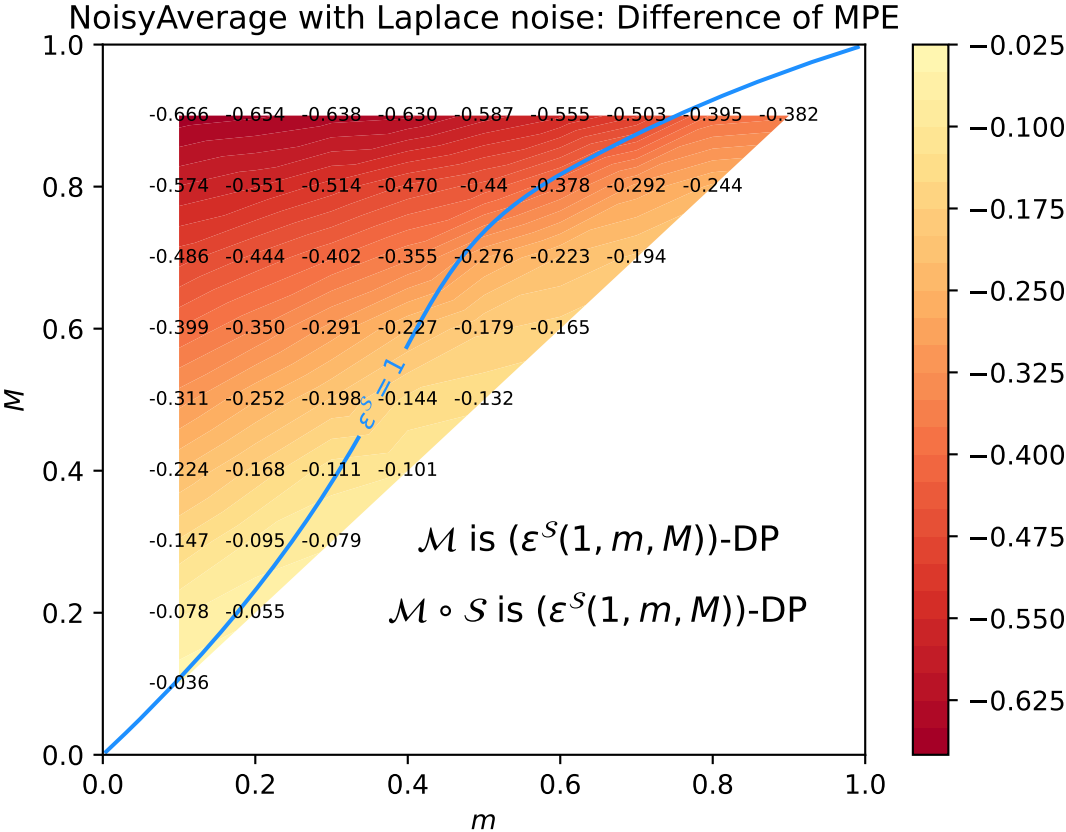
NoisyAverage with Laplace noise: Difference of MPE
-0.666 -0.654 -0.638 -0.630 -0.587 -0.555 -0.503 -0.395 -0.382
-0.574 -0.551 -0.514 -0.470 -0.44 -0.378 -0.292 -0.244
-0.486 -0.444 -0.402 -0.355 -0.276 -0.223 -0.194
-0.399 -0.350 -0.291 -0.227 -0.179 -0.165
-0.311 -0.252 -0.198 -0.144 -0.132
-0.224 -0.168 -0.111 -0.101
-0.147 -0.095 -0.079
-0.078 -0.055
-0.036
$\varepsilon^{\mathcal{S}} = 1$
$\mathcal{M}$ is $(\varepsilon^{\mathcal{S}}(1, m, M))$-DP
$\mathcal{M} \circ \mathcal{S}$ is $(\varepsilon^{\mathcal{S}}(1, m, M))$-DP
M
m
0.0
0.2
0.4
0.6
0.8
1.0
−0.025
−0.100
−0.175
−0.250
−0.325
−0.400
−0.475
−0.550
−0.625