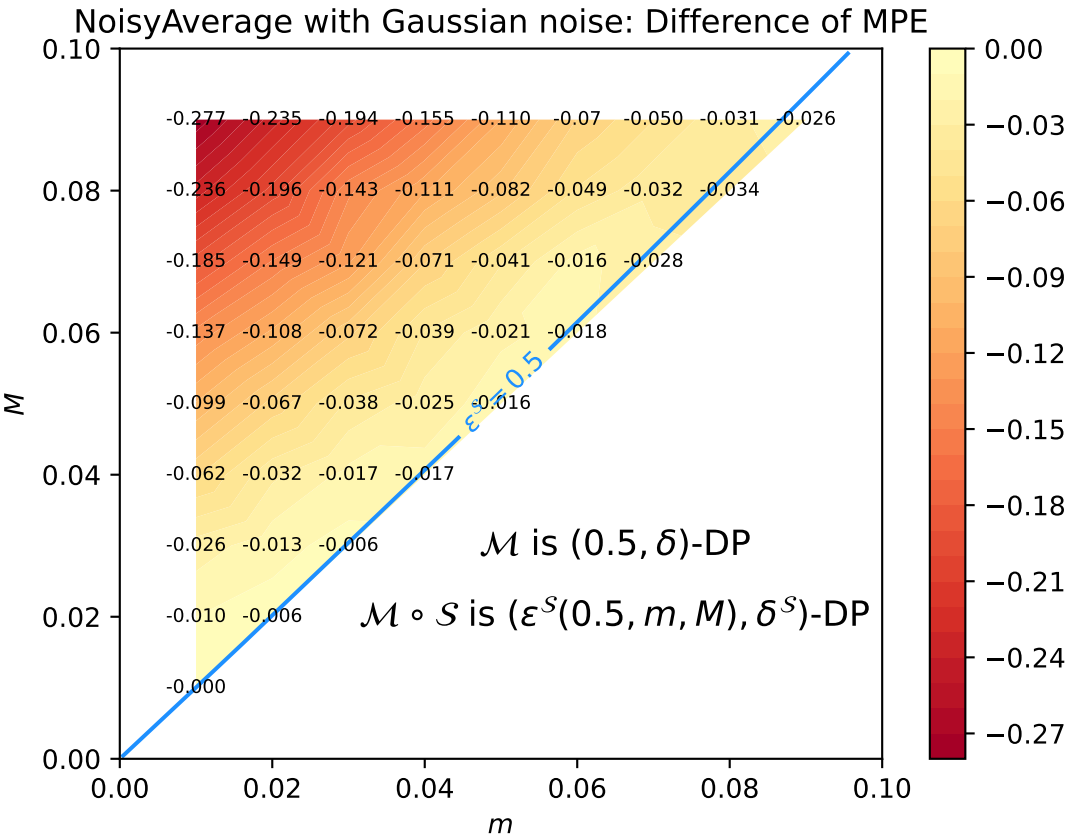
NoisyAverage with Gaussian noise: Difference of MPE
0.10
0.08
0.06
0.04
0.02
0.00
M
0.00
0.02
0.04
0.06
0.08
0.10
m
-0.277 -0.235 -0.194 -0.155 -0.110 -0.07 -0.050 -0.031 -0.026
-0.236 -0.196 -0.143 -0.111 -0.082 -0.049 -0.032 -0.034
-0.185 -0.149 -0.121 -0.071 -0.041 -0.016 -0.028
-0.137 -0.108 -0.072 -0.039 -0.021 -0.018
-0.099 -0.067 -0.038 -0.025 -0.016
-0.062 -0.032 -0.017 -0.017
-0.026 -0.013 -0.006
-0.010 -0.006
-0.000
$\varepsilon^{\mathcal{S}}=0.5$
$\mathcal{M}$ is $(0.5, \delta)$-DP
$\mathcal{M} \circ \mathcal{S}$ is $(\varepsilon^{\mathcal{S}}(0.5, m, M), \delta^{\mathcal{S}})$-DP
0.00
−0.03
−0.06
−0.09
−0.12
−0.15
−0.18
−0.21
−0.24
−0.27