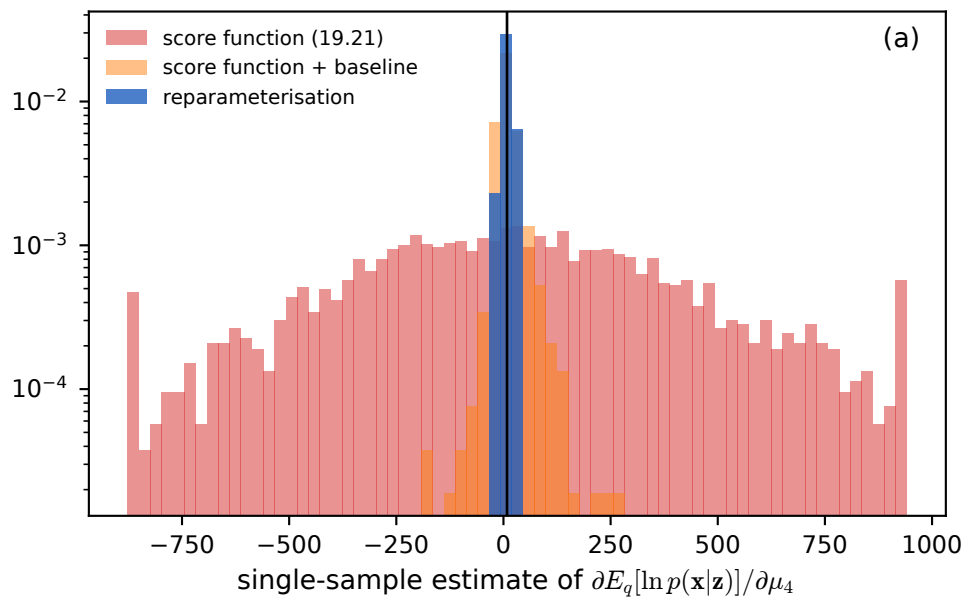
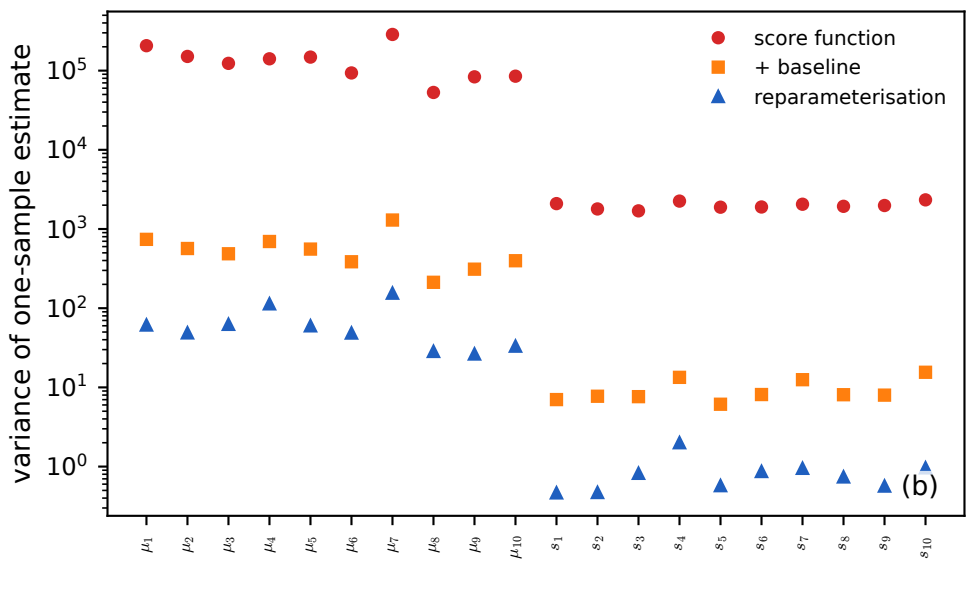

score function (19.21)
score function + baseline
reparameterisation
(a)
10^{-2}
10^{-3}
10^{-4}
−750
−500
−250
0
250
500
750
1000
single-sample estimate of $\partial E_q[\ln p(\mathbf{x}|\mathbf{z})]/\partial\mu_4$


score function
+ baseline
reparameterisation
variance of one-sample estimate
10^{5}
10^{4}
10^{3}
10^{2}
10^{1}
10^{0}
(b)
μ_1 μ_2 μ_3 μ_4 μ_5 μ_6 μ_7 μ_8 μ_9 μ_{10}
s_1 s_2 s_3 s_4 s_5 s_6 s_7 s_8 s_9 s_{10}