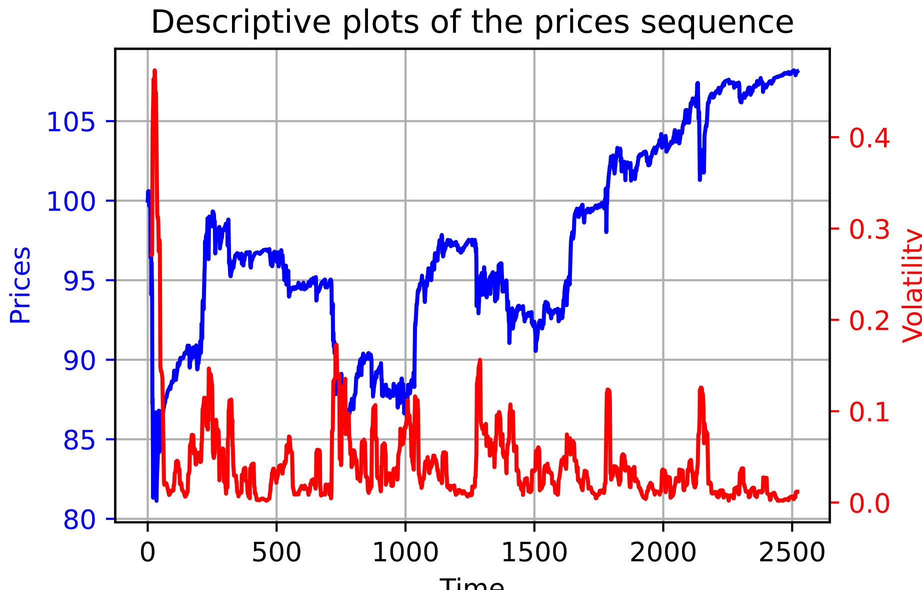
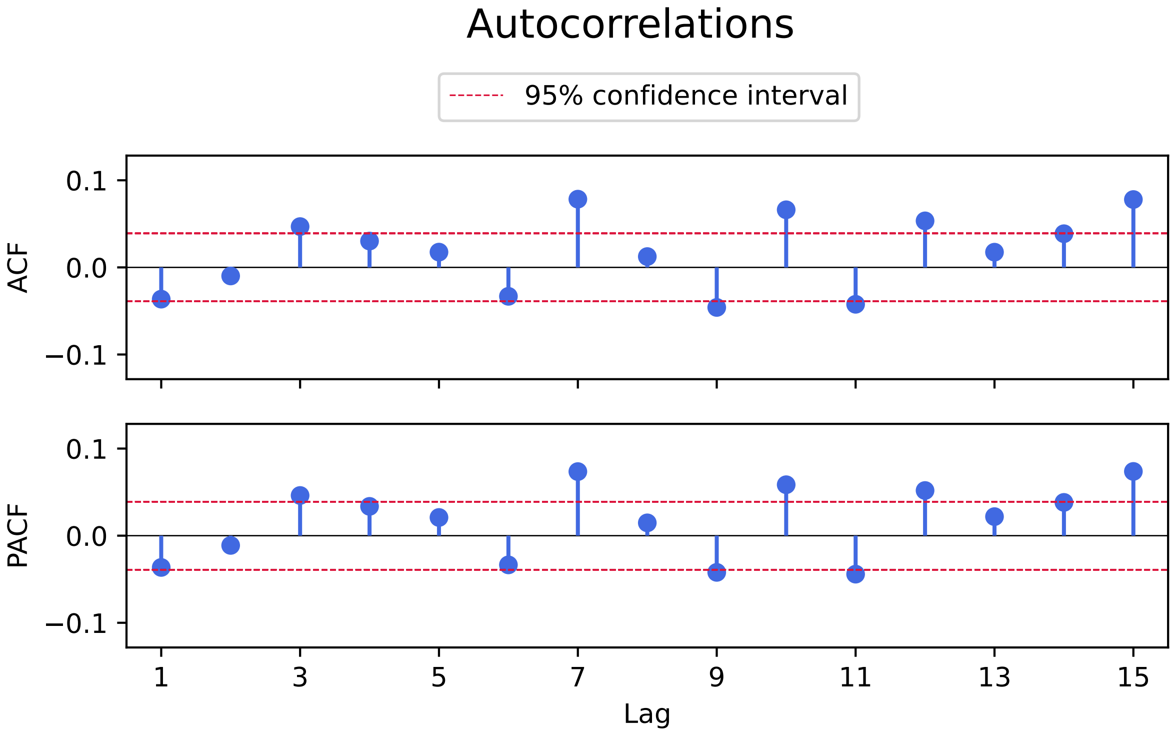
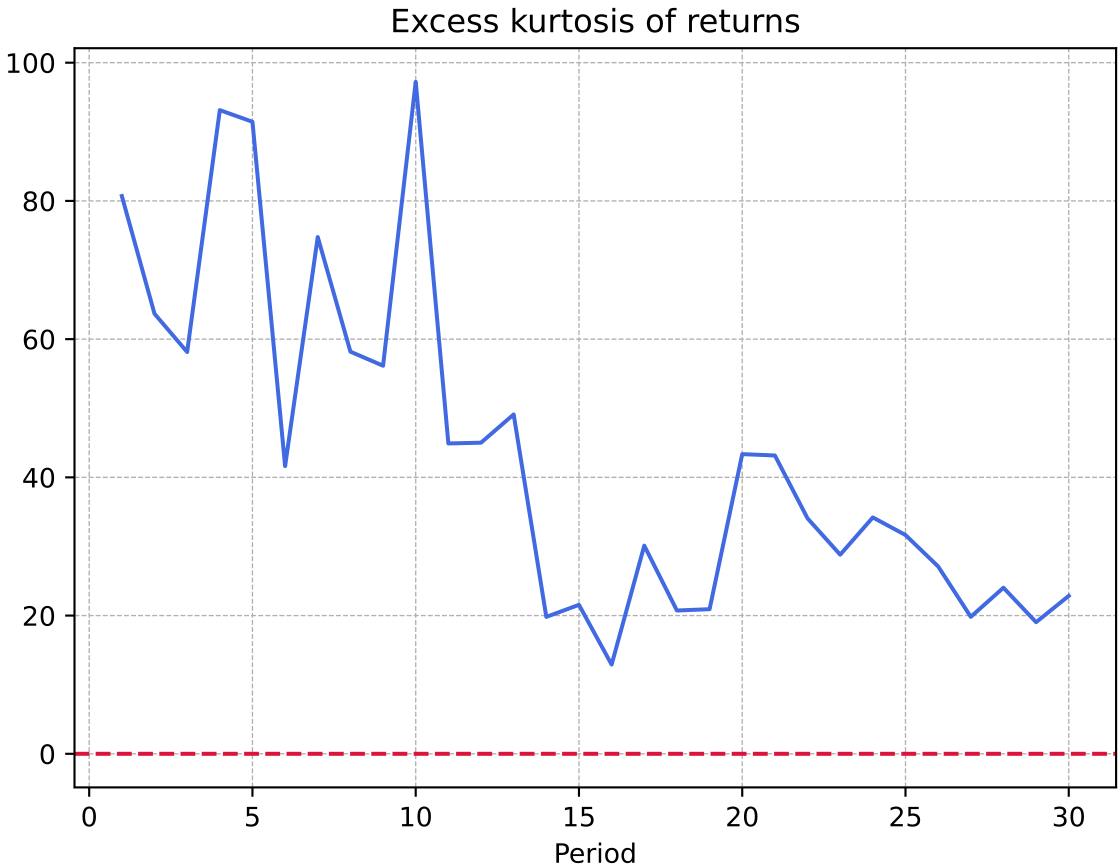
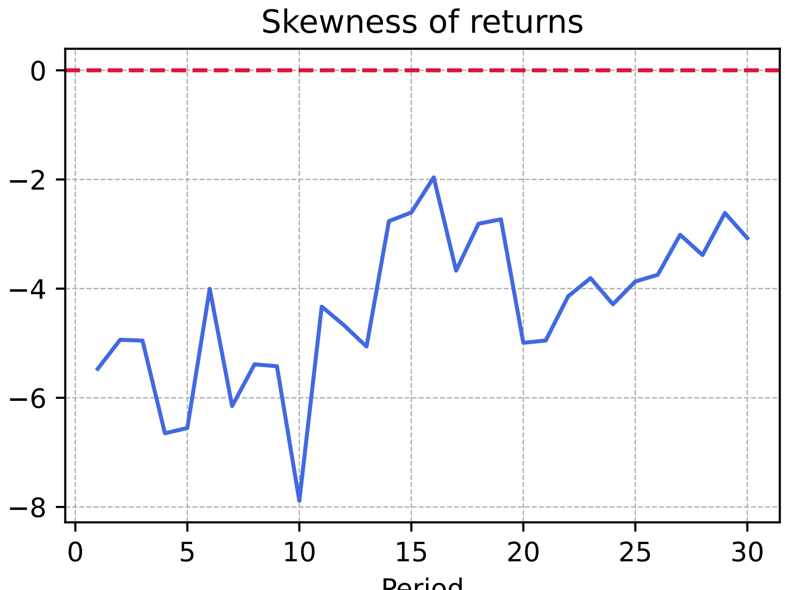
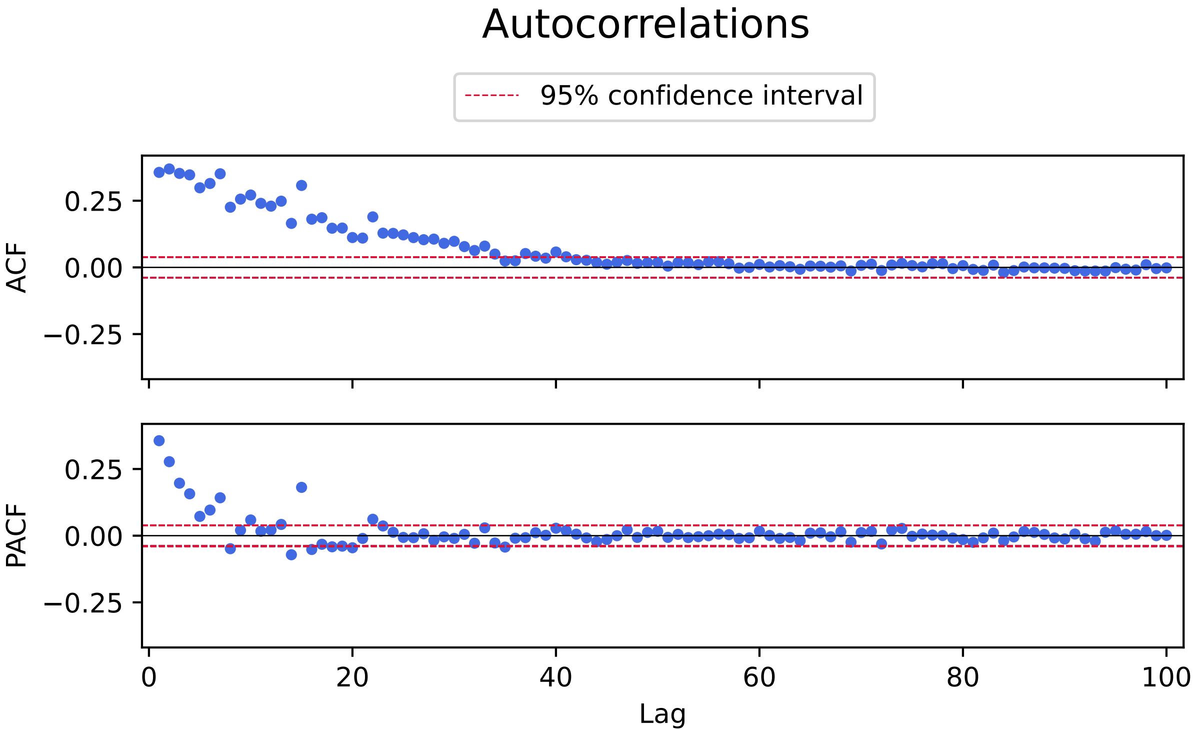


Descriptive plots of the prices sequence
Prices
Volatility
Time
105
100
95
90
85
80
0.4
0.3
0.2
0.1
0.0
0
500
1000
1500
2000
2500

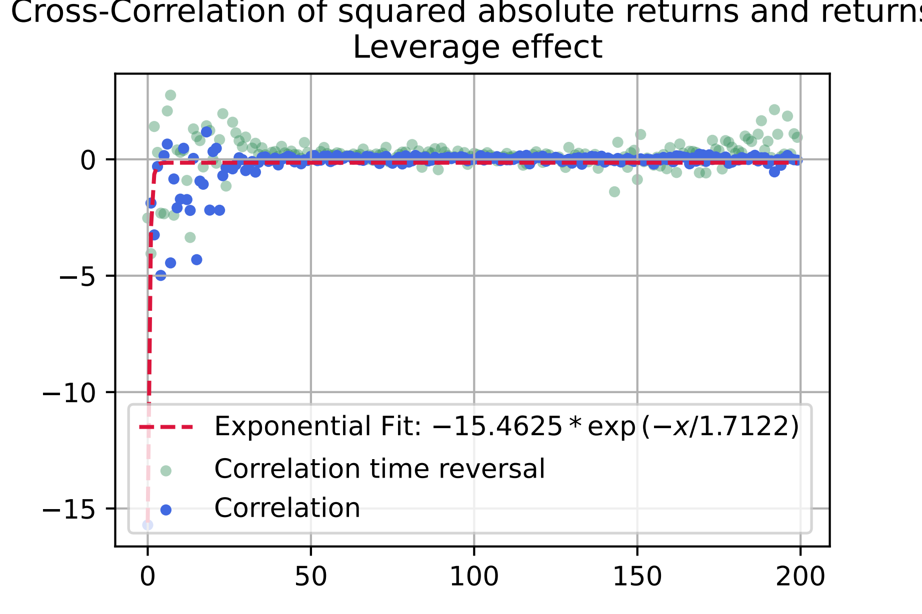

Autocorrelations
95% confidence interval
ACF
PACF
0.1
0.0
−0.1
1
3
5
7
9
11
13
15
Lag


Excess kurtosis of returns
100
80
60
40
20
0
0
5
10
15
20
25
30
Period

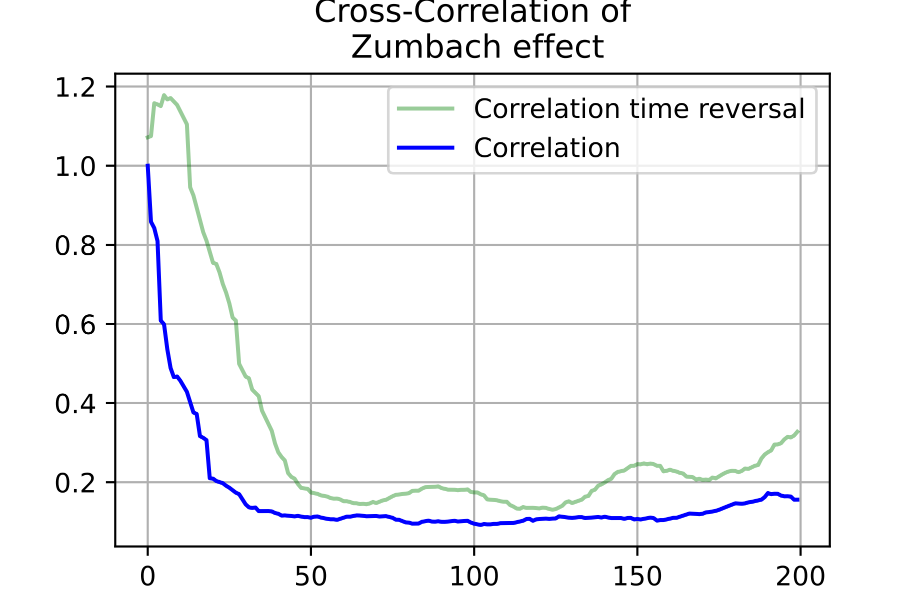

Skewness of returns
0
−2
−4
−6
−8
0
5
10
15
20
25
30
Period



Autocorrelations
95% confidence interval
ACF
PACF
0.25
0.00
−0.25
0
20
40
60
80
100
Lag



Cross-Correlation of squared absolute returns and returns
Leverage effect
0
−5
−10
−15
0
50
100
150
200
Exponential Fit: −15.4625 * exp (−x/1.7122)
Correlation time reversal
Correlation



Cross-Correlation of
Zumbach effect
Correlation time reversal
Correlation
1.2
1.0
0.8
0.6
0.4
0.2
0
50
100
150
200