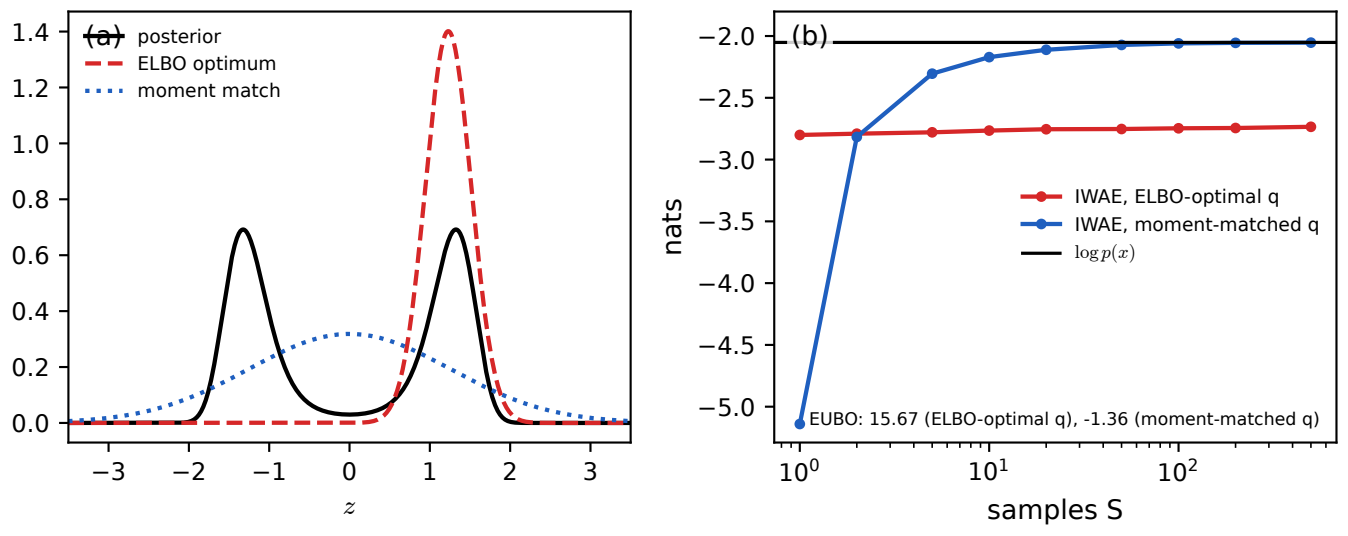

(a)
posterior
ELBO optimum
moment match
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−3
−2
−1
0
1
2
3
z
(b)
−2.0
−2.5
−3.0
−3.5
−4.0
−4.5
−5.0
nats
IWAE, ELBO-optimal q
IWAE, moment-matched q
$\log p(x)$
EUBO: 15.67 (ELBO-optimal q), -1.36 (moment-matched q)
10^0
10^1
10^2
samples S