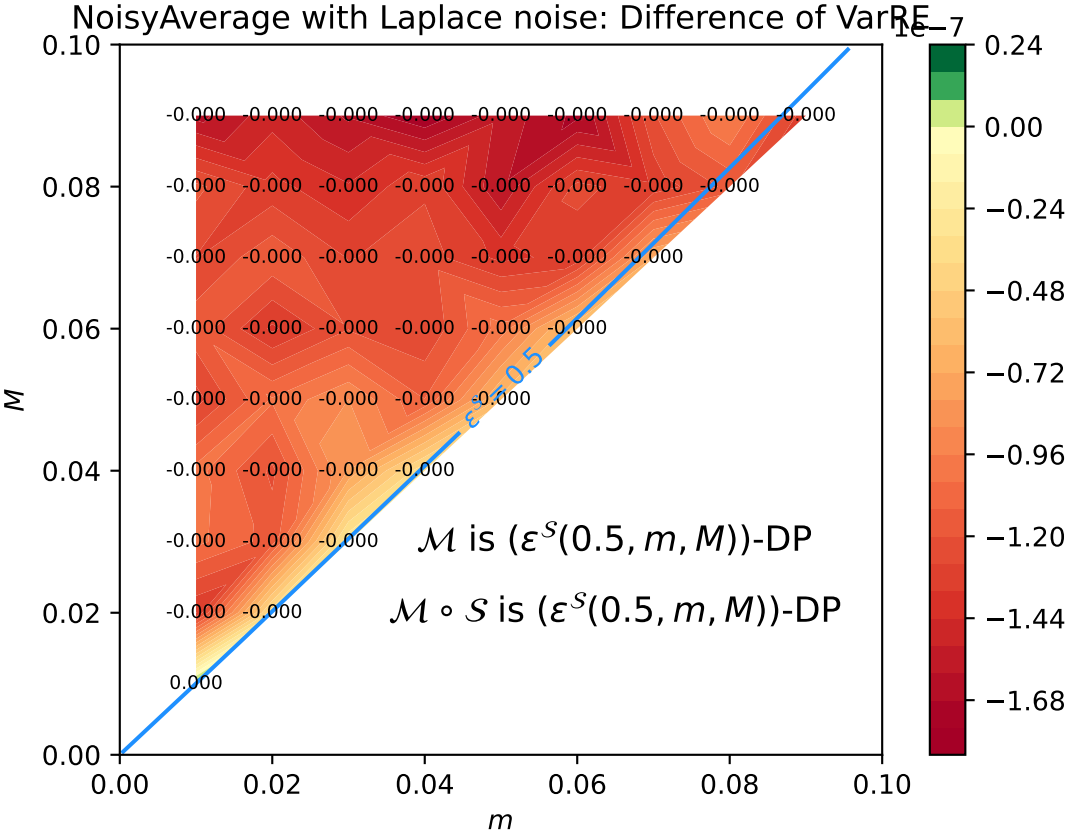
NoisyAverage with Laplace noise: Difference of VarRE
1e−7
0.24
0.00
−0.24
−0.48
−0.72
−0.96
−1.20
−1.44
−1.68
0.10
0.08
0.06
0.04
0.02
0.00
M
m
0.00
0.02
0.04
0.06
0.08
0.10
-0.000
0.000
$\varepsilon^{\mathcal{S}}=0.5$
$\mathcal{M}$ is $(\varepsilon^{\mathcal{S}}(0.5, m, M))$-DP
$\mathcal{M} \circ \mathcal{S}$ is $(\varepsilon^{\mathcal{S}}(0.5, m, M))$-DP