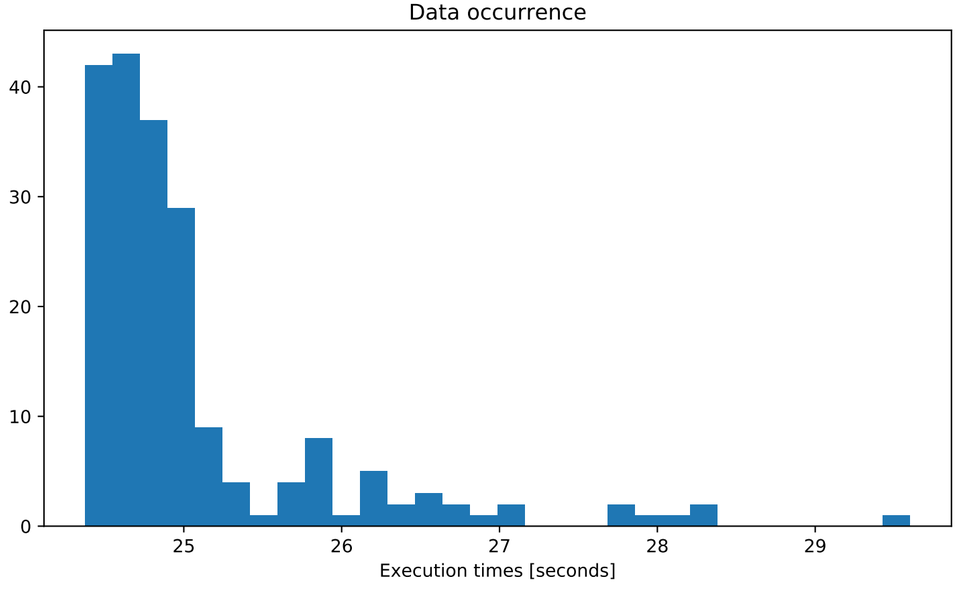
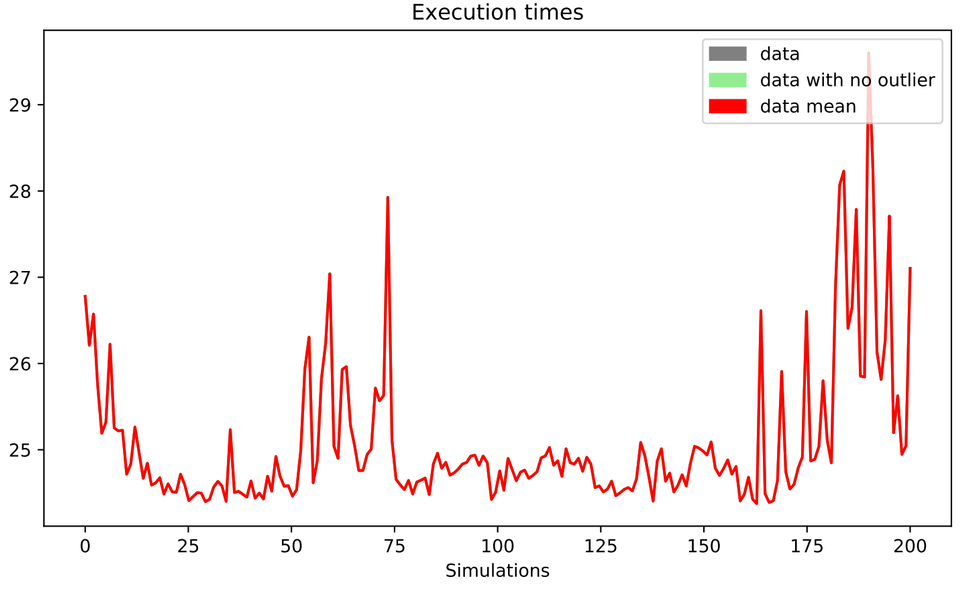
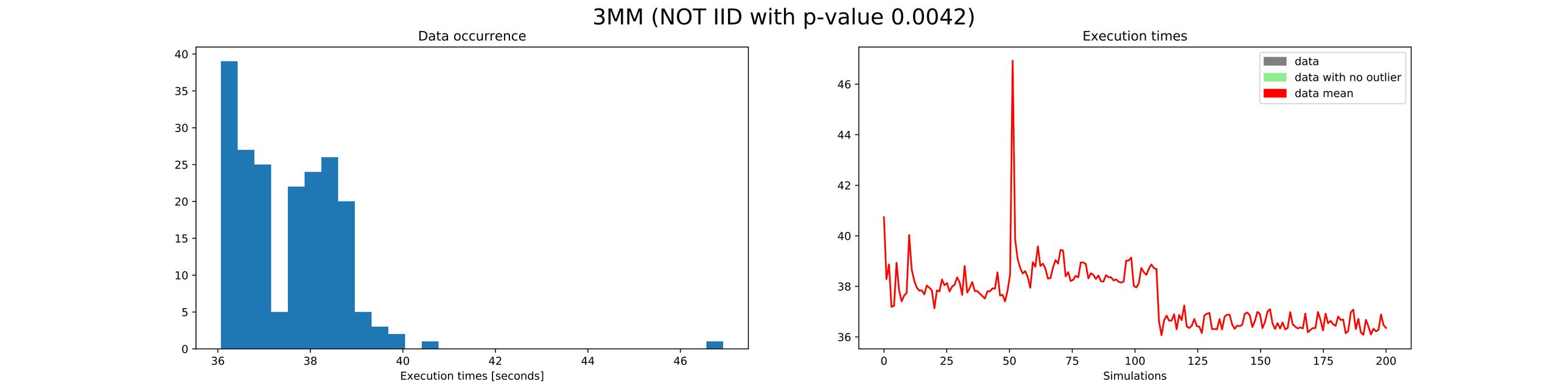
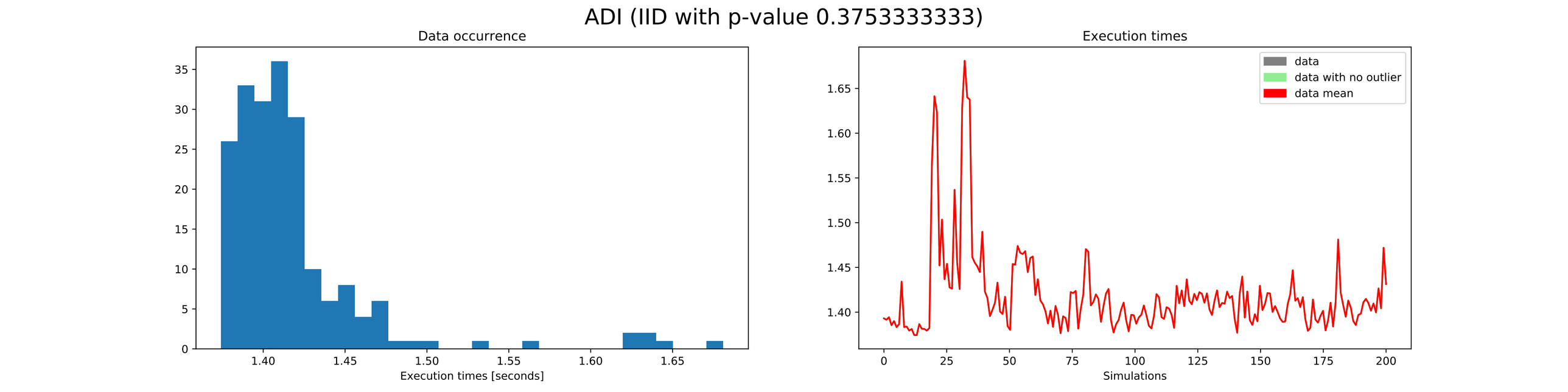
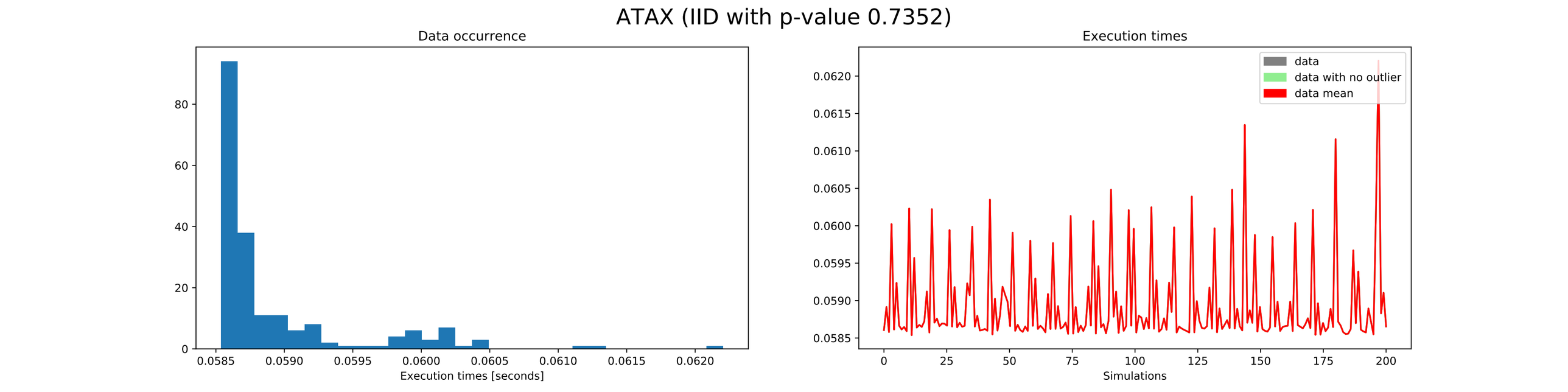
2MM (NOT IID with p-value 0.0056666667)



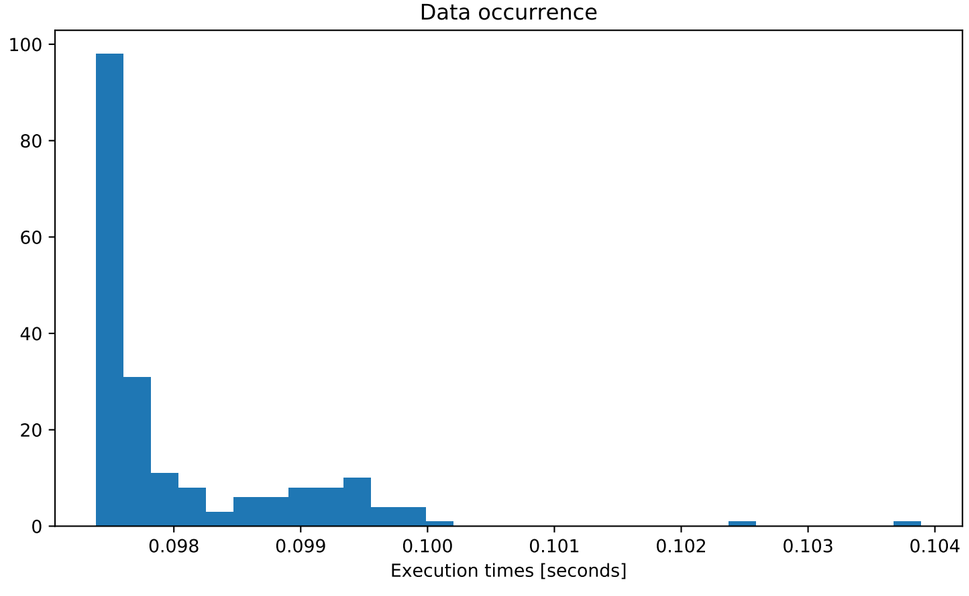


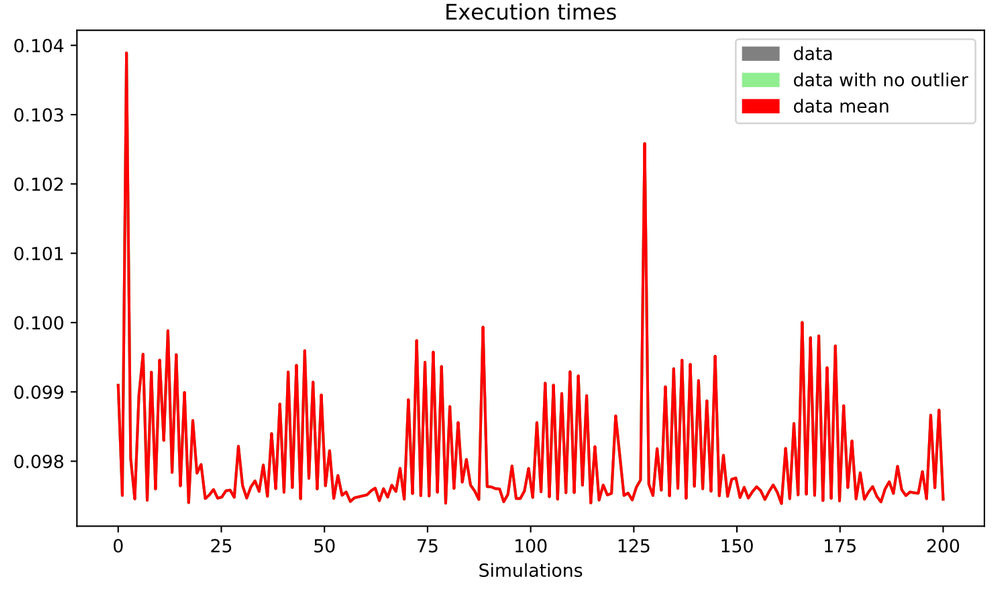

3MM (NOT IID with p-value 0.0042)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

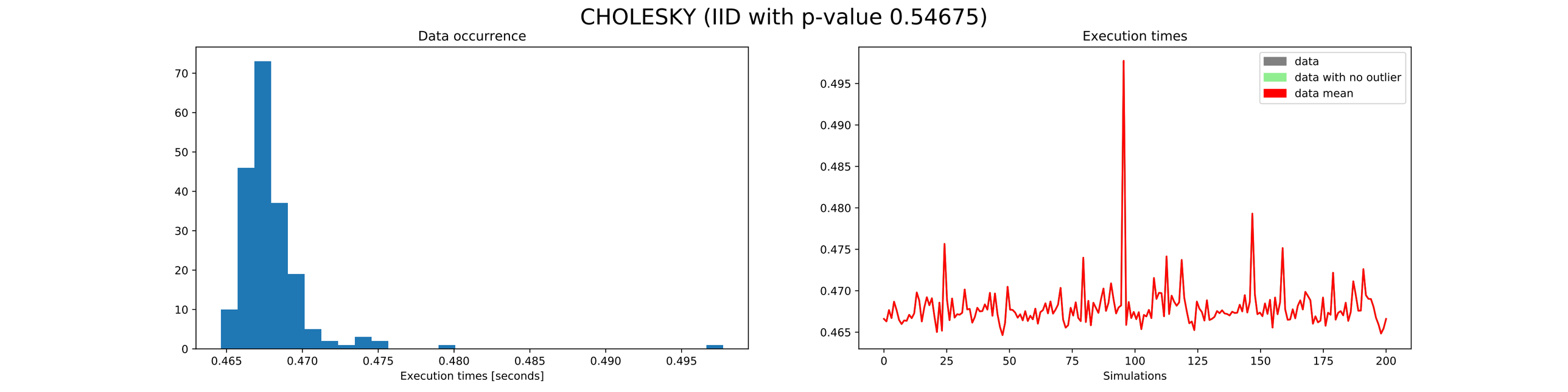

ADI (IID with p-value 0.3753333333)
Data occurrence
35
30
25
20
15
10
5
0
1.40
1.45
1.50
1.55
1.60
1.65
Execution times [seconds]
Execution times
data
data with no outlier
data mean
1.65
1.60
1.55
1.50
1.45
1.40
0
25
50
75
100
125
150
175
200
Simulations

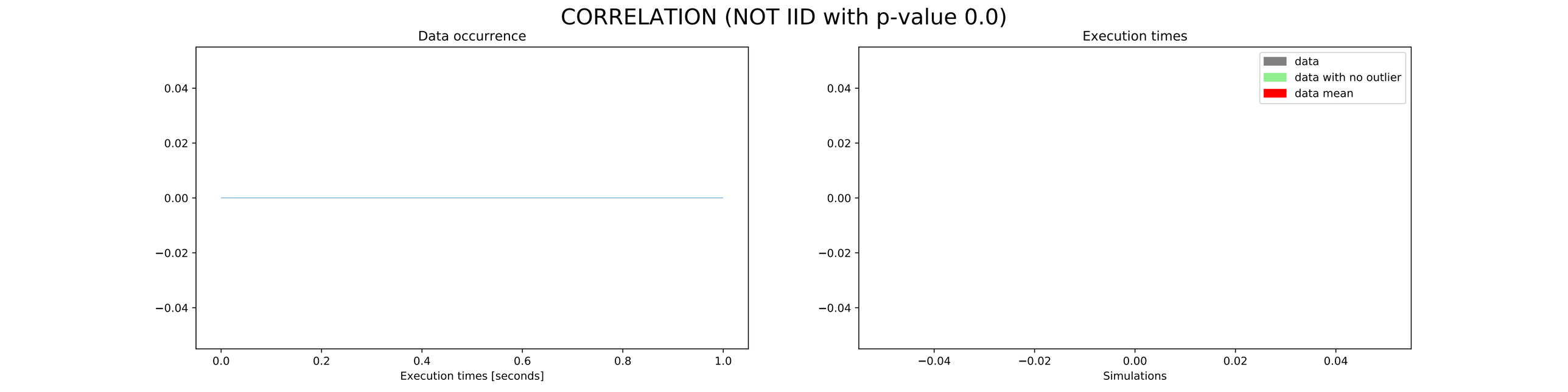

ATAX (IID with p-value 0.7352)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

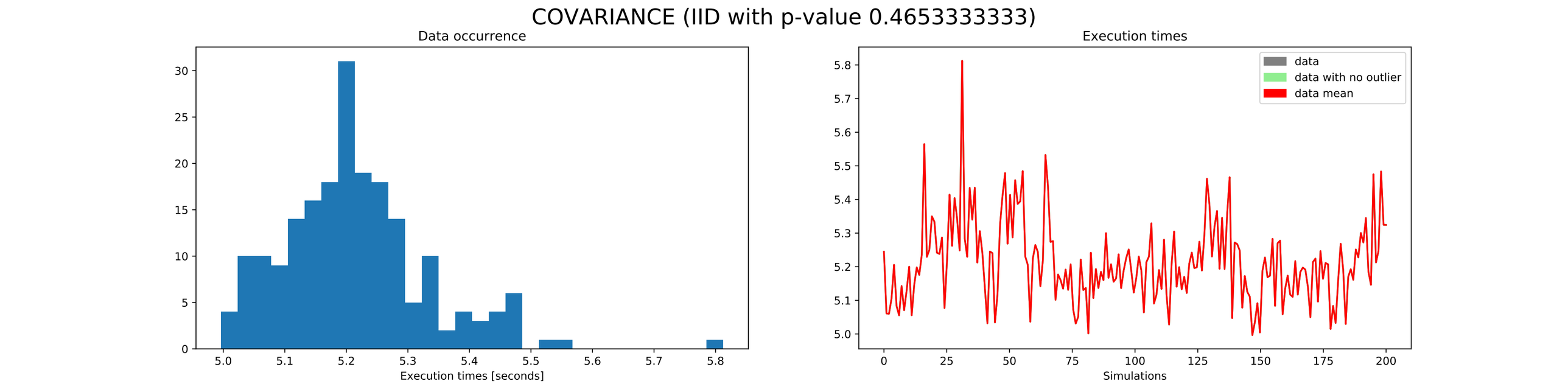
BICG (IID with p-value 0.601)

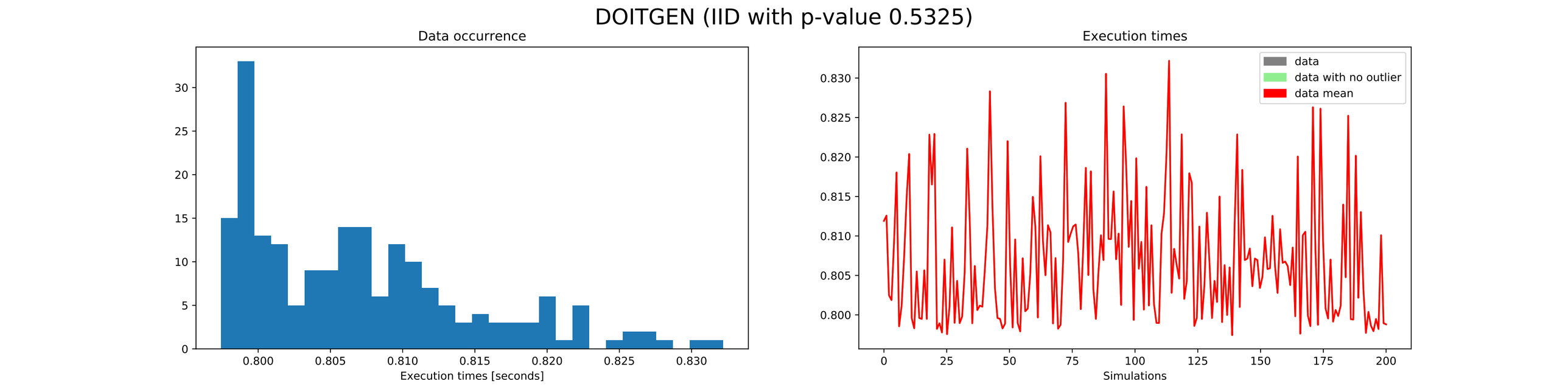


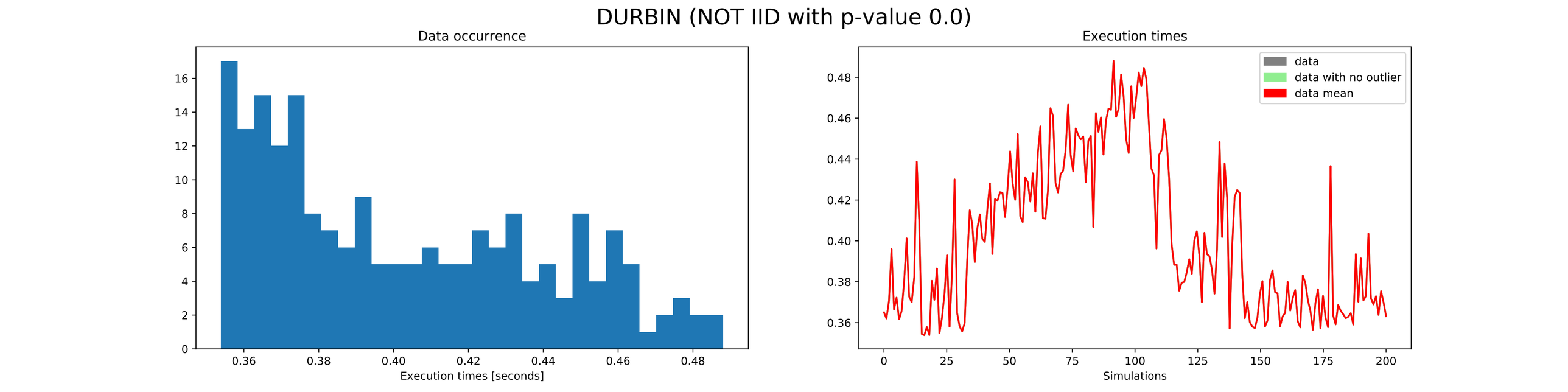



CHOLESKY (IID with p-value 0.54675)
Data occurrence
70
60
50
40
30
20
10
0
0.465
0.470
0.475
0.480
0.485
0.490
0.495
Execution times [seconds]
Execution times
data
data with no outlier
data mean
0.495
0.490
0.485
0.480
0.475
0.470
0.465
0
25
50
75
100
125
150
175
200
Simulations

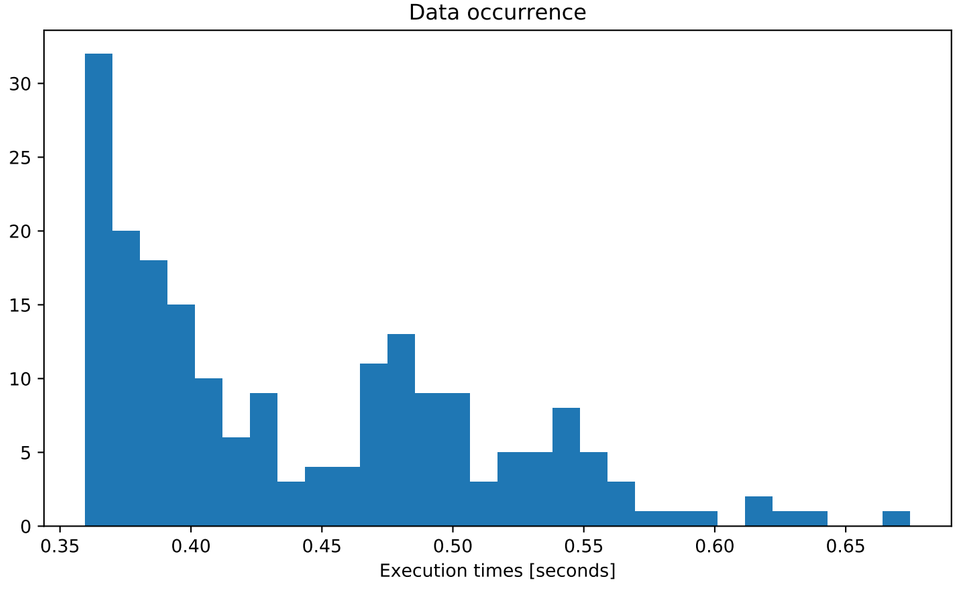

CORRELATION (NOT IID with p-value 0.0)
Data occurrence
0.04
0.02
0.00
−0.02
−0.04
0.0
0.2
0.4
0.6
0.8
1.0
Execution times [seconds]
Execution times
data
data with no outlier
data mean
−0.04
−0.02
0.00
0.02
0.04
Simulations

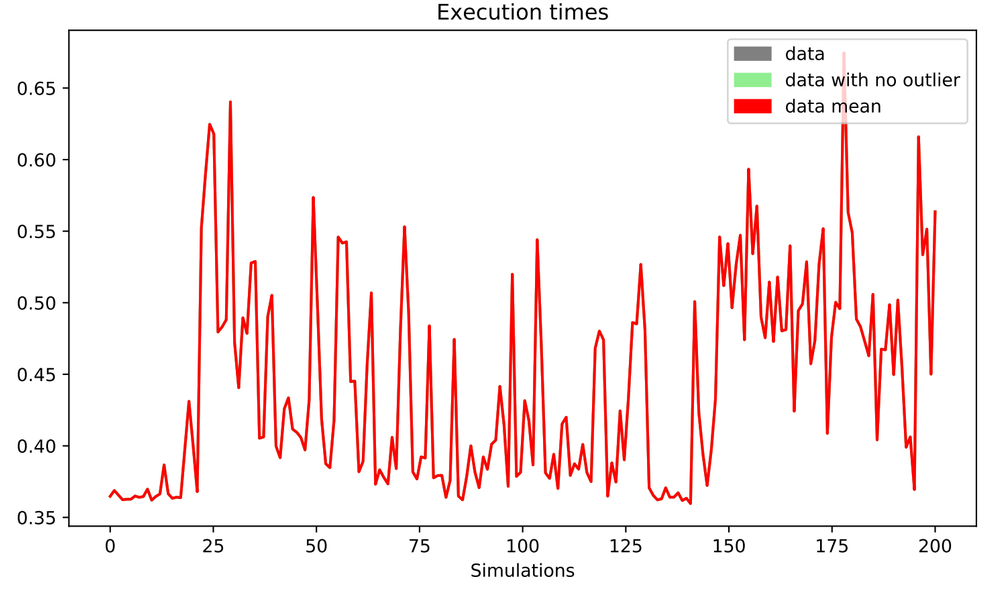

COVARIANCE (IID with p-value 0.4653333333)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

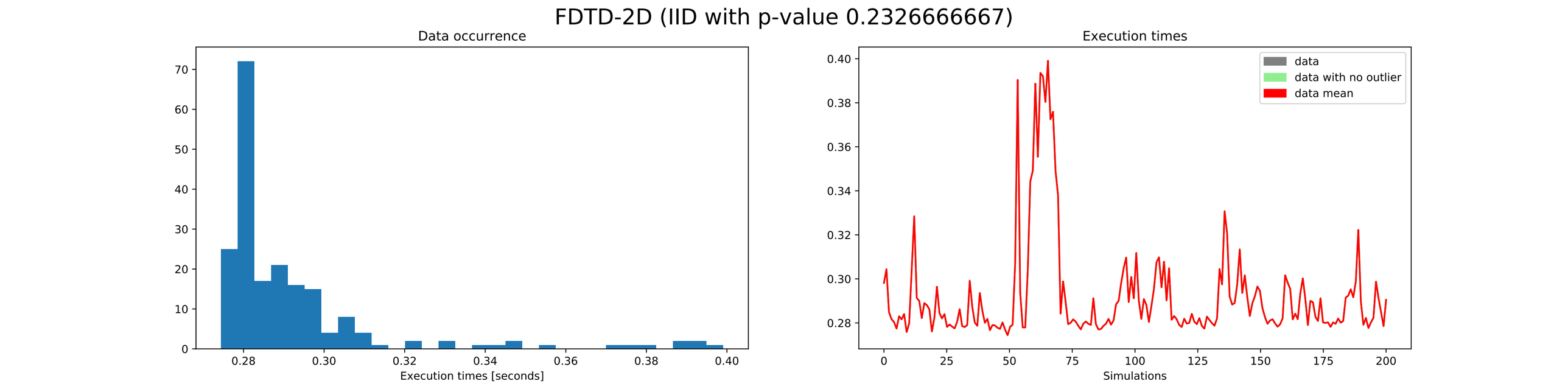

DOITGEN (IID with p-value 0.5325)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

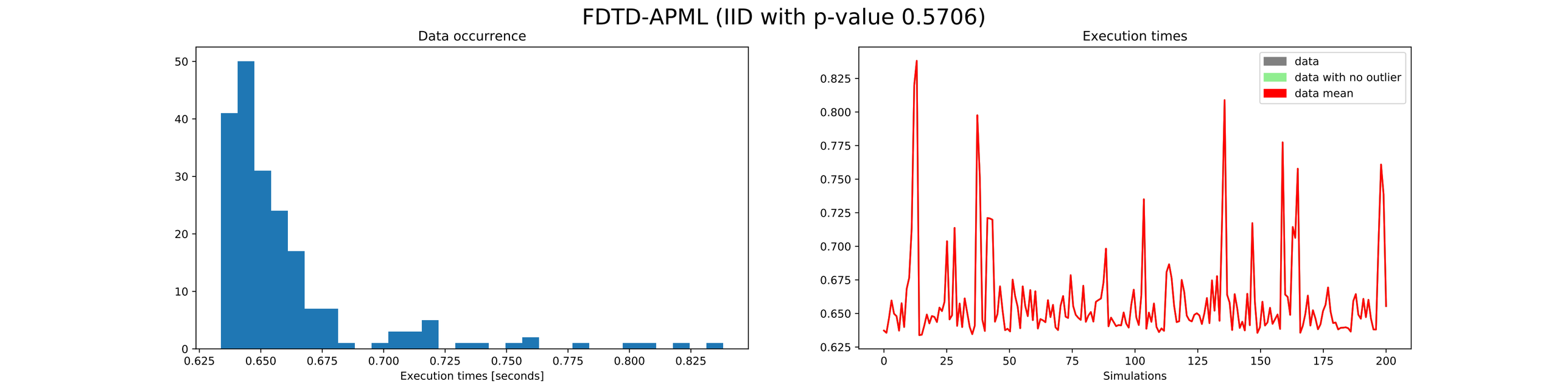

DURBIN (NOT IID with p-value 0.0)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

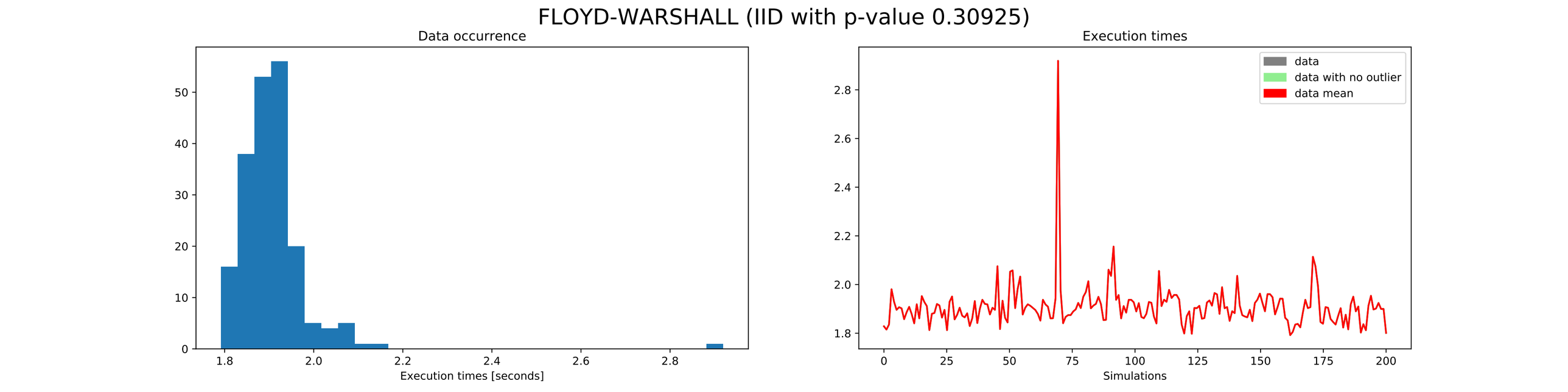
DYNPROG (IID with p-value 0.5783333333)



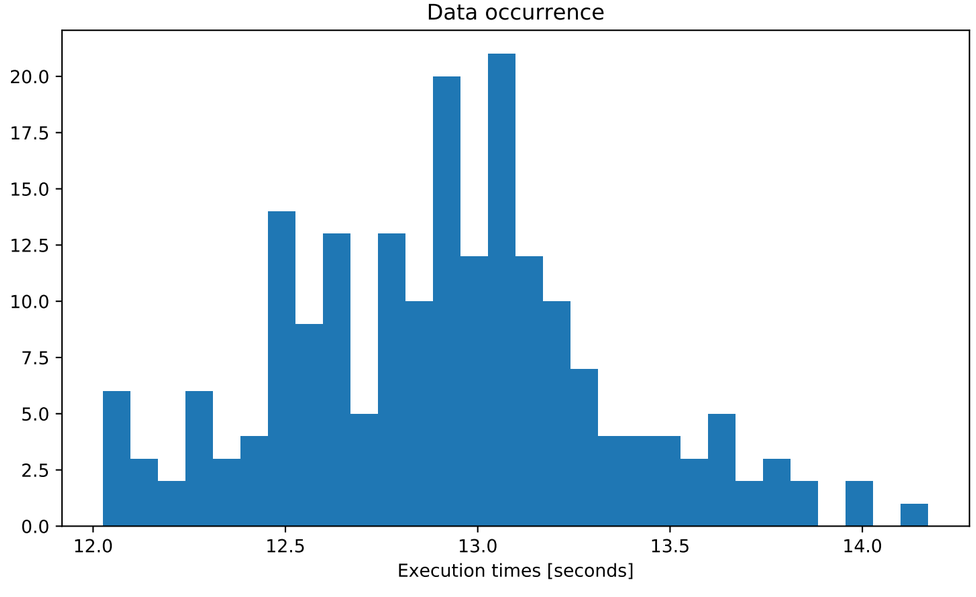


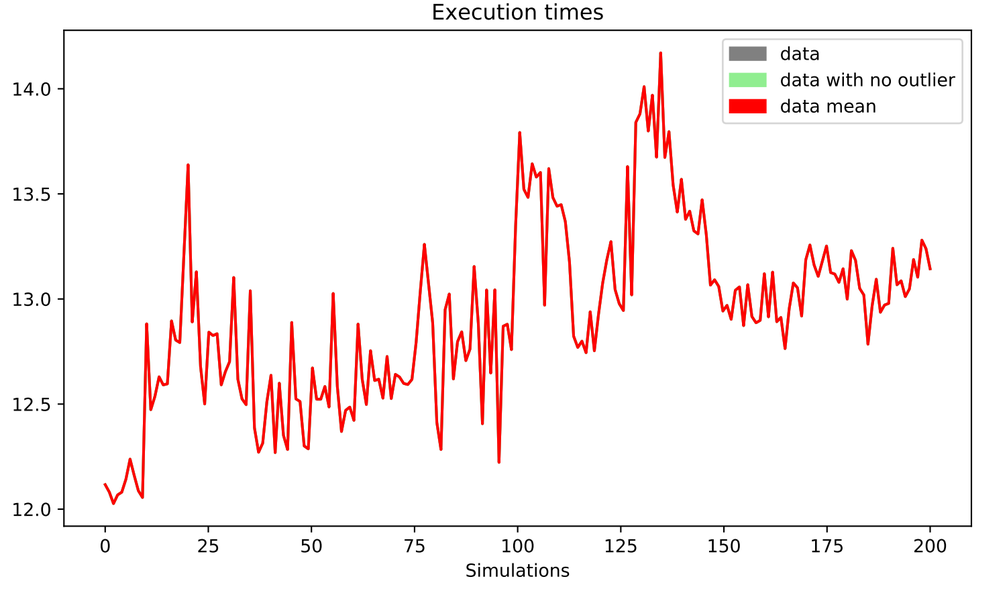

FDTD-2D (IID with p-value 0.2326666667)
Data occurrence
70
60
50
40
30
20
10
0
0.28
0.30
0.32
0.34
0.36
0.38
0.40
Execution times [seconds]
Execution times
data
data with no outlier
data mean
0.40
0.38
0.36
0.34
0.32
0.30
0.28
0
25
50
75
100
125
150
175
200
Simulations

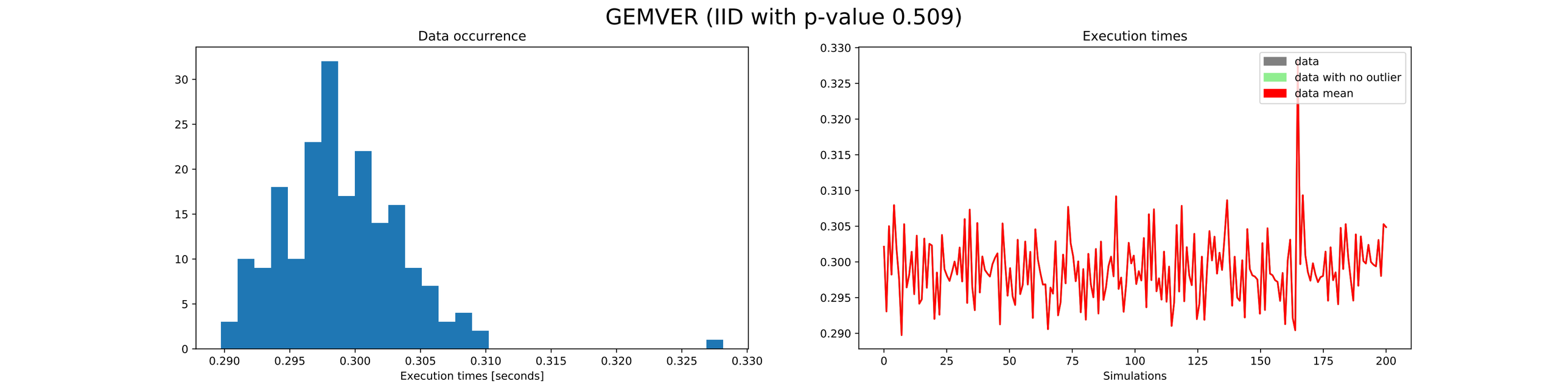

FDTD-APML (IID with p-value 0.5706)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean


FLOYD-WARSHALL (IID with p-value 0.30925)
Data occurrence
50
40
30
20
10
0
1.8
2.0
2.2
2.4
2.6
2.8
Execution times [seconds]
Execution times
data
data with no outlier
data mean
2.8
2.6
2.4
2.2
2.0
1.8
0
25
50
75
100
125
150
175
200
Simulations

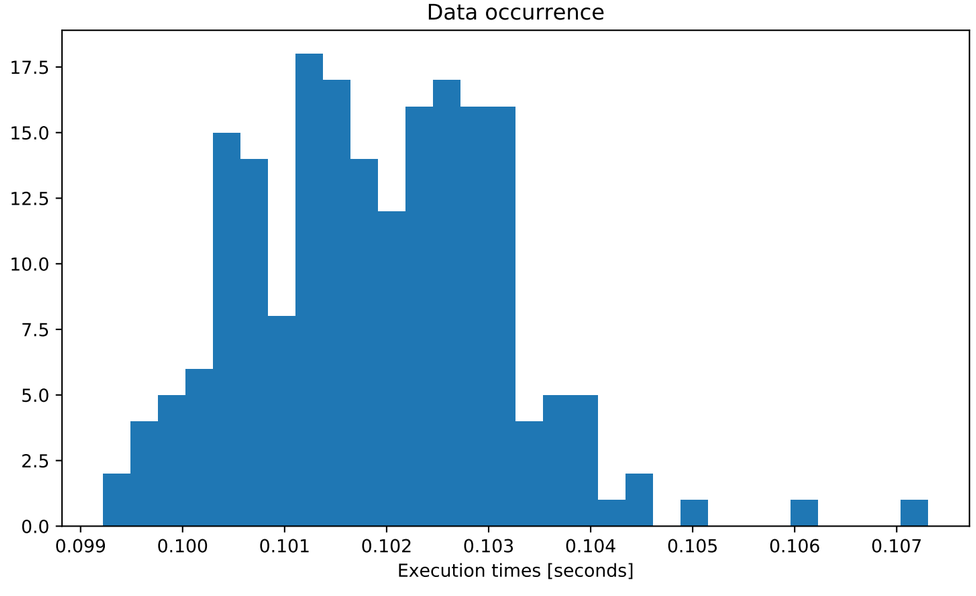
GEMM (NOT IID with p-value 0.00325)

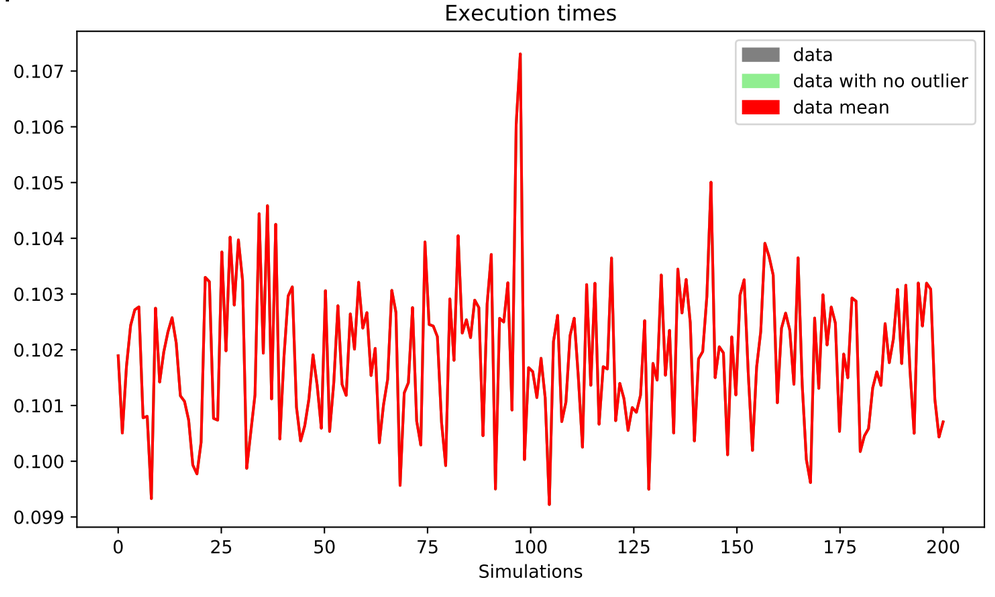




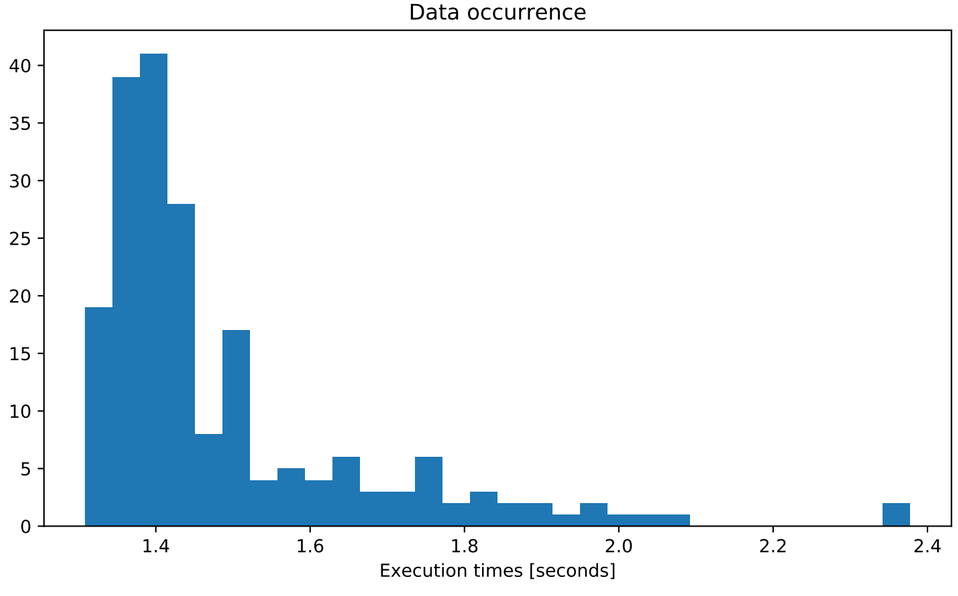

GEMVER (IID with p-value 0.509)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

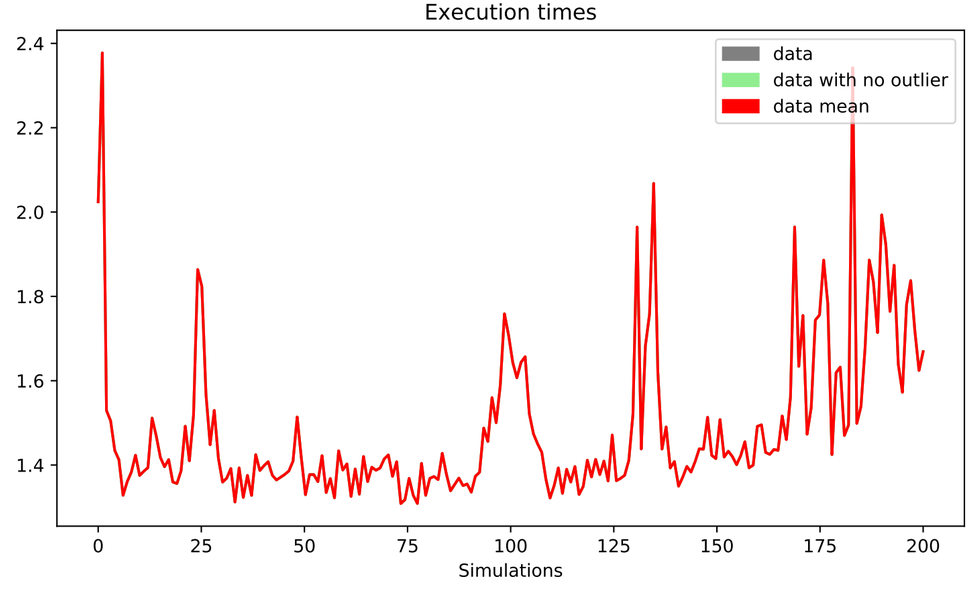
GESUMMV (IID with p-value 0.604)



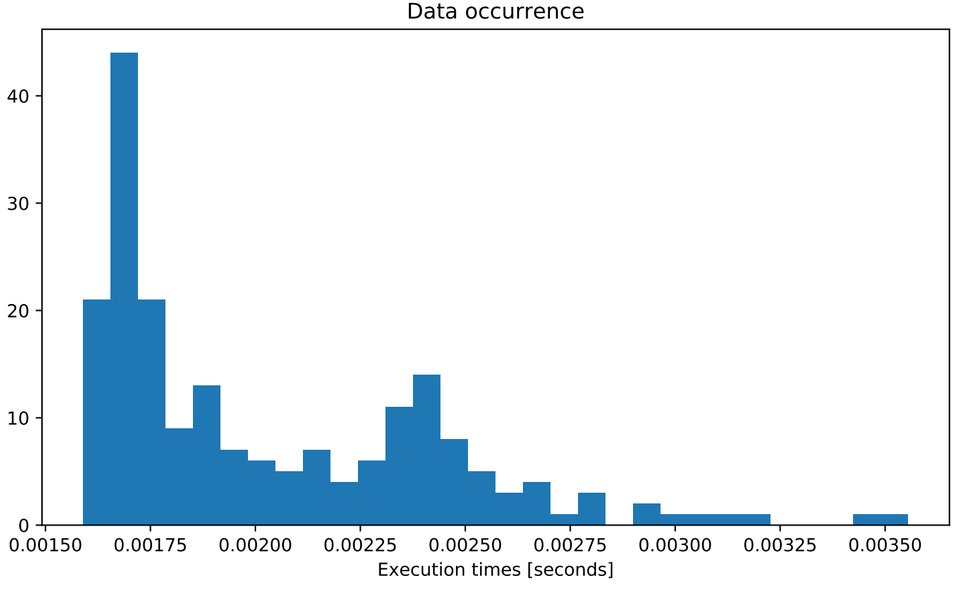


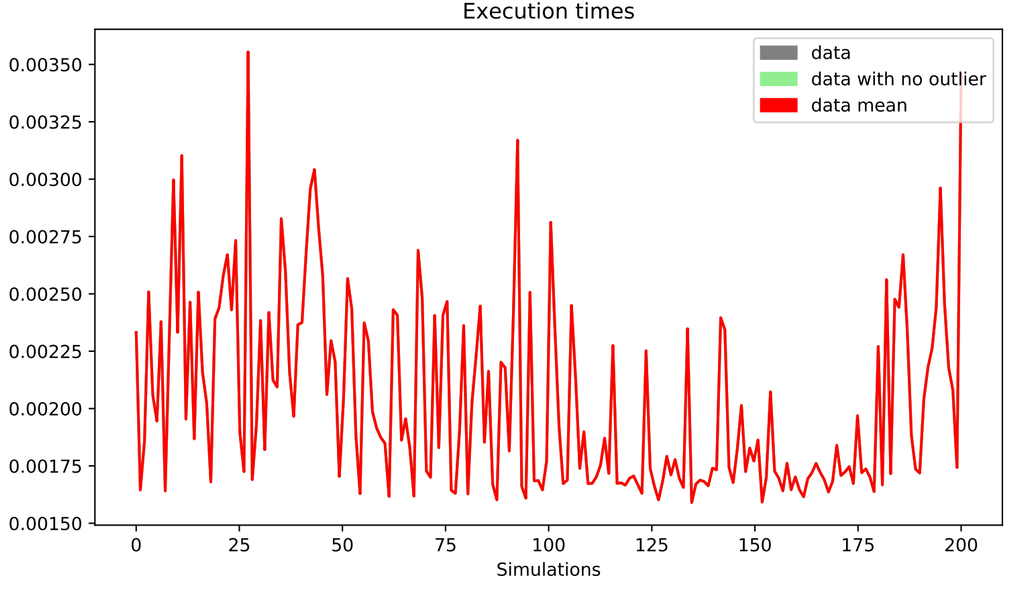
GRAMSCHMIDT (IID with p-value 0.4236666667)



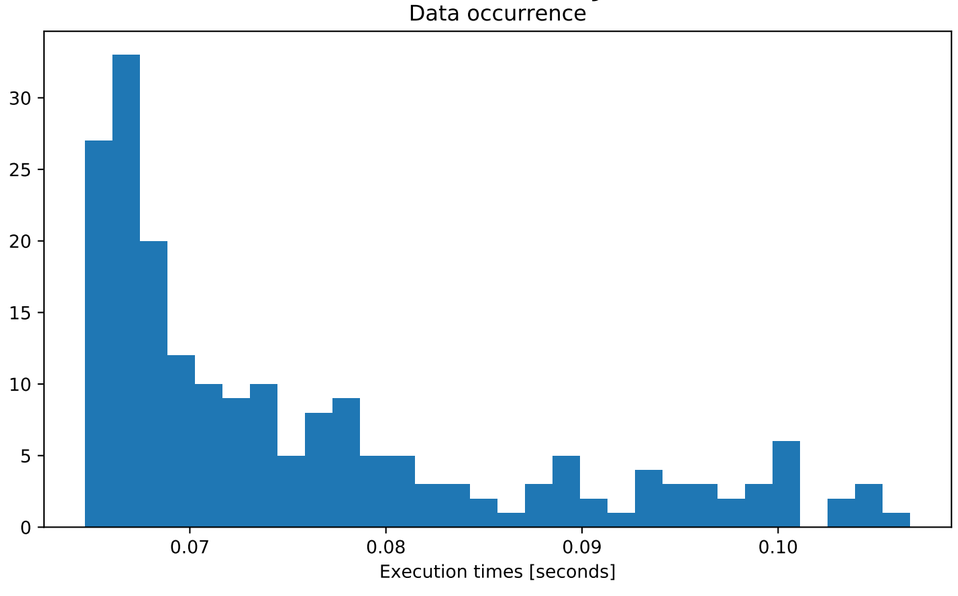


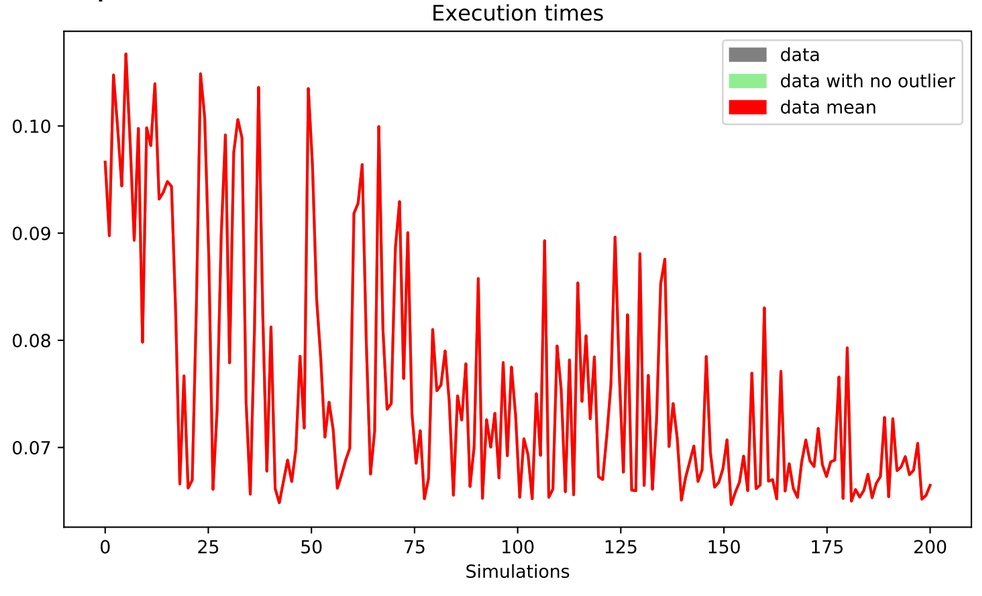
JACOBI-1D-IMPER (NOT IID with p-value 0.0086666667)



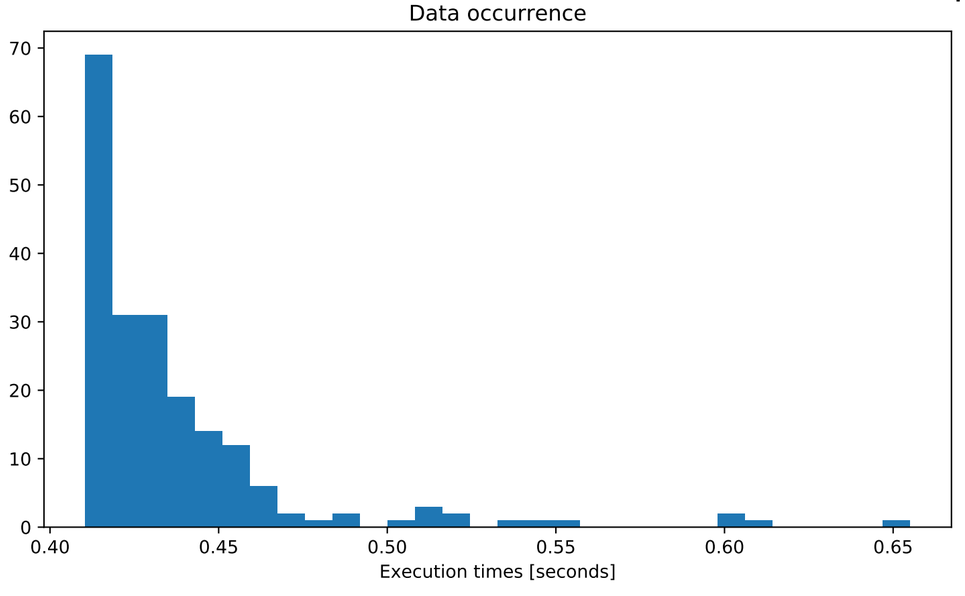


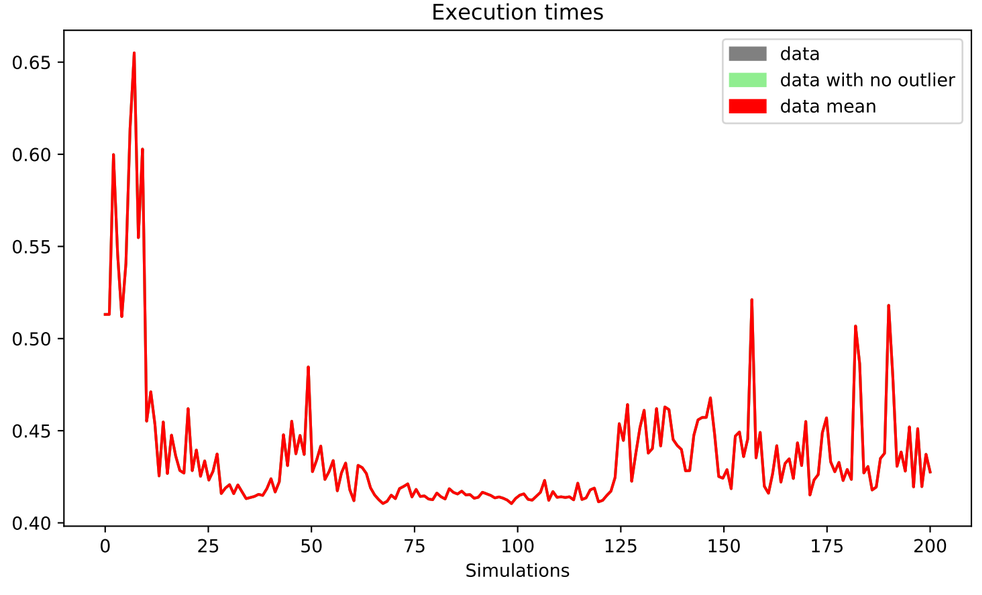
JACOBI-2D-IMPER (NOT IID with p-value 0.003)

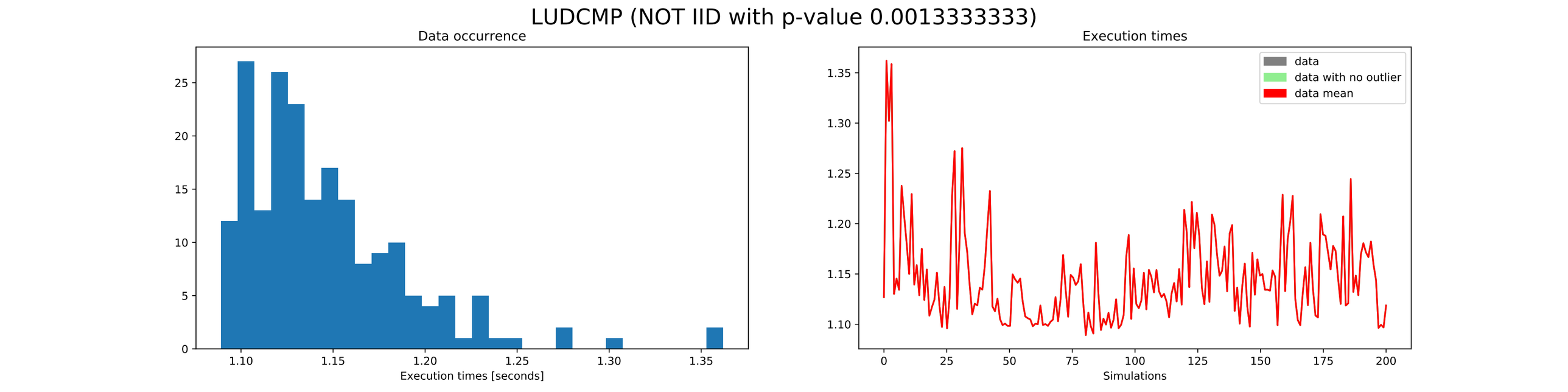


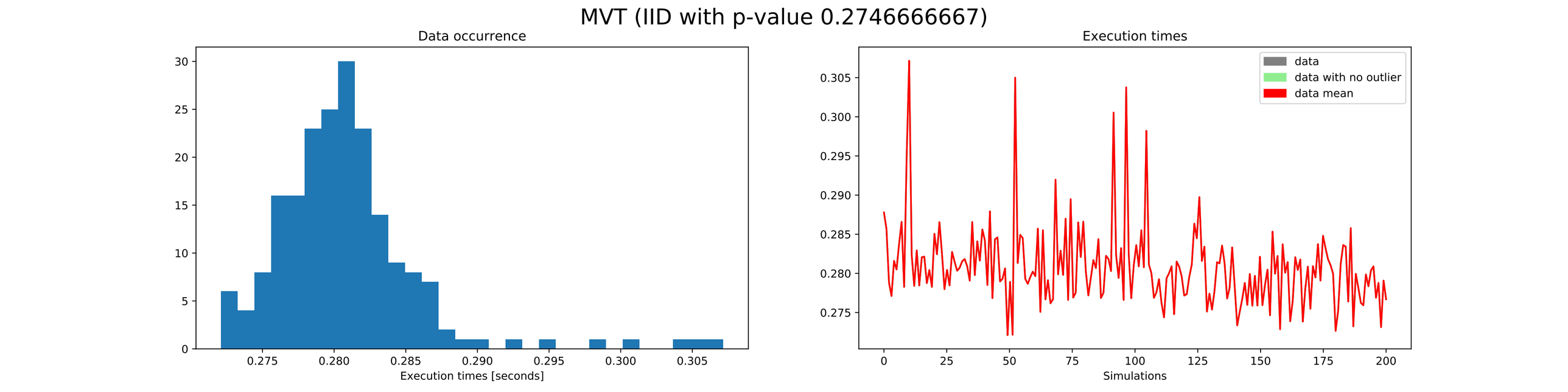


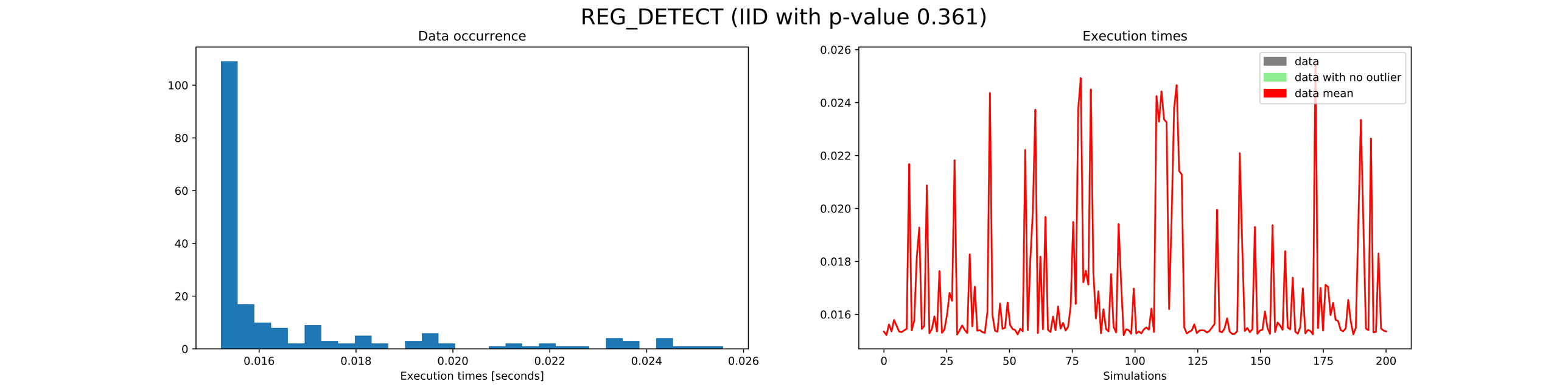
LU (NOT IID with p-value 0.0053333333)



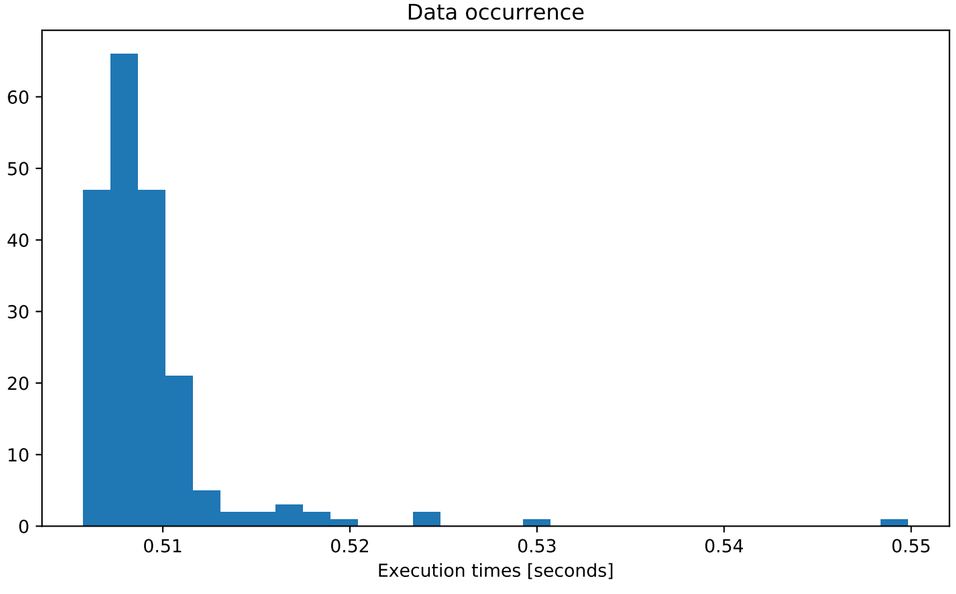


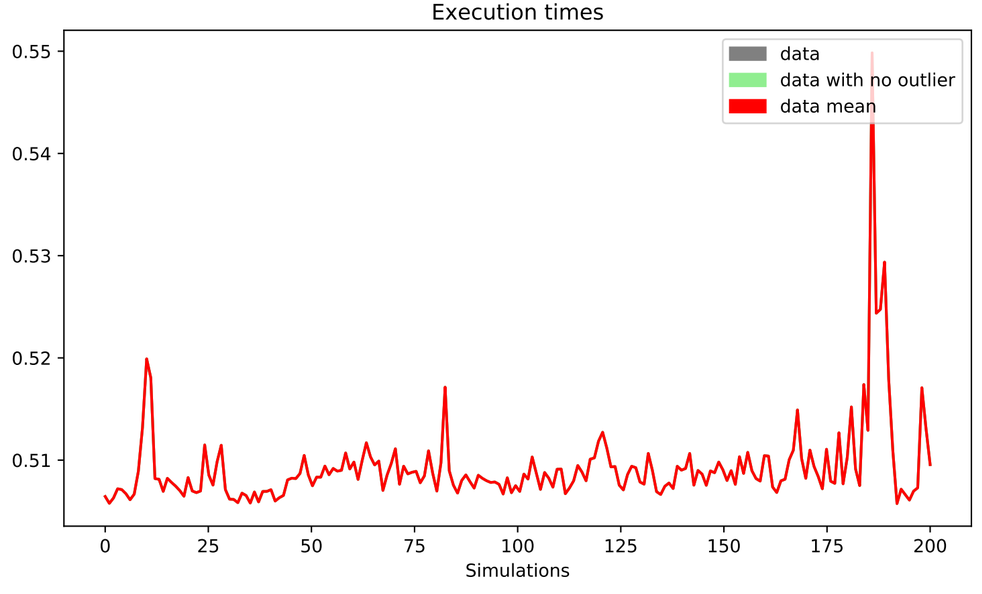

LUDCMP (NOT IID with p-value 0.0013333333)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

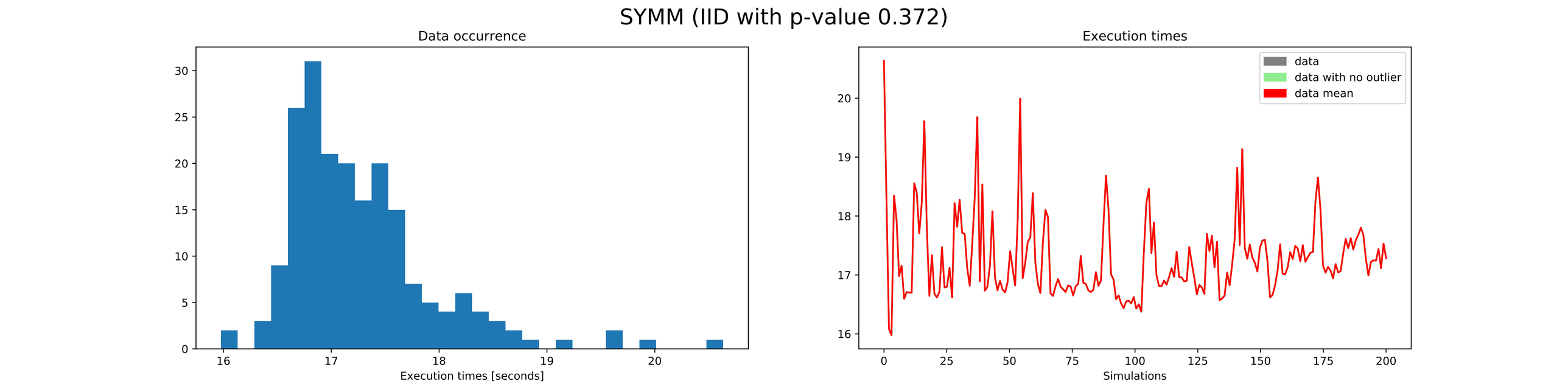

MVT (IID with p-value 0.2746666667)
Data occurrence
30
25
20
15
10
5
0
0.275
0.280
0.285
0.290
0.295
0.300
0.305
Execution times [seconds]
Execution times
data
data with no outlier
data mean
0.305
0.300
0.295
0.290
0.285
0.280
0.275
0
25
50
75
100
125
150
175
200
Simulations


REG_DETECT (IID with p-value 0.361)
Data occurrence
100
80
60
40
20
0
0.016
0.018
0.020
0.022
0.024
0.026
Execution times [seconds]
Execution times
0.026
0.024
0.022
0.020
0.018
0.016
data
data with no outlier
data mean
0
25
50
75
100
125
150
175
200
Simulations

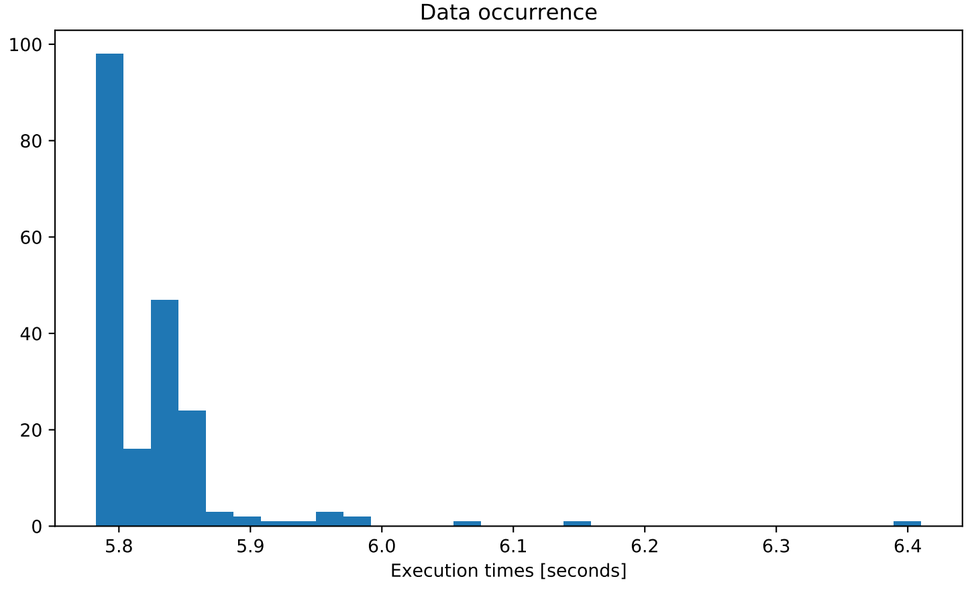
SEIDEL-2D (IID with p-value 0.3683333333)

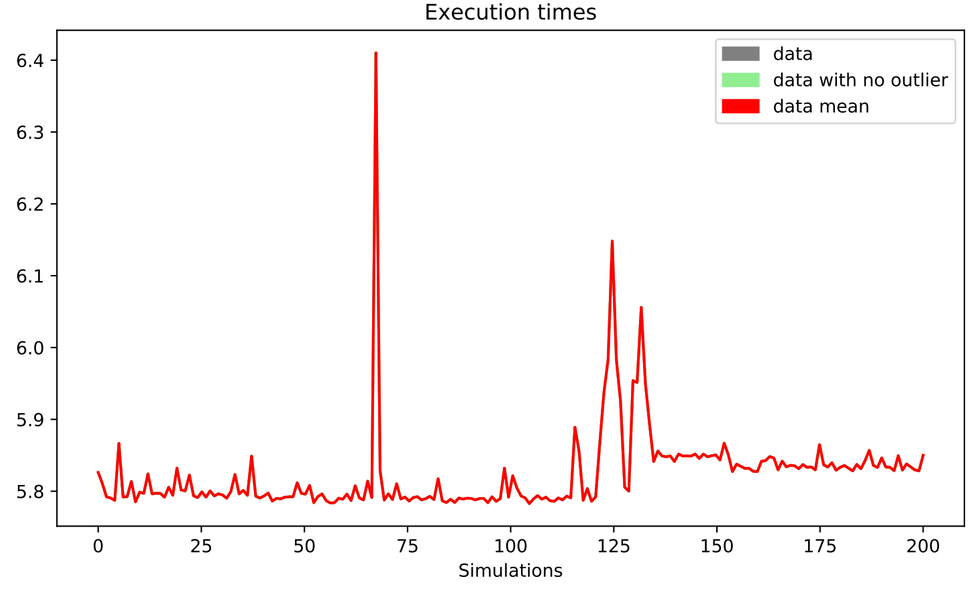


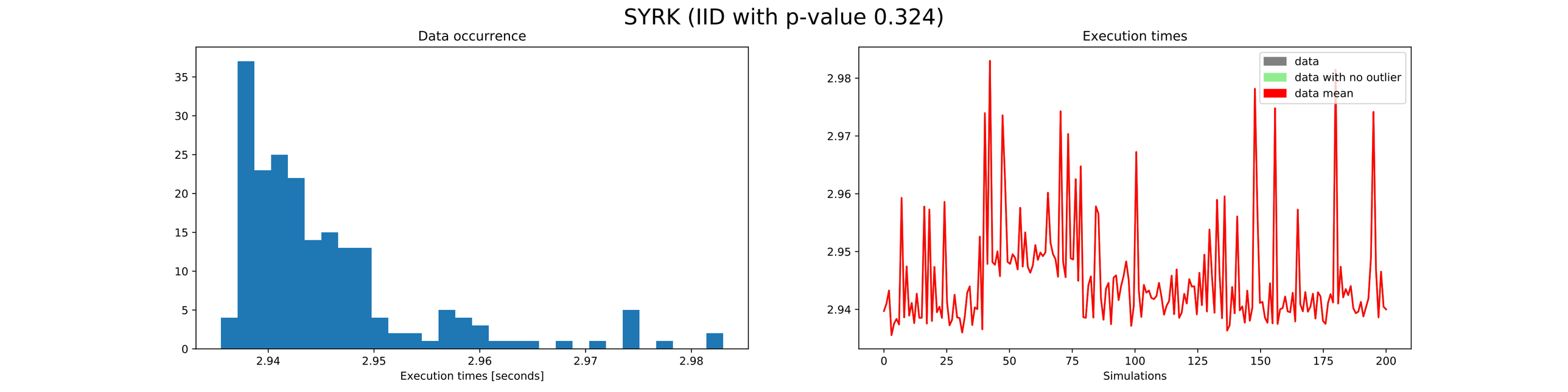


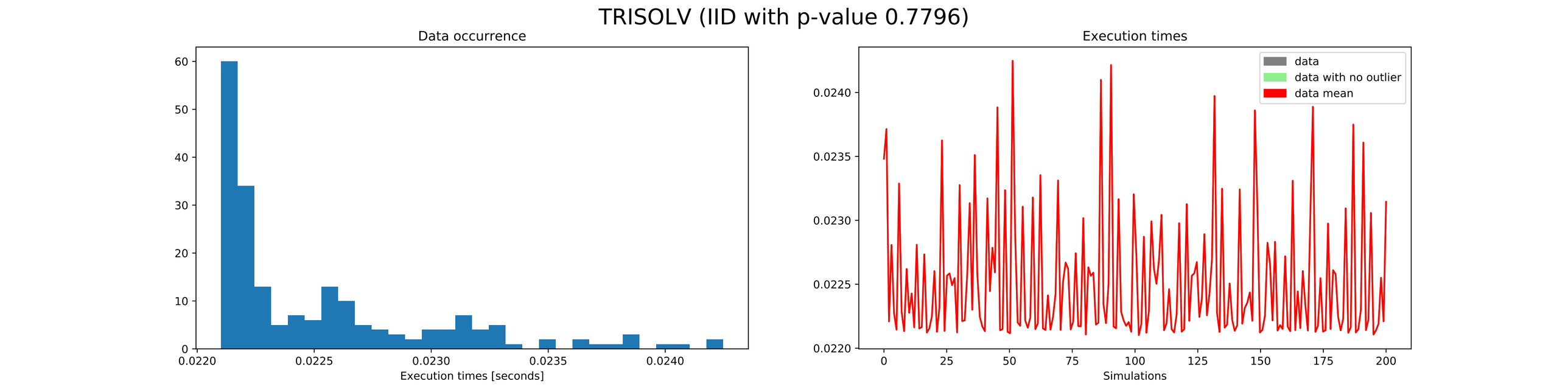
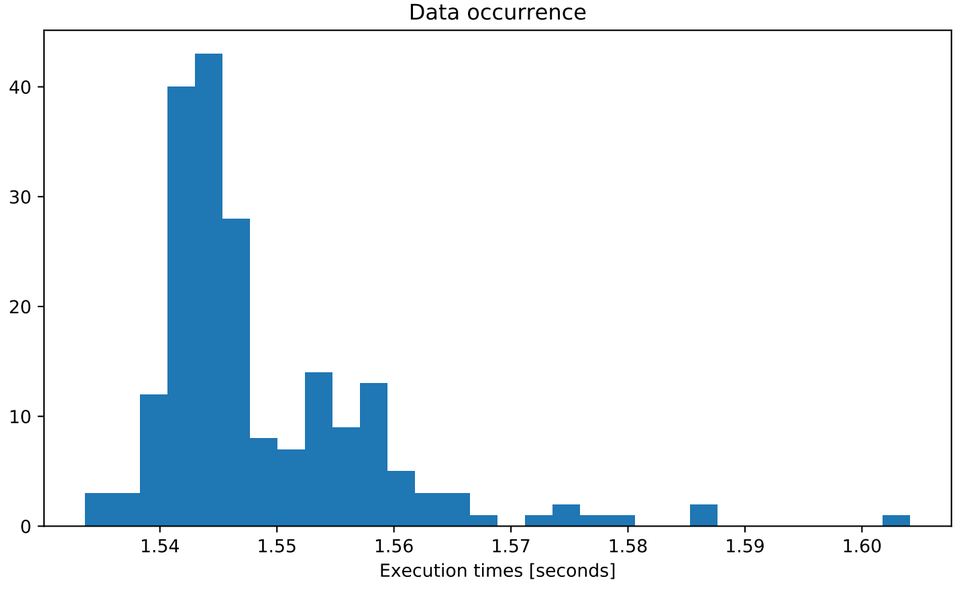
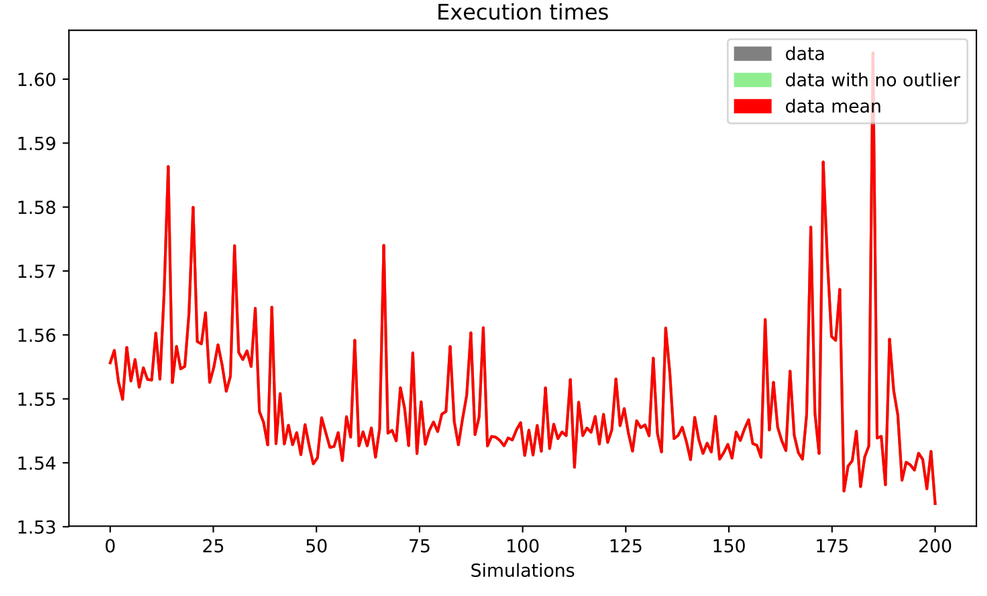

SYMM (IID with p-value 0.372)
Data occurrence
Execution times [seconds]
Execution times
Simulations
data
data with no outlier
data mean

SYR2K (NOT IID with p-value 0.0043333333)






SYRK (IID with p-value 0.324)
Data occurrence
35
30
25
20
15
10
5
0
2.94
2.95
2.96
2.97
2.98
Execution times [seconds]
Execution times
data
data with no outlier
data mean
2.98
2.97
2.96
2.95
2.94
0
25
50
75
100
125
150
175
200
Simulations


TRISOLV (IID with p-value 0.7796)
Data occurrence
60
50
40
30
20
10
0
0.0220
0.0225
0.0230
0.0235
0.0240
Execution times [seconds]
Execution times
data
data with no outlier
data mean
0.0240
0.0235
0.0230
0.0225
0.0220
0
25
50
75
100
125
150
175
200
Simulations

TRMM (NOT IID with p-value 0.0153333333)