true start, loose, n = 50,  $\sigma = 0.001$ true value :  $\theta = 0.3$ no constraint (1000/1000 are out of [0, 1]) 500 400 counts 300 200 100 0  $-5.00 \times 10^4$  $-1.00 \times 10^{5}$  $-7.50 \times 10^4$  $-2.50 \times 10^4$ 0 θ