

Financial Time-Series Statistical Analysis Dashboard

Configuration

Ticker Symbol (Yahoo Finance):

^IXIC

Examples: ^IXIC (Nasdaq), ^GSPC (S&P500), AAPL, GOOG

Study Period:

2018-01-01 to 2024-12-31

Outlier Exclusion

Define a period to exclude (e.g., COVID crash).

☒ Exclude Specific Period?

Exclude From:

2020-02-24

Exclude To:

2020-03-23

Simulation Settings

Bootstrap Repetitions:

1000

Higher reps = more accuracy but slower.

Run Analysis

1. Data & Cleaning

2. Normality & Bootstrapping

3. Stationarity (Mean & Variance)

4. Independence & Trend

Price History & Log Returns

Descriptive Statistics (Post-Cleaning)