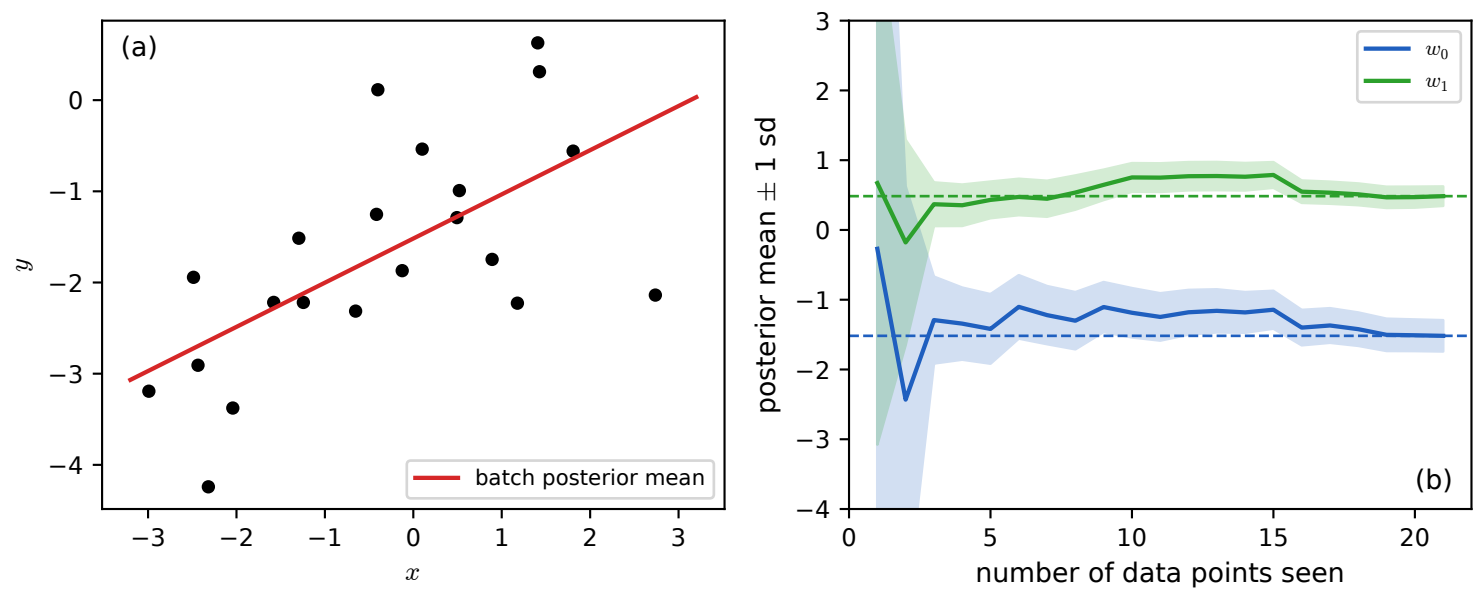

(a)
batch posterior mean
x
y
(b)
w_0
w_1
posterior mean ± 1 sd
number of data points seen