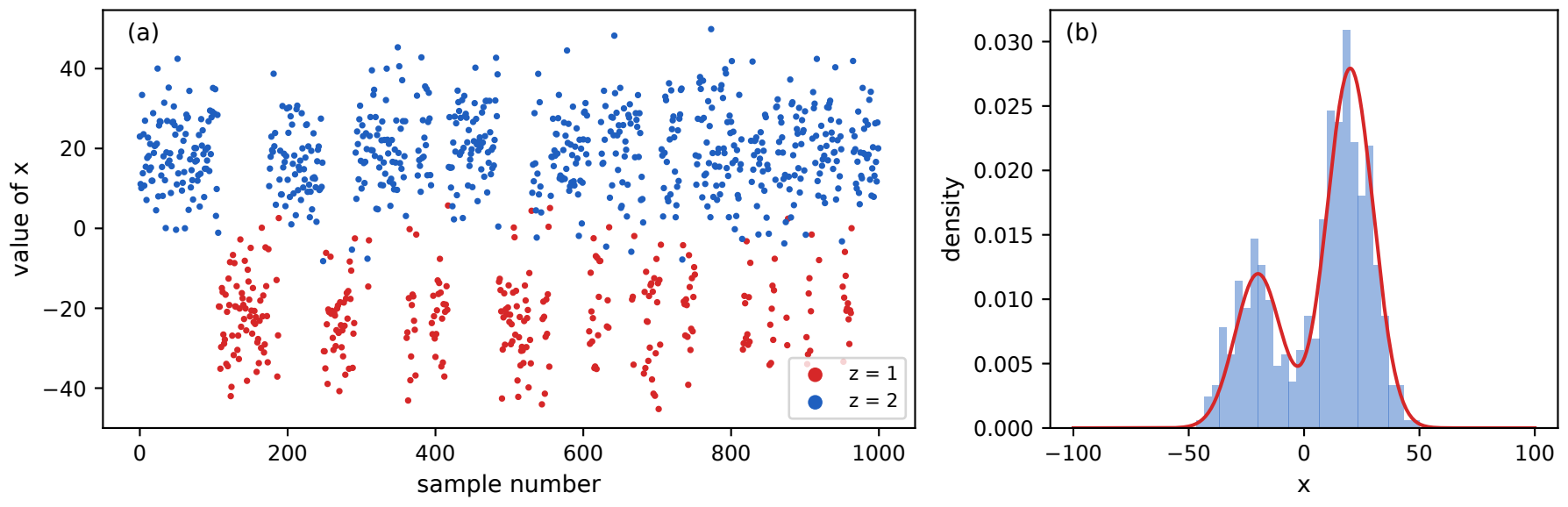

(a)
value of x
40
20
0
−20
−40
0
200
400
600
800
1000
sample number
z = 1
z = 2
(b)
density
0.030
0.025
0.020
0.015
0.010
0.005
0.000
−100
−50
0
50
100
x