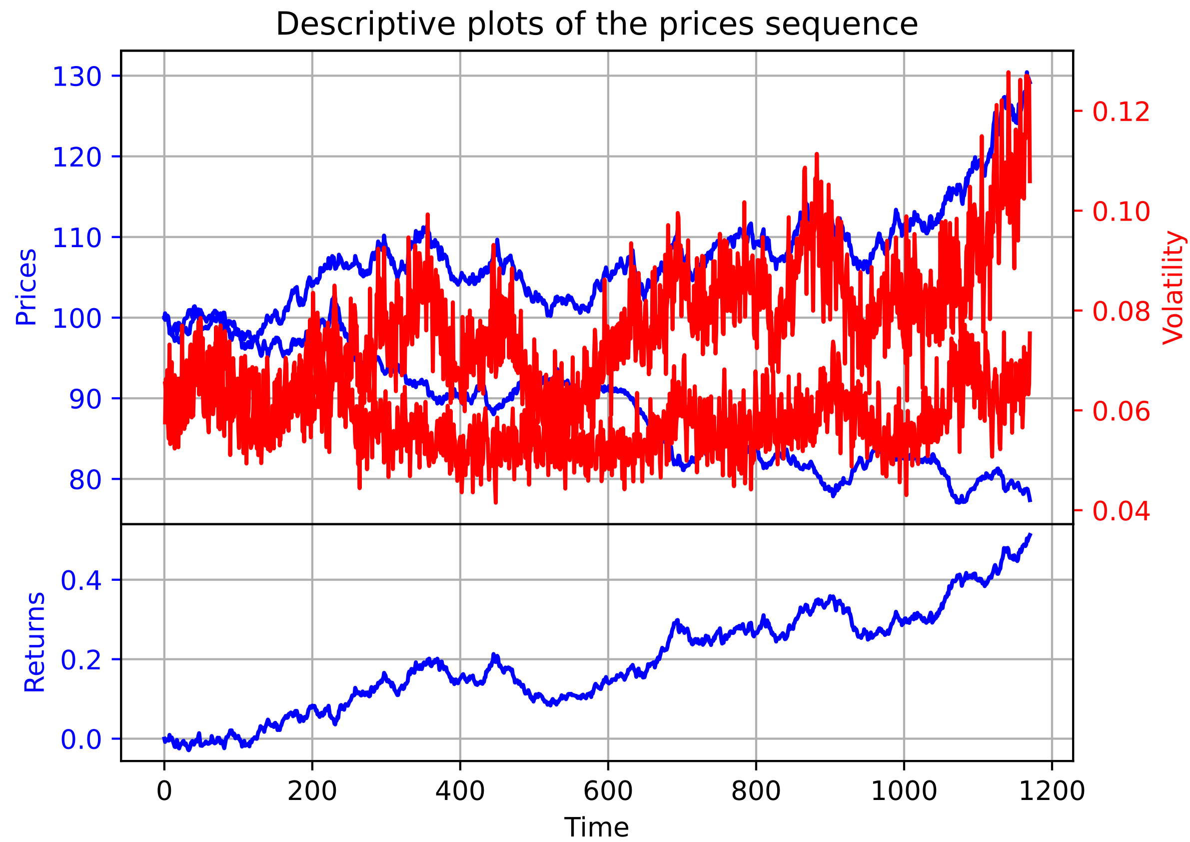
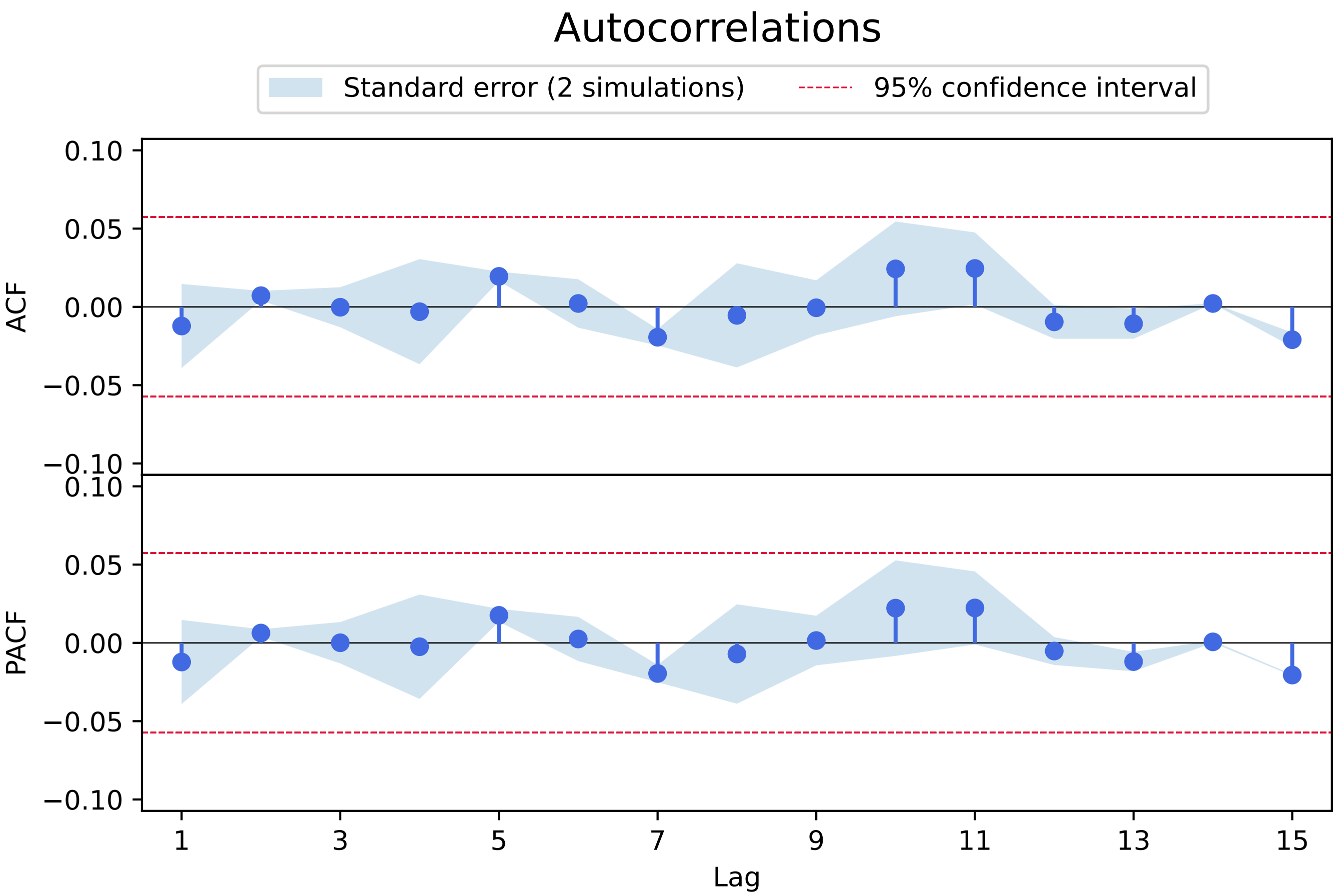
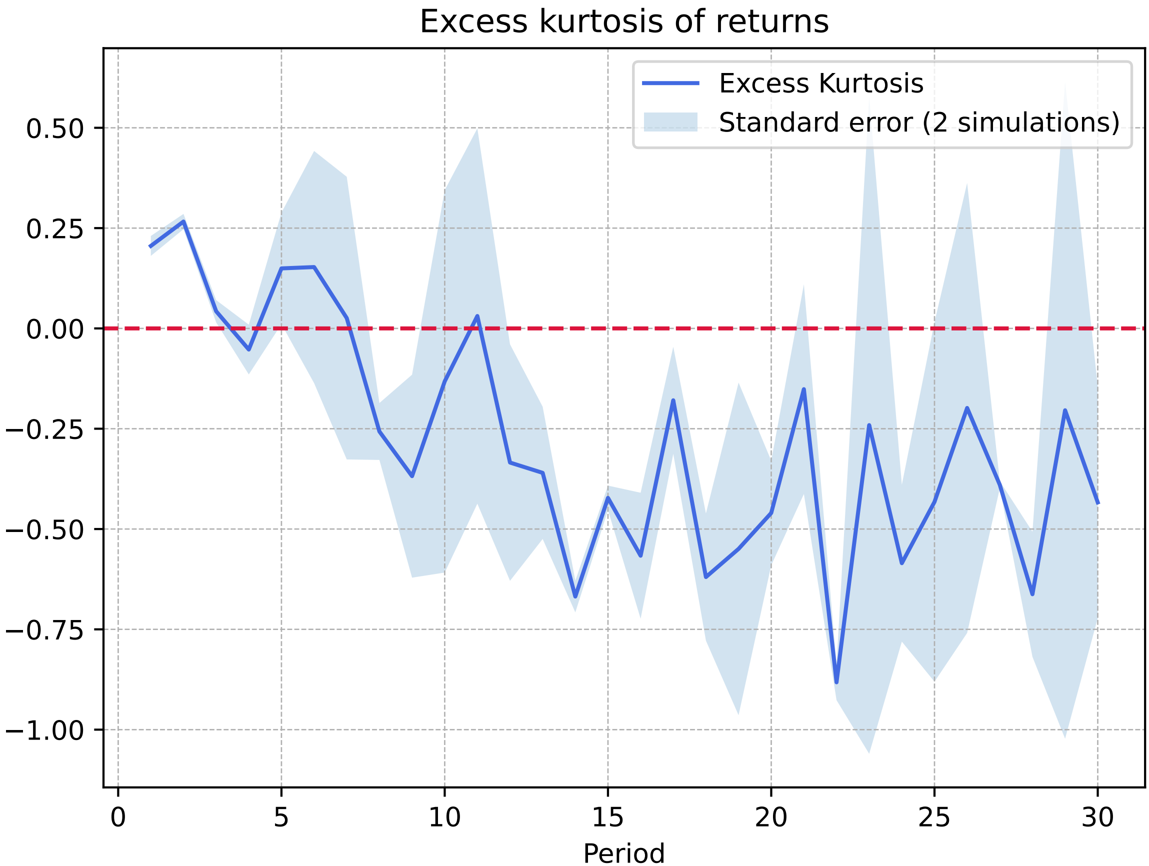
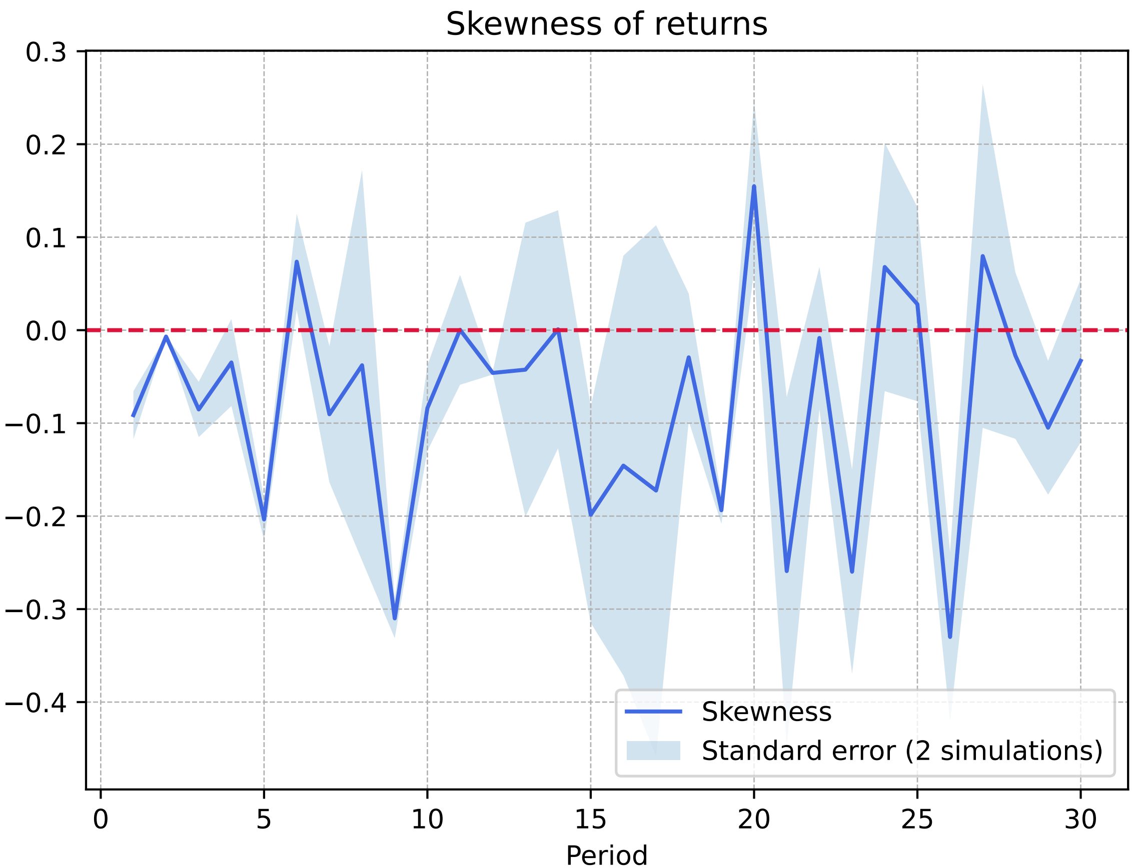


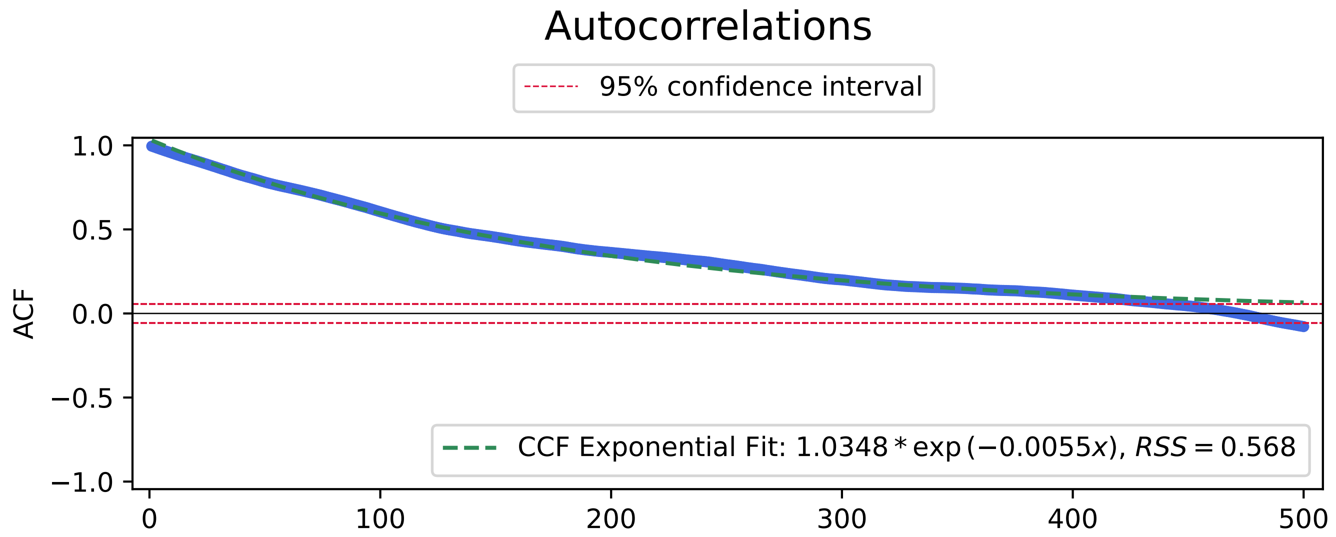
Descriptive plots of the prices sequence
Prices
130
120
110
100
90
80
Volatility
0.12
0.10
0.08
0.06
0.04
Returns
0.4
0.2
0.0
0
200
400
600
800
1000
1200
Time


Autocorrelations
Standard error (2 simulations)
95% confidence interval
ACF
PACF
0.10
0.05
0.00
−0.05
−0.10
1
3
5
7
9
11
13
15
Lag

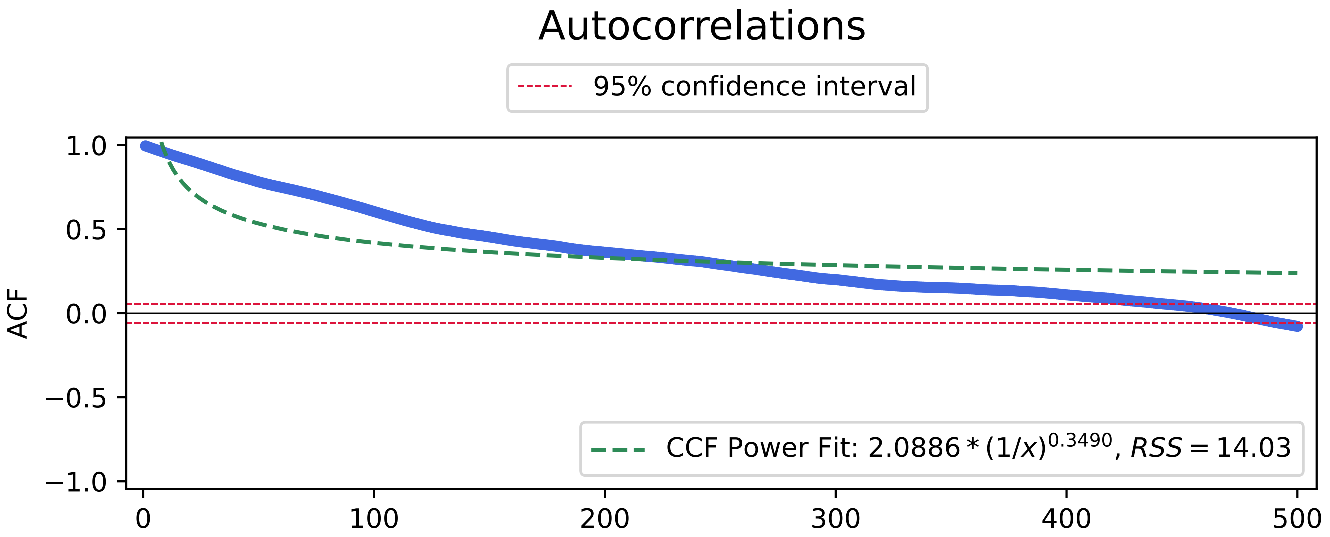

Excess kurtosis of returns
Excess Kurtosis
Standard error (2 simulations)
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
0
5
10
15
20
25
30
Period



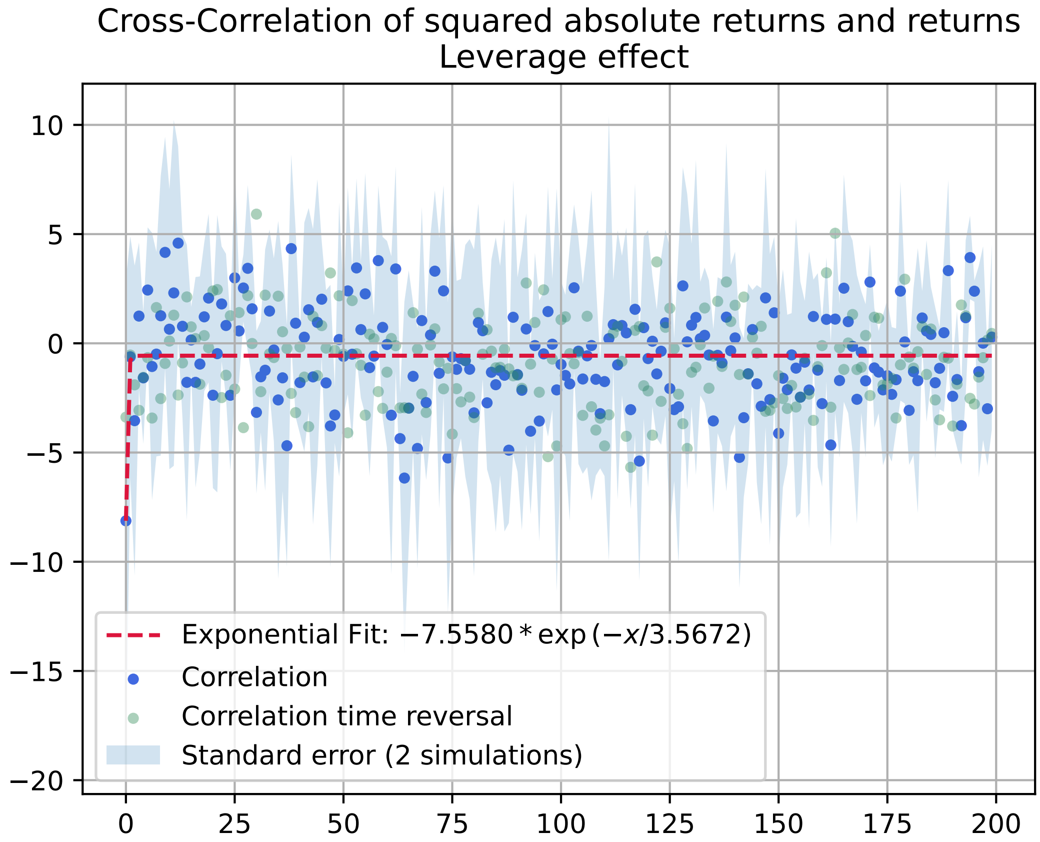
Skewness of returns
0.3
0.2
0.1
0.0
−0.1
−0.2
−0.3
−0.4
0
5
10
15
20
25
30
Period
Skewness
Standard error (2 simulations)



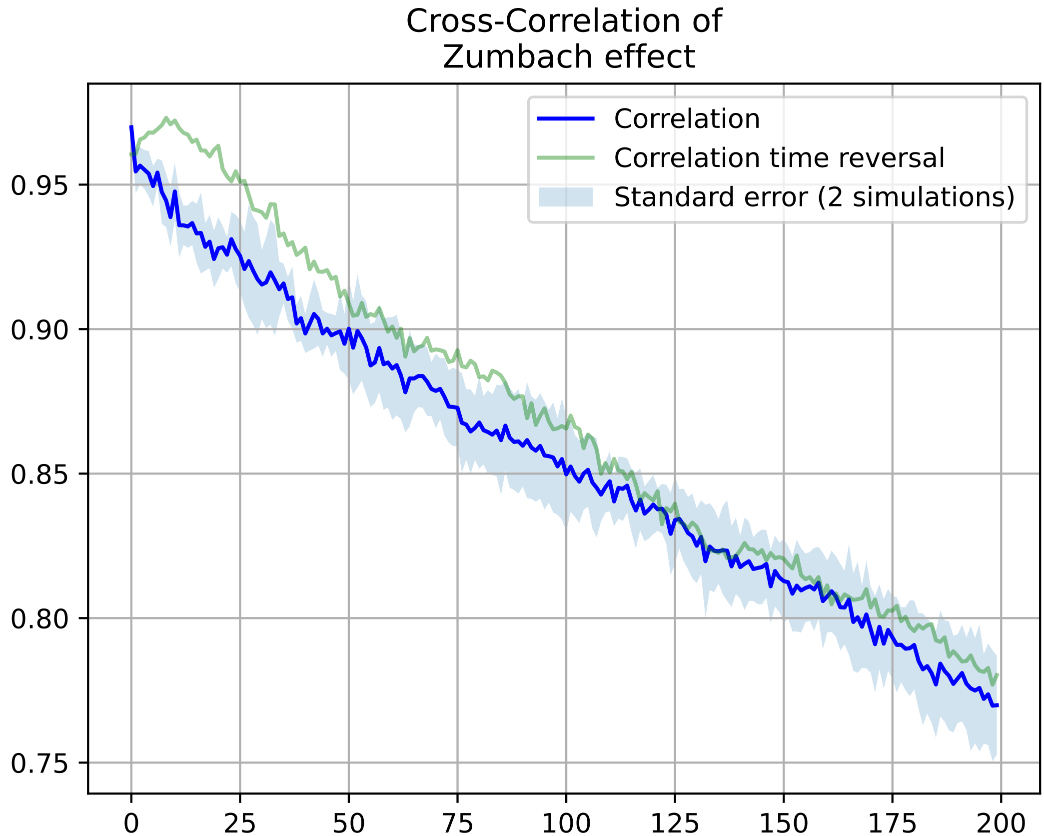
Autocorrelations
95% confidence interval
1.0
0.5
0.0
−0.5
−1.0
ACF
0
100
200
300
400
500
CCF Exponential Fit: $1.0348 * \exp(-0.0055x)$, $RSS = 0.568$



Autocorrelations
95% confidence interval
1.0
0.5
0.0
−0.5
−1.0
ACF
0
100
200
300
400
500
CCF Power Fit: $2.0886 * (1/x)^{0.3490}$, $RSS = 14.03$



Cross-Correlation of squared absolute returns and returns
Leverage effect
10
5
0
−5
−10
−15
−20
0
25
50
75
100
125
150
175
200
Exponential Fit: $-7.5580 * \exp(-x/3.5672)$
Correlation
Correlation time reversal
Standard error (2 simulations)



Cross-Correlation of
Zumbach effect
Correlation
Correlation time reversal
Standard error (2 simulations)
0.95
0.90
0.85
0.80
0.75
0
25
50
75
100
125
150
175
200