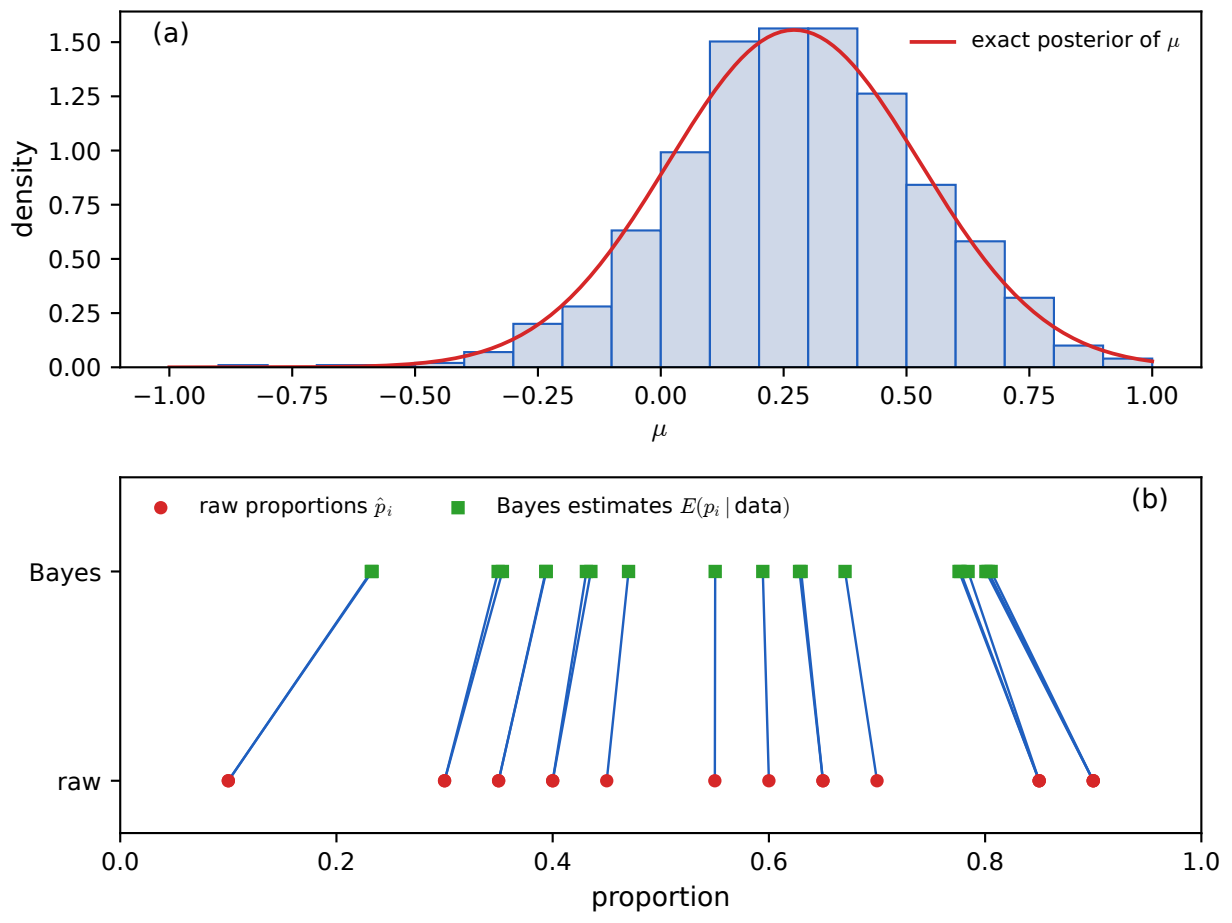

(a)
exact posterior of μ
density
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−1.00
−0.75
−0.50
−0.25
0.00
0.25
0.50
0.75
1.00
μ
(b)
raw proportions $\hat{p}_i$
Bayes estimates $E(p_i \mid \text{data})$
Bayes
raw
0.0
0.2
0.4
0.6
0.8
1.0
proportion