

heart

$$f(x_k) - f(x^*)$$

$10^1$

$10^0$

-0.04

-0.02

0.00

0.02

0.04

Number of oracle calls

ZO-AccSGD: N = 10000; lr = 3.7438208042513985e-05, rho = 100, bs = 270, B = 50,  $\delta = 0$