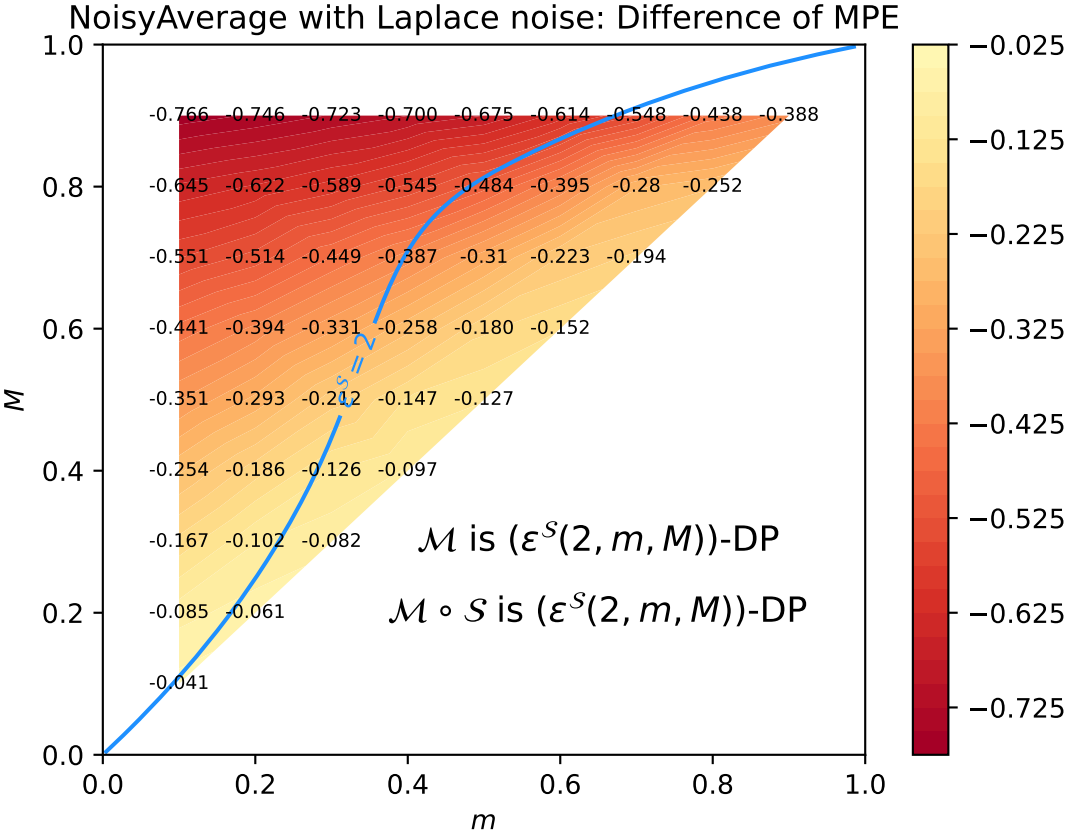
NoisyAverage with Laplace noise: Difference of MPE
-0.766 -0.746 -0.723 -0.700 -0.675 -0.614 -0.548 -0.438 -0.388
-0.645 -0.622 -0.589 -0.545 -0.484 -0.395 -0.28 -0.252
-0.551 -0.514 -0.449 -0.387 -0.31 -0.223 -0.194
-0.441 -0.394 -0.331 -0.258 -0.180 -0.152
-0.351 -0.293 -0.212 -0.147 -0.127
-0.254 -0.186 -0.126 -0.097
-0.167 -0.102 -0.082
-0.085 -0.061
-0.041
$\varepsilon^{\mathcal{S}} = 2$
$\mathcal{M}$ is $(\varepsilon^{\mathcal{S}}(2, m, M))$-DP
$\mathcal{M} \circ \mathcal{S}$ is $(\varepsilon^{\mathcal{S}}(2, m, M))$-DP
M
m
0.0
0.2
0.4
0.6
0.8
1.0
−0.025
−0.125
−0.225
−0.325
−0.425
−0.525
−0.625
−0.725