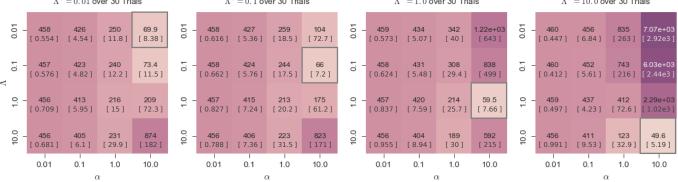
$E[-\log \mathcal{L}(\alpha, \Lambda; \zeta, s_0)]$ for Branin function $\Lambda^* = 0.1$ over 30 Trials $\Lambda^* = 1.0$ over 30 Trials $\Lambda^* = 0.01$ over 30 Trials $\Lambda^* = 10.0$ over 30 Trials 0.0 442 328 95.4 0.01 449 461 455 440 141e+03 [3.46] [17.6] [0.199] [2.4] [18.2] [18.2] [29.4] [25.4] [39.8] 456 438 305 152 445 321 70.5 450 0 [0.0923] [0.862] [19.8] [228] [623] f 18.2 1 f 18.5 1 [29.9] f 58.11 [2.48] [4.22] f 0.3391 455 430 254 401 458 434 242 194 459 439 267 74 461 452 [33.7] [0.287] [2.81] [20.9] [234] [6.62] [87.7] [0.654] [6.44] [18.2] [19] [34.5] [181] [2.54] [45.8] [29.8] 10.0 434 264 430 204 210 443 [46.1] [0.551] [5.49] [2.7] [8.39] [244] [46.2] [76.4] [18.2] [18.6] [36.9] [0.873] [8.63] [47] [134] 0.1 1.0 0.01 0.1 1.0 10.0 0.01 0.1 10.0 0.01 0.1 1.0 10.0 10.0 0.01 1.0 α α α $E[-\log \mathcal{L}(\alpha, \Lambda; \zeta, s_0)]$ for Six-hump Camelback function $\Lambda^* = 0.1$ over 30 Trials $\Lambda^* = 1.0$ over 30 Trials $\Lambda^* = 0.01$ over 30 Trials $\Lambda^* = 10.0$ over 30 Trials 69.9 342 [0.554] [4.54] [11.8] [8.38] [0.616] [5.36] [18.5] [72.7] [0.573] [5.07] [40] [0.447] [6.84] [263]



 $\mathrm{E}[-\log\mathcal{L}(\alpha,\Lambda;\zeta,s_0)]$ for 6D Rosenbrock function



10³

10⁴

10⁵

10¹

10²