random start, n = 1000,  $\sigma = 0.5$ true value :  $\theta = 0.3$  no constraint (772/825 are out of [0, 1]) 50 40 30 counts 20 10 0  $-1.00 \times 10^{5}$  $-7.50 \times 10^4$  $-5.00 \times 10^4$  $-2.50 \times 10^4$ 0 θ