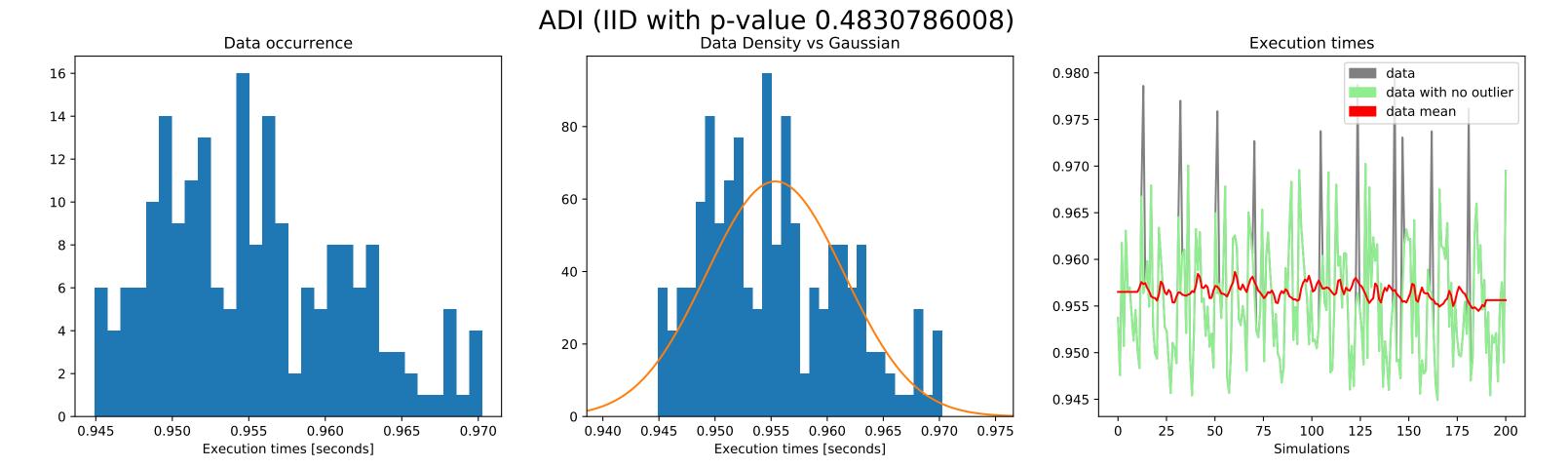
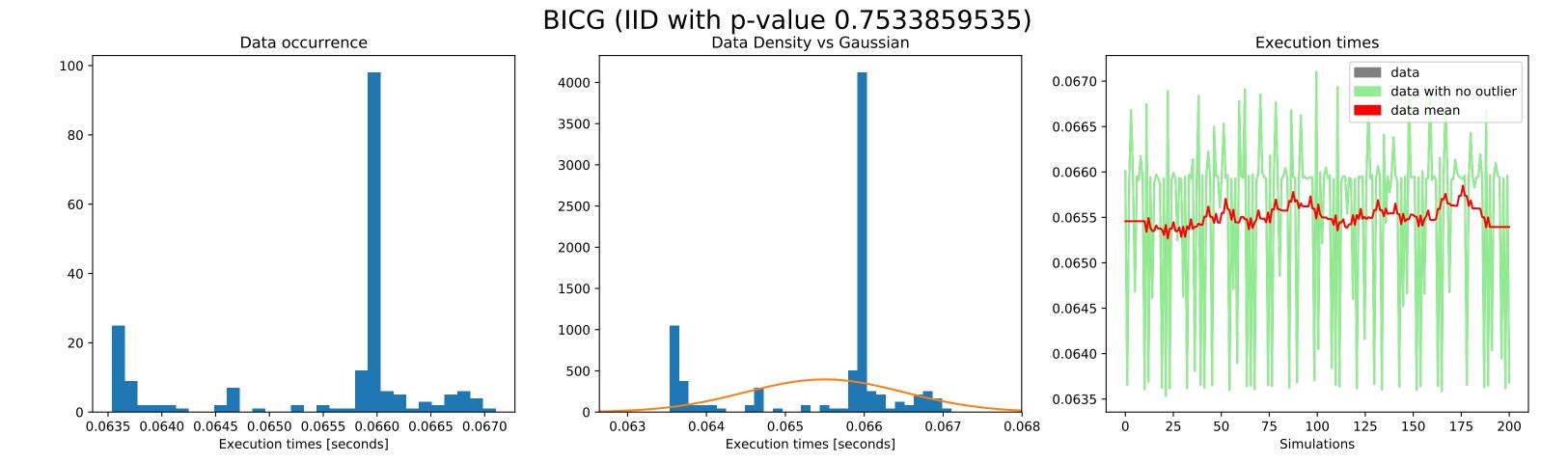


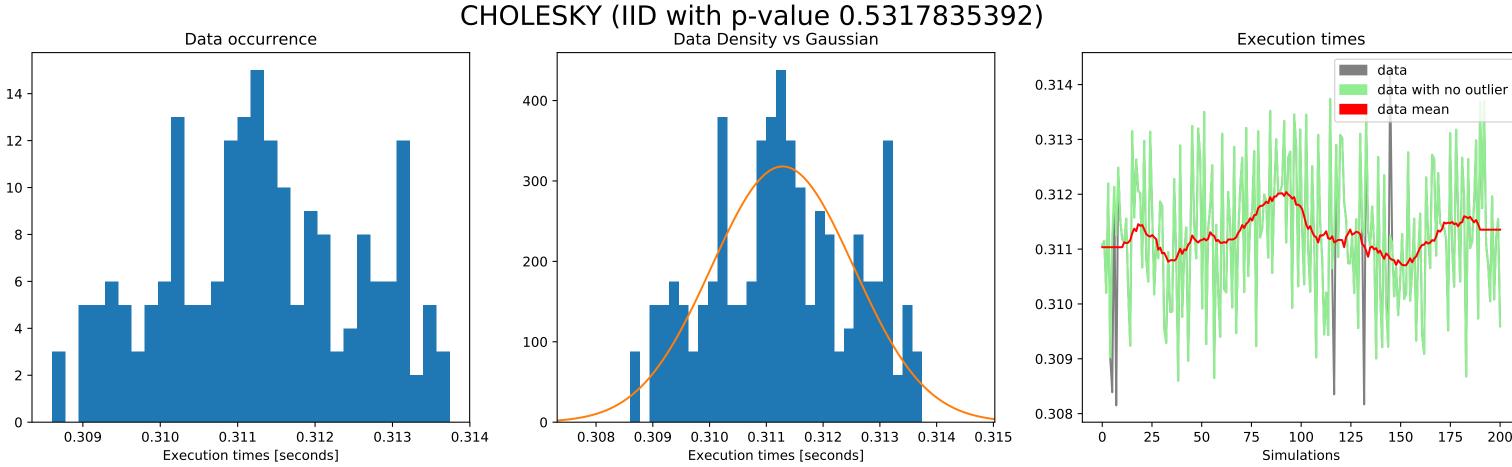
3MM (IID with p-value 0.4648931132) Data Density vs Gaussian **Execution times** Data occurrence data data with no outlier 14 32.2 data mean 32.0 12 31.8 10 -31.6 -0.8 -31.4 -0.6 -31.2 0.4 -31.0 30.8 -31.2 31.6 31.8 32.0 30.75 31.00 31.25 31.50 31.75 32.00 32.25 32.50 175 31.4 100 125 Simulations Execution times [seconds] Execution times [seconds]



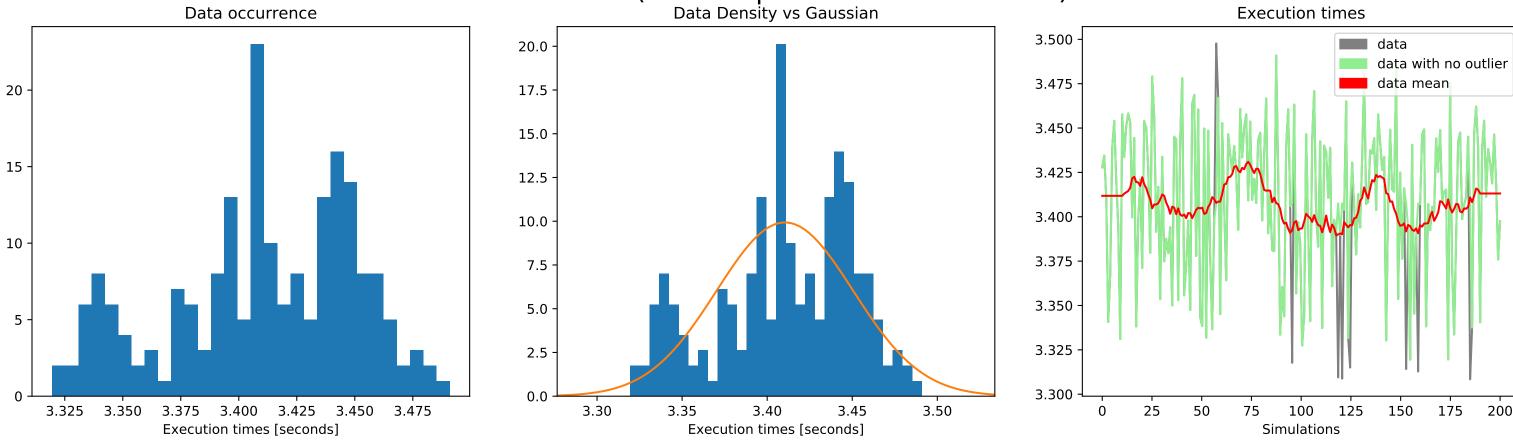
ATAX (IID with p-value 0.3228747801)

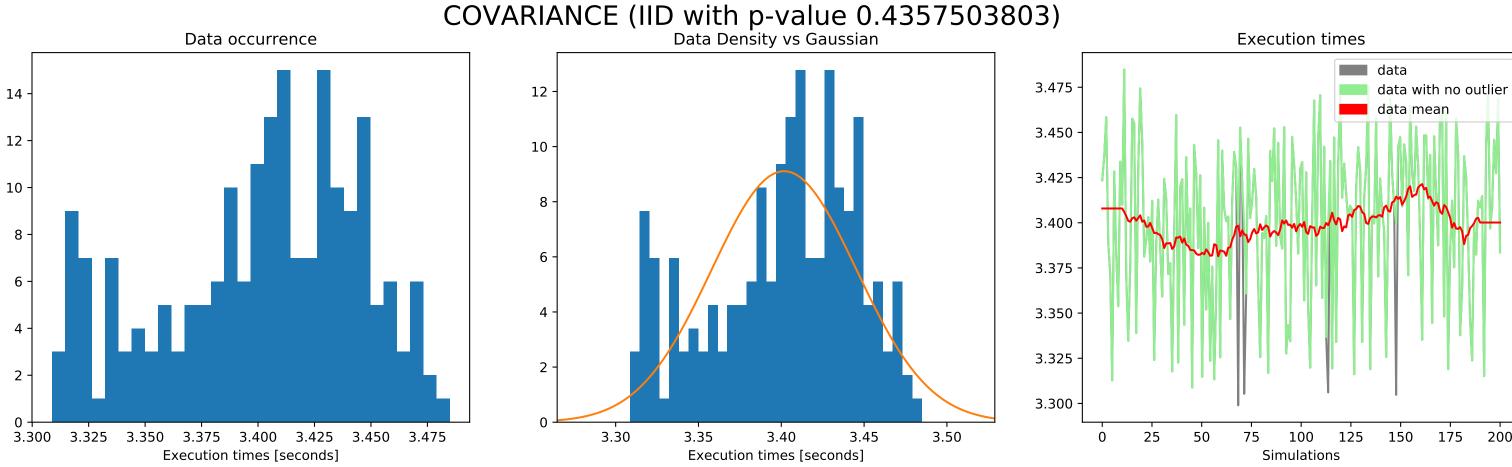
Data Density vs Gaussian **Execution times** Data occurrence 0.0415 **data** data with no outlier 100 5000 data mean 0.0410 80 4000 0.0405 -60 3000 0.0400 0.0395 -40 2000 -0.0390 -20 1000 -0.0385 -0.0385 0.0390 0.0395 0.0400 0.0405 0.0410 0.0415 0.0380 0.0385 0.0390 0.0395 0.0400 0.0405 0.0410 0.0415 0.0420 25 100 125 175 Execution times [seconds] Execution times [seconds] Simulations





CORRELATION (IID with p-value 0.6657720159)





DOITGEN (IID with p-value 0.5921766837) Data Density vs Gaussian Data occurrence **Execution times** 0.550 25 data data with no outlier data mean 200 0.545 -20 -0.540 150 15 · 0.535 -100 -0.530 10 -0.525 -0.520 0.515 -0.516 0.518 0.520 0.522 0.524 0.526 0.528 0.530 0.532 0.515 0.520 0.525 0.530 0.535 175 100 Simulations Execution times [seconds] Execution times [seconds]

DURBIN (IID with p-value 0.7726214263) Data Density vs Gaussian Data occurrence **Execution times** data 500 0.239 data with no outlier data mean 400 0.238 10 0.237 300 -0.236 -200 0.235 100 -0.234 -

0.235

0.236

Execution times [seconds]

0.234

0.237

0.238

0.233

0.234

0.235

0.236

Execution times [seconds]

0.237

0.238

0.239

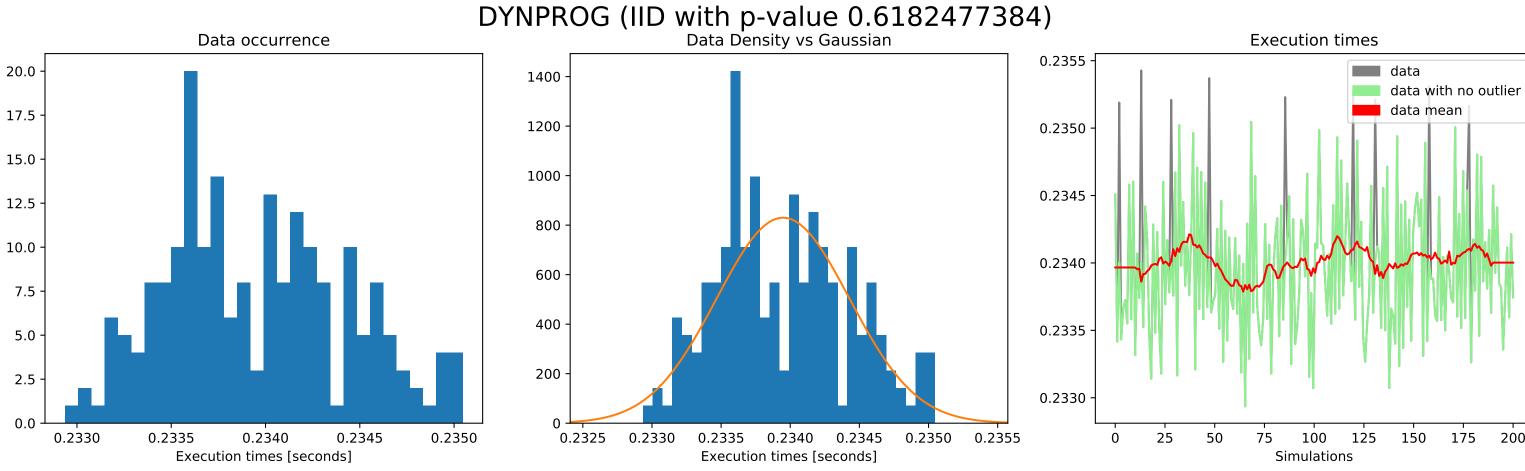
150

100

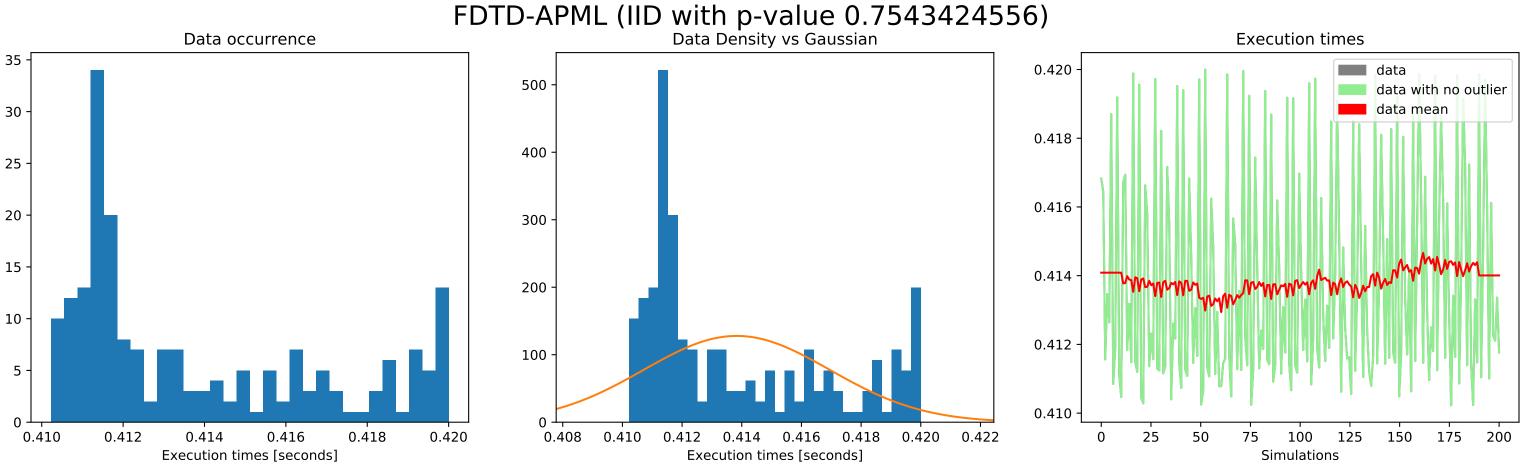
Simulations

125

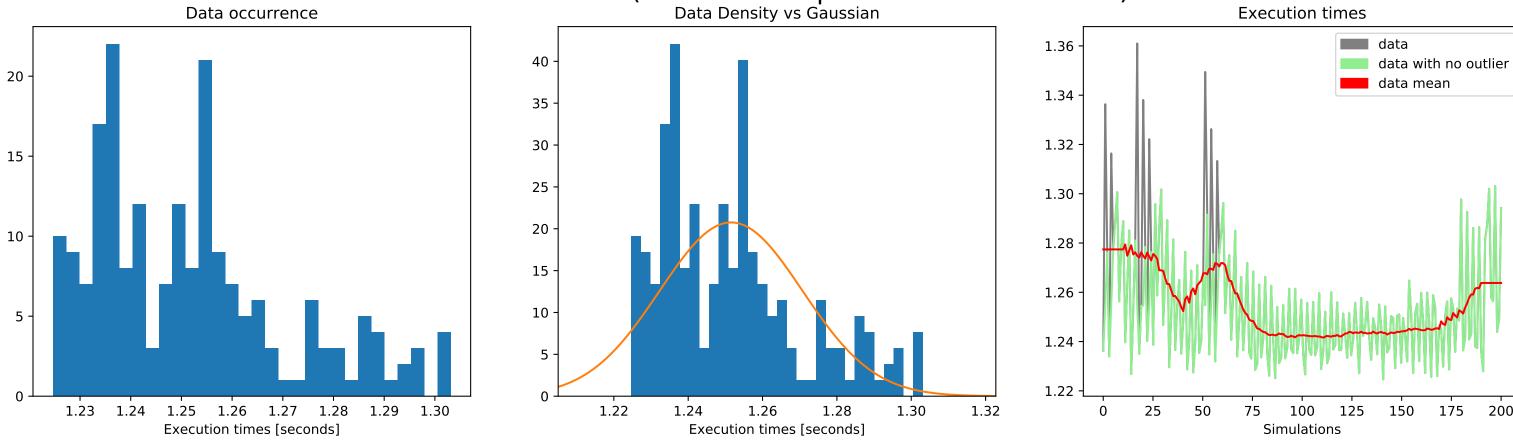
175

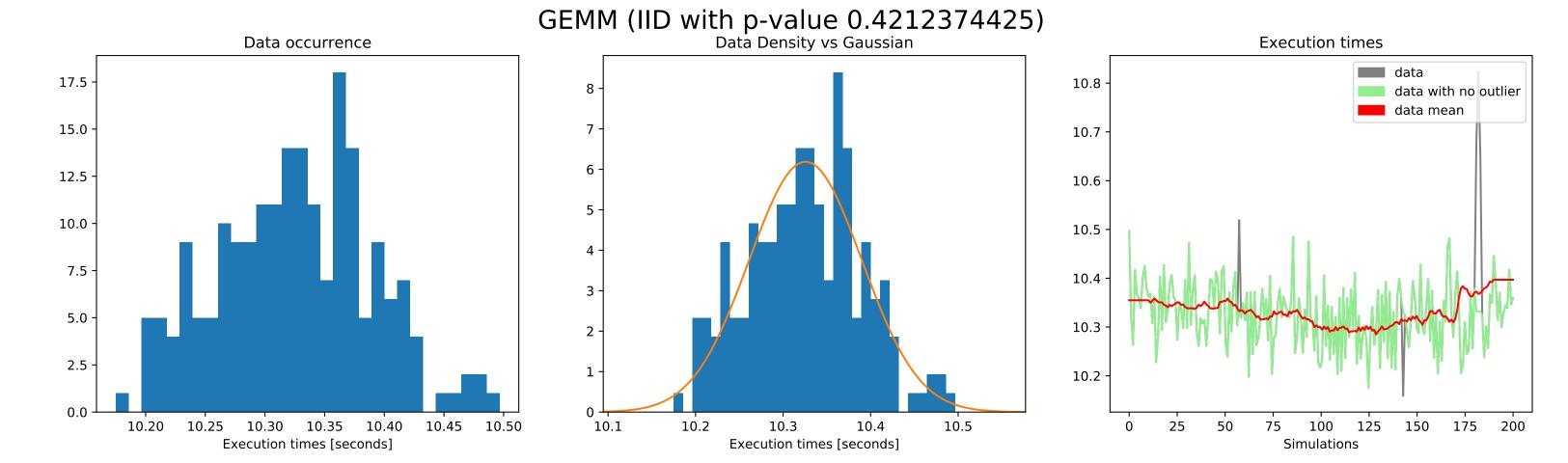


FDTD-2D (IID with p-value 0.2861087394)
Data Density vs Gaussian Data occurrence **Execution times** data 175 -25 data with no outlier 0.240 data mean 150 20 0.235 125 -15 0.230 100 -10 0.225 0.220 25 -0.220 0.225 0.230 0.235 0.240 0.215 0.220 0.235 0.240 25 150 175 0.225 0.230 0.245 100 125 Execution times [seconds] Execution times [seconds] Simulations



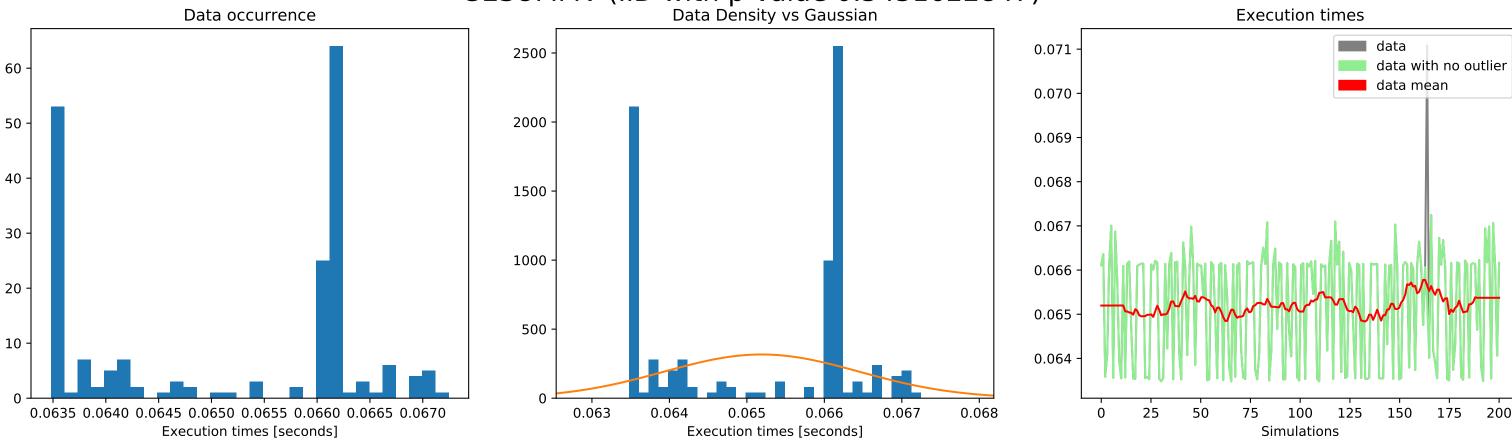
FLOYD-WARSHALL (NOT IID with p-value 0.0002839507) Data Density vs Gaussian



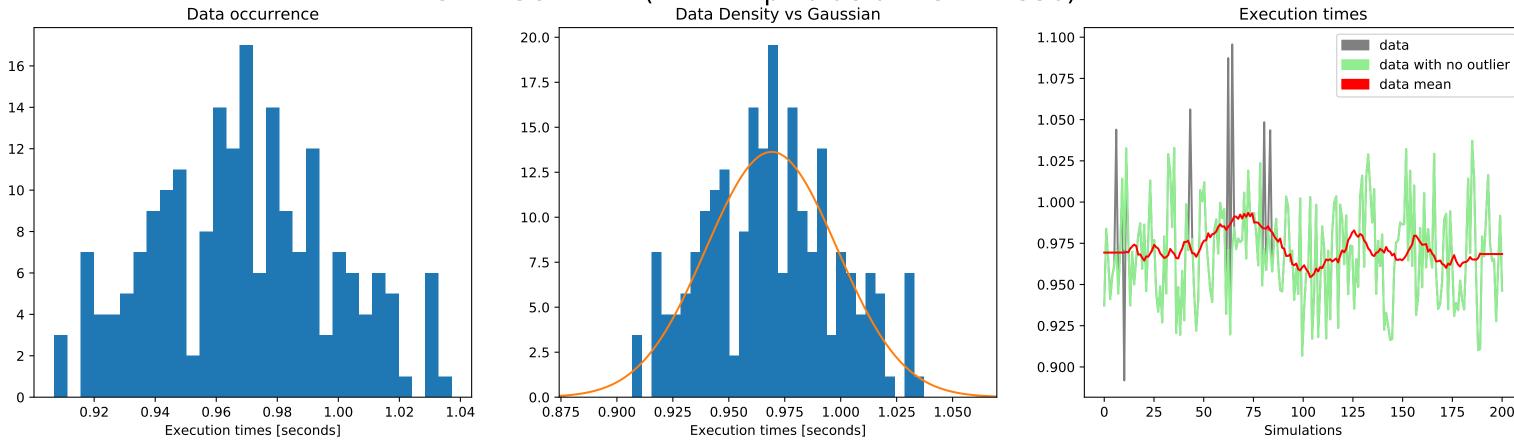


GEMVER (IID with p-value 0.6137865233) Data Density vs Gaussian Data occurrence **Execution times** data 0.198 -20.0 data with no outlier 600 data mean 0.197 17.5 -500 -15.0 -0.196 12.5 -400 0.195 -10.0 -300 0.194 -7.5 200 0.193 -5.0 -100 0.192 2.5 0.191 0.0 0.193 0.194 0.195 0.196 0.197 0.192 0.195 0.197 0.198 175 0.193 0.194 0.196 100 Execution times [seconds] Execution times [seconds] Simulations

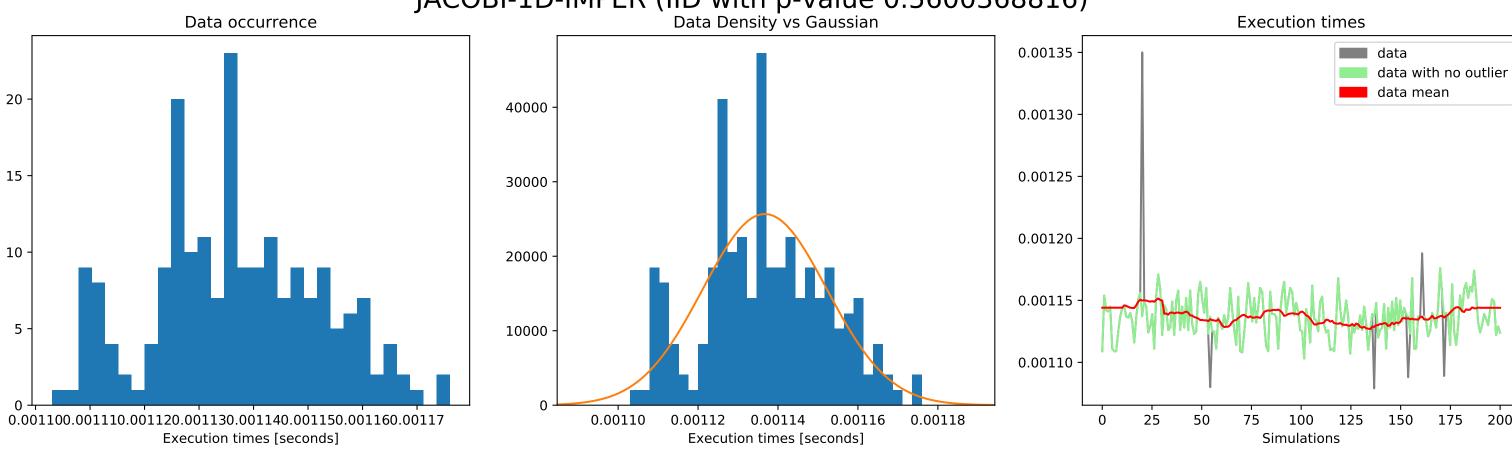
GESUMMV (IID with p-value 0.5431622847) Data Density vs Gaussian



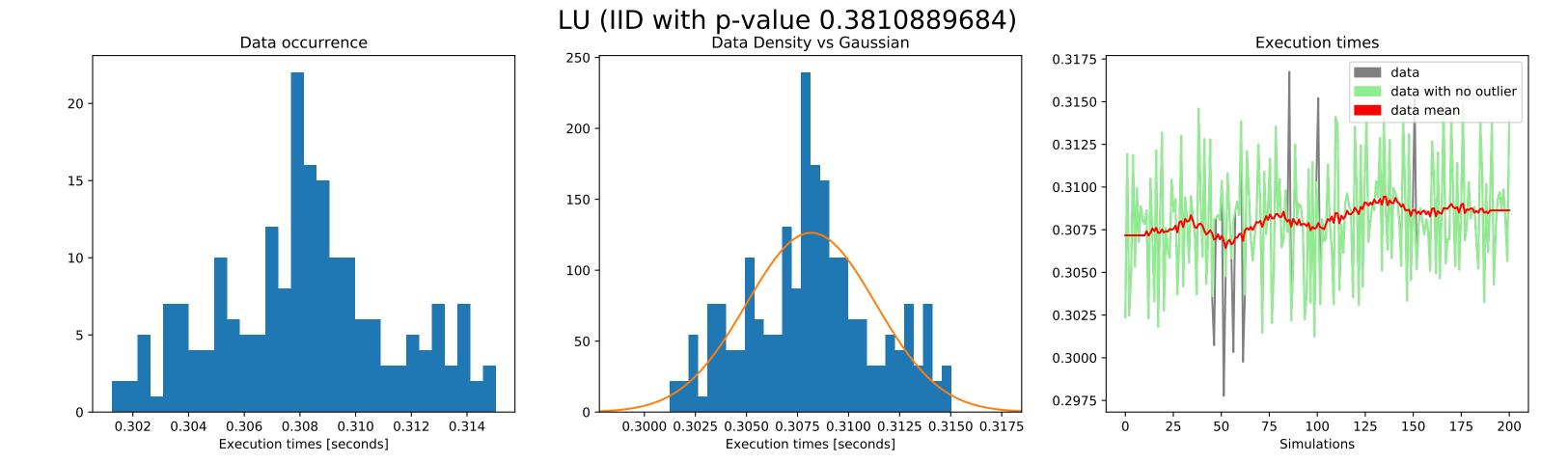
GRAMSCHMIDT (IID with p-value 0.4734424556)

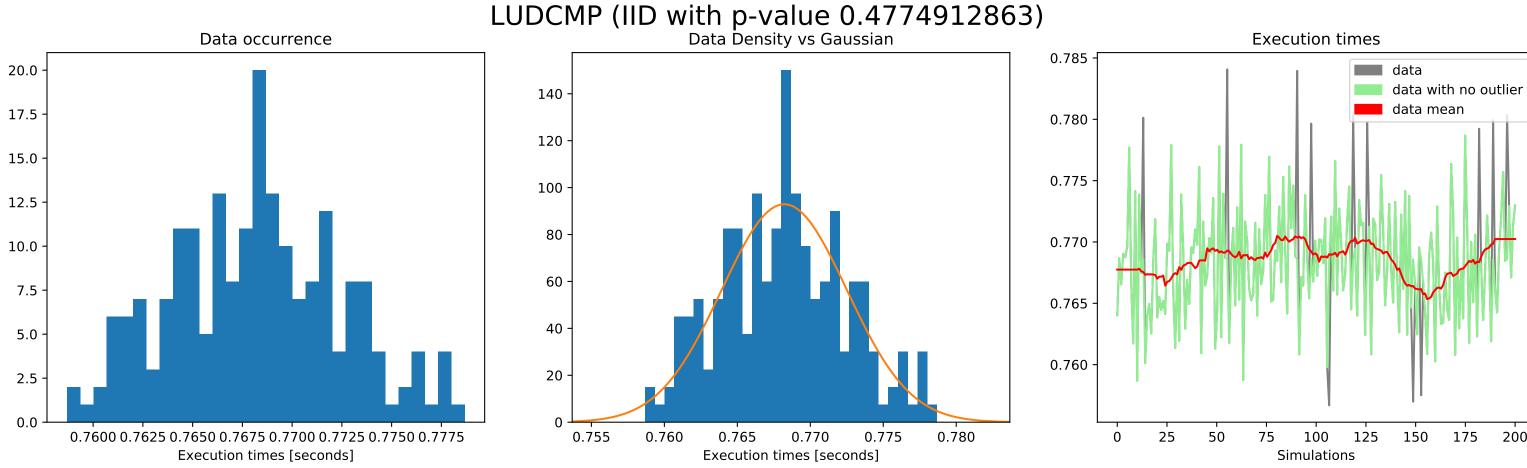


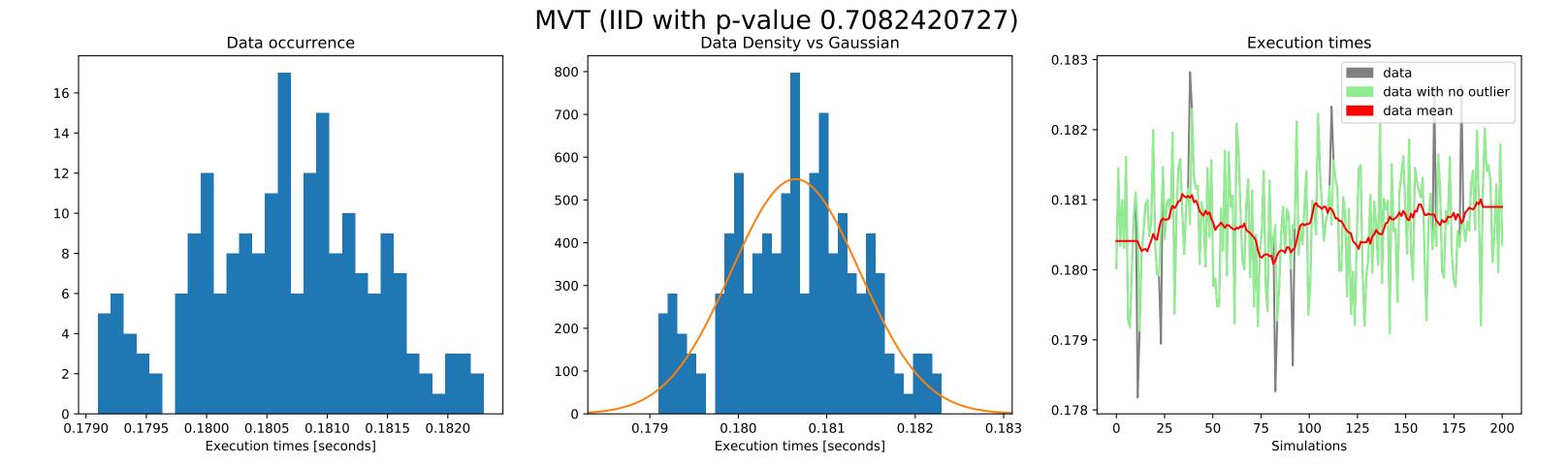
JACOBI-1D-IMPER (IID with p-value 0.5600368816) Data Density vs Gaussian

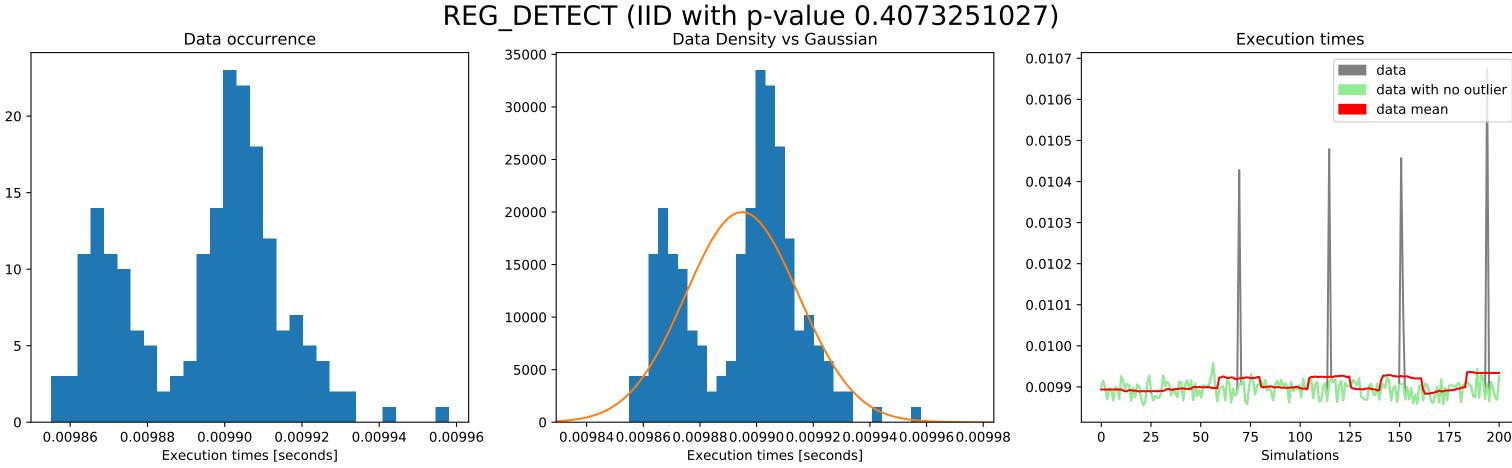


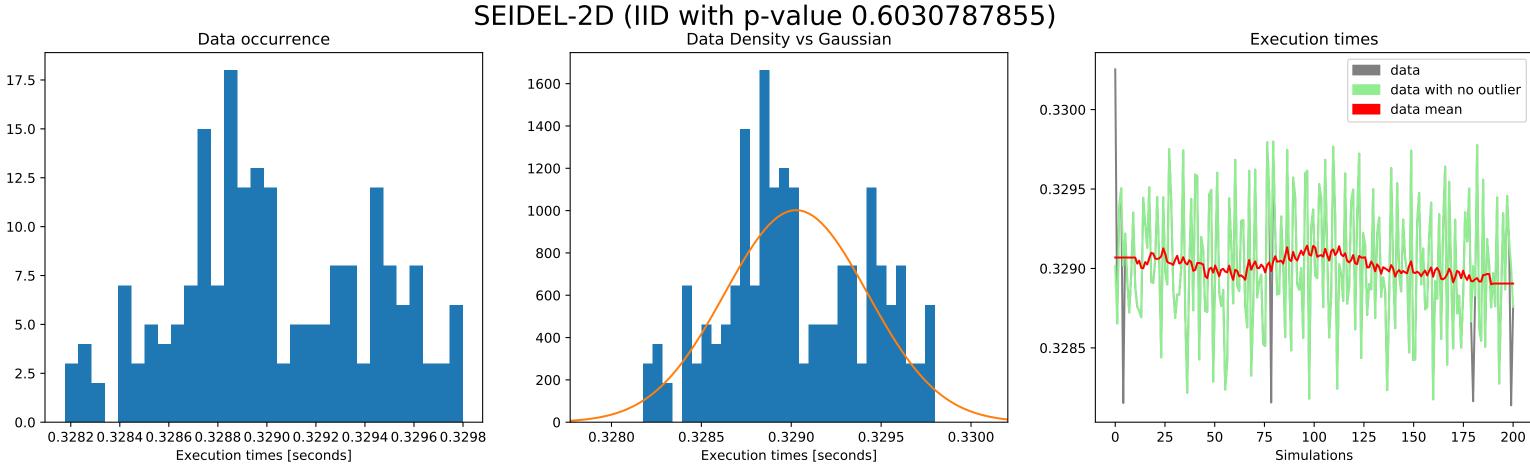
JACOBI-2D-IMPER (IID with p-value 0.7066713254)
Data Density vs Gaussian Data occurrence **Execution times data** 0.057 data with no outlier 1600 data mean 0.056 40 1400 0.055 1200 -30 0.054 1000 -800 0.053 20 600 0.052 400 10 0.051 200 0.050 0.051 0.052 0.054 0.055 0.055 0.056 125 150 175 0.053 0.050 0.051 0.052 0.053 0.054 100 Execution times [seconds] Execution times [seconds] Simulations





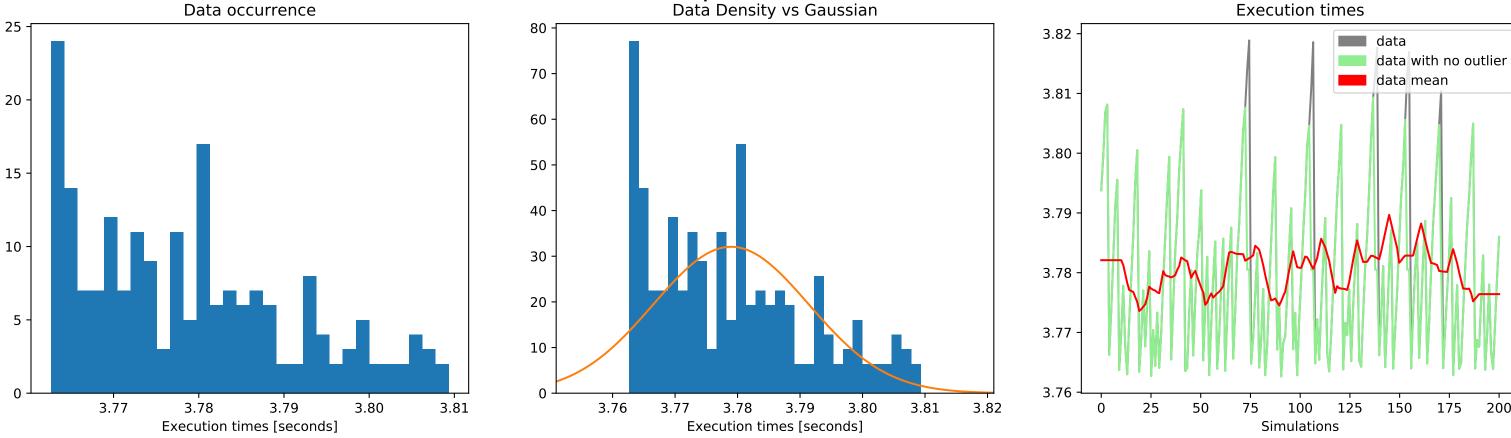




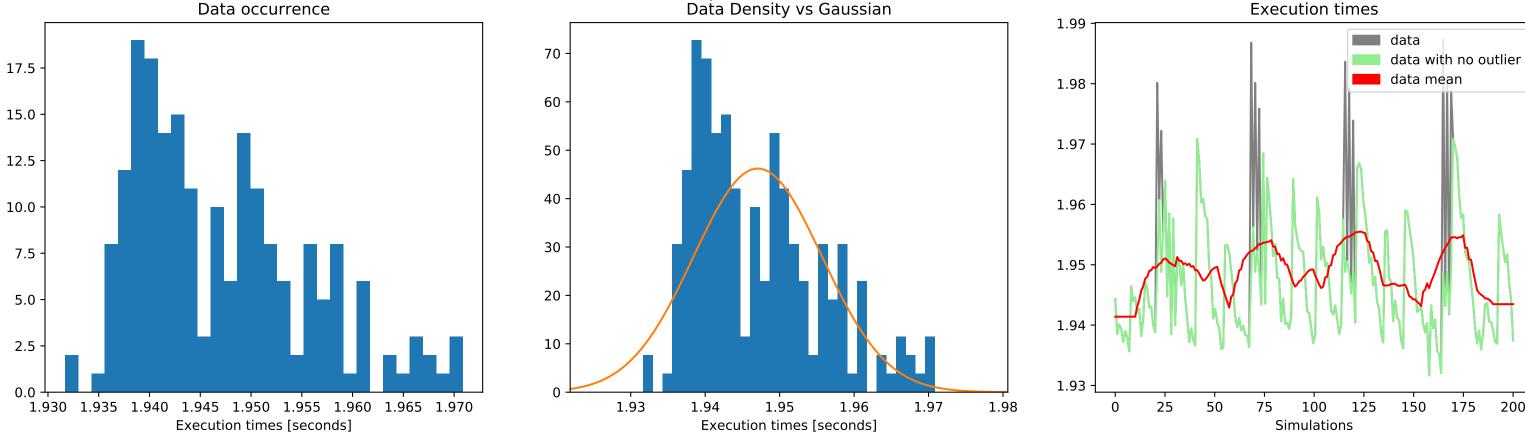


SYMM (IID with p-value 0.5118642812) Data Density vs Gaussian Data occurrence **Execution times** data 13.45 -20.0 data with no outlier data mean 13.40 -17.5 -15.0 -13.35 -12.5 -13.30 -10.0 -13.25 7.5 -13.20 5.0 13.15 -2.5 13.10 -0.0 — 13.10 13.15 13.20 13.25 13.30 13.35 13.20 13.25 13.30 13.35 125 150 175 13.05 13.10 13.15 13.40 25 100 Execution times [seconds] Execution times [seconds] Simulations

SYR2K (IID with p-value 0.7331819151) Data Density vs Gaussian



SYRK (IID with p-value 0.6289154146) Data Density vs Gaussian



TRISOLV (IID with p-value 0.7129017386)
Data Density vs Gaussian **Execution times** Data occurrence 120 data 16000 data with no outlier data mean 0.0158 -14000 -100 12000 -0.0156 80 10000 0.0154 60 8000 -6000 0.0152 40 4000 0.0150 20 2000 -0.0148 0.0148 0.0150 0.0152 0.0154 0.0156 0.0158 0.0146 0.0148 0.0150 0.0152 0.0154 0.0156 0.0158 0.0160 0.0162 25 100 175 Execution times [seconds] Execution times [seconds] Simulations

TRMM (IID with p-value 0.6109380655) Data Density vs Gaussian Data occurrence **Execution times** 1.055 data 120 data with no outlier data mean 1.050 -20 100 1.045 -15 -1.040 60 1.035 -10 -1.030 1.025 -1.020 -1.020 1.030 1.035 1.015 1.020 1.025 1.030 1.035 1.040 1.045 1.050 150 175 1.025 1.040 1.045 100 125 Execution times [seconds] Execution times [seconds] Simulations