random start, loose, n = 100,  $\sigma = 0.001$ 500 true value :  $\theta = 0.3$ no constraint (100.0 % are out of [0, 1]) 400 300 counts 200 100 0  $-1.00 \times 10^{5}$  $-7.50 \times 10^4$  $-5.00 \times 10^4$  $-2.50 \times 10^4$ 0 θ