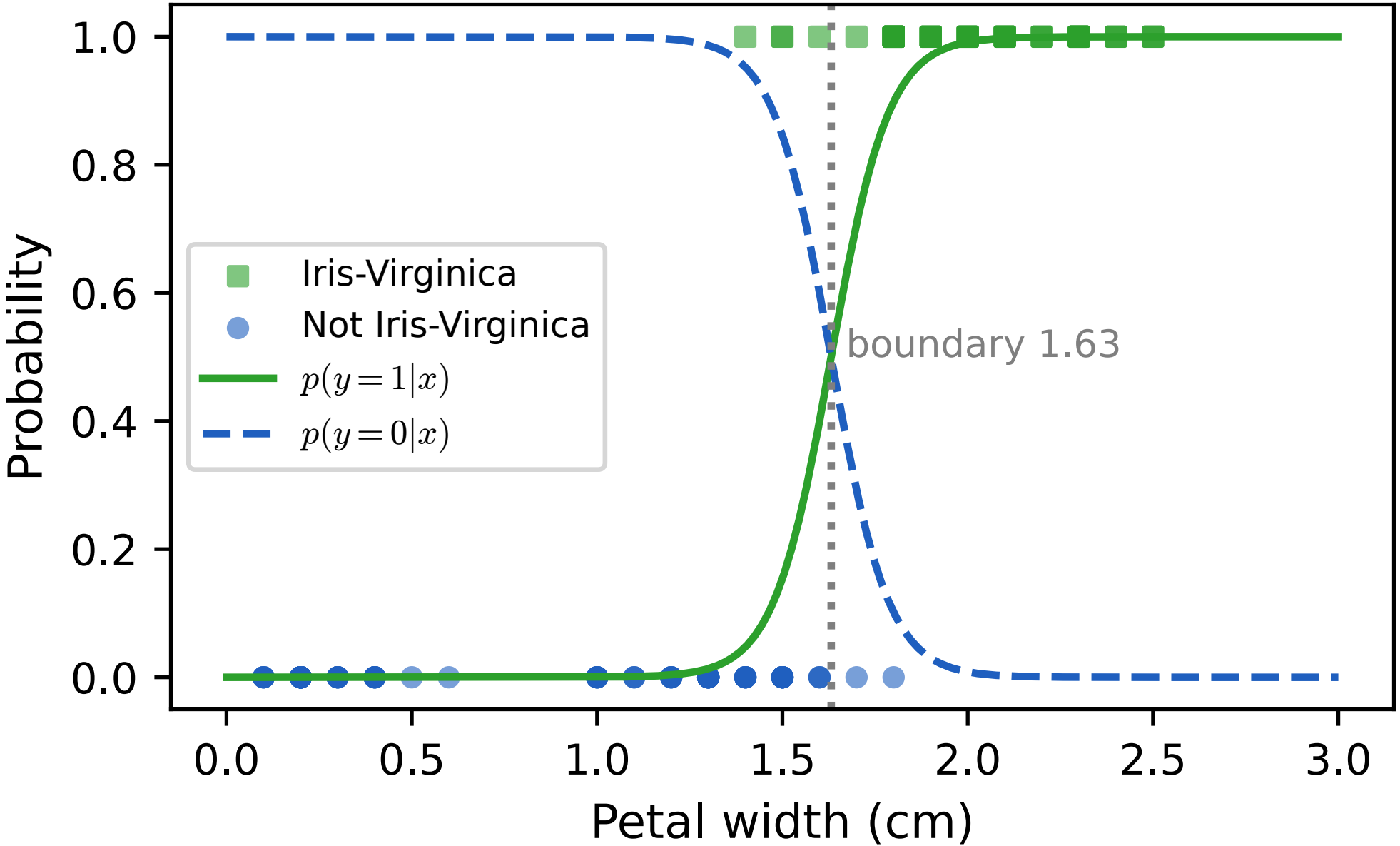

1.0
0.8
0.6
0.4
0.2
0.0
Probability
0.0
0.5
1.0
1.5
2.0
2.5
3.0
Petal width (cm)
Iris-Virginica
Not Iris-Virginica
$p(y=1|x)$
$p(y=0|x)$
boundary 1.63