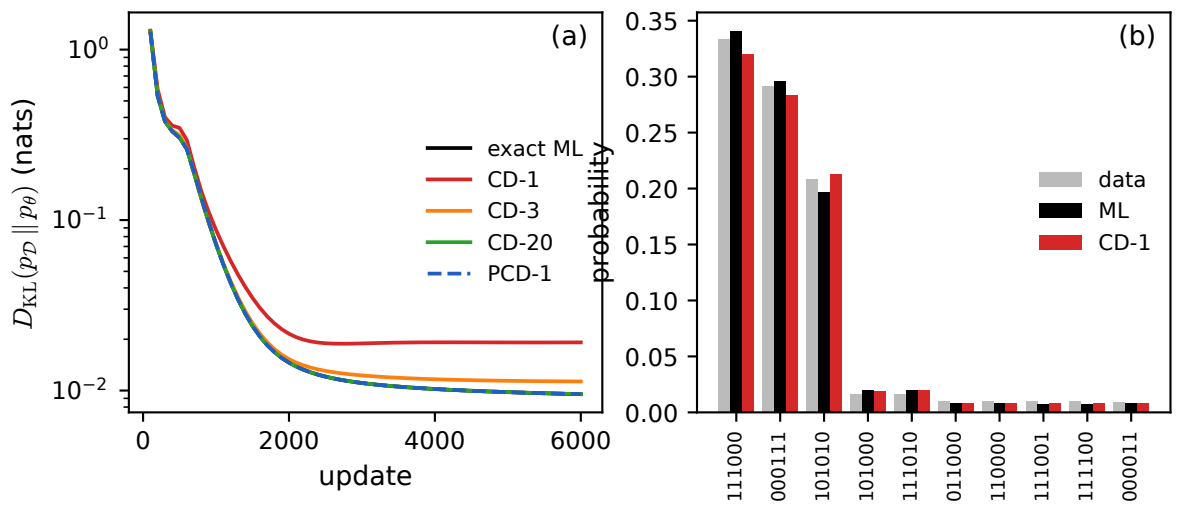

(a)
$D_{\mathrm{KL}}(p_{\mathcal{D}} \| p_\theta)$ (nats)
10^0
10^{-1}
10^{-2}
0
2000
4000
6000
update
exact ML
CD-1
CD-3
CD-20
PCD-1
(b)
probability
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
data
ML
CD-1
111000
000111
101010
101000
111010
011000
110000
111001
111100
000011