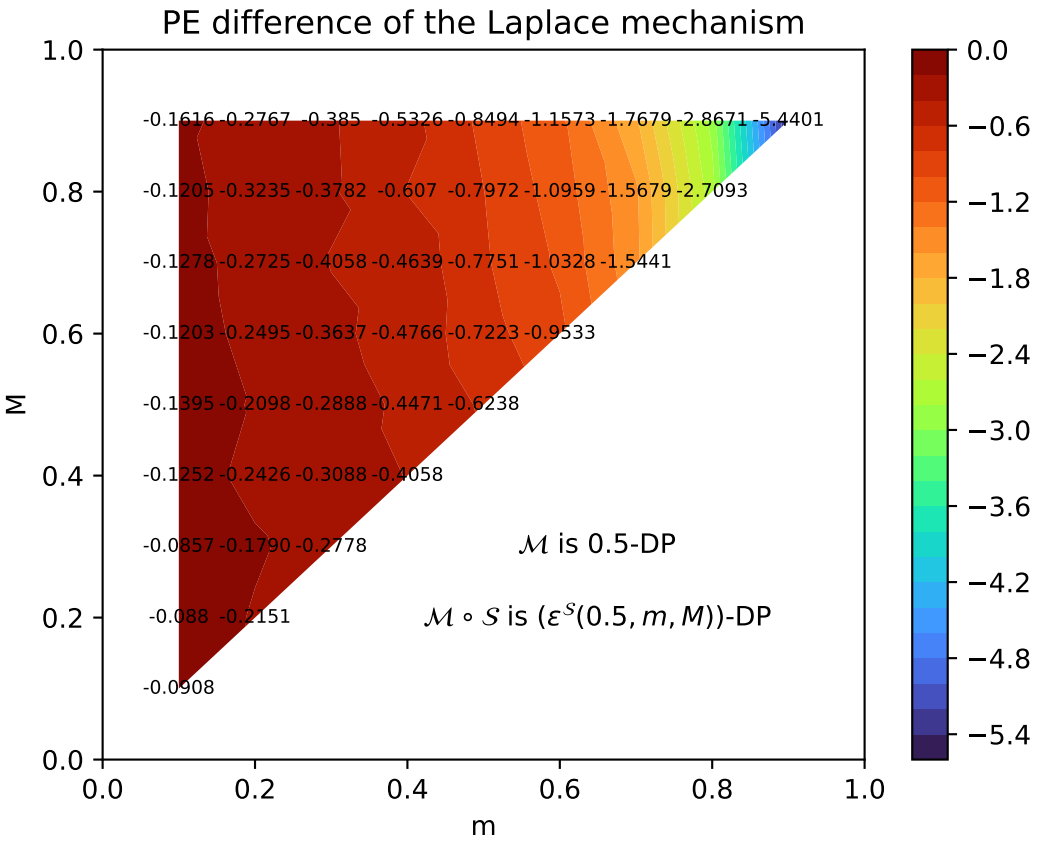
PE difference of the Laplace mechanism
M
m
0.0
0.2
0.4
0.6
0.8
1.0
-0.1616 -0.2767 -0.385 -0.5326 -0.8494 -1.1573 -1.7679 -2.8671 -5.4401
-0.1205 -0.3235 -0.3782 -0.607 -0.7972 -1.0959 -1.5679 -2.7093
-0.1278 -0.2725 -0.4058 -0.4639 -0.7751 -1.0328 -1.5441
-0.1203 -0.2495 -0.3637 -0.4766 -0.7223 -0.9533
-0.1395 -0.2098 -0.2888 -0.4471 -0.6238
-0.1252 -0.2426 -0.3088 -0.4058
-0.0857 -0.1790 -0.2778
-0.088 -0.2151
-0.0908
$\mathcal{M}$ is 0.5-DP
$\mathcal{M} \circ \mathcal{S}$ is $(\varepsilon^{\mathcal{S}}(0.5, m, M))$-DP
0.0
−0.6
−1.2
−1.8
−2.4
−3.0
−3.6
−4.2
−4.8
−5.4