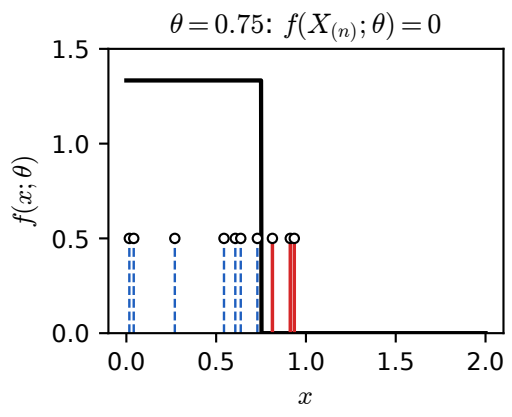
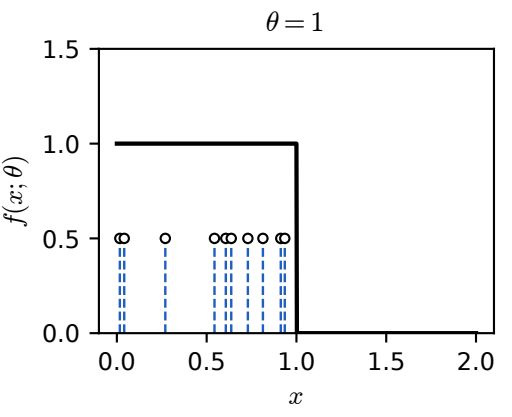
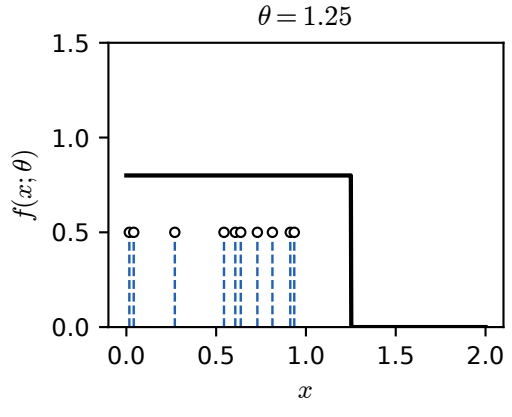
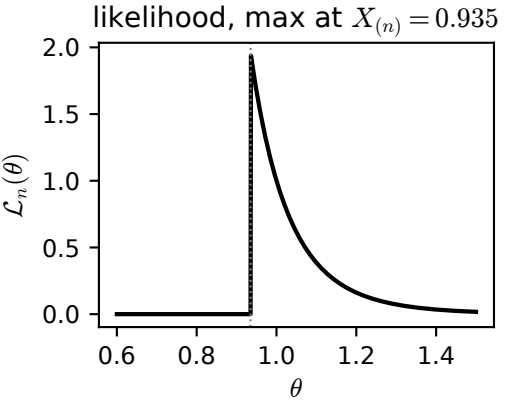

$\theta = 0.75$: $f(X_{(n)};\theta) = 0$
1.5
1.0
0.5
0.0
$f(x;\theta)$
0.0
0.5
1.0
1.5
2.0
x


$\theta = 1$
1.5
1.0
0.5
0.0
$f(x;\theta)$
0.0
0.5
1.0
1.5
2.0
x


$\theta = 1.25$
1.5
1.0
0.5
0.0
$f(x;\theta)$
0.0
0.5
1.0
1.5
2.0
x


likelihood, max at $X_{(n)} = 0.935$
2.0
1.5
1.0
0.5
0.0
$\mathcal{L}_n(\theta)$
0.6
0.8
1.0
1.2
1.4
θ