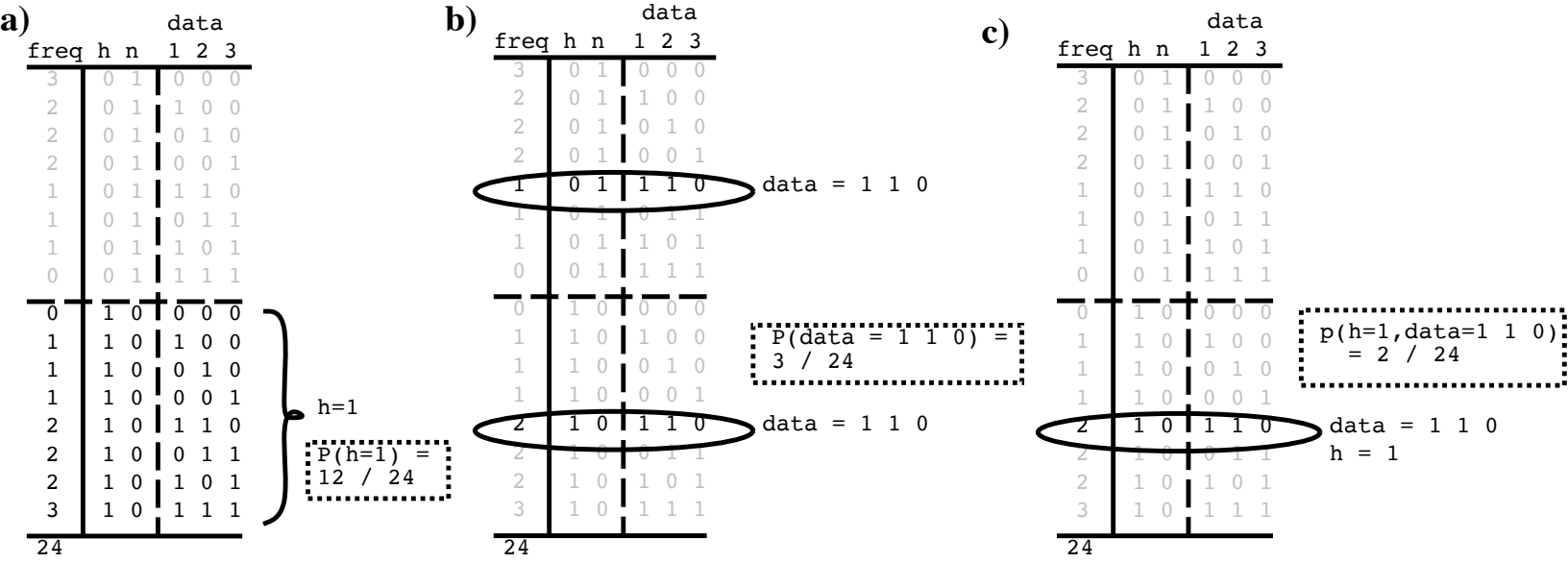
a)
data
freq h n 1 2 3
3 0 1 0 0 0
2 0 1 1 0 0
2 0 1 0 1 0
2 0 1 0 0 1
1 0 1 1 1 0
1 0 1 0 1 1
1 0 1 1 0 1
0 0 1 1 1 1
0 1 0 0 0 0
1 1 0 1 0 0
1 1 0 0 1 0
1 1 0 0 0 1
2 1 0 1 1 0
2 1 0 0 1 1
2 1 0 1 0 1
3 1 0 1 1 1
24
h=1
P(h=1) = 12 / 24
b)
data
freq h n 1 2 3
3 0 1 0 0 0
2 0 1 1 0 0
2 0 1 0 1 0
2 0 1 0 0 1
1 0 1 1 1 0
1 0 1 0 1 1
1 0 1 1 0 1
0 0 1 1 1 1
0 1 0 0 0 0
1 1 0 1 0 0
1 1 0 0 1 0
1 1 0 0 0 1
2 1 0 1 1 0
2 1 0 0 1 1
2 1 0 1 0 1
3 1 0 1 1 1
24
data = 1 1 0
P(data = 1 1 0) = 3 / 24
data = 1 1 0
c)
data
freq h n 1 2 3
3 0 1 0 0 0
2 0 1 1 0 0
2 0 1 0 1 0
2 0 1 0 0 1
1 0 1 1 1 0
1 0 1 0 1 1
1 0 1 1 0 1
0 0 1 1 1 1
0 1 0 0 0 0
1 1 0 1 0 0
1 1 0 0 1 0
1 1 0 0 0 1
2 1 0 1 1 0
2 1 0 0 1 1
2 1 0 1 0 1
3 1 0 1 1 1
24
p(h=1,data=1 1 0) = 2 / 24
data = 1 1 0
h = 1