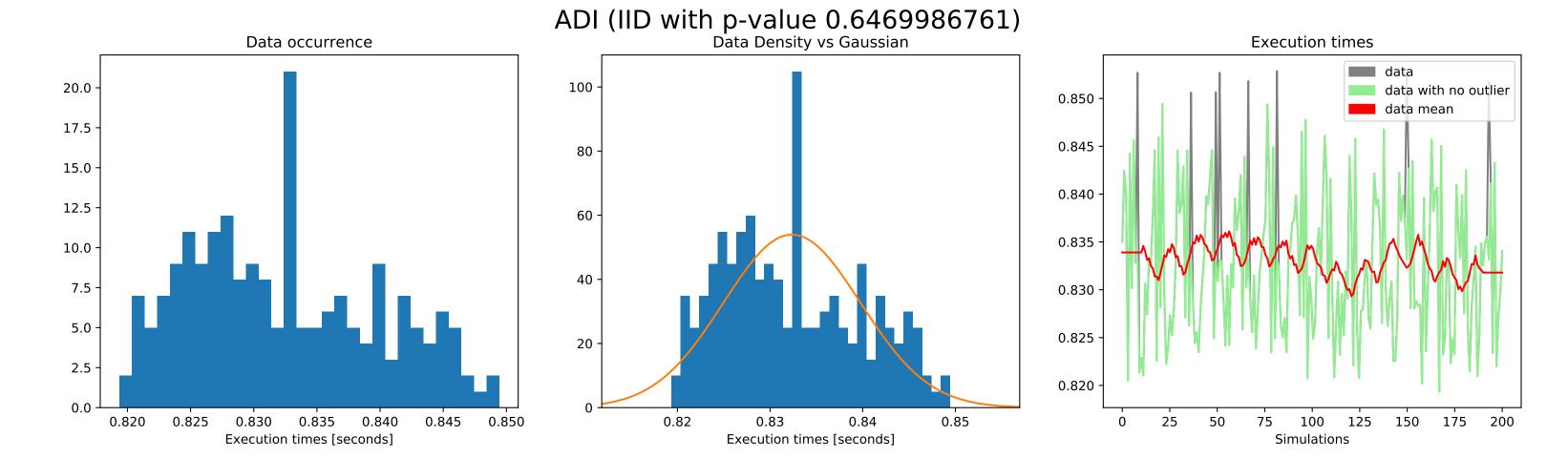
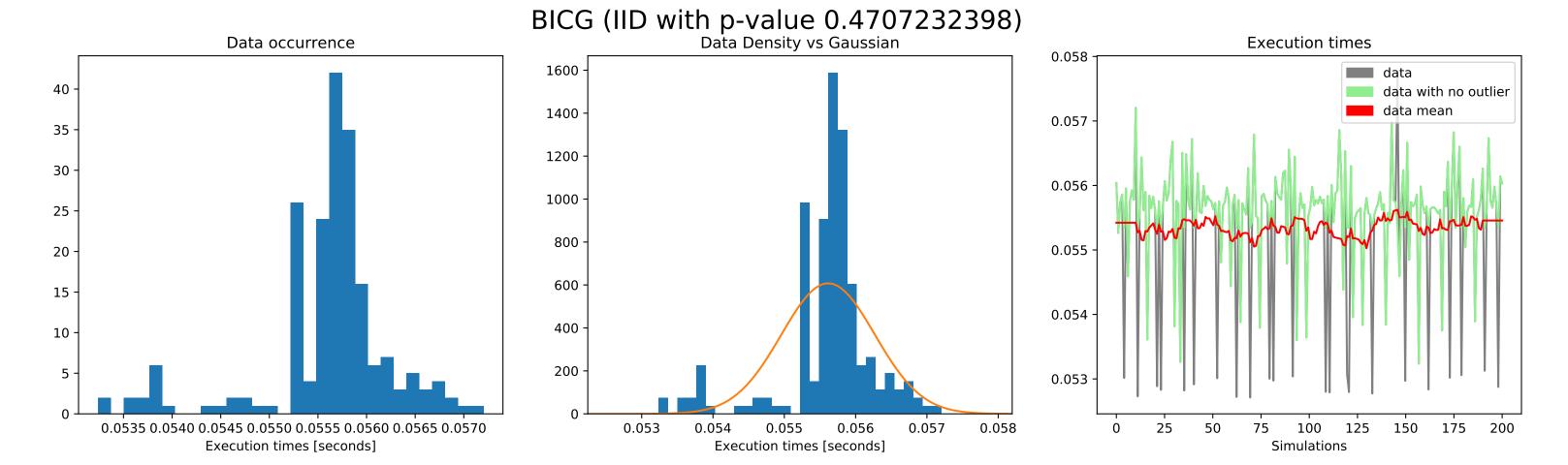
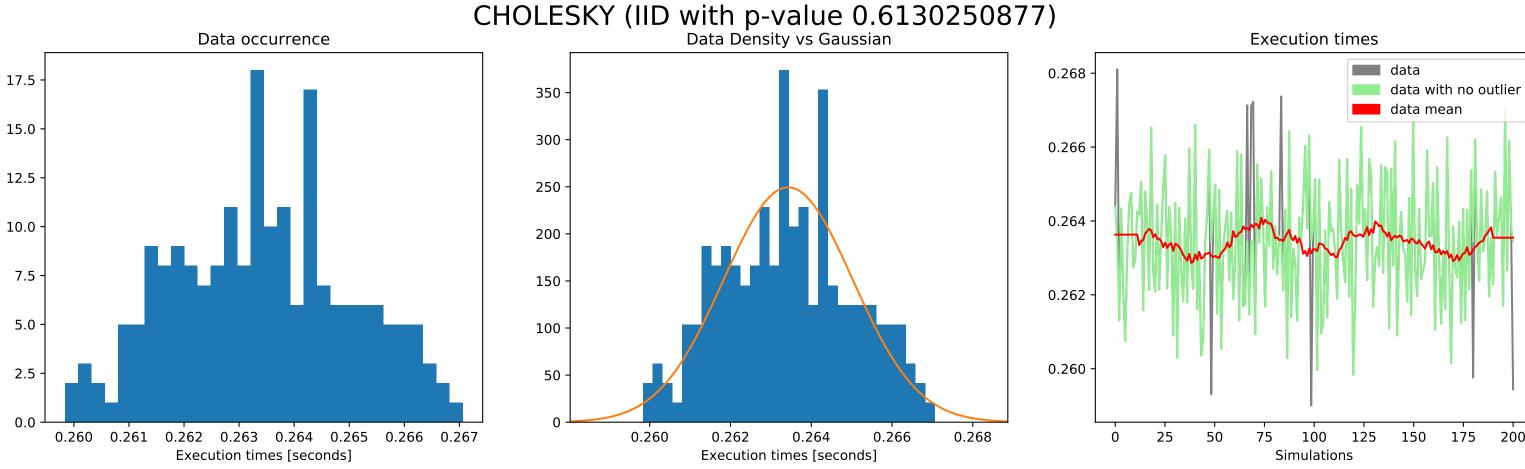
2MM (IID with p-value 0.3595877508) Data Density vs Gaussian **Execution times** Data occurrence data 17.5 · 20.95 data with no outlier data mean 15.0 -20.90 -20.85 12.5 20.80 -10.0 -20.75 -7.5 -20.70 5.0 20.65 -2.5 20.60 -0.0 20.65 20.70 20.80 20.85 20.90 20.95 20.6 20.8 20.9 21.0 125 150 175 20.75 100 Simulations Execution times [seconds] Execution times [seconds]

3MM (IID with p-value 0.2208041554) Data Density vs Gaussian Data occurrence **Execution times** data 16 2.00 data with no outlier 32.2 data mean 14 1.75 32.0 12 1.50 10 31.8 1.25 1.00 -31.6 -0.75 31.4 0.50 31.2 0.25 31.0 0.00 31.0 31.2 31.4 31.8 32.0 32.2 31.0 32.0 32.2 175 31.6 31.2 31.4 31.6 31.8 100 Simulations Execution times [seconds] Execution times [seconds]

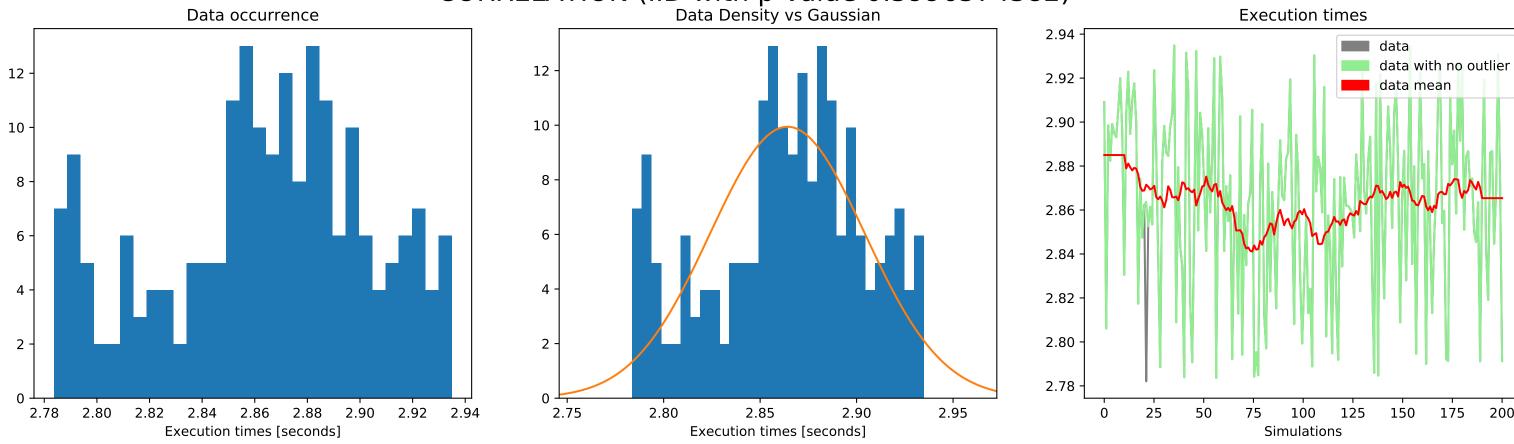


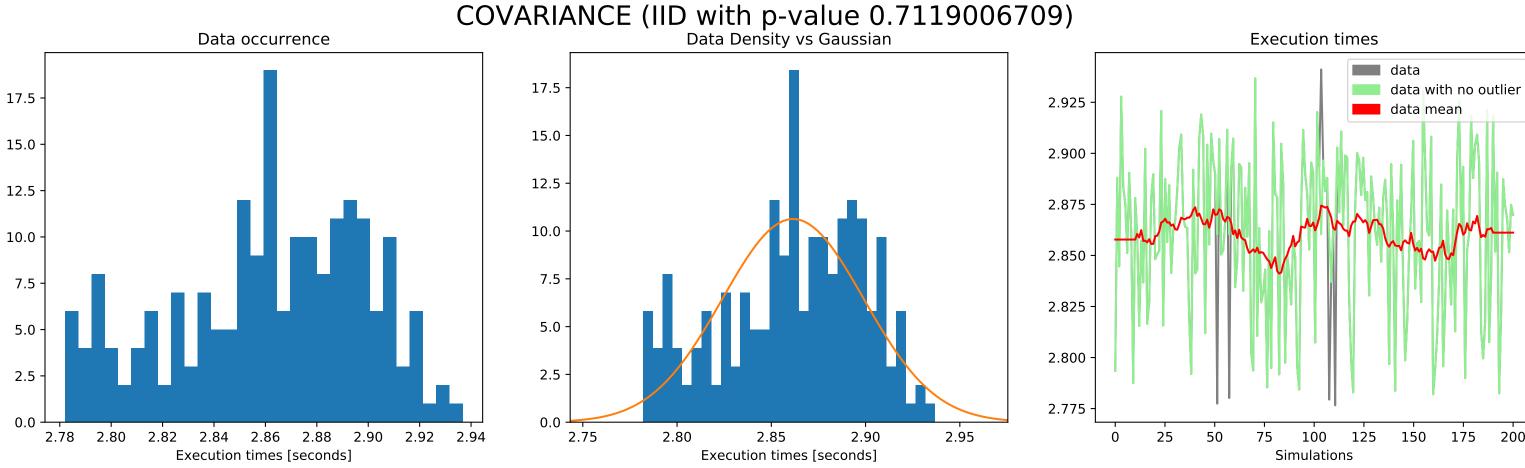
ATAX (IID with p-value 0.7157168734)
Data Density vs Gaussian Data occurrence **Execution times** 2000 data 0.036 data with no outlier 50 1750 data mean 1500 -0.035 40 1250 -0.034 30 -1000 -750 20 0.033 500 10 -0.032 250 -0.032 0.033 0.034 0.035 0.036 0.032 0.033 0.034 0.035 0.036 100 125 150 175 0.031 Execution times [seconds] Simulations Execution times [seconds]



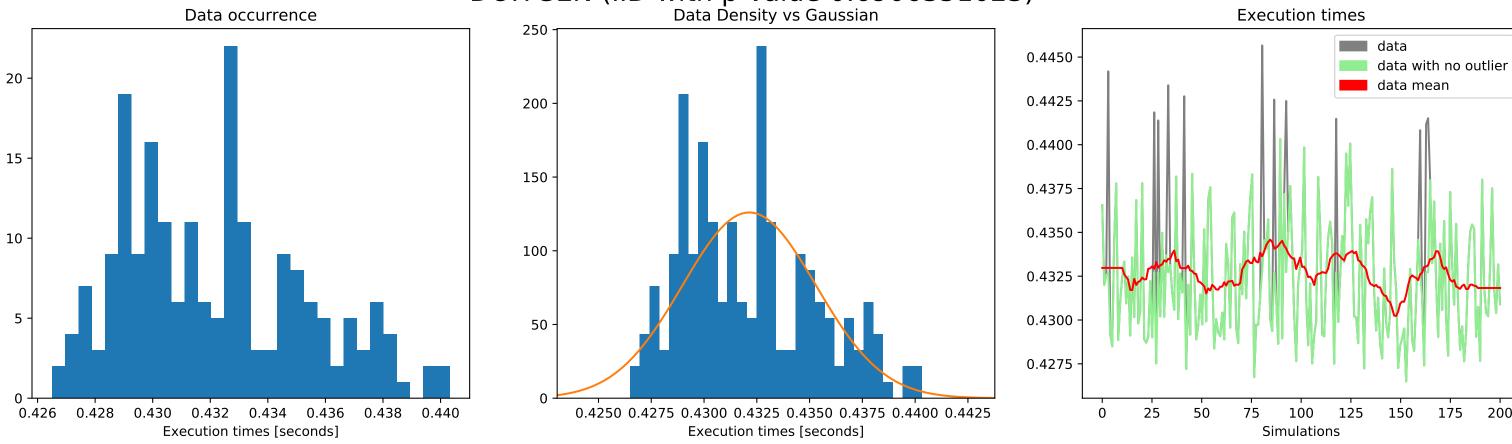


CORRELATION (IID with p-value 0.5996574382)

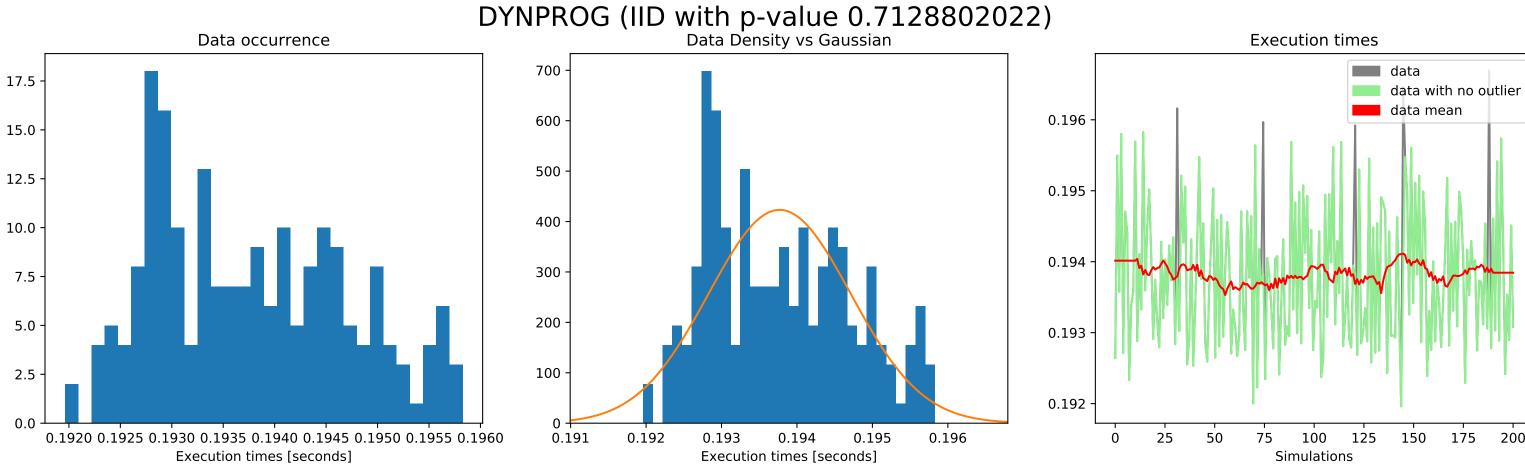




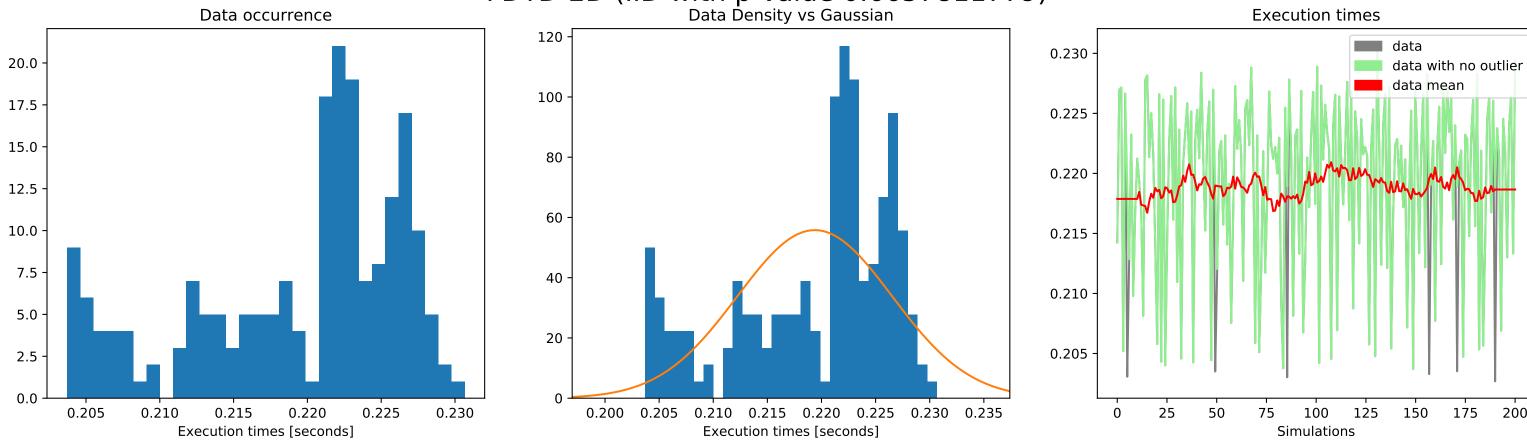
DOITGEN (IID with p-value 0.6906351023) Data Density vs Gaussian

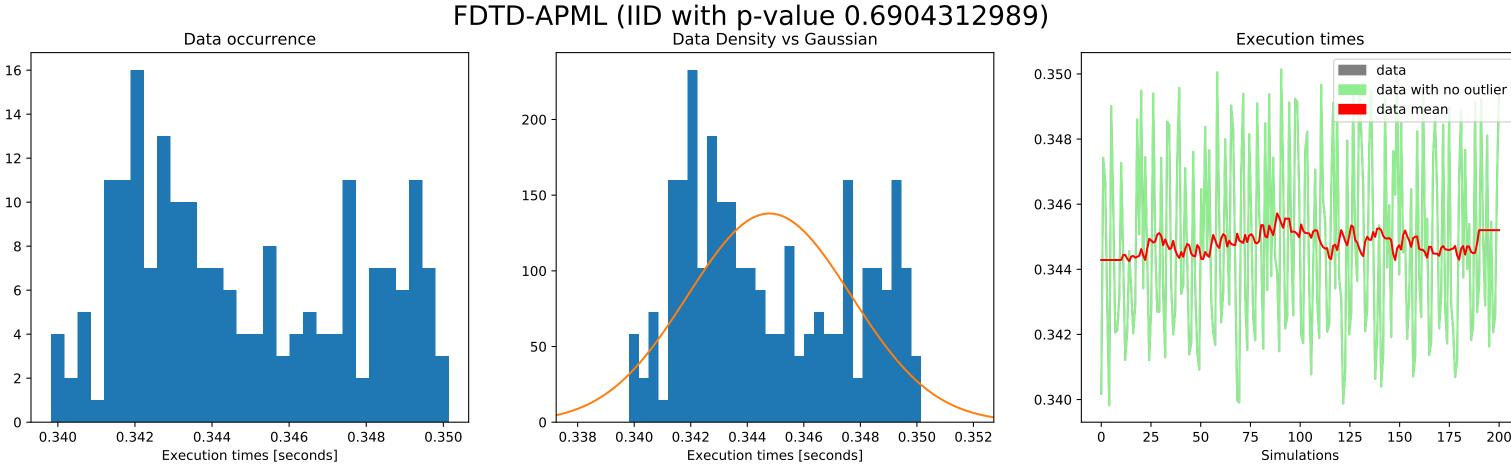


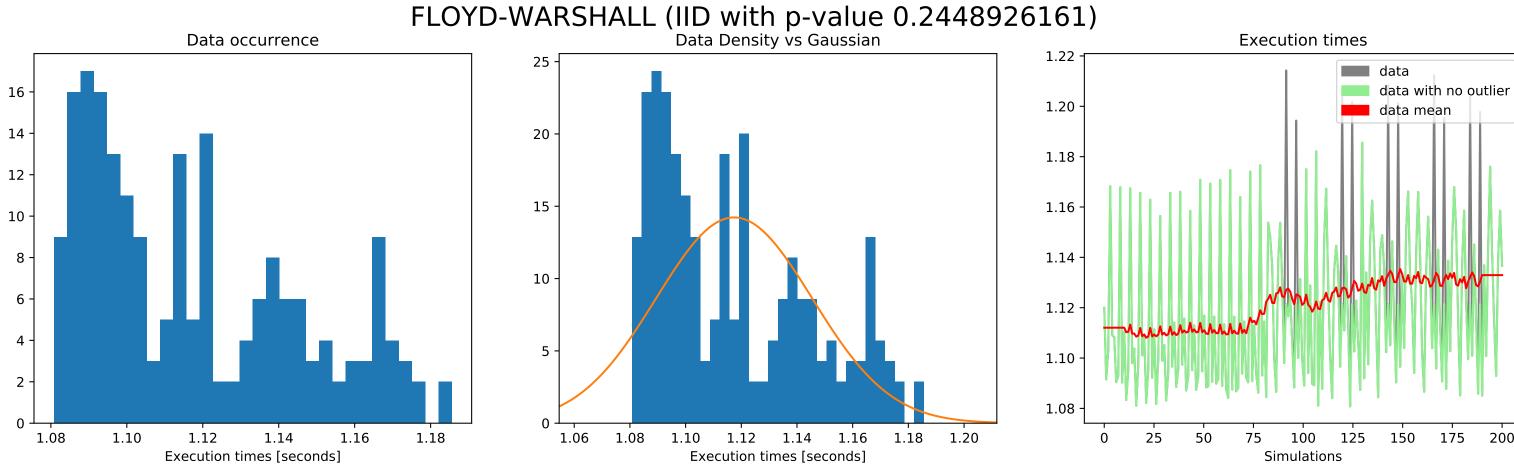
DURBIN (IID with p-value 0.6603445663) Data Density vs Gaussian Data occurrence **Execution times** data 17.5 · data with no outlier 0.202 data mean 400 15.0 -0.201 12.5 0.200 300 10.0 -0.199 -200 0.198 -7.5 -0.197 -5.0 100 -0.196 -2.5 0.195 -0.0 $^{\perp}$ 0.196 0.198 0.199 0.201 0.194 0.195 0.196 0.197 0.198 0.199 0.200 0.201 0.202 150 175 0.195 0.197 0.200 100 125 Execution times [seconds] Execution times [seconds] Simulations

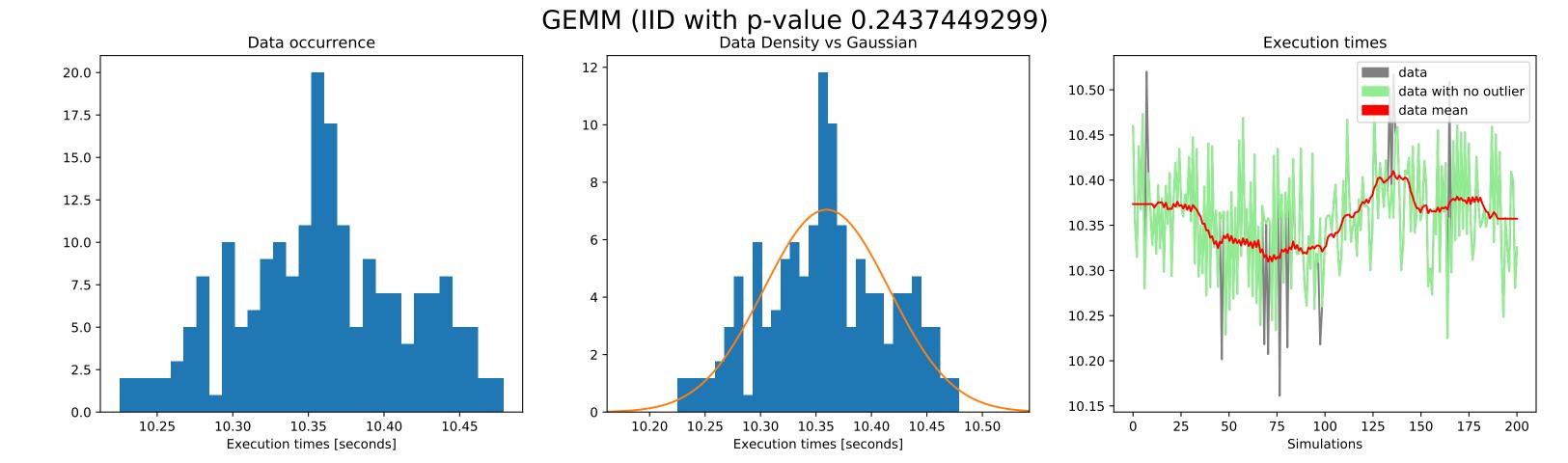


FDTD-2D (IID with p-value 0.6657811779) Data Density vs Gaussian









GEMVER (IID with p-value 0.4110194214) Data Density vs Gaussian **Execution times** Data occurrence 350 0.169 -14 data data with no outlier 0.168 data mean 300 12 0.167 250 10 0.166 -200 -0.165 -150 -0.164 -0.163 100 -0.162 -0.161 -0.162 0.166 0.167 0.168 0.162 0.164 0.166 0.168 175 0.163 0.164 0.165 100

Execution times [seconds]

Simulations

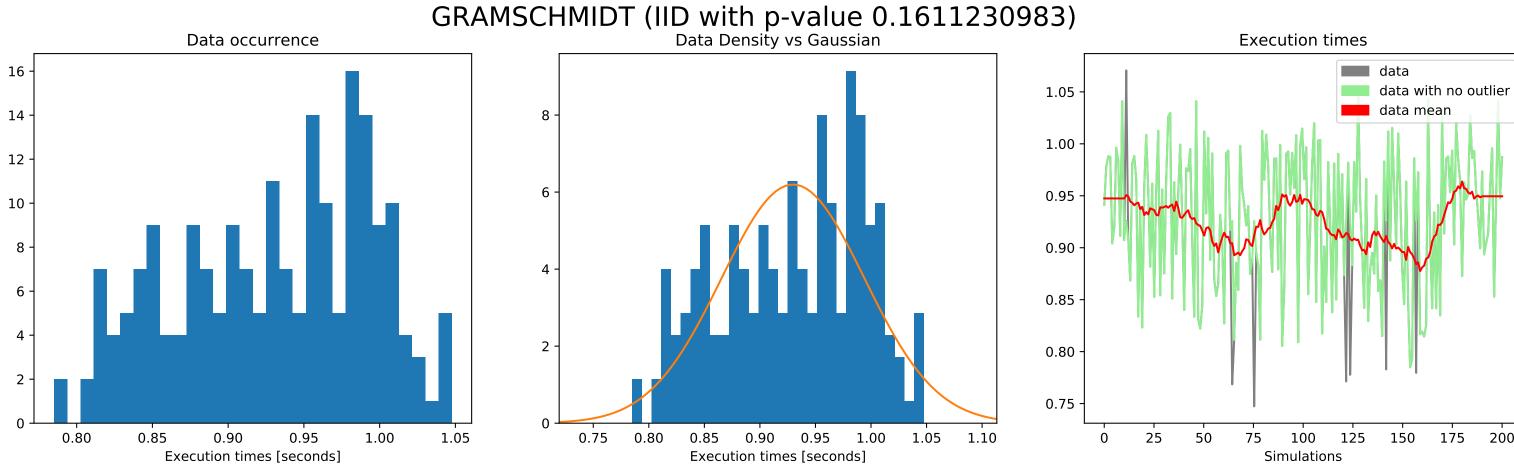
Execution times [seconds]

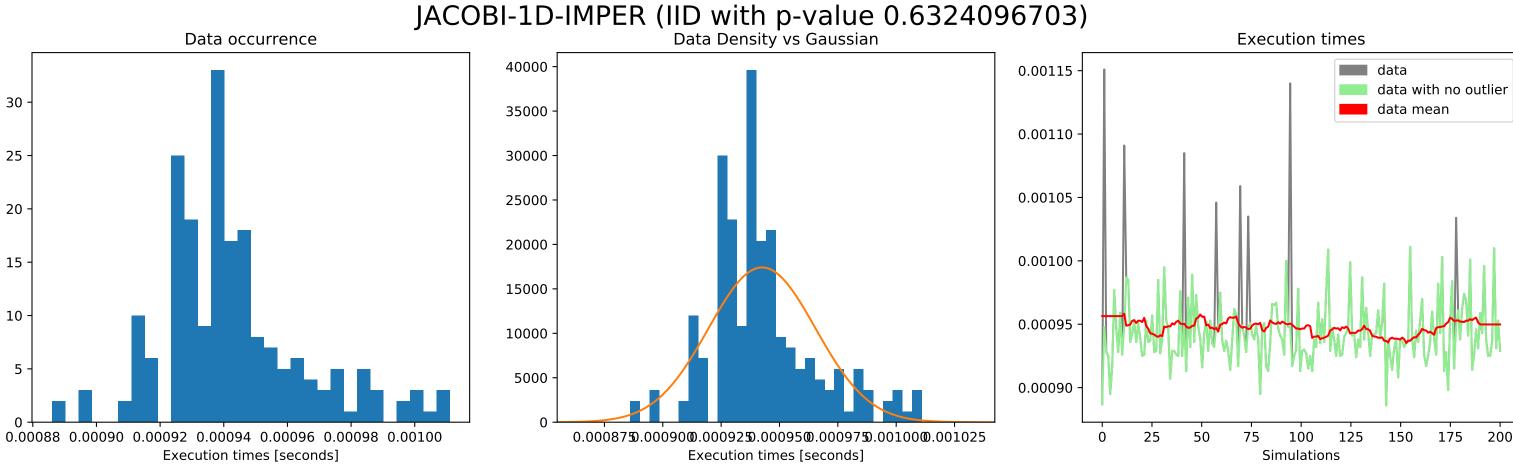
GESUMMV (IID with p-value 0.7431898709)
Data Density vs Gaussian Data occurrence **Execution times** data 0.058 -1200 data with no outlier 40 data mean 0.057 1000 -30 0.056 800 600 0.055 -20 400 0.054 -10 200 -0.053 -0.057 175 0.053 0.054 0.055 0.056 0.052 0.053 0.054 0.055 0.056 0.057 100

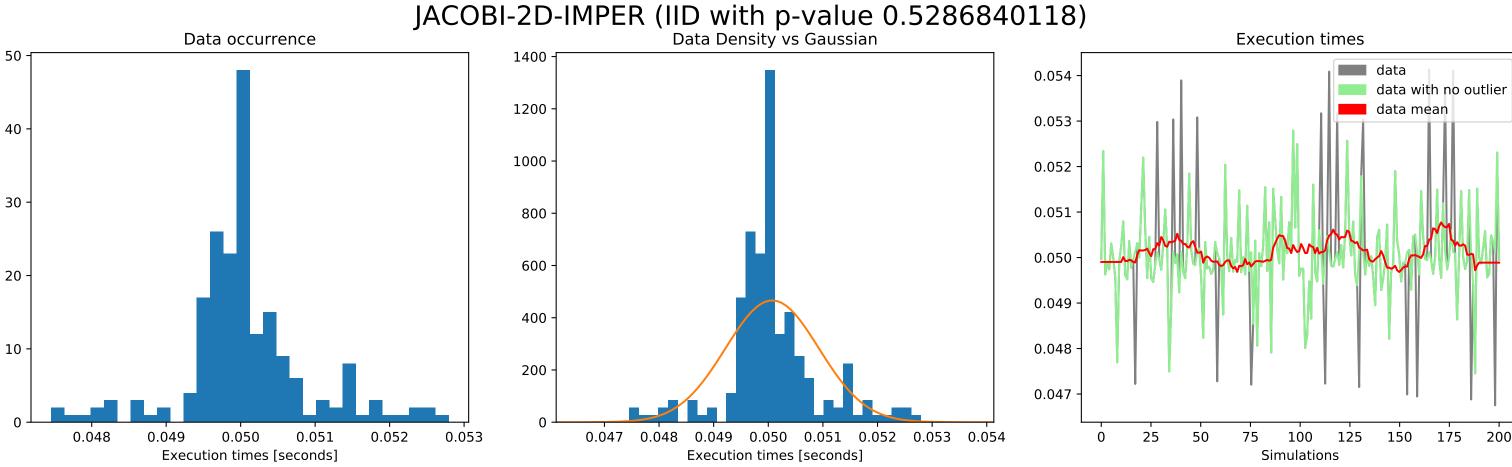
Execution times [seconds]

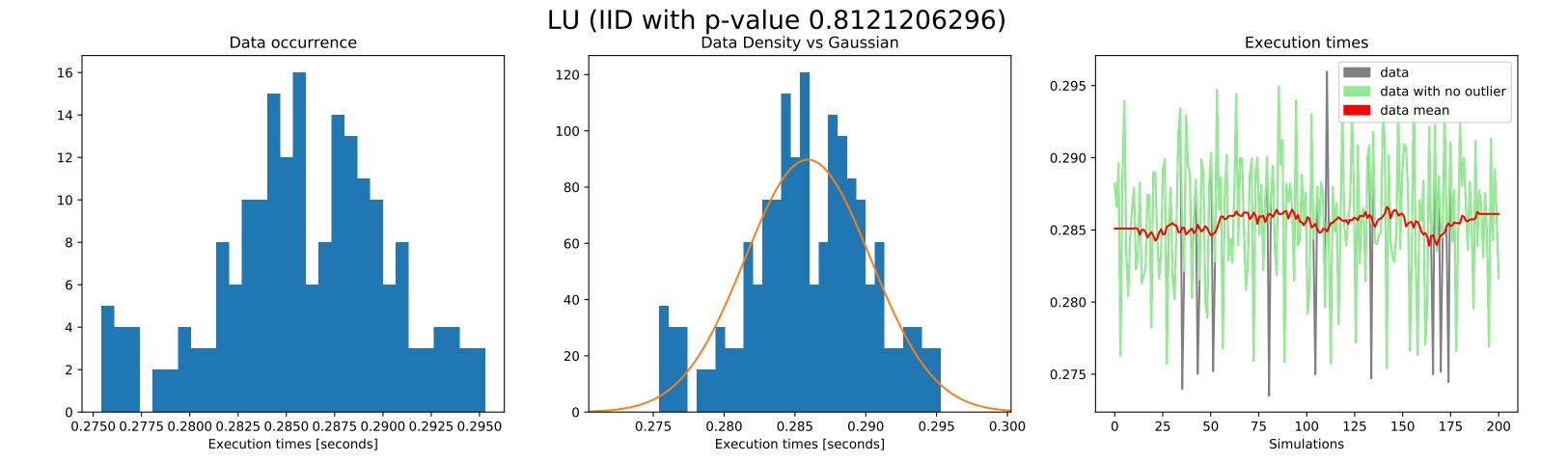
Simulations

Execution times [seconds]

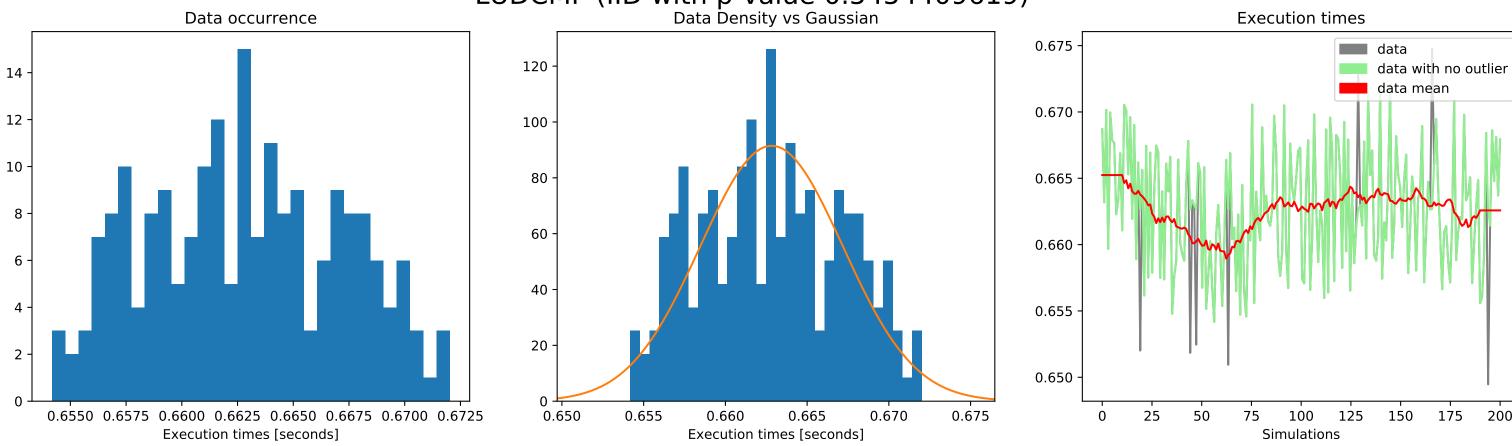


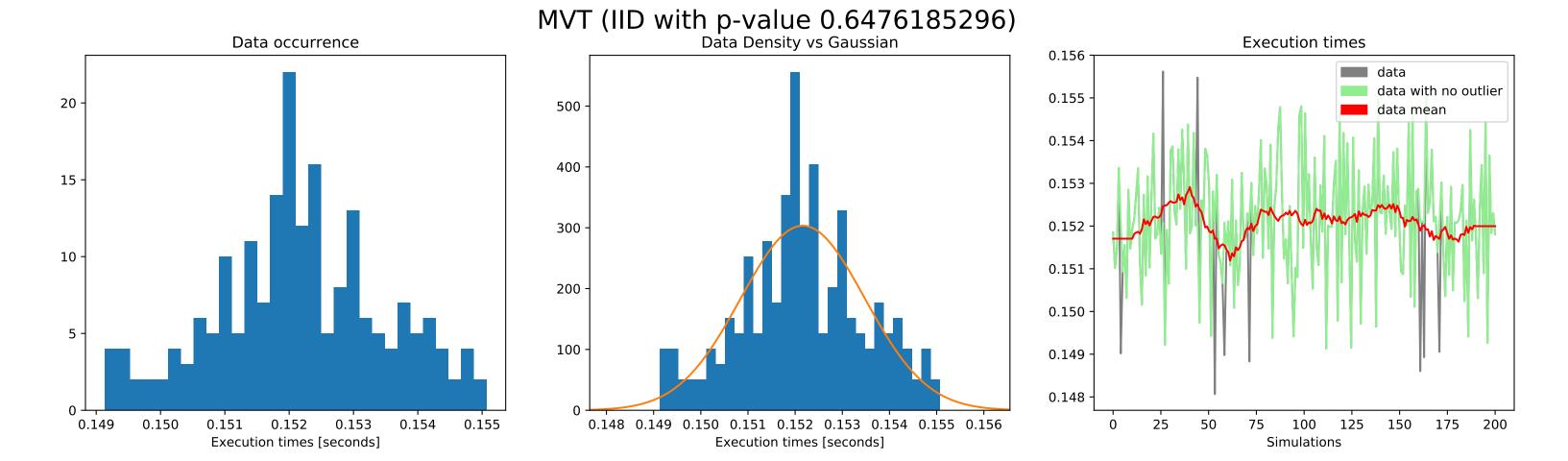


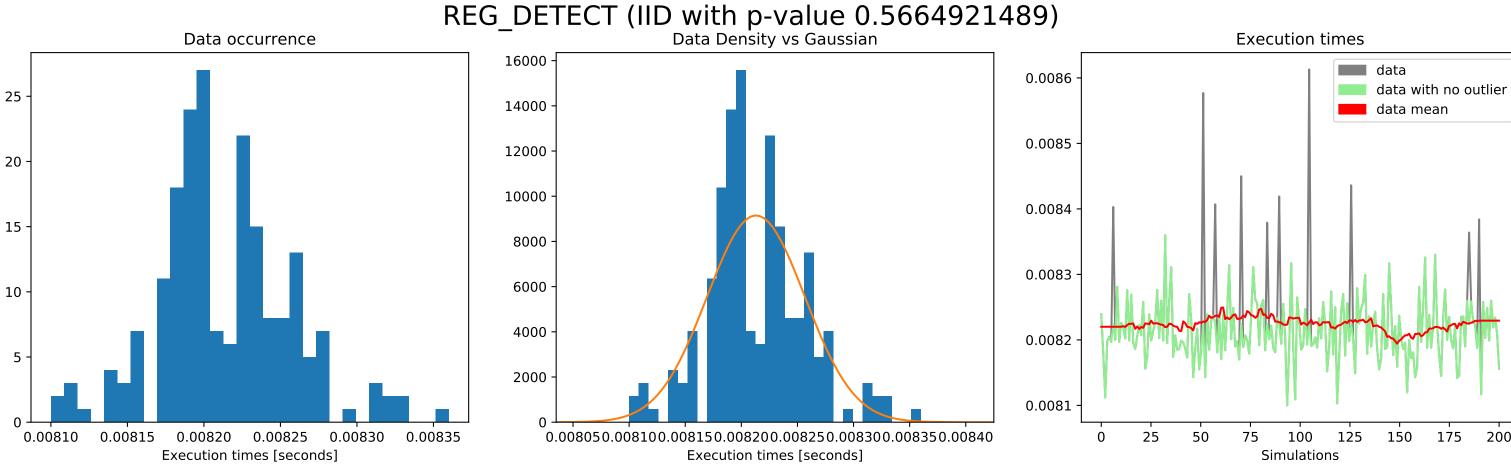


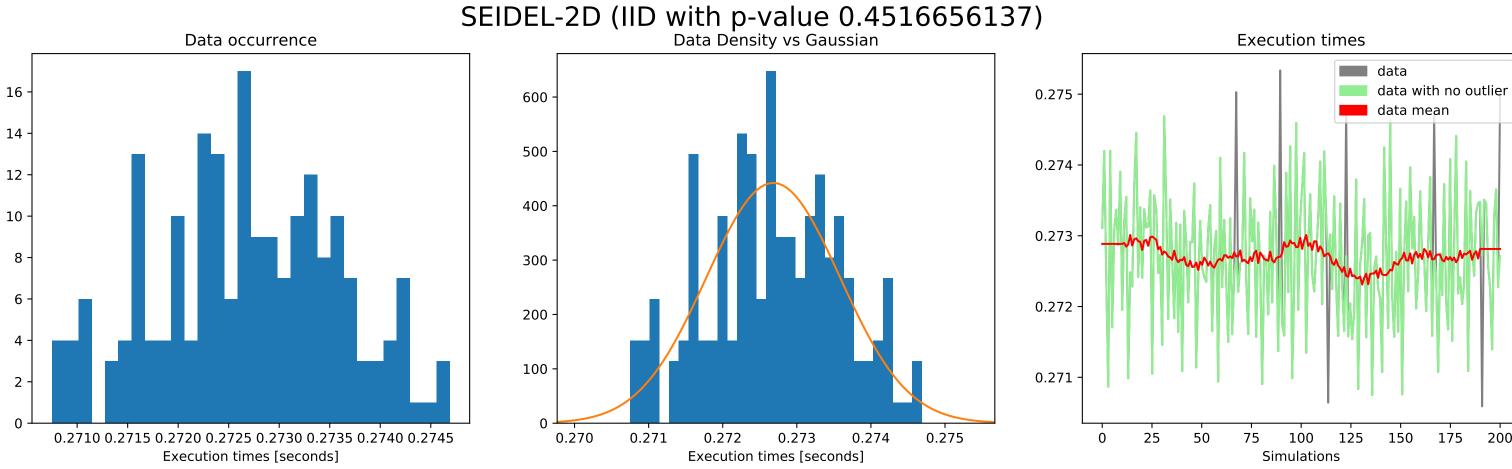


LUDCMP (IID with p-value 0.5454409619) Data Density vs Gaussian









SYMM (IID with p-value 0.6368903135) Data Density vs Gaussian **Execution times** Data occurrence 16 data 13.35 data with no outlier data mean 14 13.30 -12 13.25 -10 13.20 -13.15 13.10 -13.05 -13.10 13.15 13.20 13.25 13.30 13.20 13.25 13.30 100 125 150 175 13.05 13.10 13.15 13.35 Simulations Execution times [seconds] Execution times [seconds]

SYR2K (IID with p-value 0.6858974721) Data Density vs Gaussian **Execution times** Data occurrence data 20.0 data with no outlier 3.17 data mean 17.5 · 3.16 15.0 -12.5 3.15 10.0 -3.14 -7.5 -3.13 -5.0 3.12 2.5 0.0 -3.13 3.14 3.15 3.16 3.13 3.14 3.15 3.16 3.17 125 150 175 3.12 3.12 25 100 Simulations Execution times [seconds] Execution times [seconds]

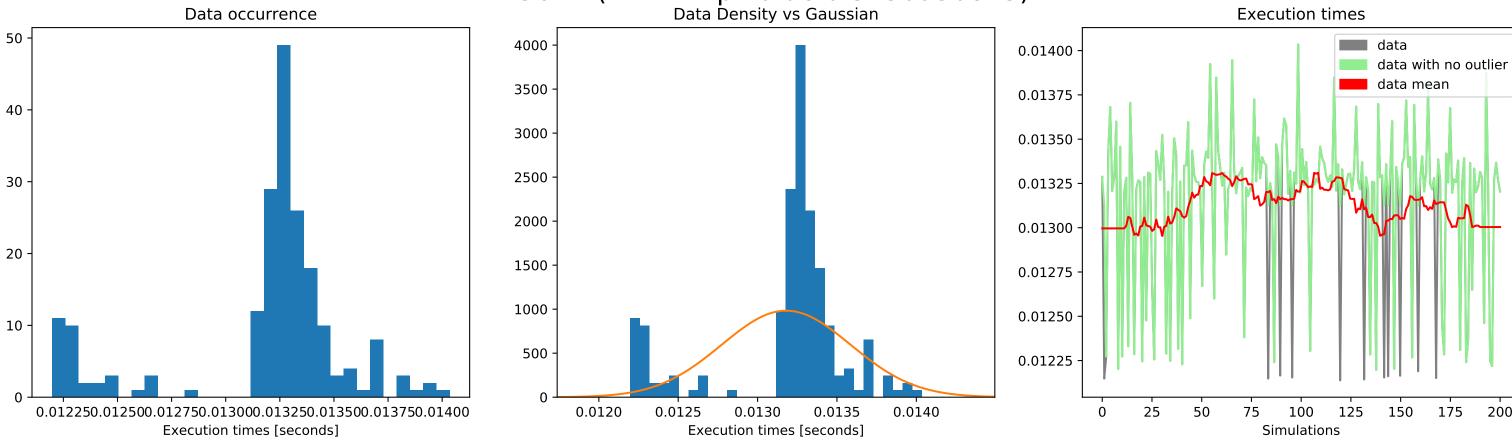
SYRK (IID with p-value 0.4523932917) Data Density vs Gaussian Data occurrence **Execution times** 1.68 20.0 data data with no outlier data mean 17.5 · 1.66 15.0 12.5 1.64 10.0 1.62 7.5 -5.0 -1.60 2.5 0.0 1.60 1.63 1.64 1.60 1.62 1.66 25 125 150 175 1.59 1.61 1.62 1.65 1.66 1.58 100

Execution times [seconds]

Execution times [seconds]

Simulations

TRISOLV (IID with p-value 0.3250950815) Data Density vs Gaussian



TRMM (IID with p-value 0.4320670893) Data Density vs Gaussian Data occurrence **Execution times** data data with no outlier 25 data mean 0.90 20 0.89 15 · 60 -0.88 10 -0.87 0.86 -0.85 0.87 0.88 0.89 0.90 175 0.860 0.865 0.870 0.875 0.880 0.885 0.890 100 125 Simulations Execution times [seconds] Execution times [seconds]