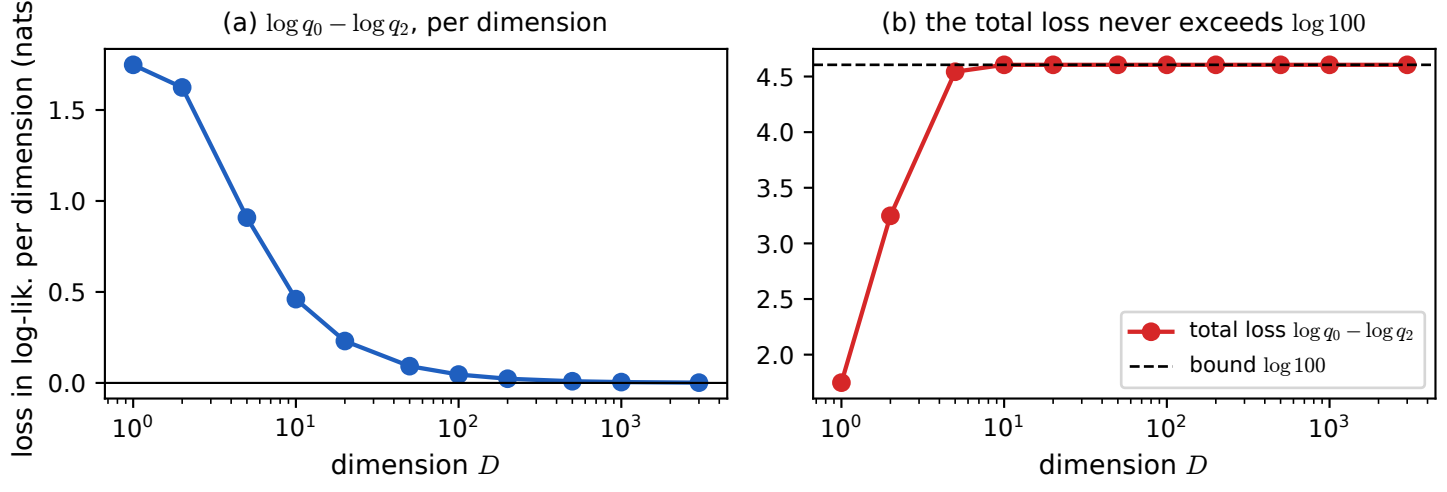

(a) $\log q_0 - \log q_2$, per dimension
loss in log-lik. per dimension (nats)
1.5
1.0
0.5
0.0
10^0
10^1
10^2
10^3
dimension D
(b) the total loss never exceeds $\log 100$
4.5
4.0
3.5
3.0
2.5
2.0
total loss $\log q_0 - \log q_2$
bound $\log 100$
10^0
10^1
10^2
10^3
dimension D