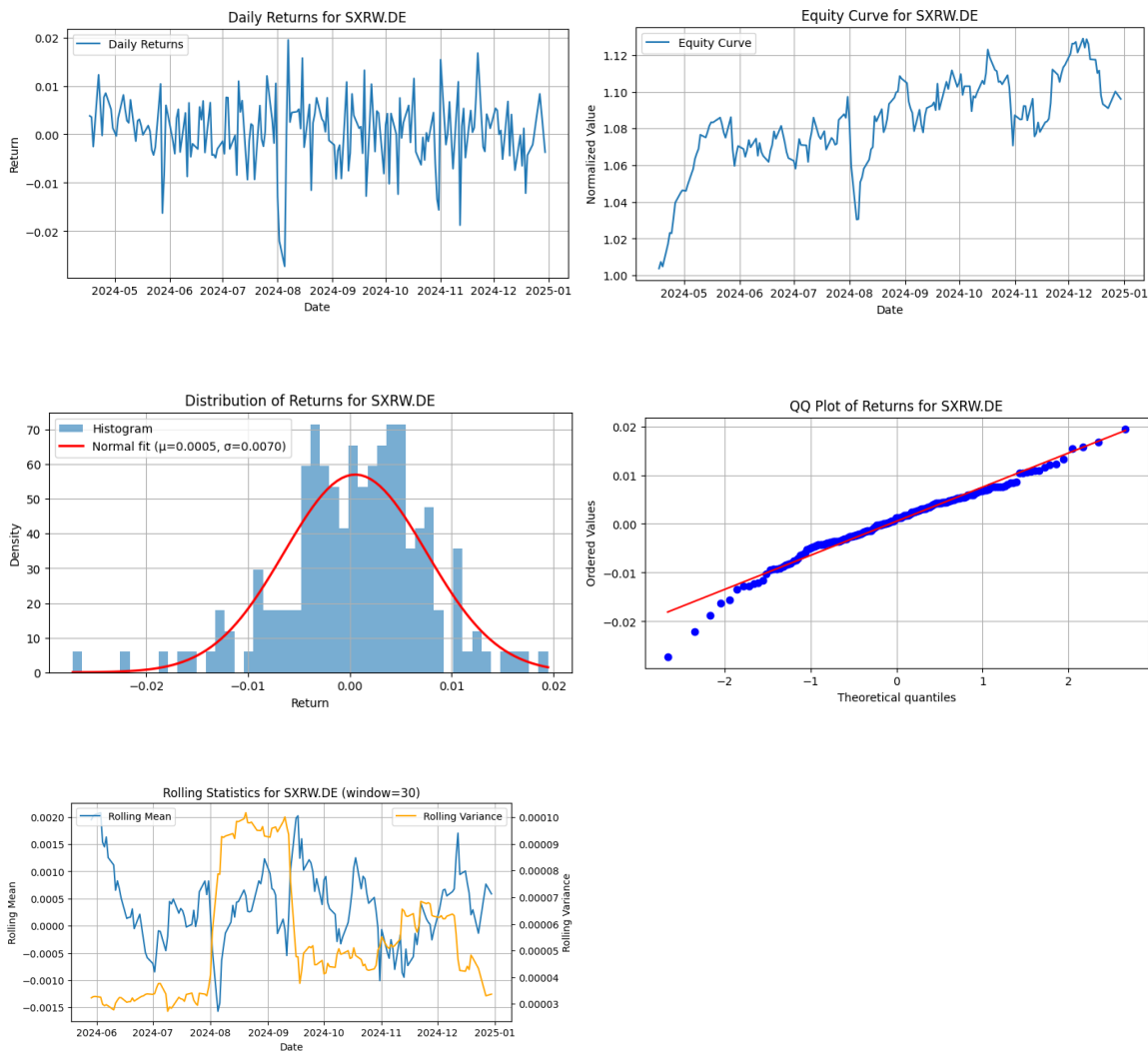
Amundi CAC 40 EUR (Acc): ETF tracking the CAC 40 Index — 40 largest French companies by market cap. Accumulating dividends, EUR-denominated.





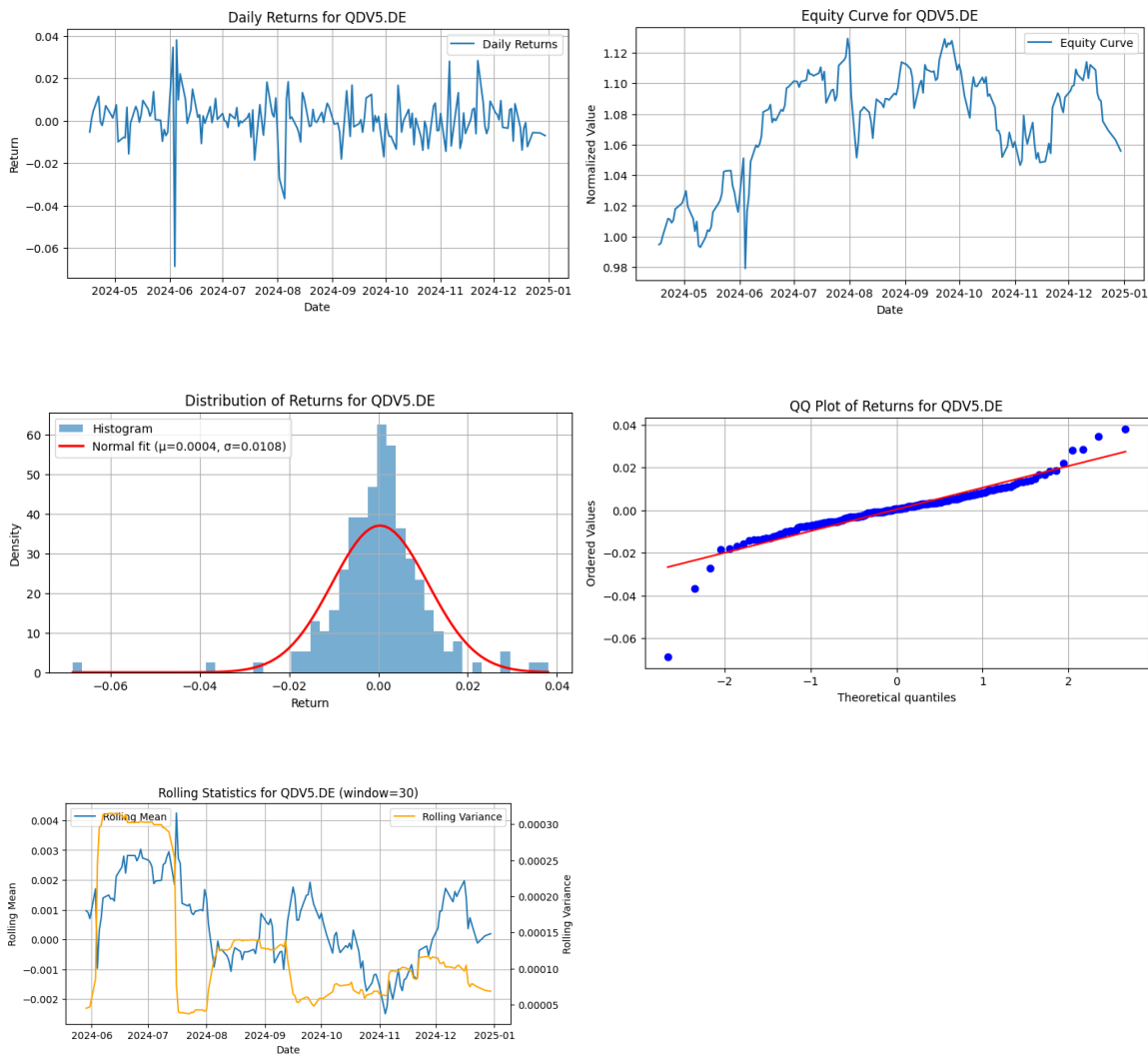
## Analysis of Ticker SXRW.DE

iShares FTSE 100 GBP (Acc): ETF tracking the FTSE 100 Index — 100 largest U.K. companies by market cap. Accumulating dividends, GBP-denominated.



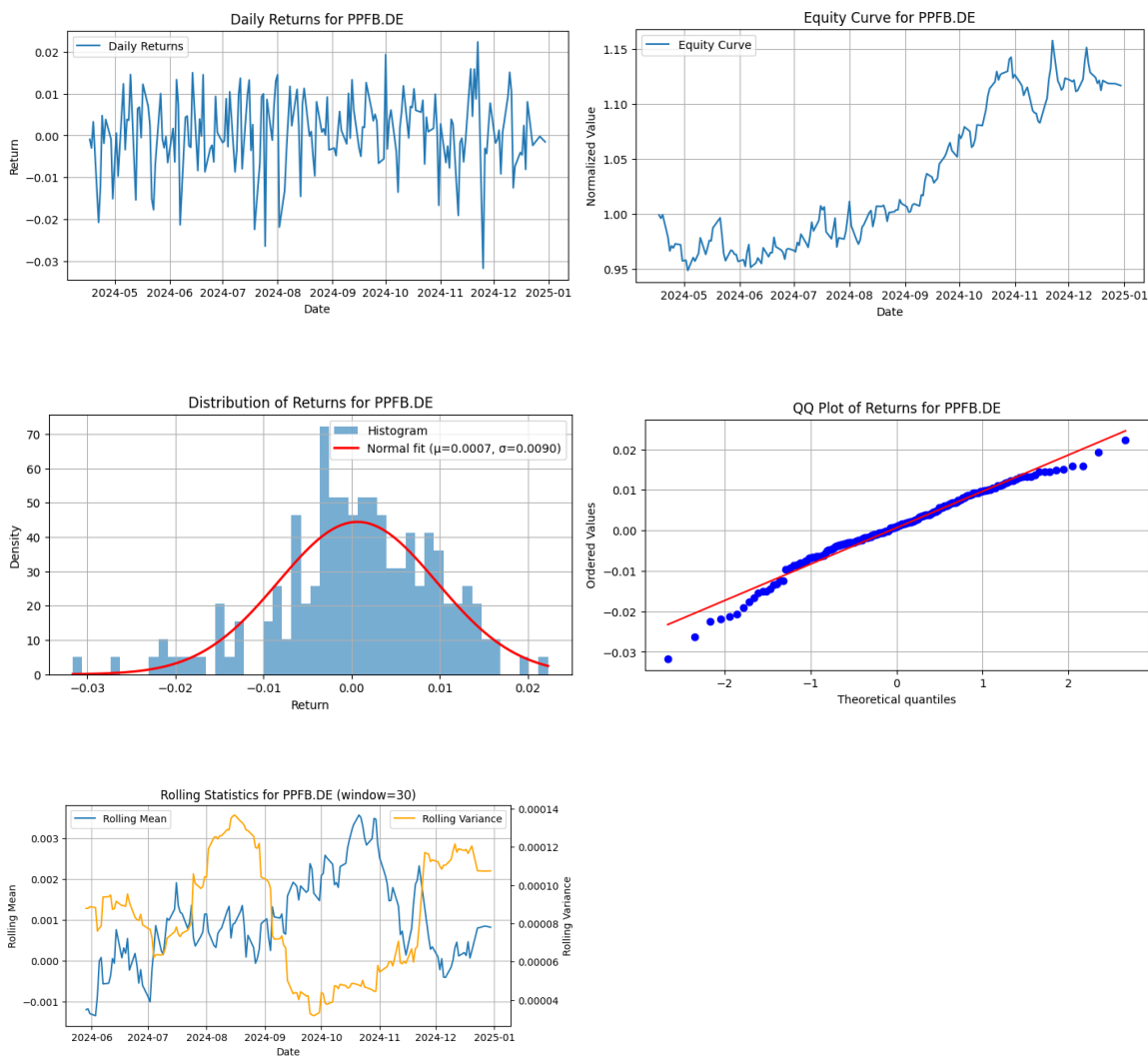
## Analysis of Ticker QDV5.DE

iShares MSCI India USD (Acc): ETF tracking the MSCI India Index — large and mid-cap Indian companies. Accumulating dividends, USD-denominated.



## Analysis of Ticker PPFB.DE

iShares Physical Gold USD (Acc): ETF physically backing gold bullion held in vaults. Provides pure gold price exposure. Accumulating (no dividend). USD-denominated.



## Analysis of Ticker IS0D.DE

iShares Oil & Gas USD (Acc): ETF tracking the STOXX Global Oil & Gas Index — major oil and gas companies. Accumulating dividends, USD-denominated.

