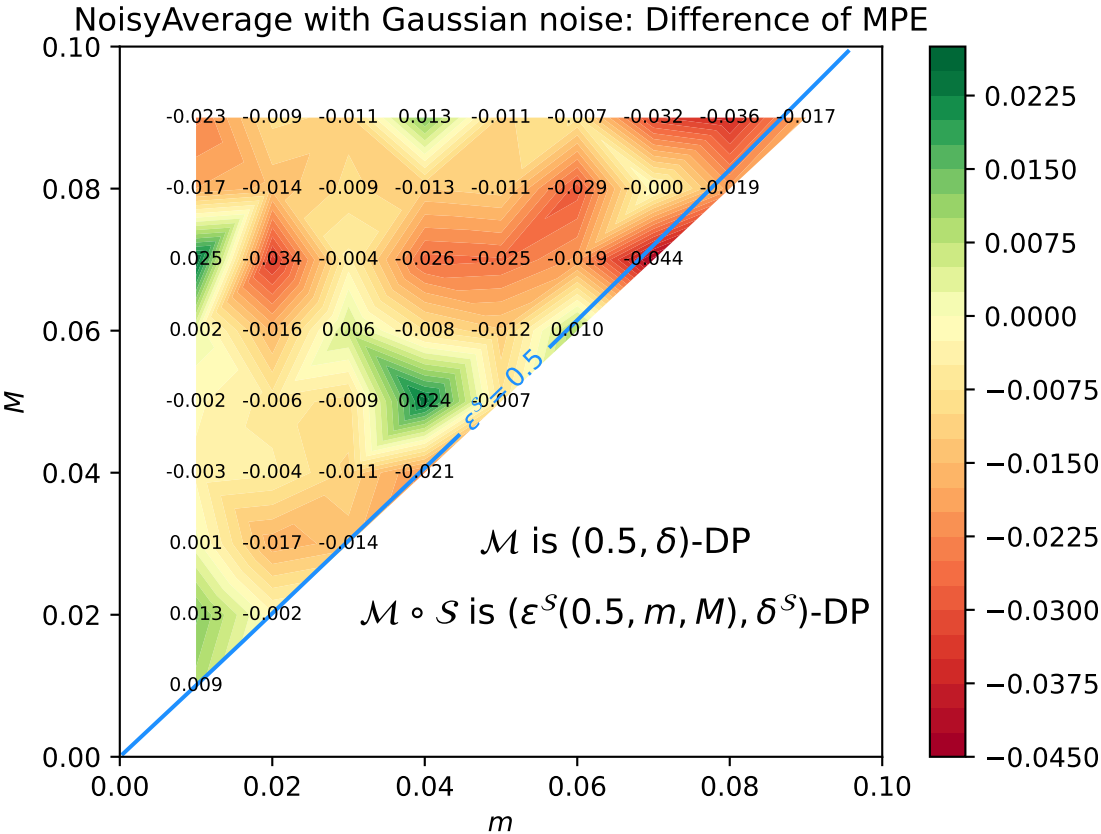
NoisyAverage with Gaussian noise: Difference of MPE
0.10
0.08
0.06
0.04
0.02
0.00
M
0.00
0.02
0.04
0.06
0.08
0.10
m
-0.023 -0.009 -0.011 0.013 -0.011 -0.007 -0.032 -0.036 -0.017
-0.017 -0.014 -0.009 -0.013 -0.011 -0.029 -0.000 -0.019
0.025 -0.034 -0.004 -0.026 -0.025 -0.019 -0.044
0.002 -0.016 0.006 -0.008 -0.012 0.010
-0.002 -0.006 -0.009 0.024 -0.007
-0.003 -0.004 -0.011 -0.021
0.001 -0.017 -0.014
0.013 -0.002
0.009
$\varepsilon^{\mathcal{S}}=0.5$
$\mathcal{M}$ is $(0.5, \delta)$-DP
$\mathcal{M} \circ \mathcal{S}$ is $(\varepsilon^{\mathcal{S}}(0.5, m, M), \delta^{\mathcal{S}})$-DP
0.0225
0.0150
0.0075
0.0000
−0.0075
−0.0150
−0.0225
−0.0300
−0.0375
−0.0450