

Sensitivity = 100%

Positive Predictive Value

100%

75%

50%

25%

0%

0%

2.5%

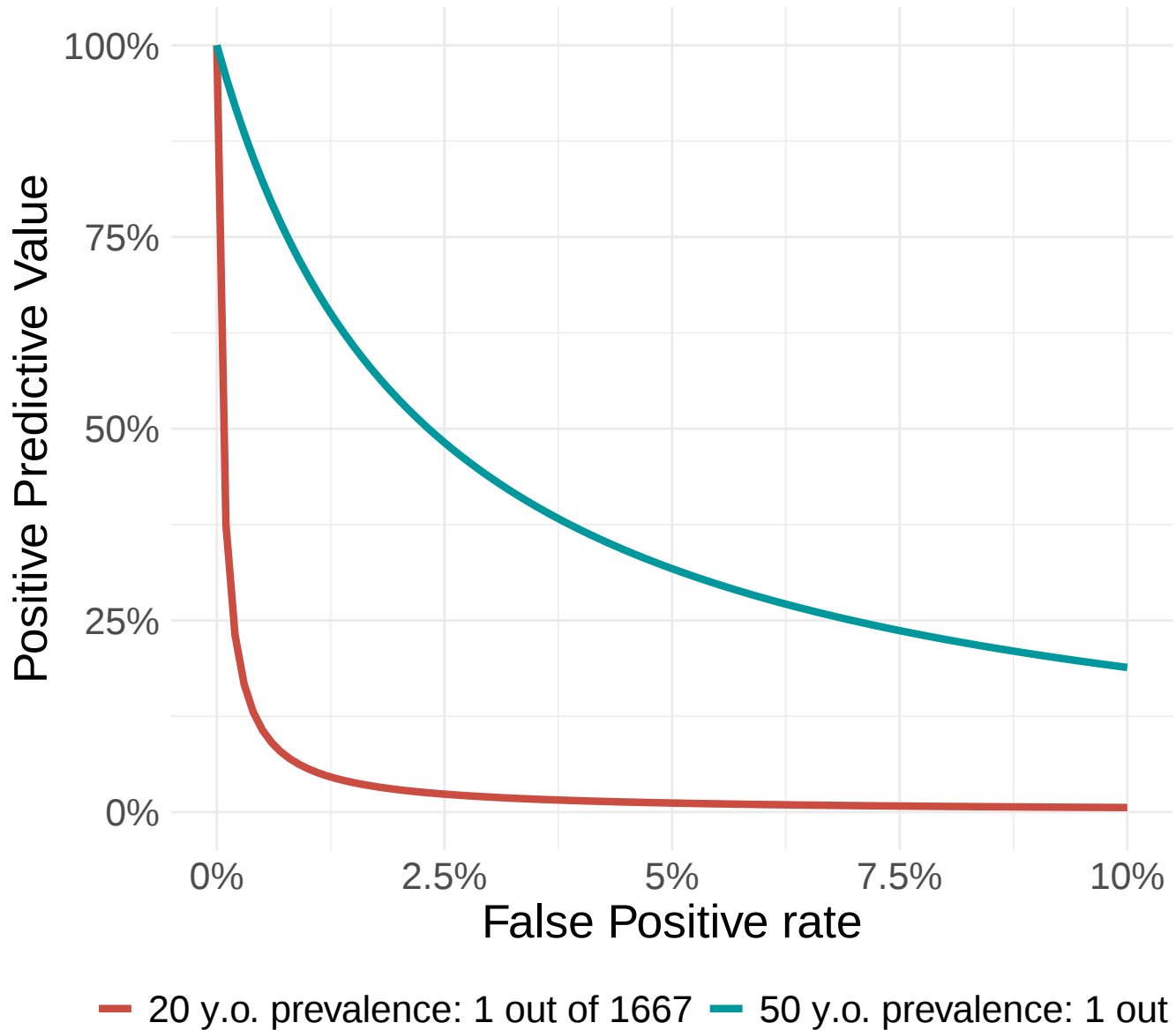
5%

7.5%

10%

False Positive rate

— 20 y.o. prevalence: 1 out of 1667 — 50 y.o. prevalence: 1 out of 1667



Sensitivity = 100%

Positive Predictive Value

100%

75%

50%

25%

0%

0%

2.5%

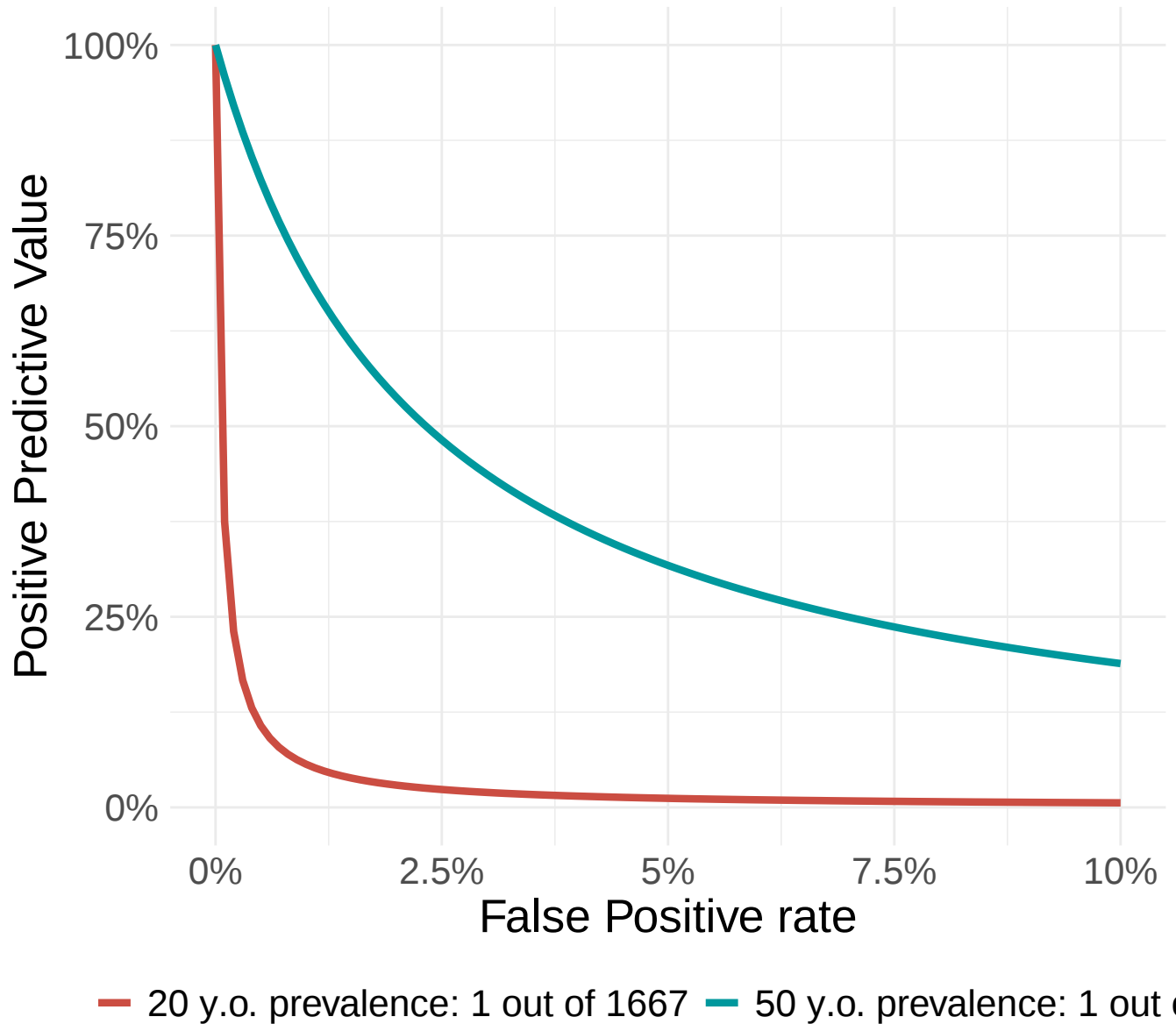
5%

7.5%

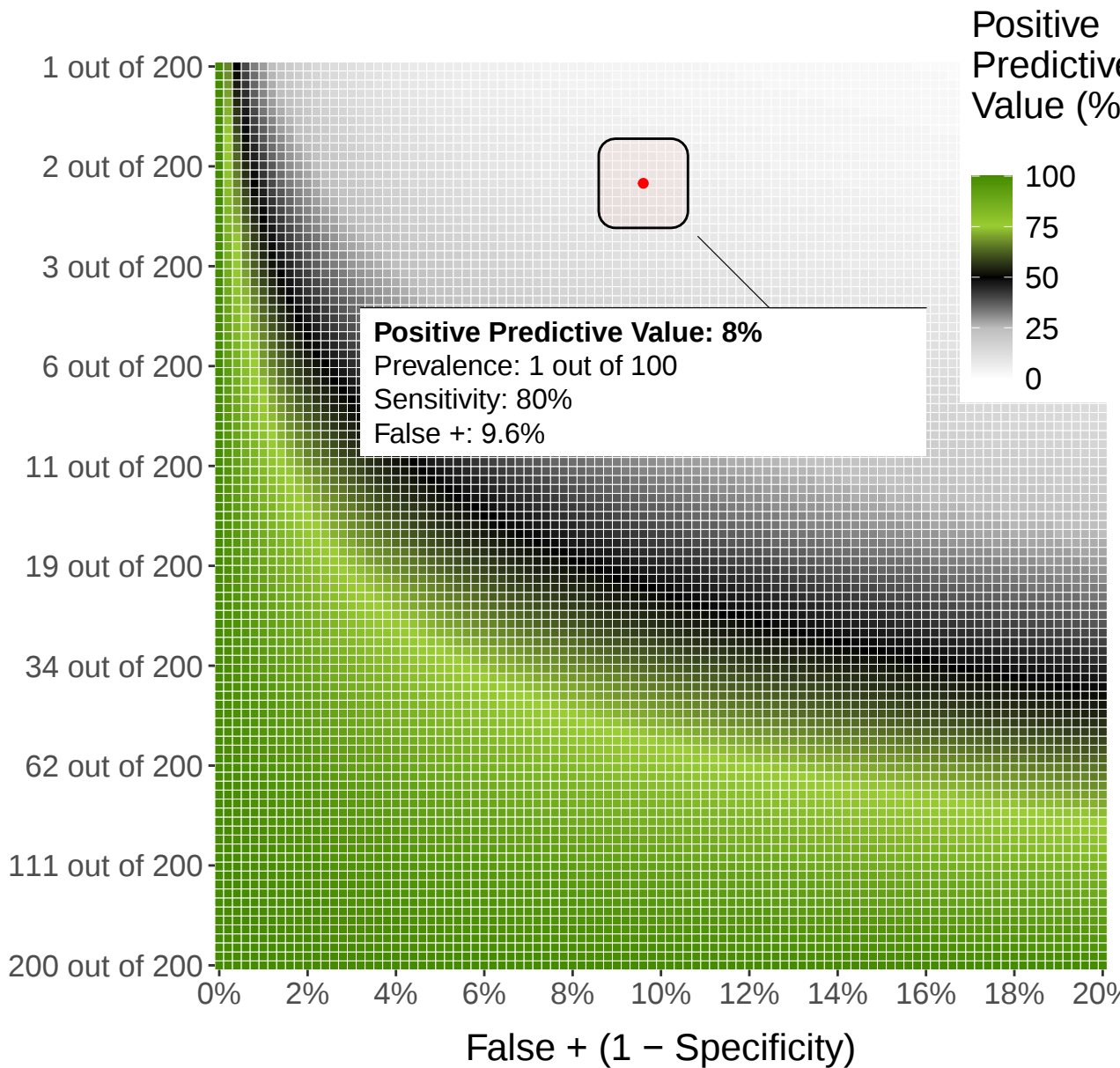
10%

False Positive rate

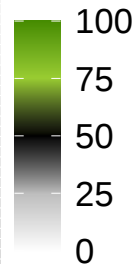
— 20 y.o. prevalence: 1 out of 1667 — 50 y.o. prevalence: 1 out of 1667



Prevalence



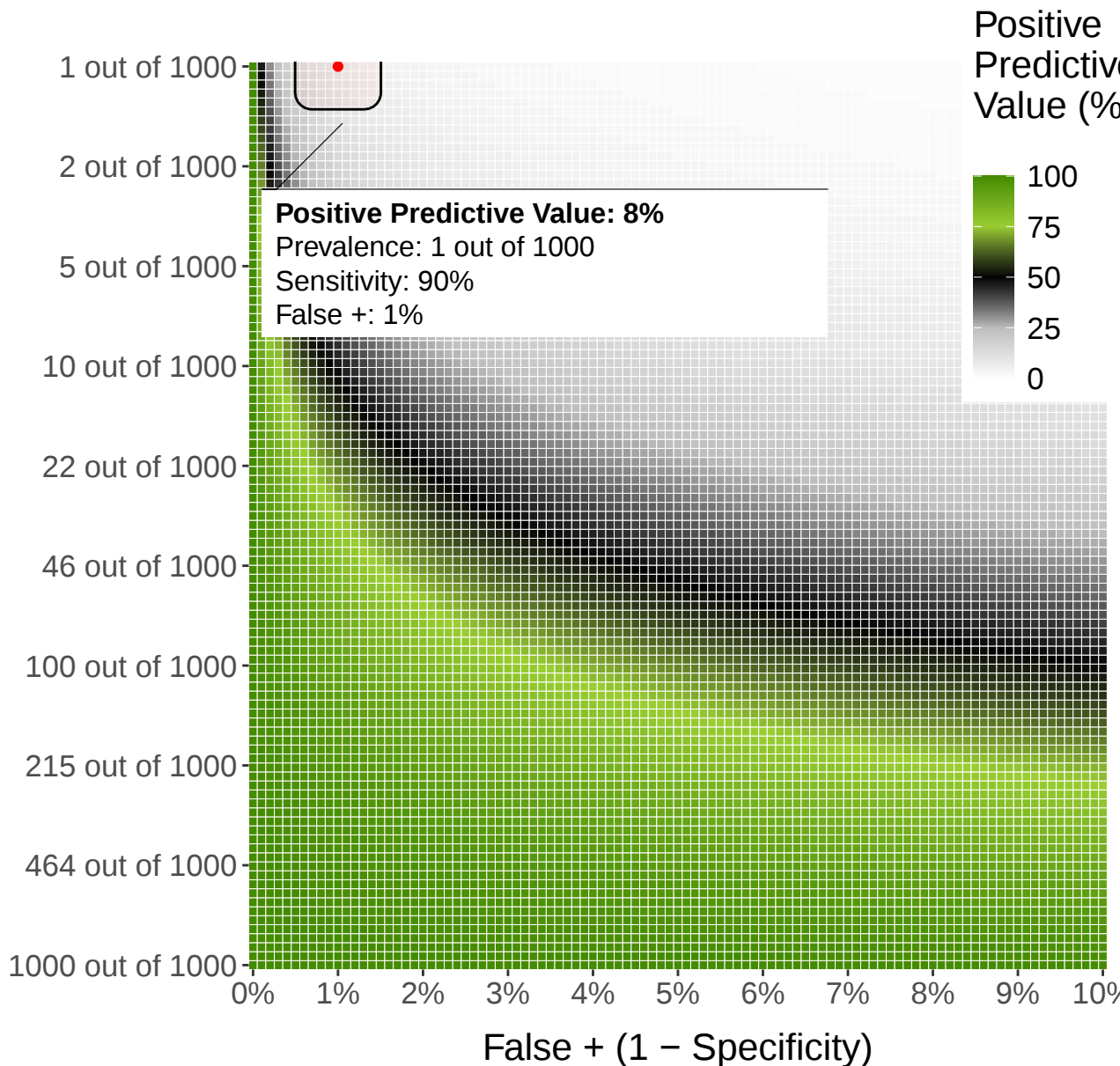
Positive
Predictive
Value (%)



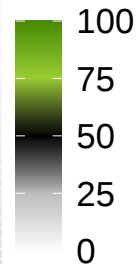
Positive Predictive Value: 8%
Prevalence: 1 out of 100
Sensitivity: 80%
False +: 9.6%

Sensitivity = 80%

Prevalence

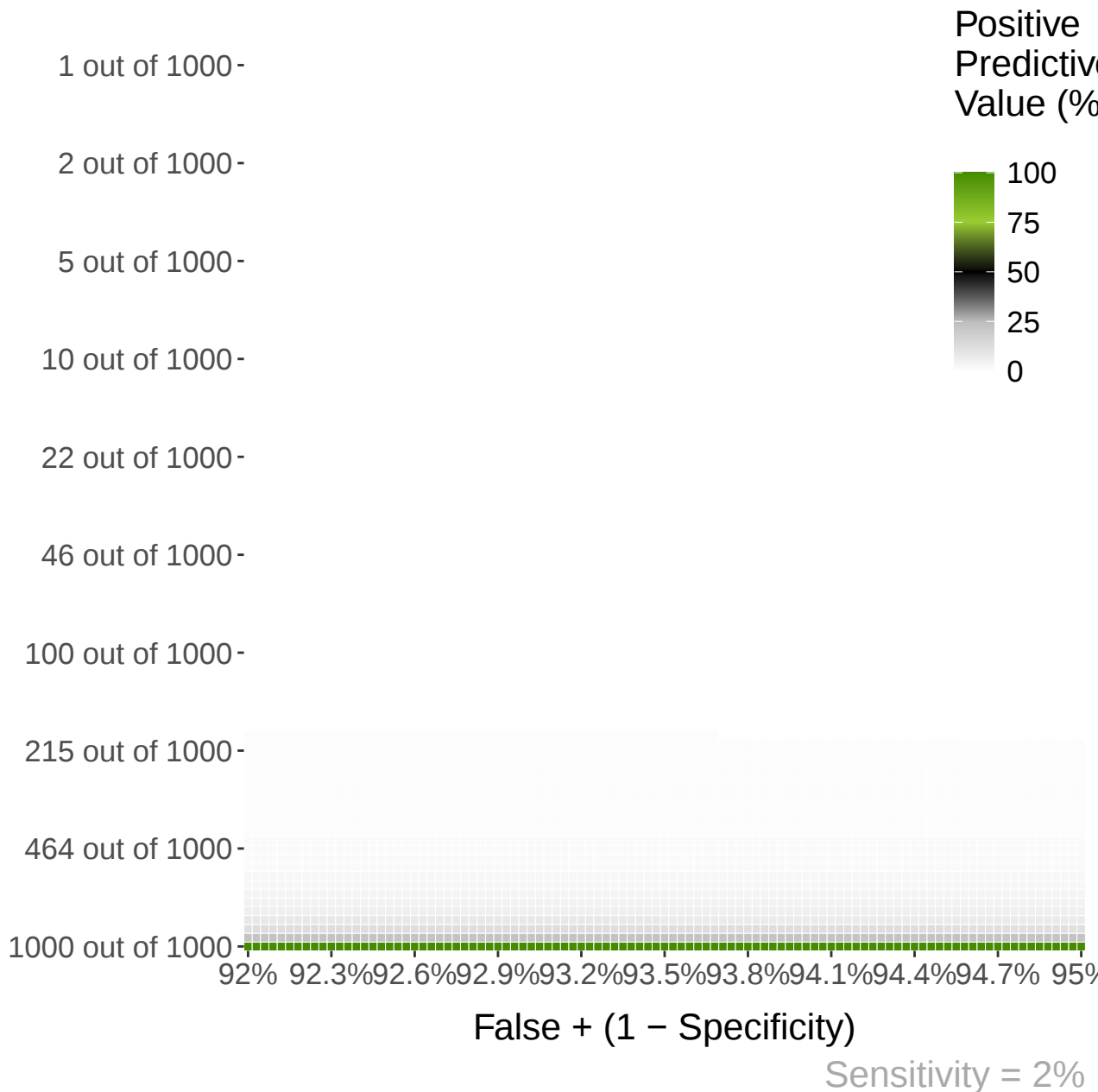


Positive
Predictive
Value (%)

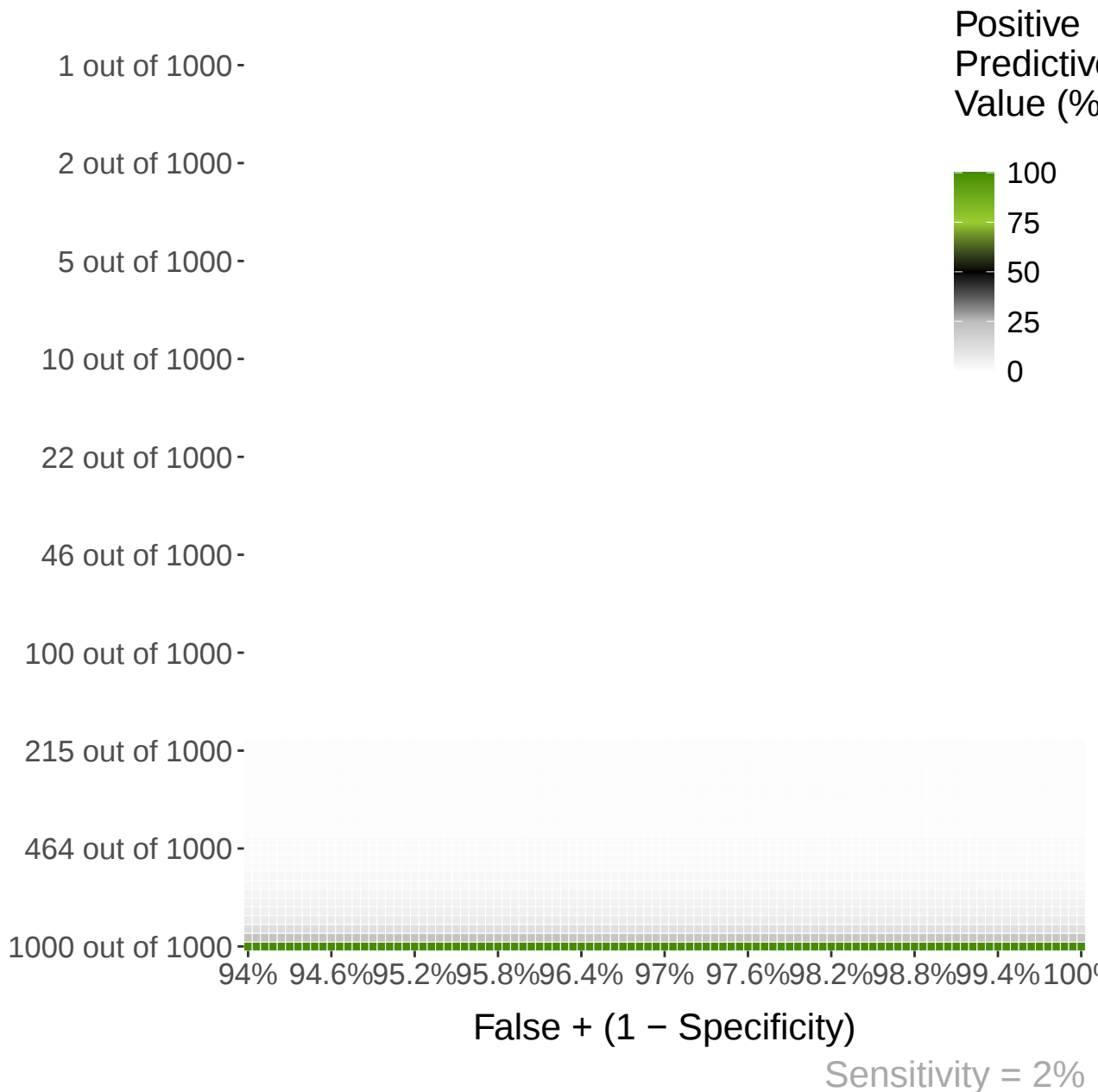


Sensitivity = 90%

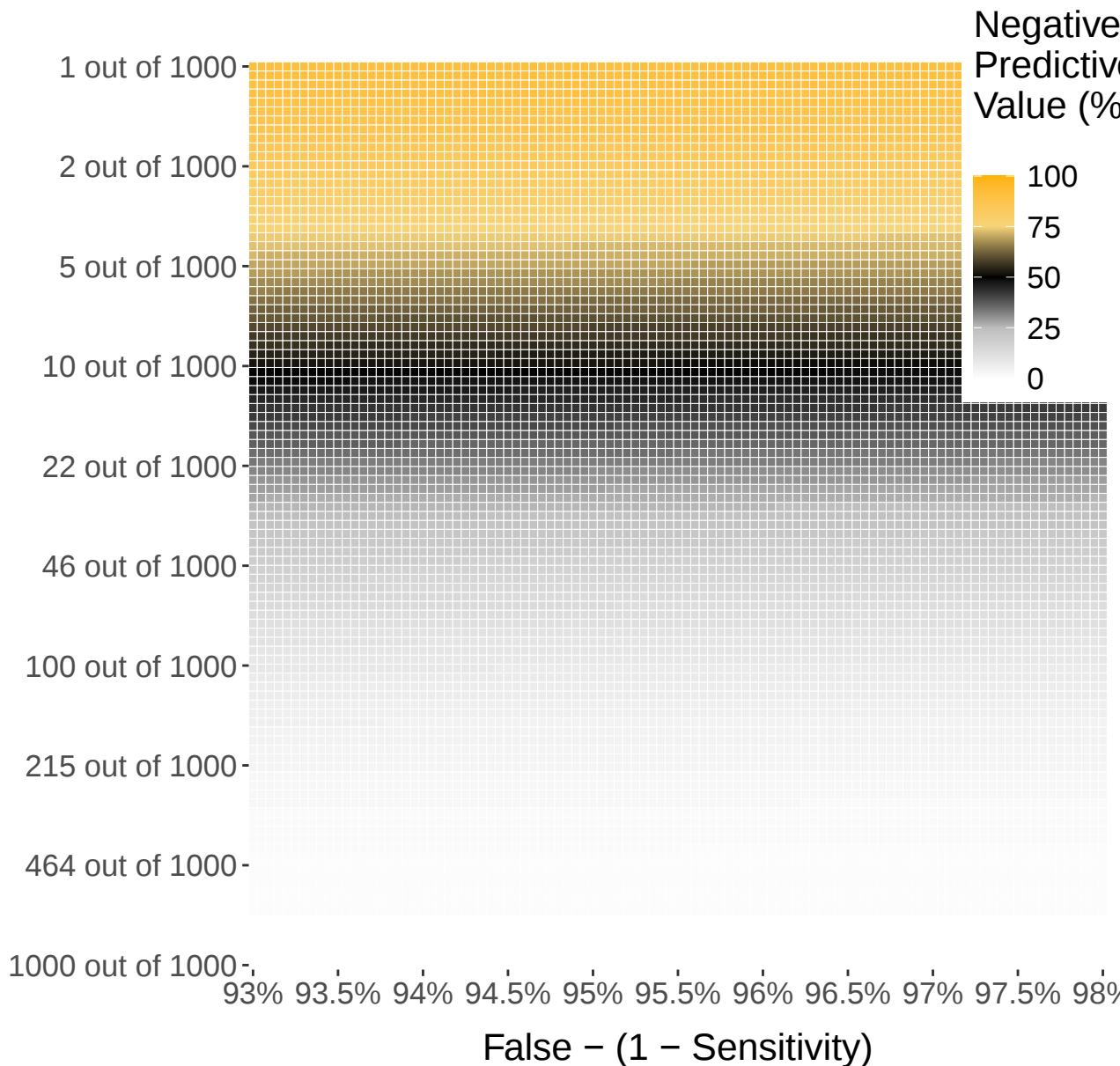
Prevalence



Prevalence



Prevalence



Negative
Predictive
Value (%)

100

75

50

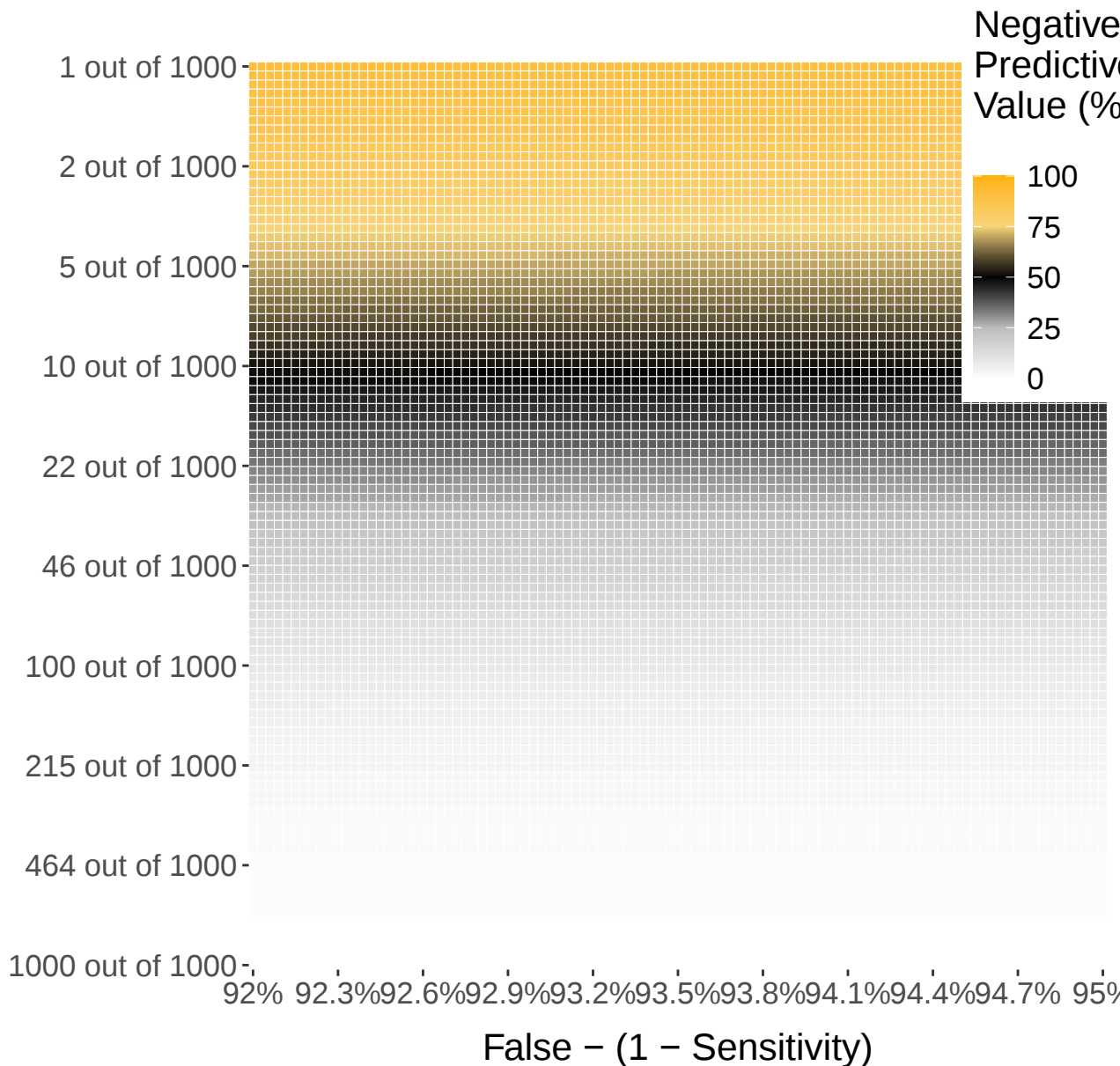
25

0

False - (1 - Sensitivity)

Specificity = 1%

Prevalence



Negative
Predictive
Value (%)

100

75

50

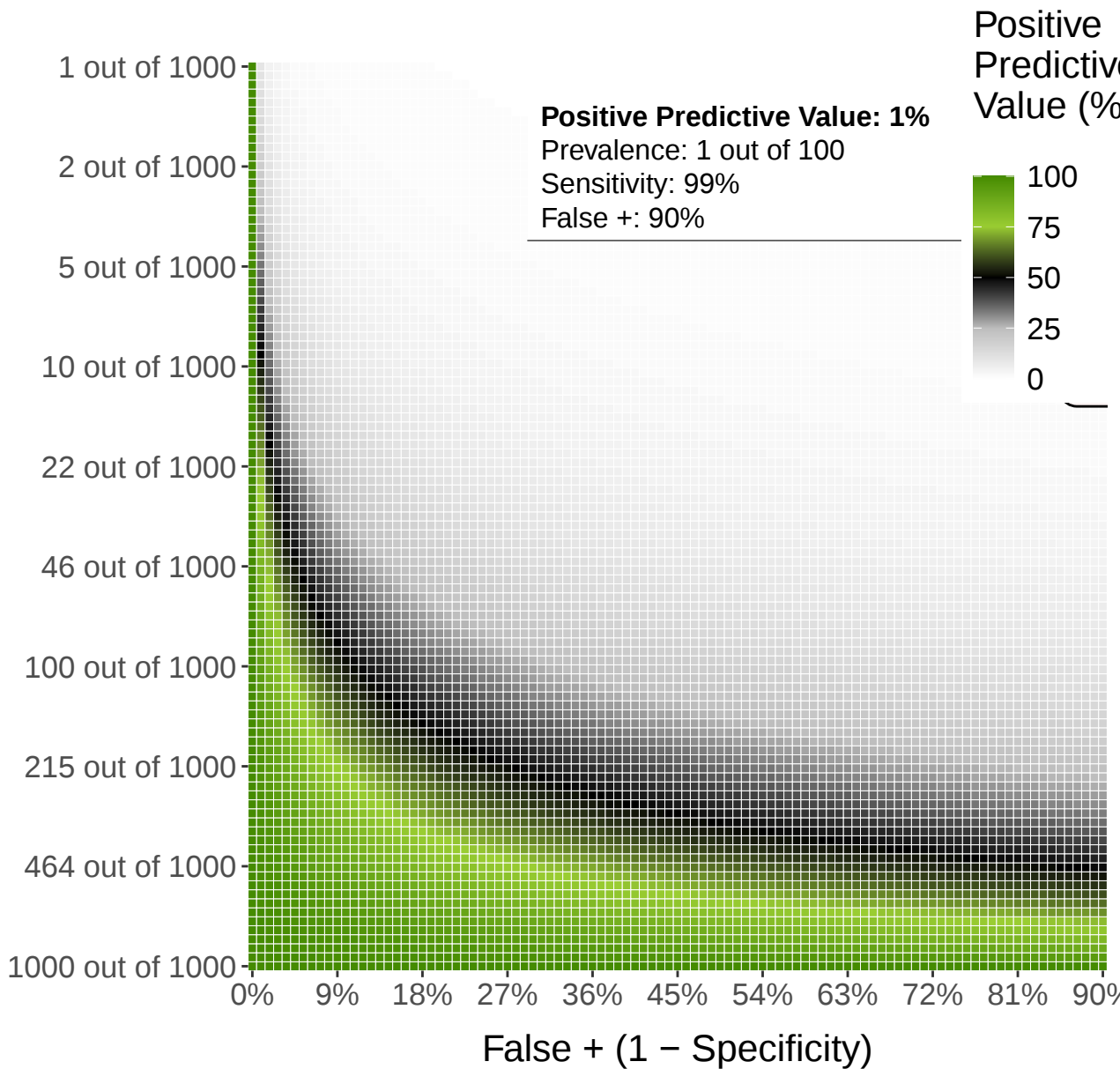
25

0

False - (1 - Sensitivity)

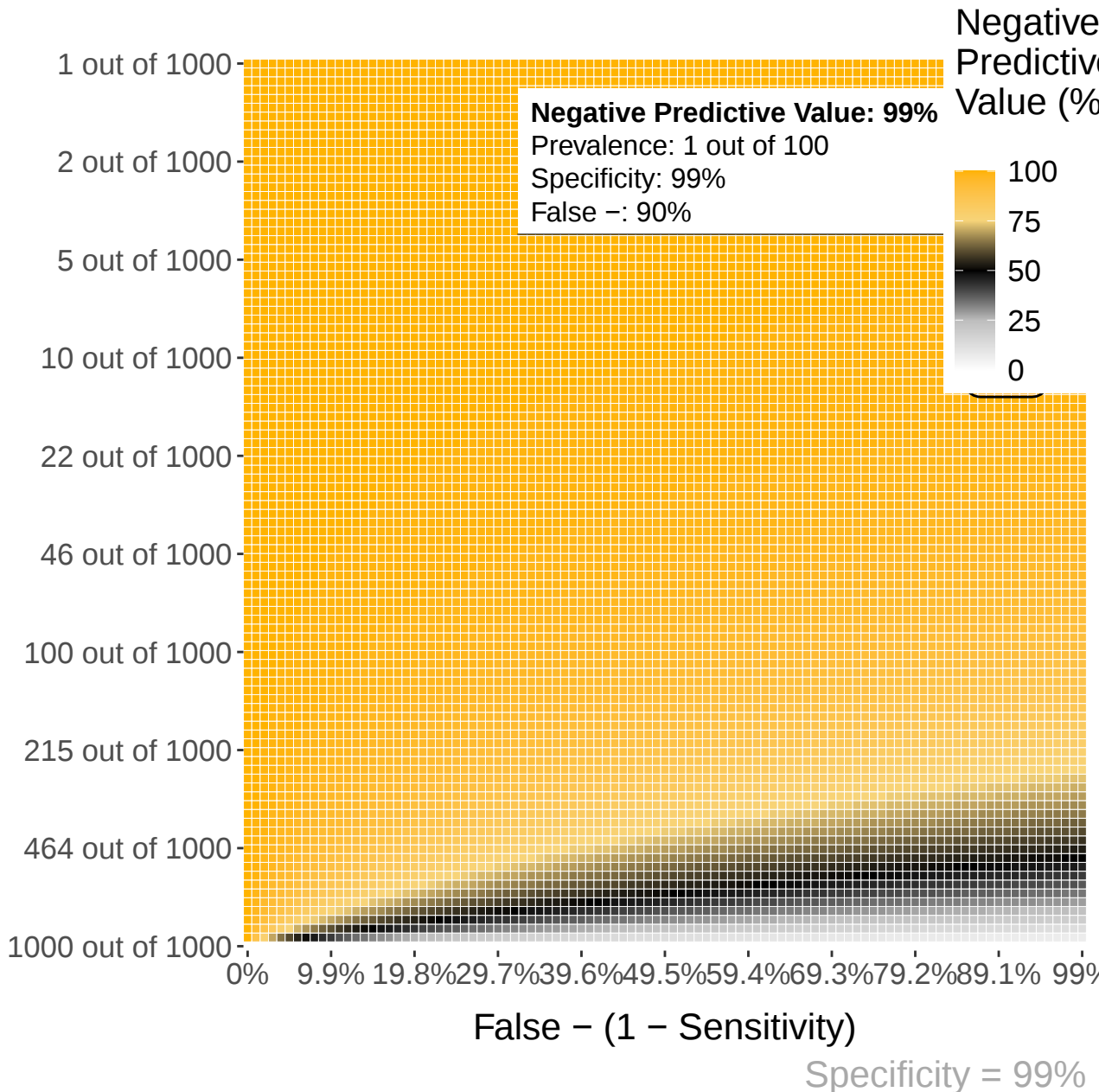
Specificity = 1%

Prevalence

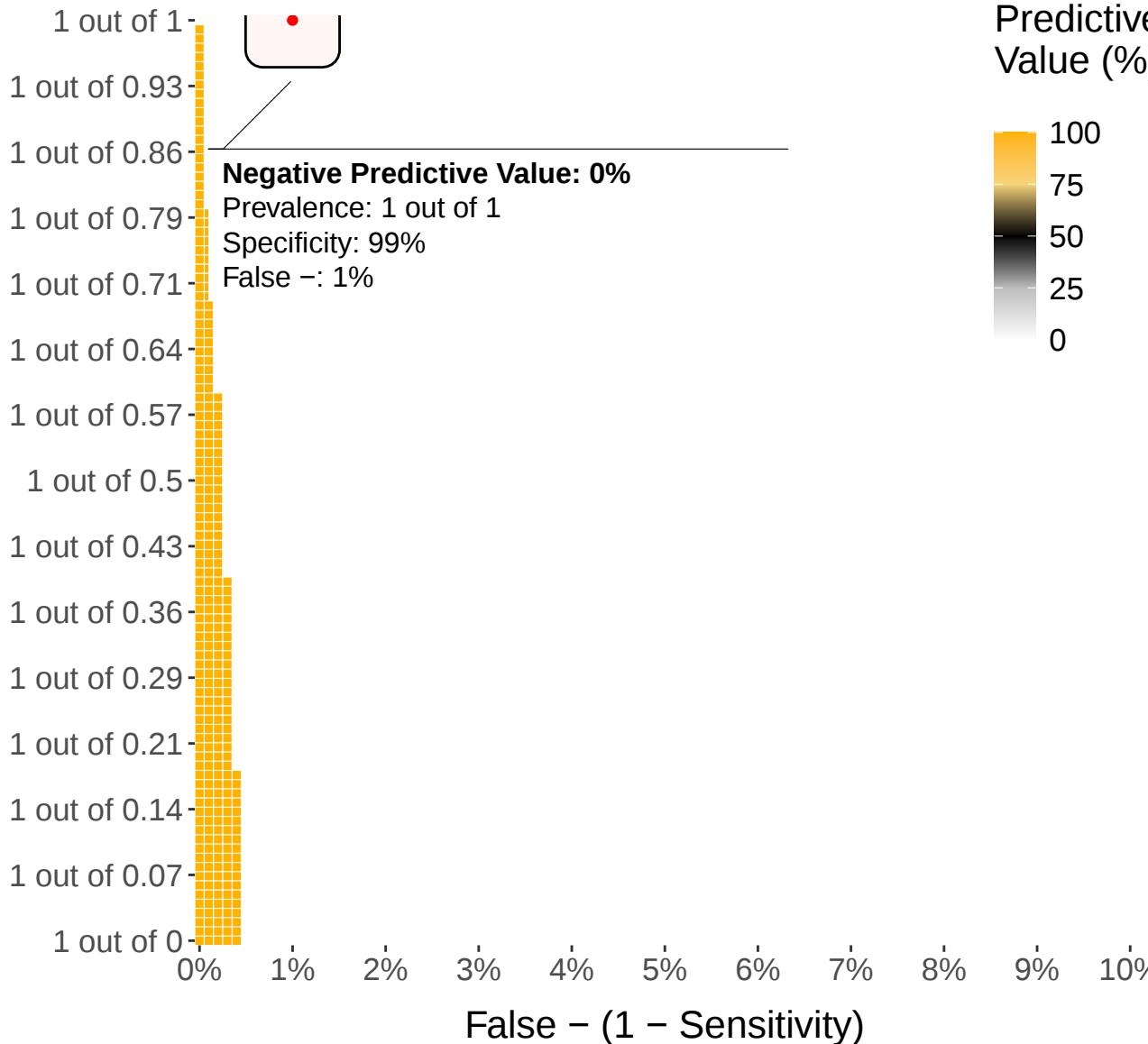


Sensitivity = 99%

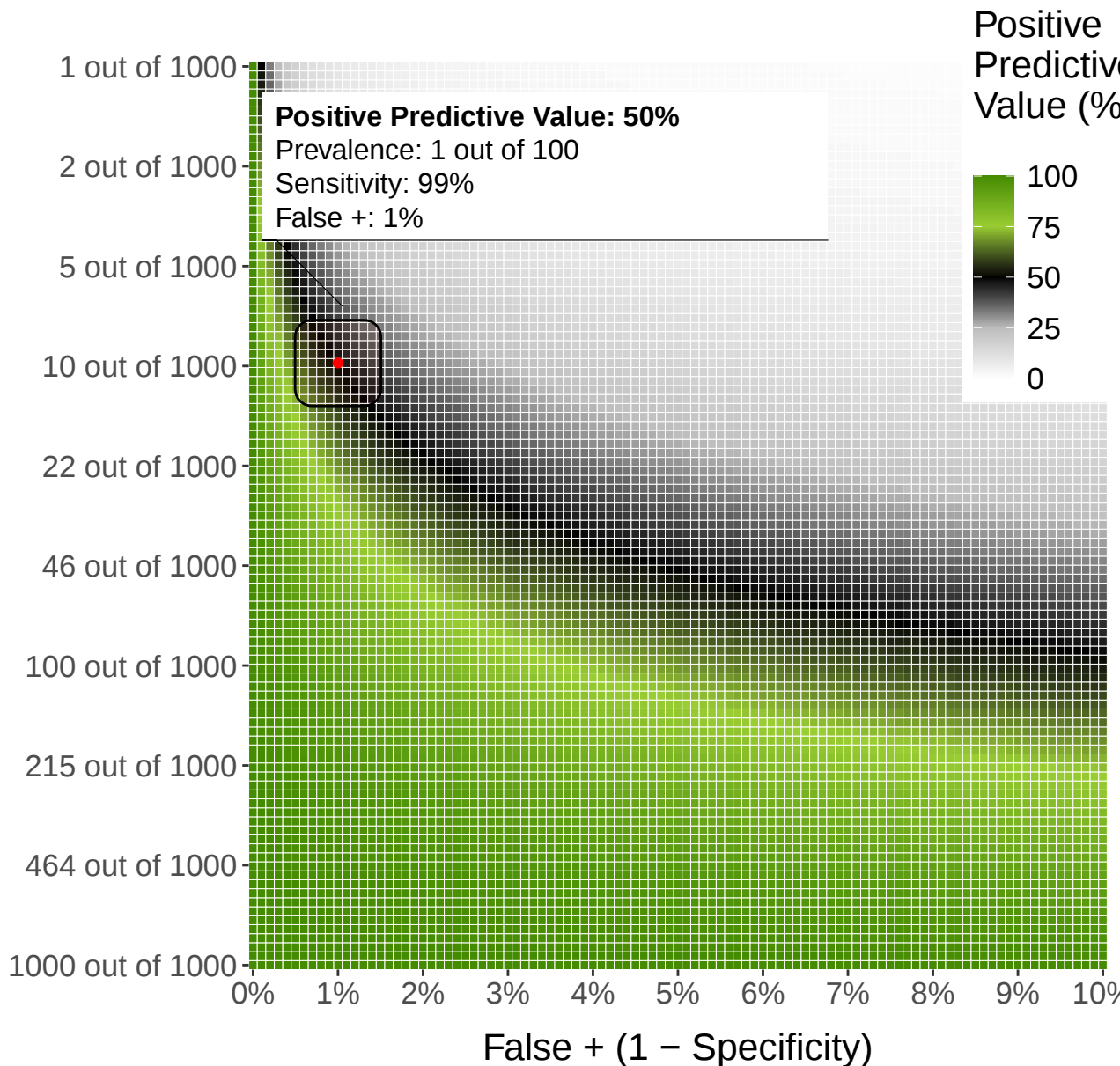
Prevalence



Prevalence

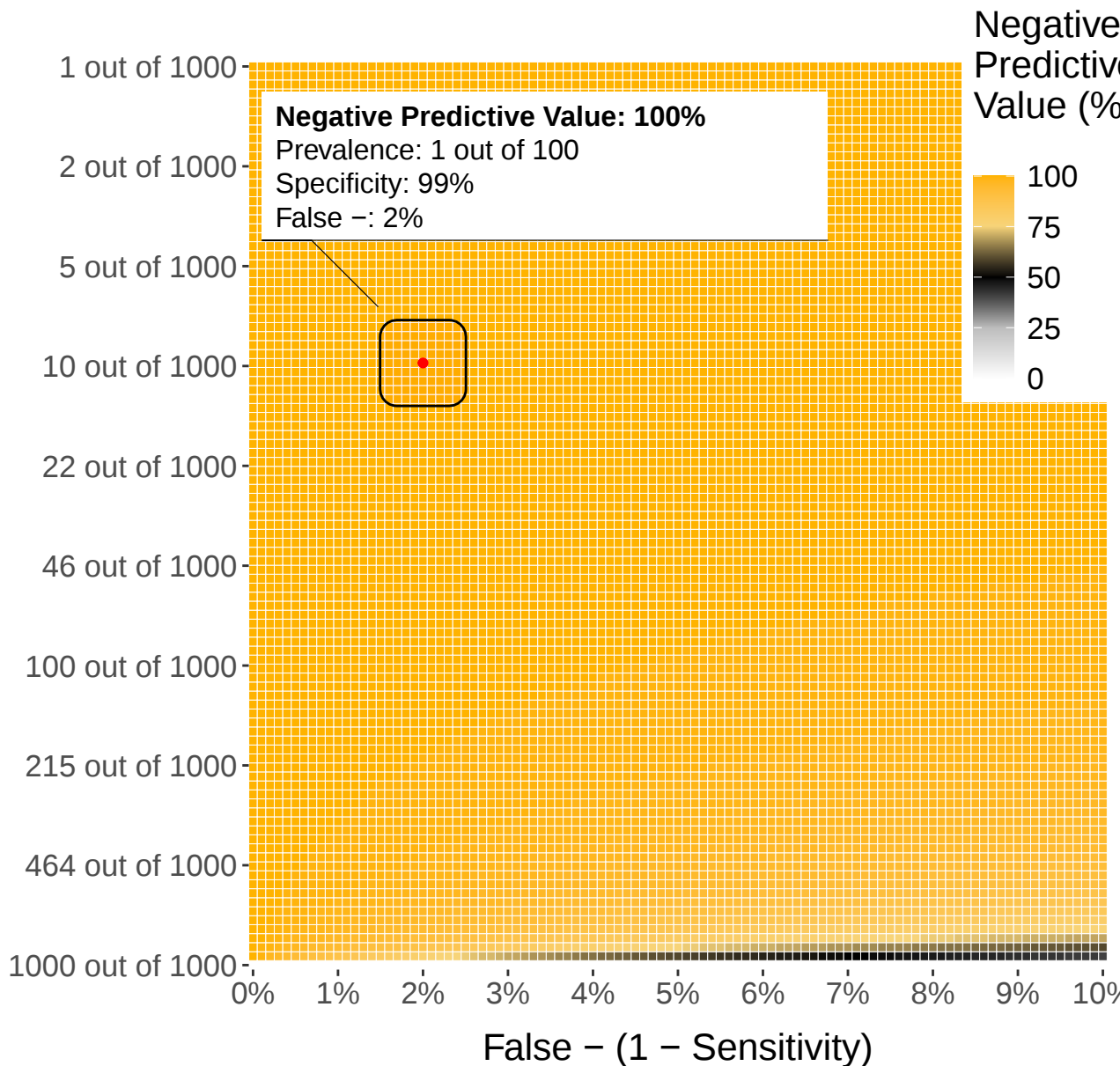


Prevalence



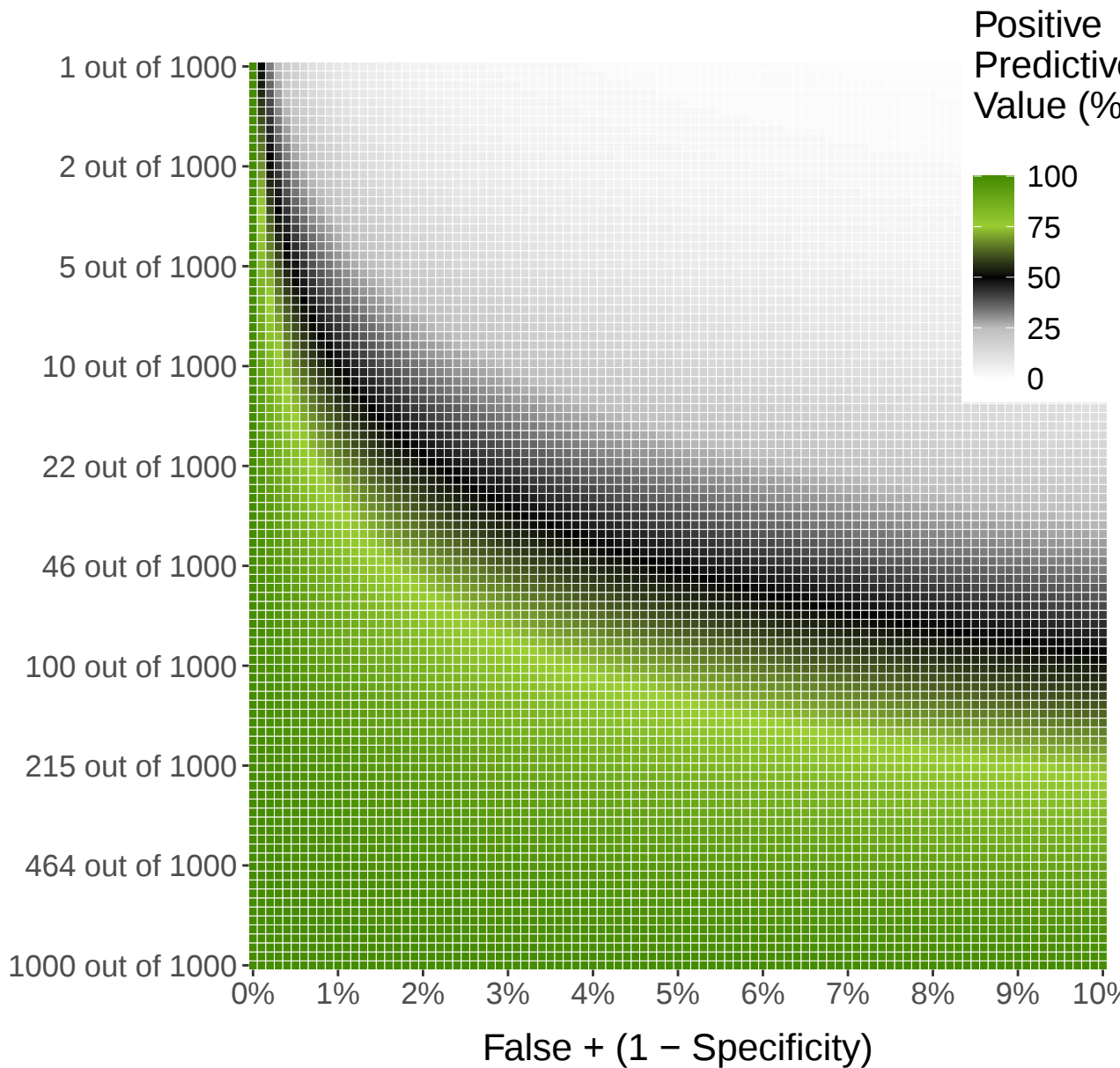
Sensitivity = 99%

Prevalence



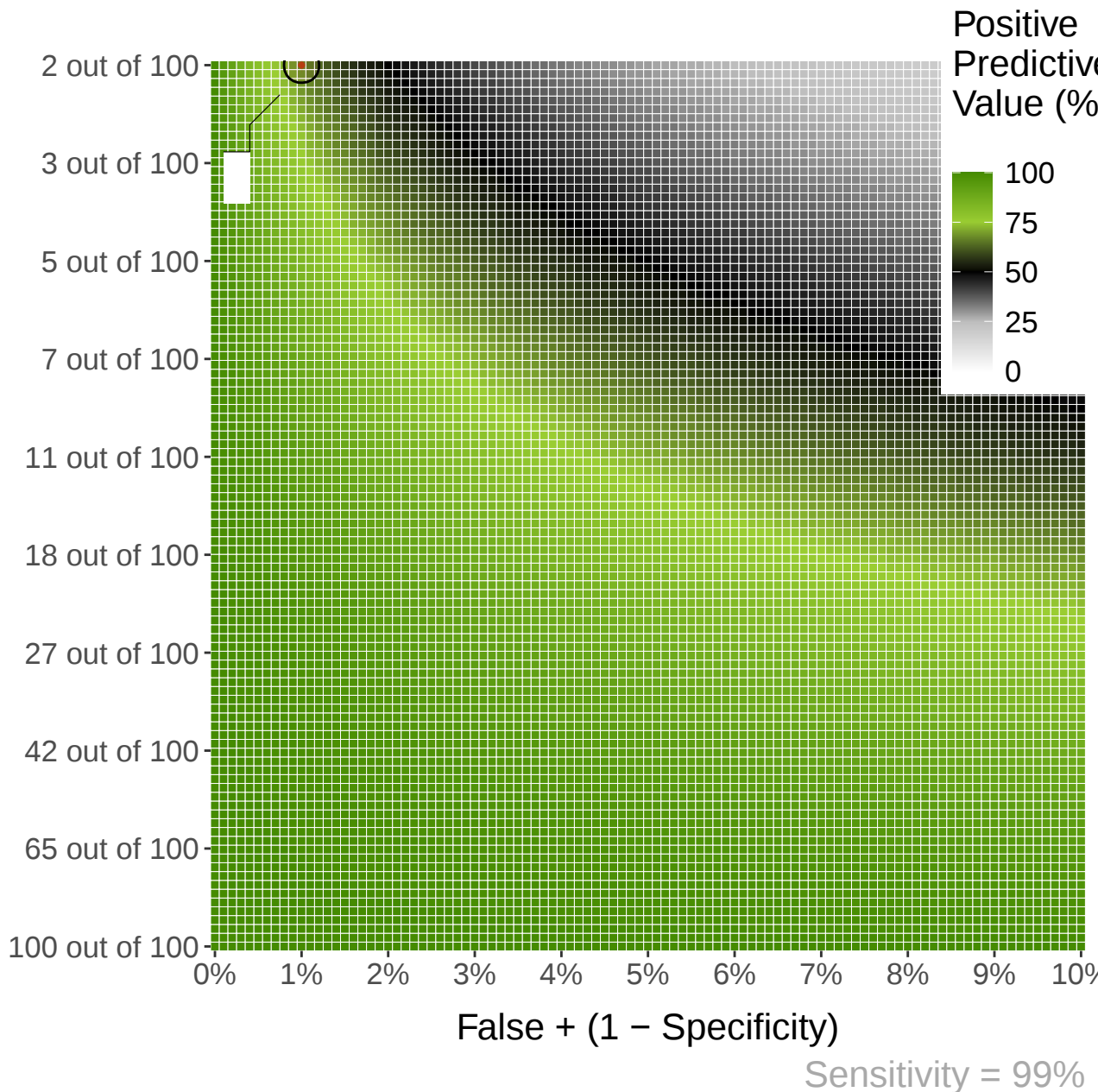
Specificity = 99%

Prevalence

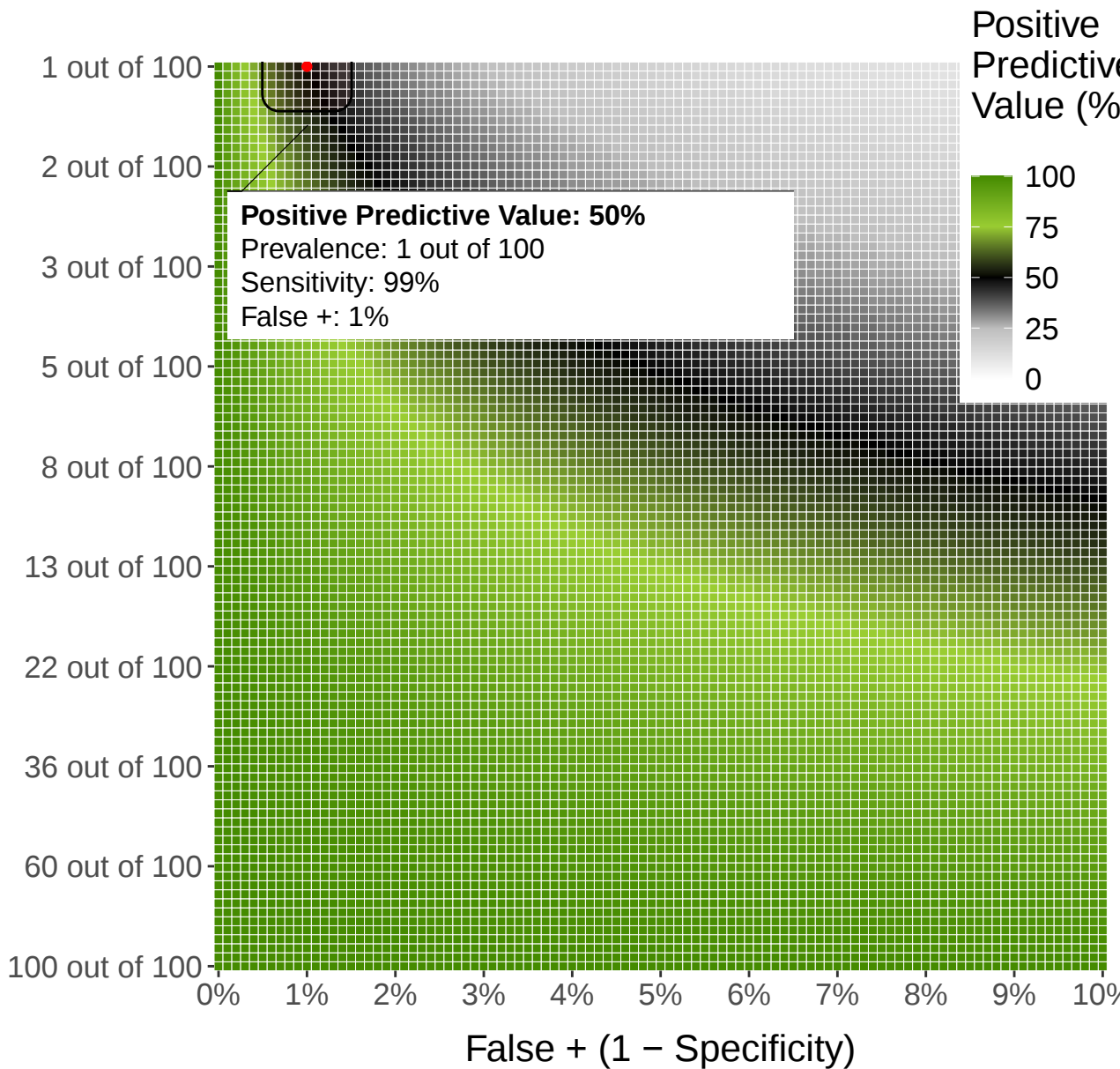


Sensitivity = 99%

Prevalence



Prevalence



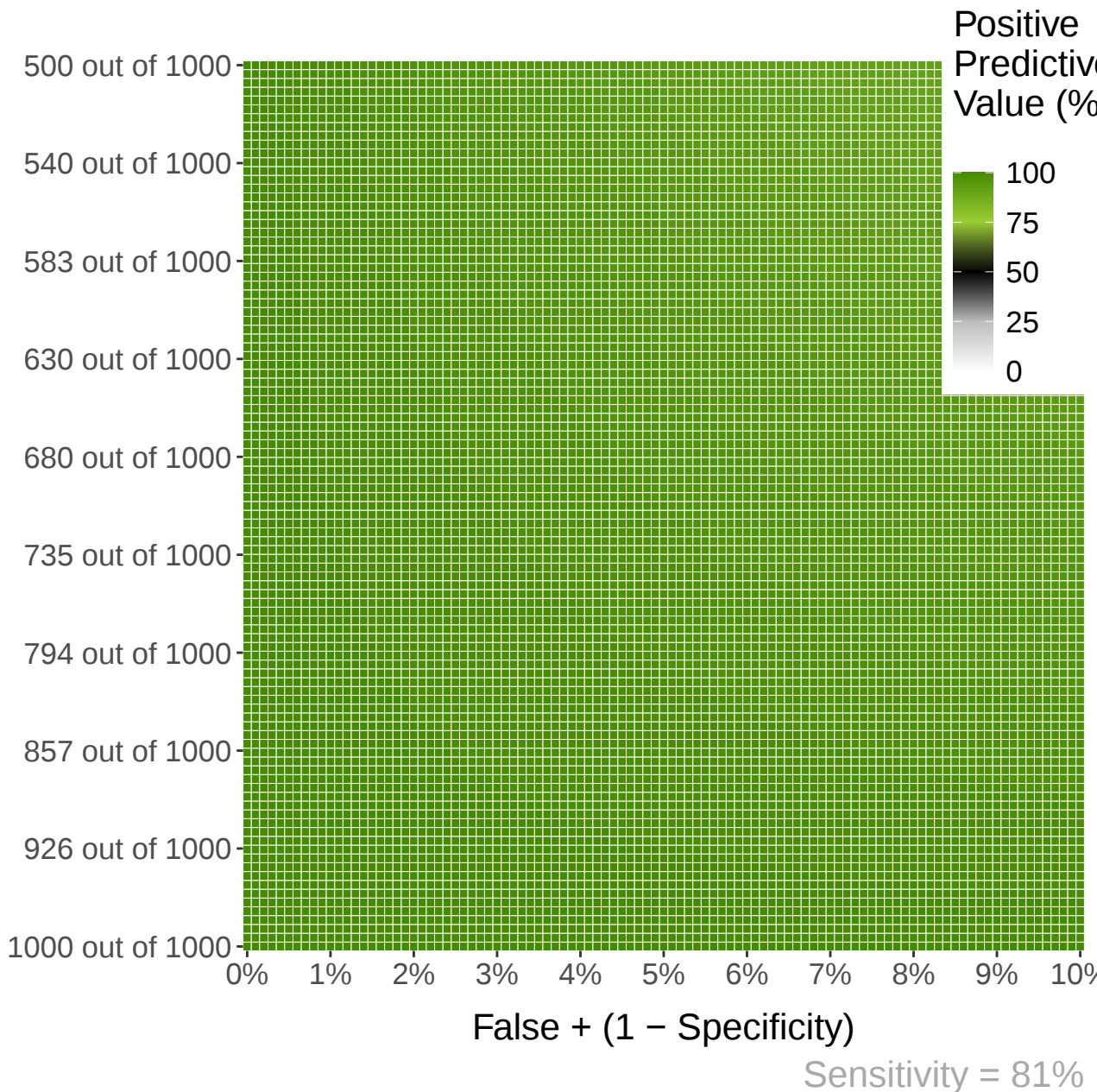
Positive
Predictive
Value (%)

100
75
50
25
0

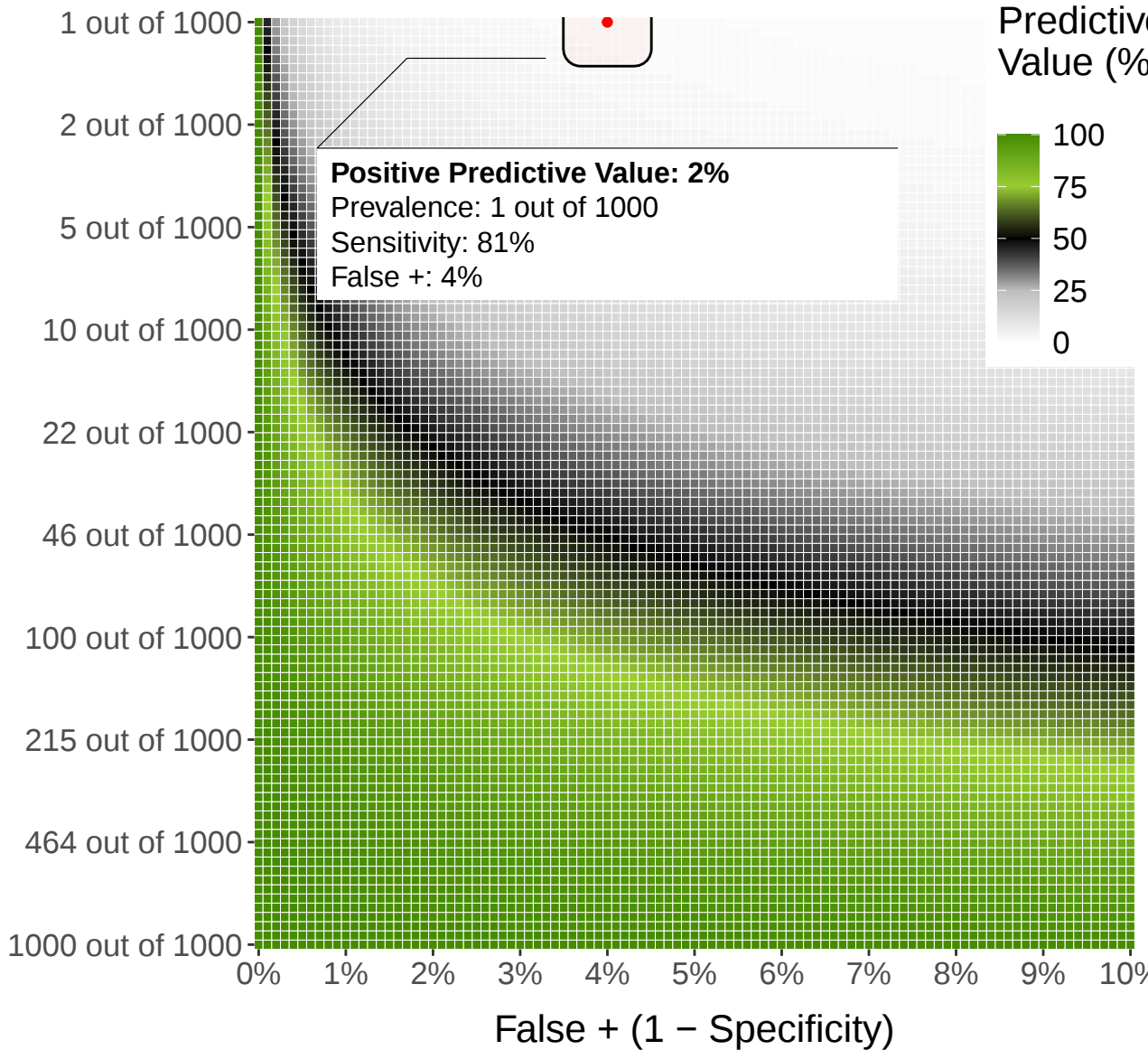
False + (1 - Specificity)

Sensitivity = 99%

Prevalence

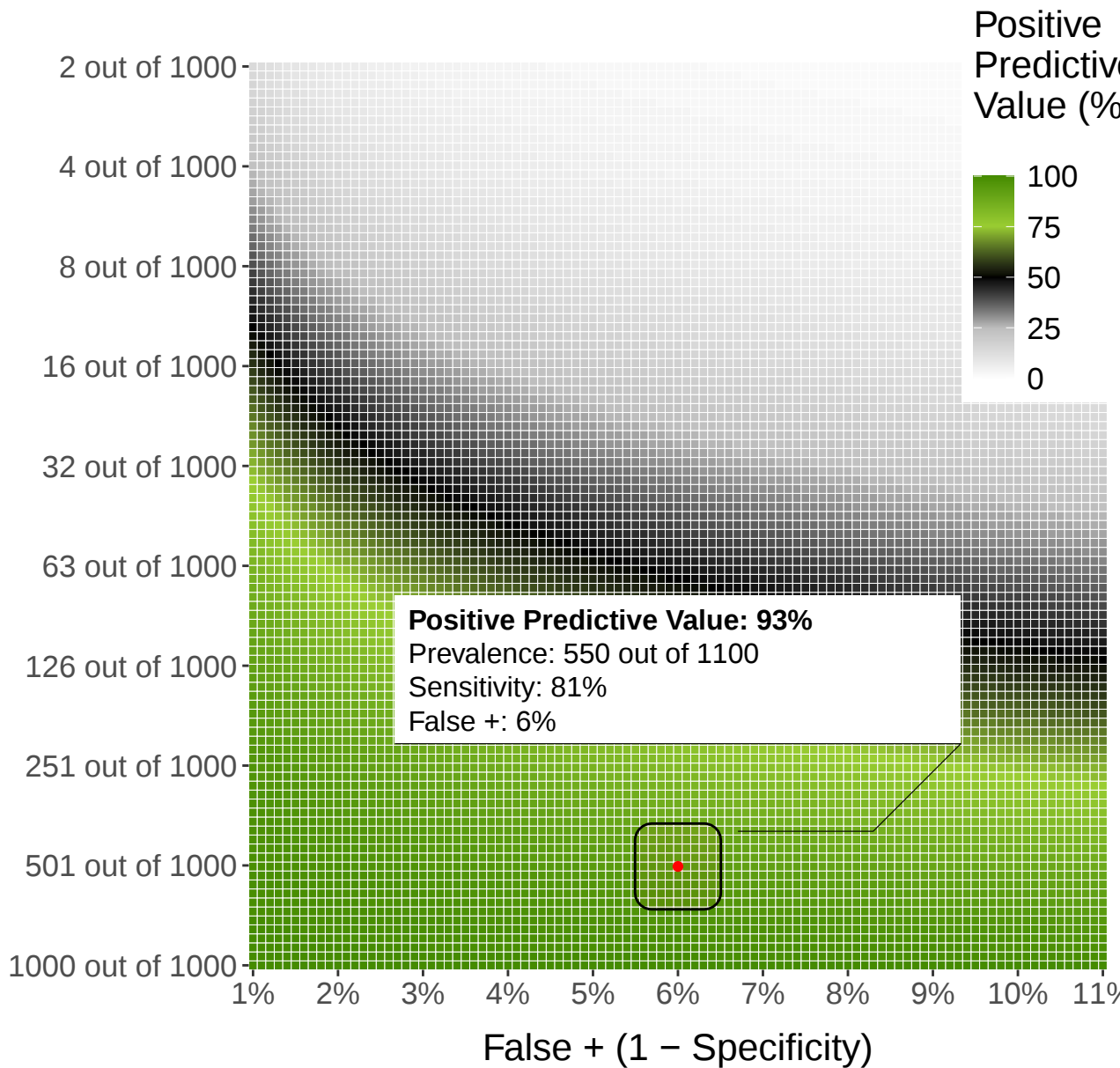


Prevalence



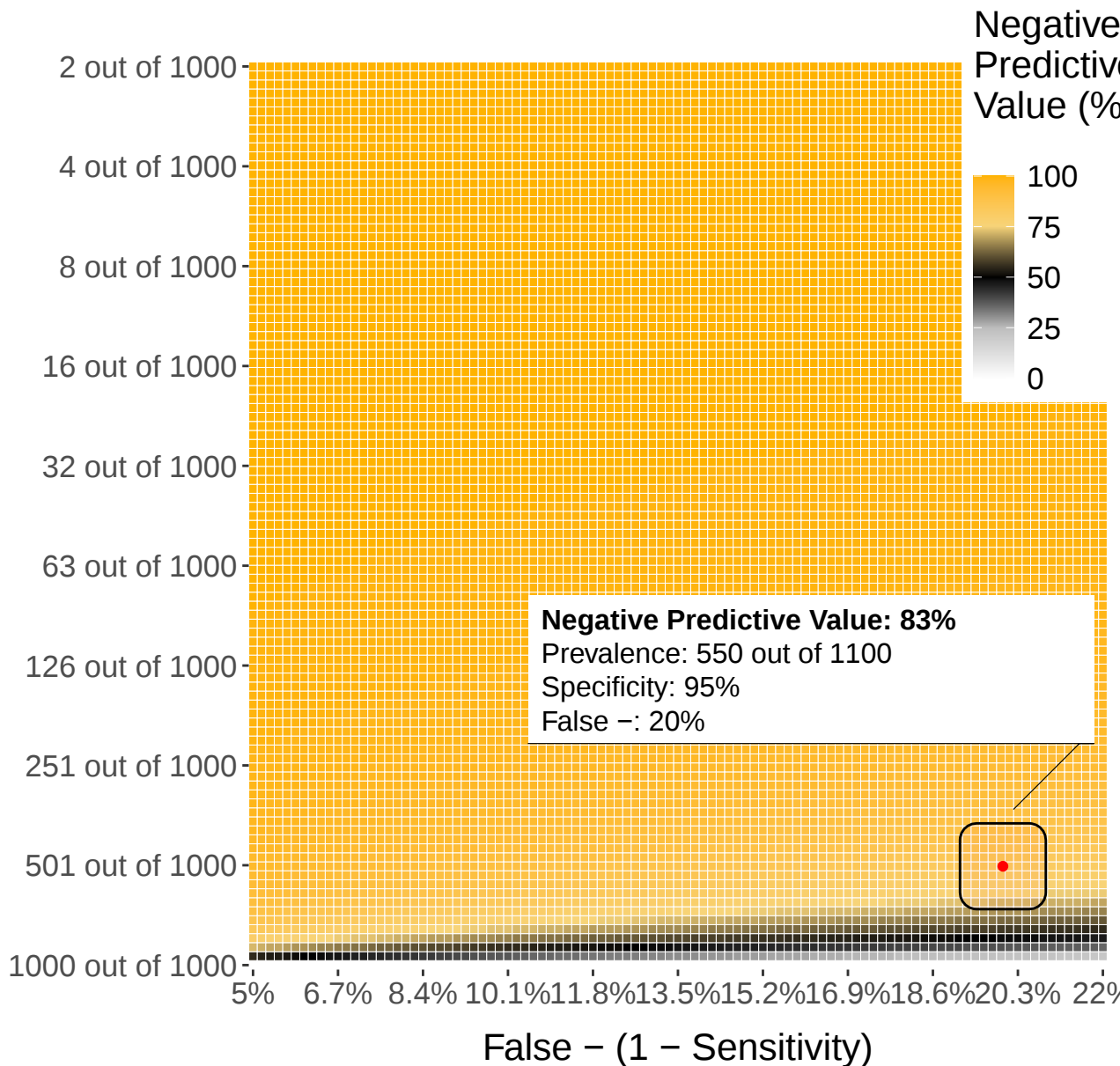
Sensitivity = 81%

Prevalence



Sensitivity = 81%

Prevalence



Negative
Predictive
Value (%)

100

75

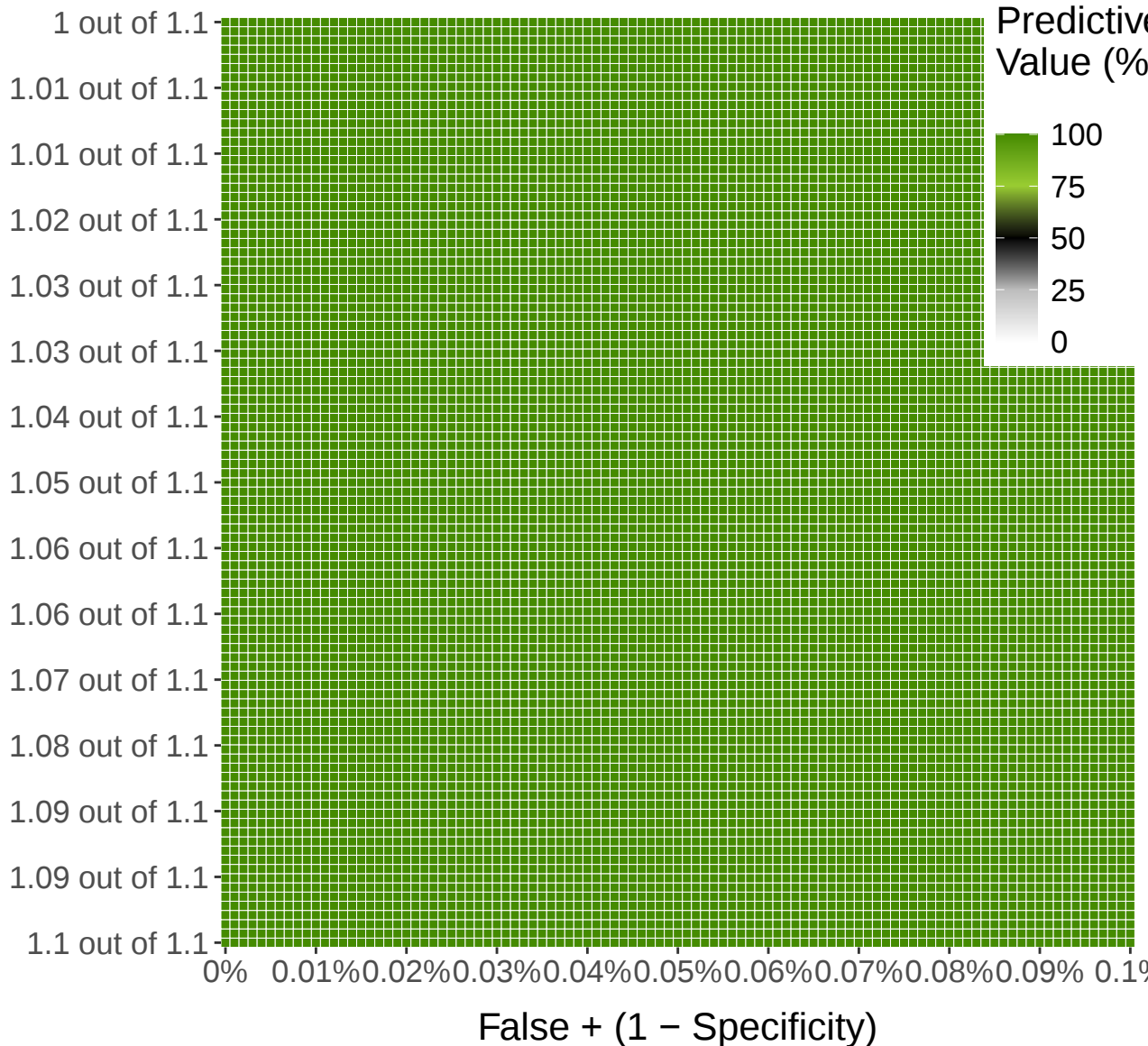
50

25

0

Specificity = 95%

Prevalence



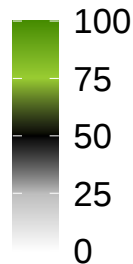
False + (1 - Specificity)

Sensitivity = 100%

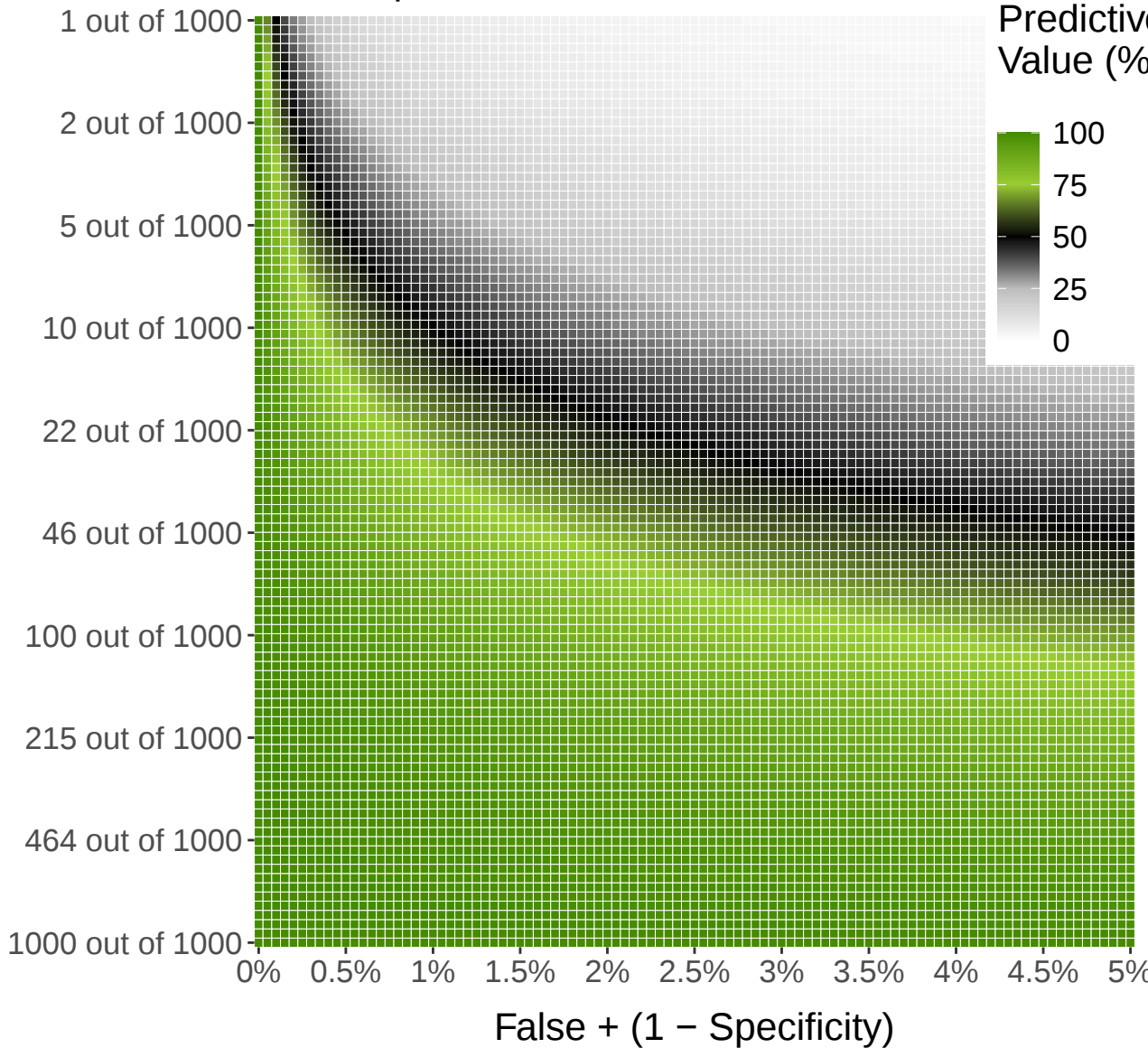
Title plot

Subtitle plot

Positive
Predictive
Value (%)



Prevalence



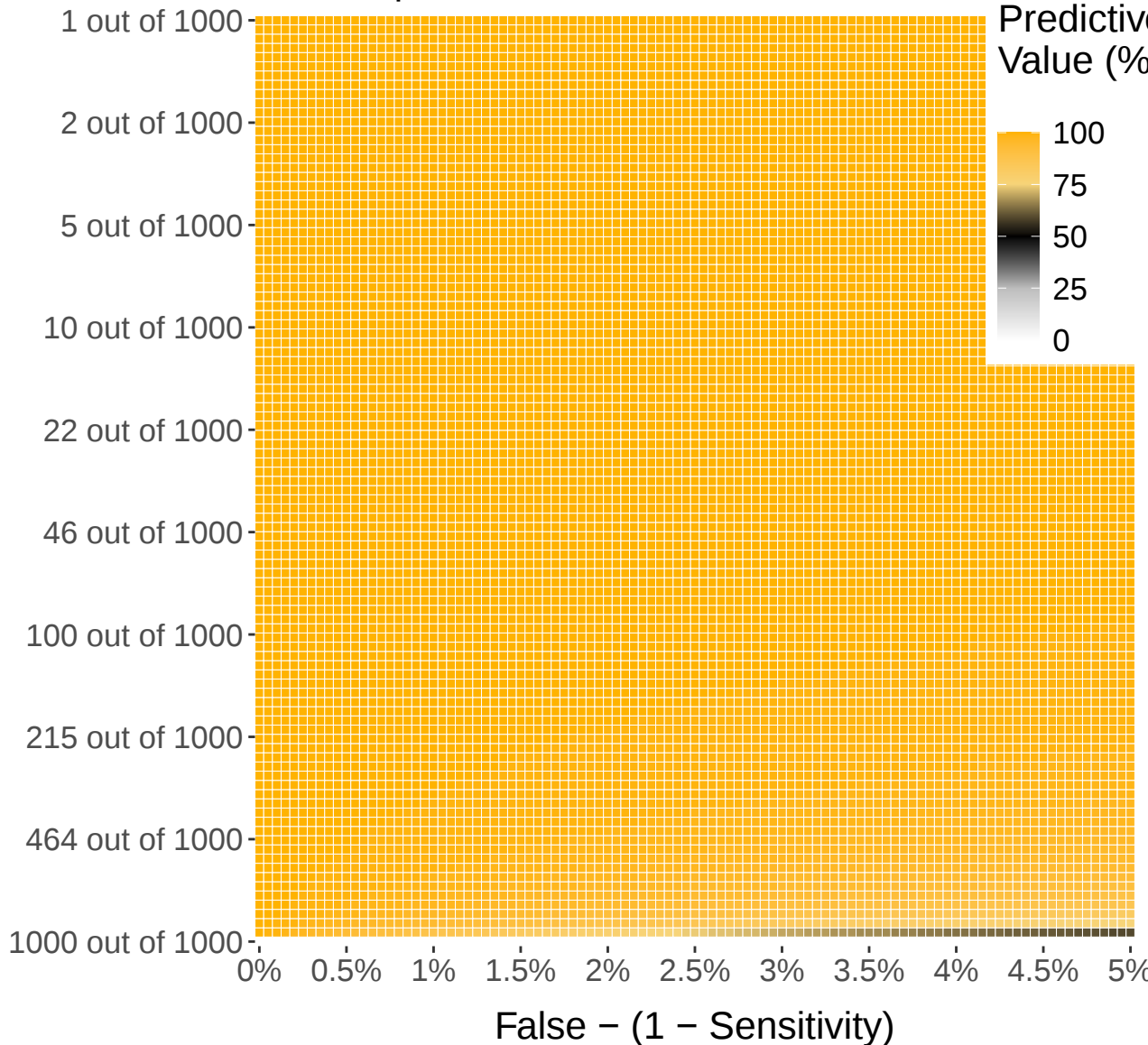
False + (1 - Specificity)

Sensitivity = 100%

Title plot

Subtitle plot

Prevalence



Negative
Predictive
Value (%)

100

75

50

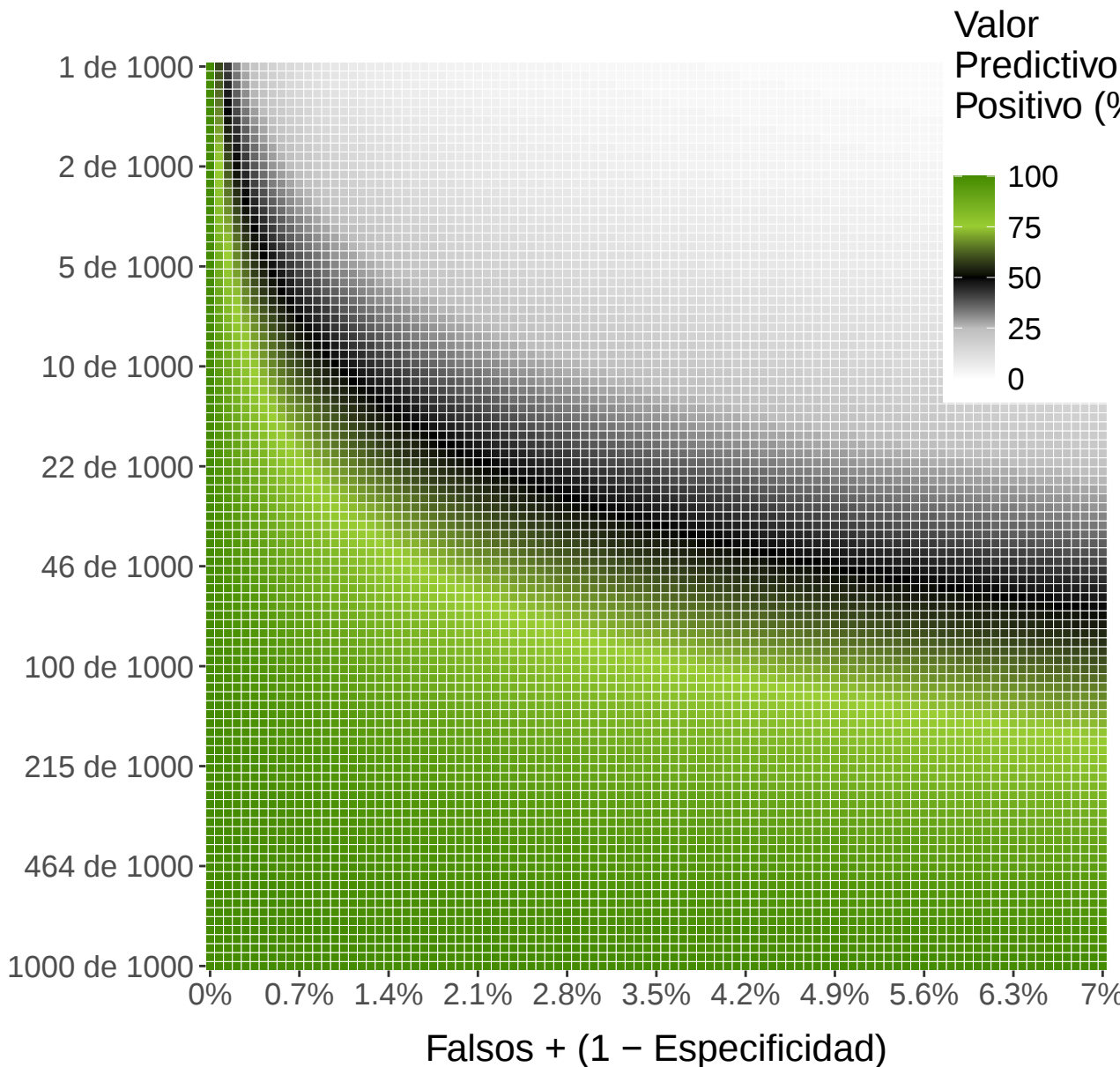
25

0

False - (1 - Sensitivity)

Specificity = 100%

Prevalencia

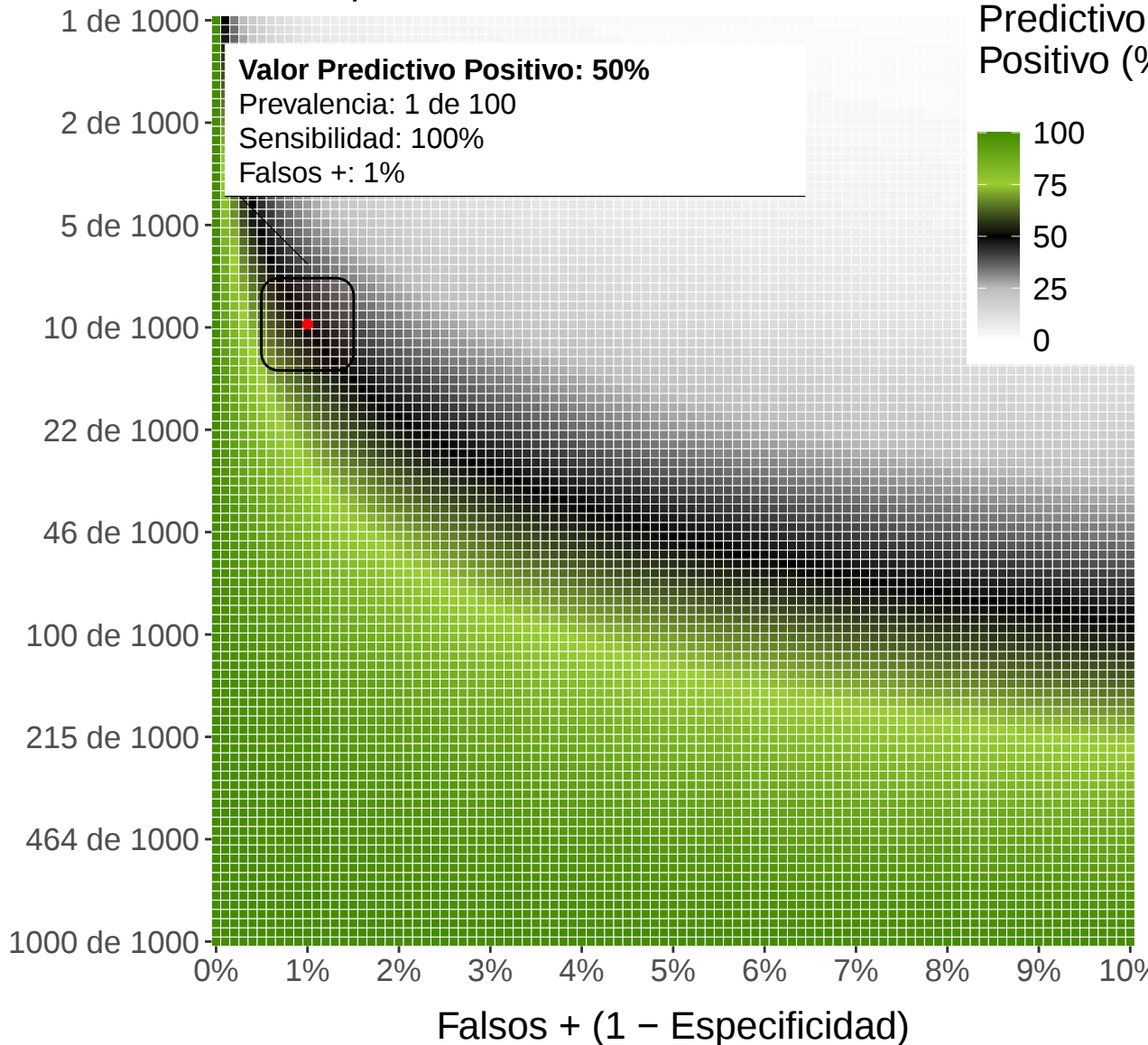


Sensibilidad = 100%

Title plot

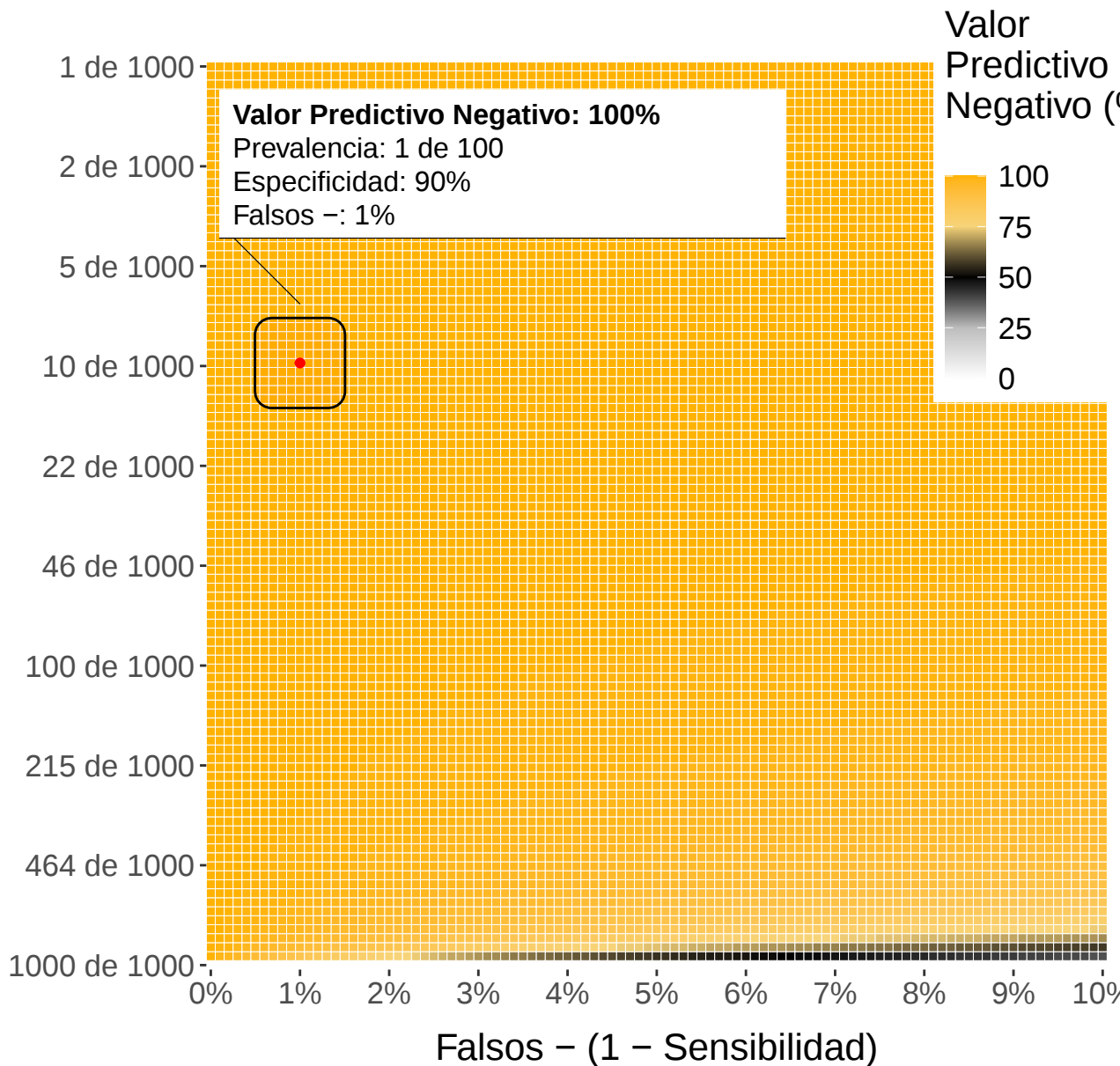
Subtitle plot

Prevalencia



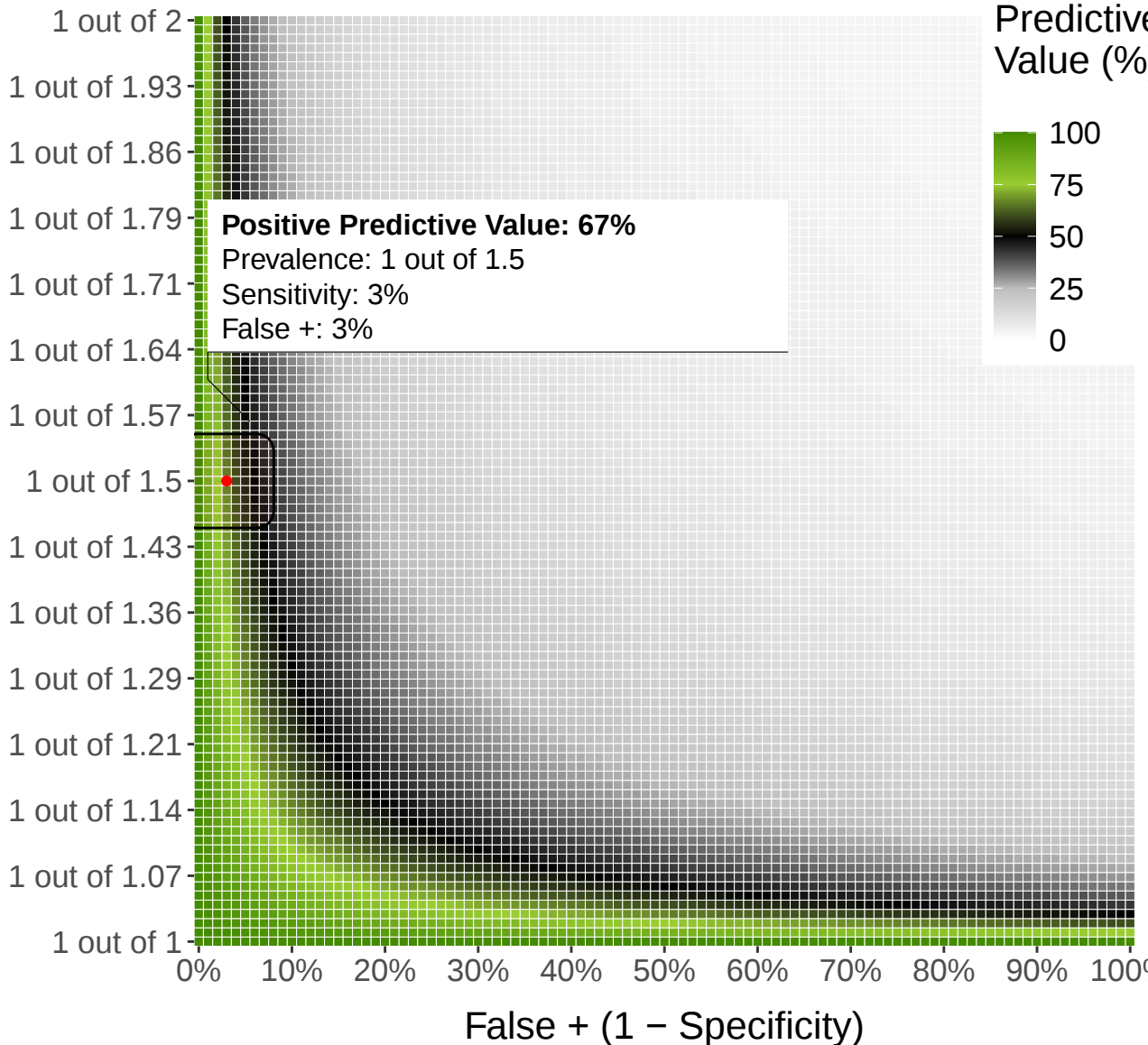
Sensibilidad = 100%

Prevalencia

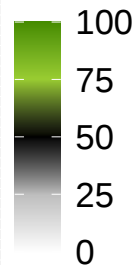


Especificidad = 90%

Prevalence



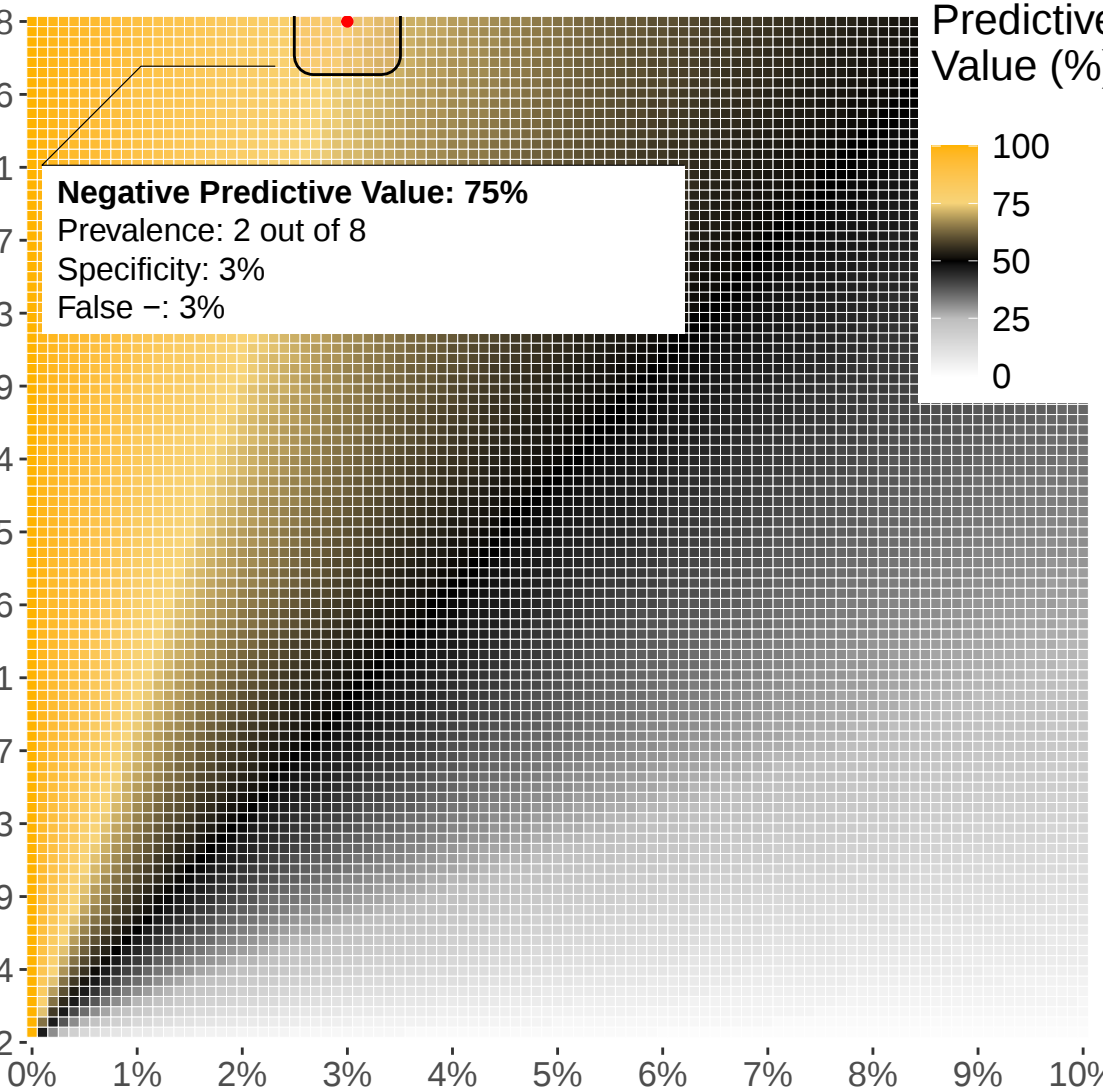
Positive
Predictive
Value (%)



Sensitivity = 3%

Prevalence

2 out of 8
2 out of 7.6
2 out of 7.1
2 out of 6.7
2 out of 6.3
2 out of 5.9
2 out of 5.4
2 out of 5
2 out of 4.6
2 out of 4.1
2 out of 3.7
2 out of 3.3
2 out of 2.9
2 out of 2.4
2 out of 2



Negative Predictive Value: 75%

Prevalence: 2 out of 8

Specificity: 3%

False -: 3%

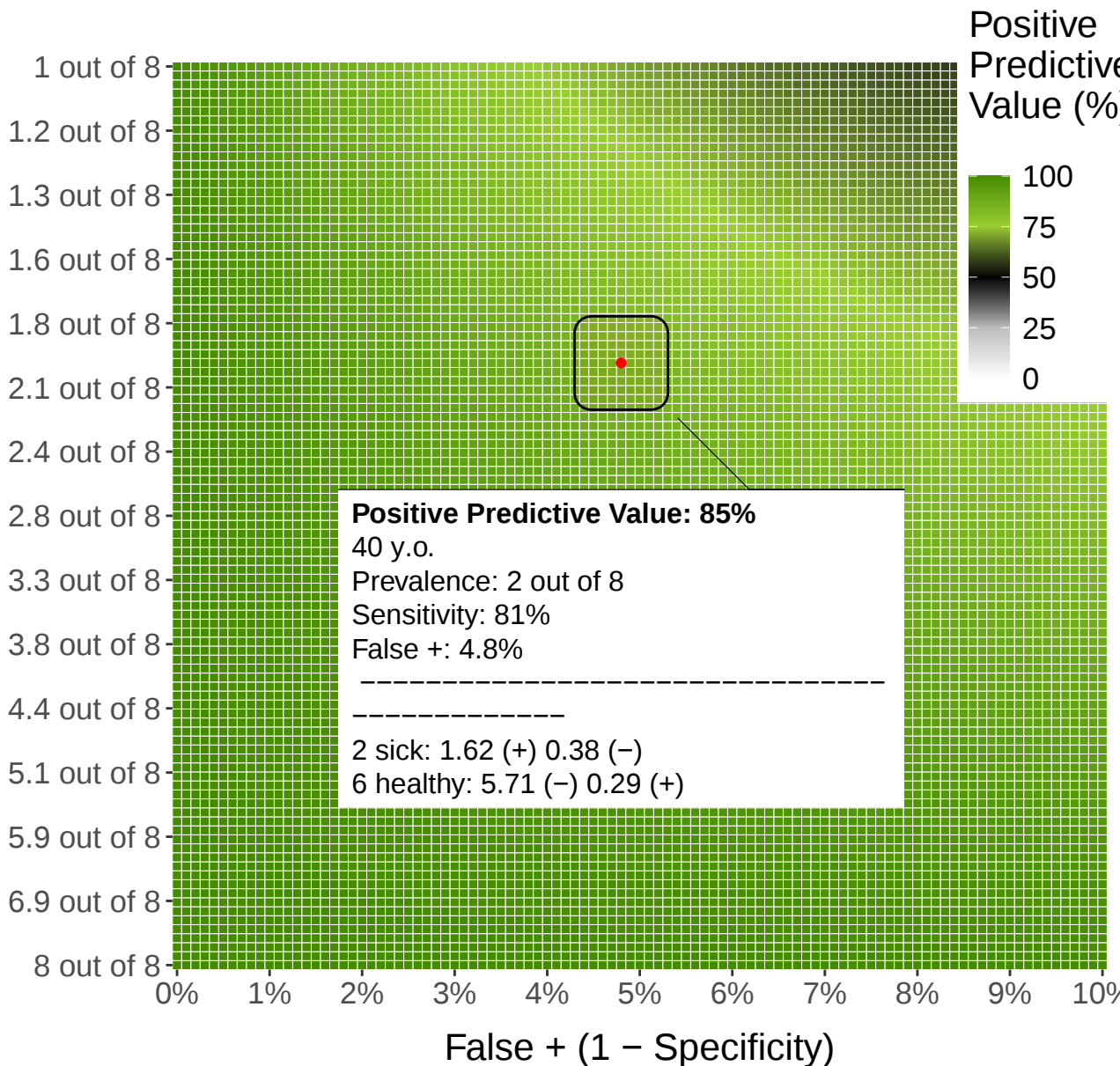
Negative
Predictive
Value (%)

100
75
50
25
0

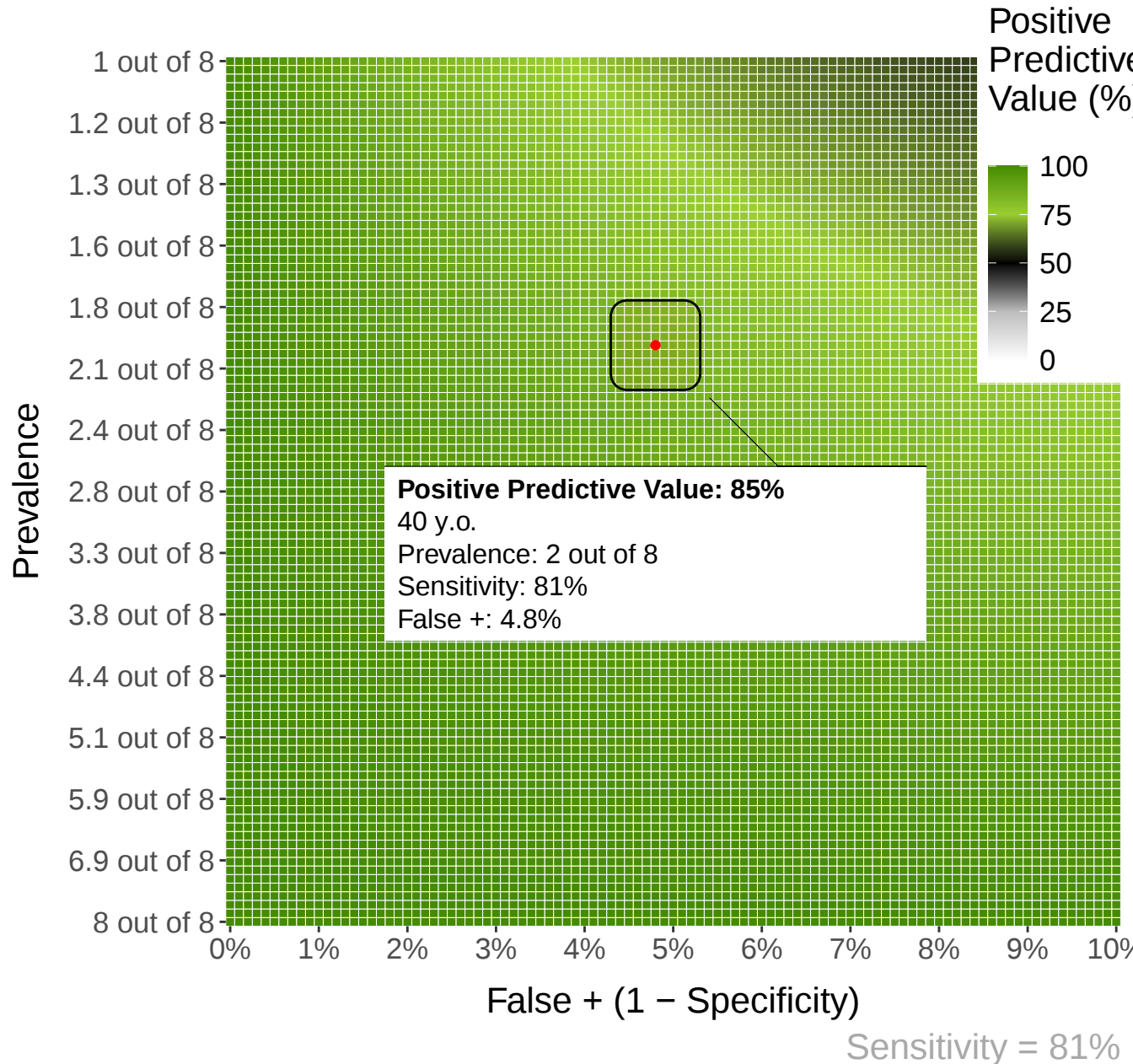
False - (1 - Sensitivity)

Specificity = 3%

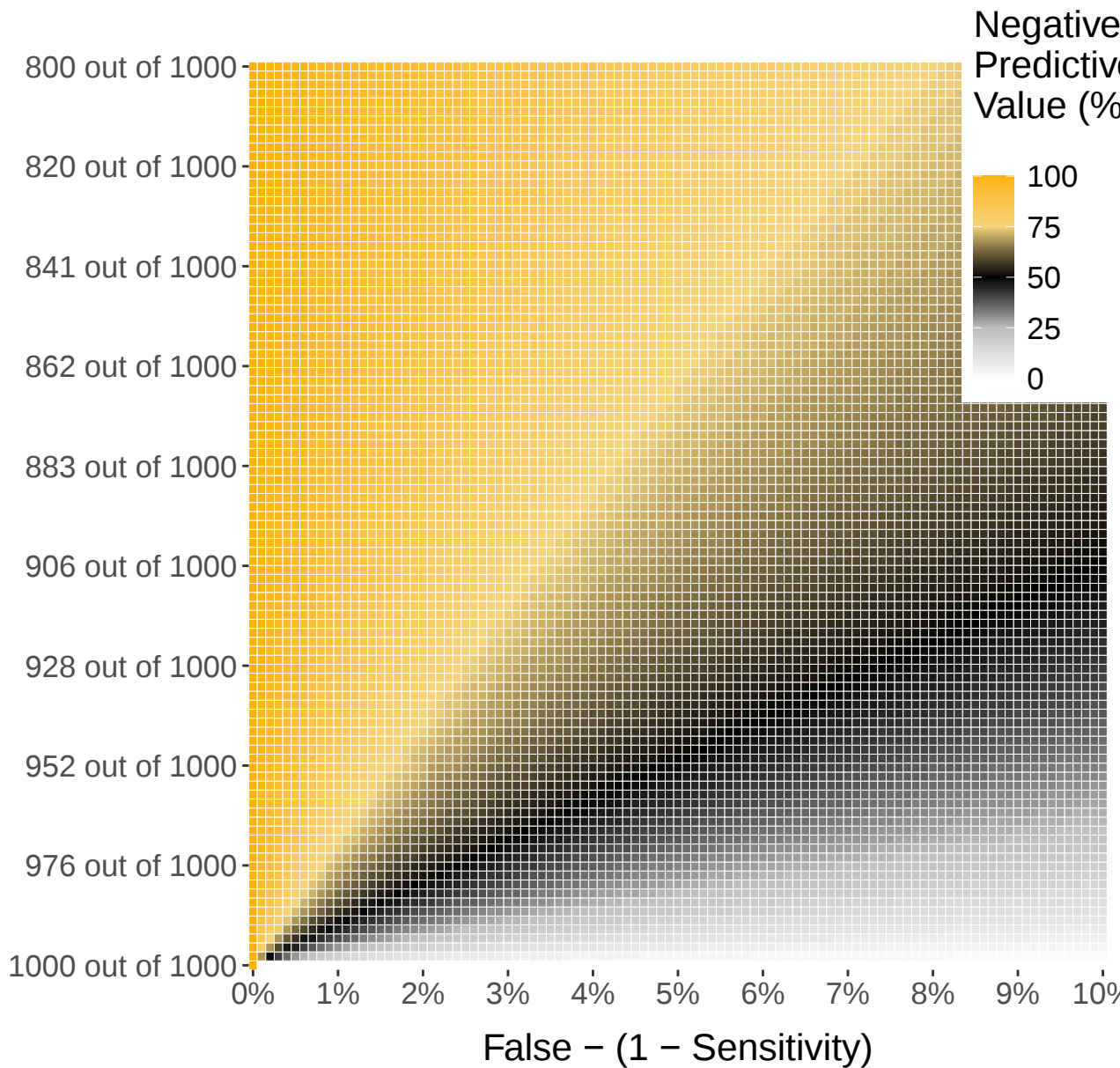
Prevalence



Sensitivity = 81%



Prevalence



Negative
Predictive
Value (%)

100

75

50

25

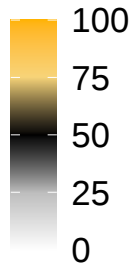
0

False - (1 - Sensitivity)

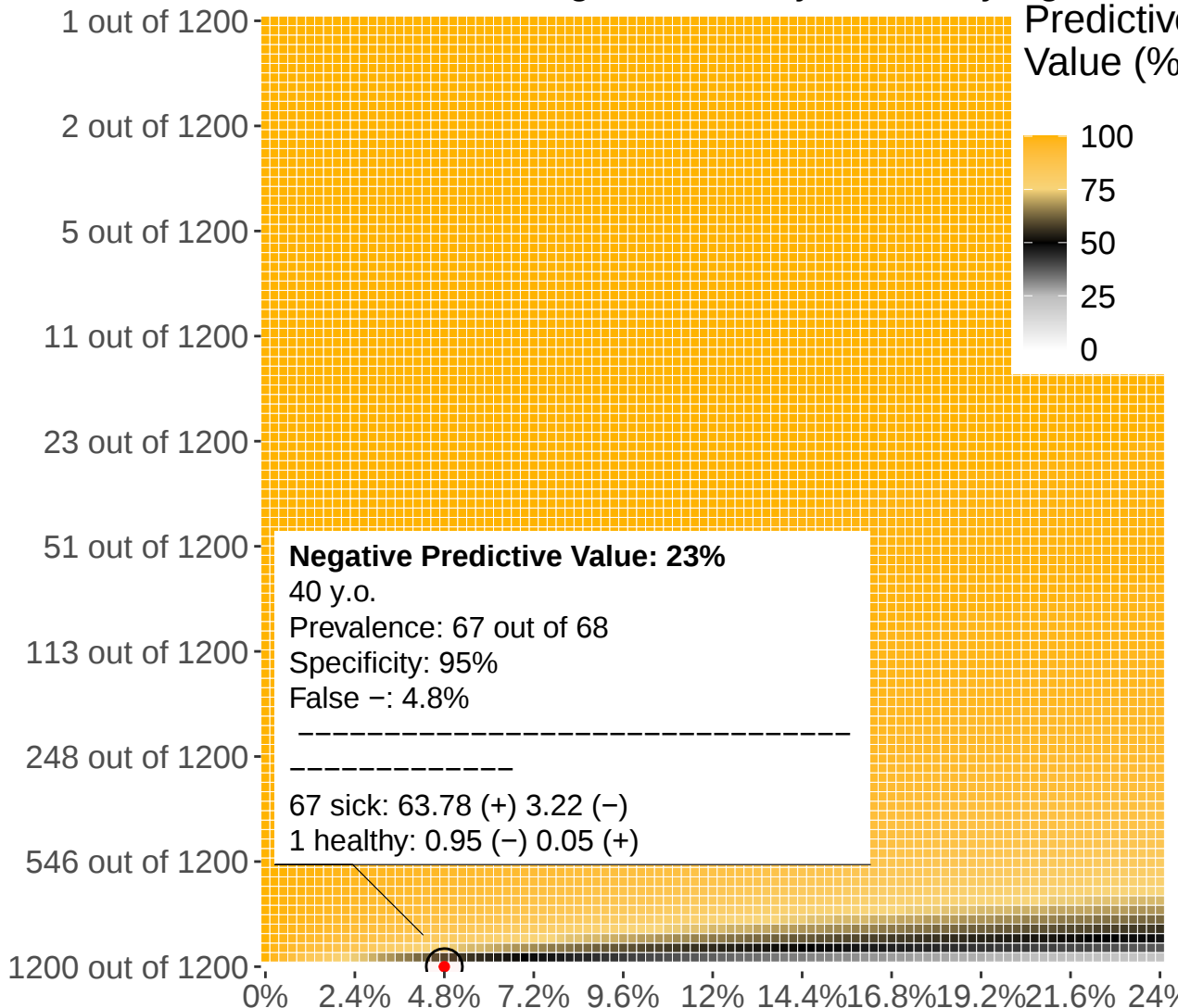
Specificity = 95%

Prenatal screening for Down Syndrome by Age

Negative Predictive Value (%)



Prevalence



Negative Predictive Value: 23%

40 y.o.

Prevalence: 67 out of 68

Specificity: 95%

False -: 4.8%

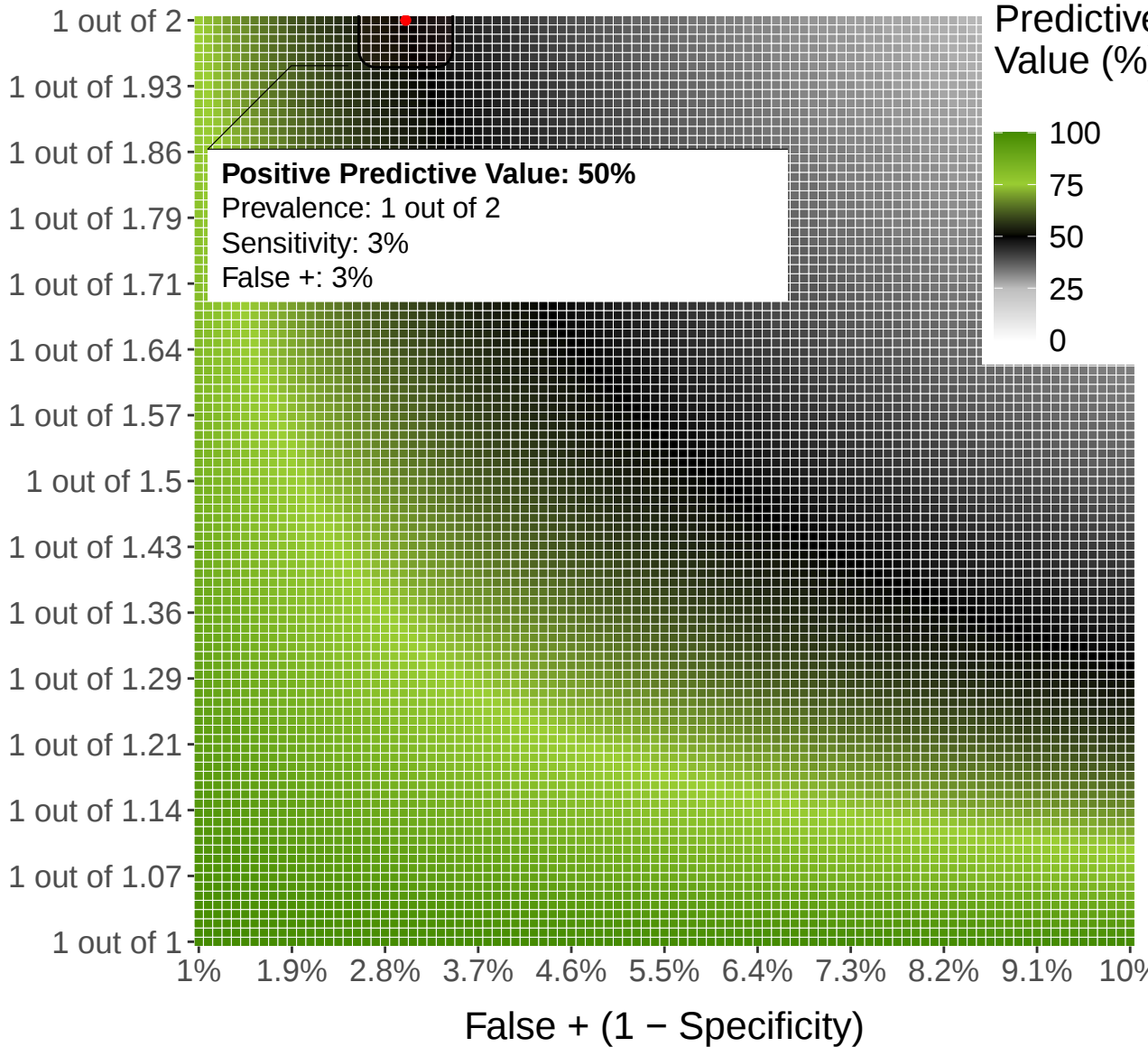
67 sick: 63.78 (+) 3.22 (-)

1 healthy: 0.95 (-) 0.05 (+)

False - (1 - Sensitivity)

Specificity = 95%

Prevalence

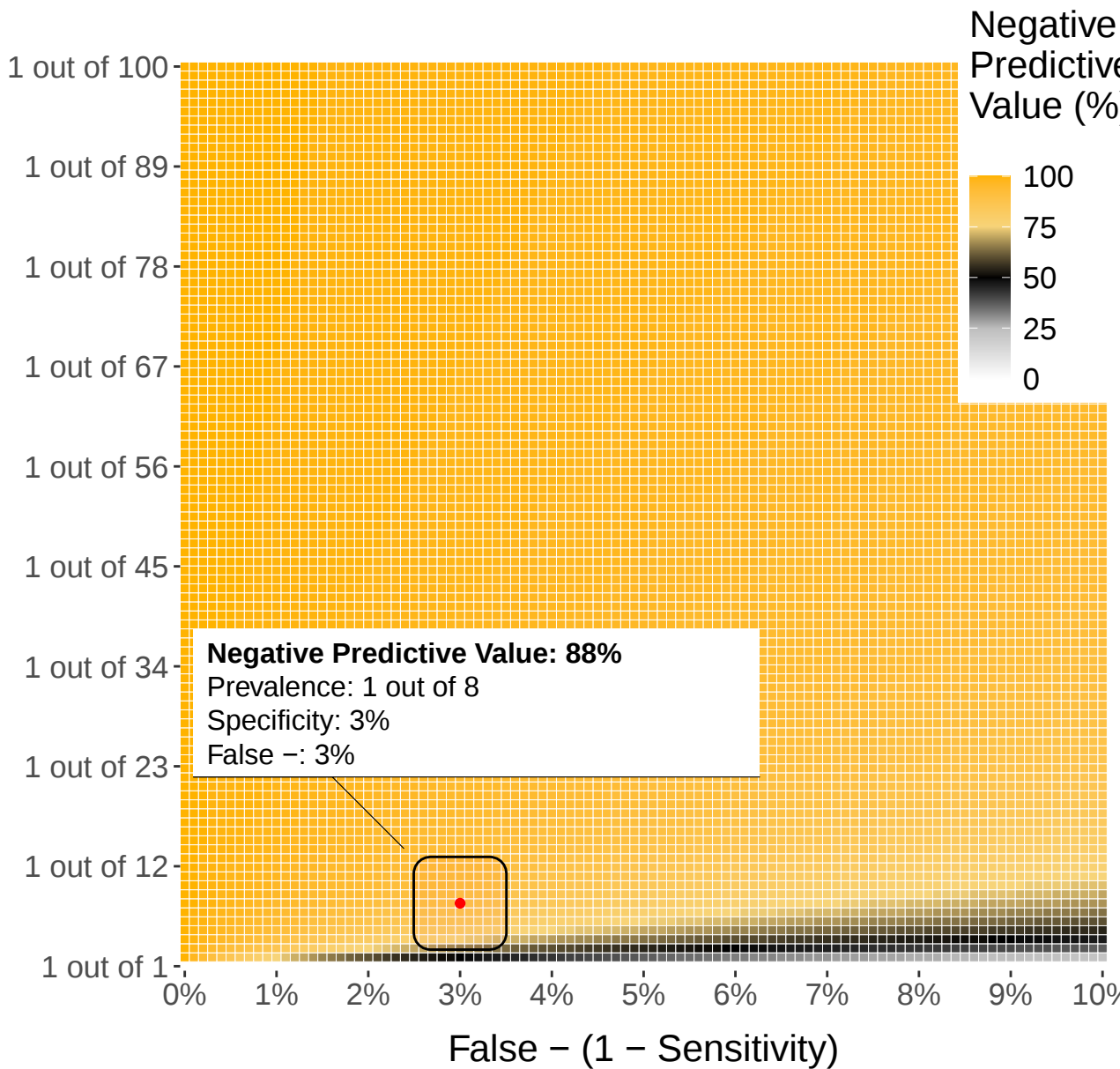


Positive
Predictive
Value (%)

100
75
50
25
0

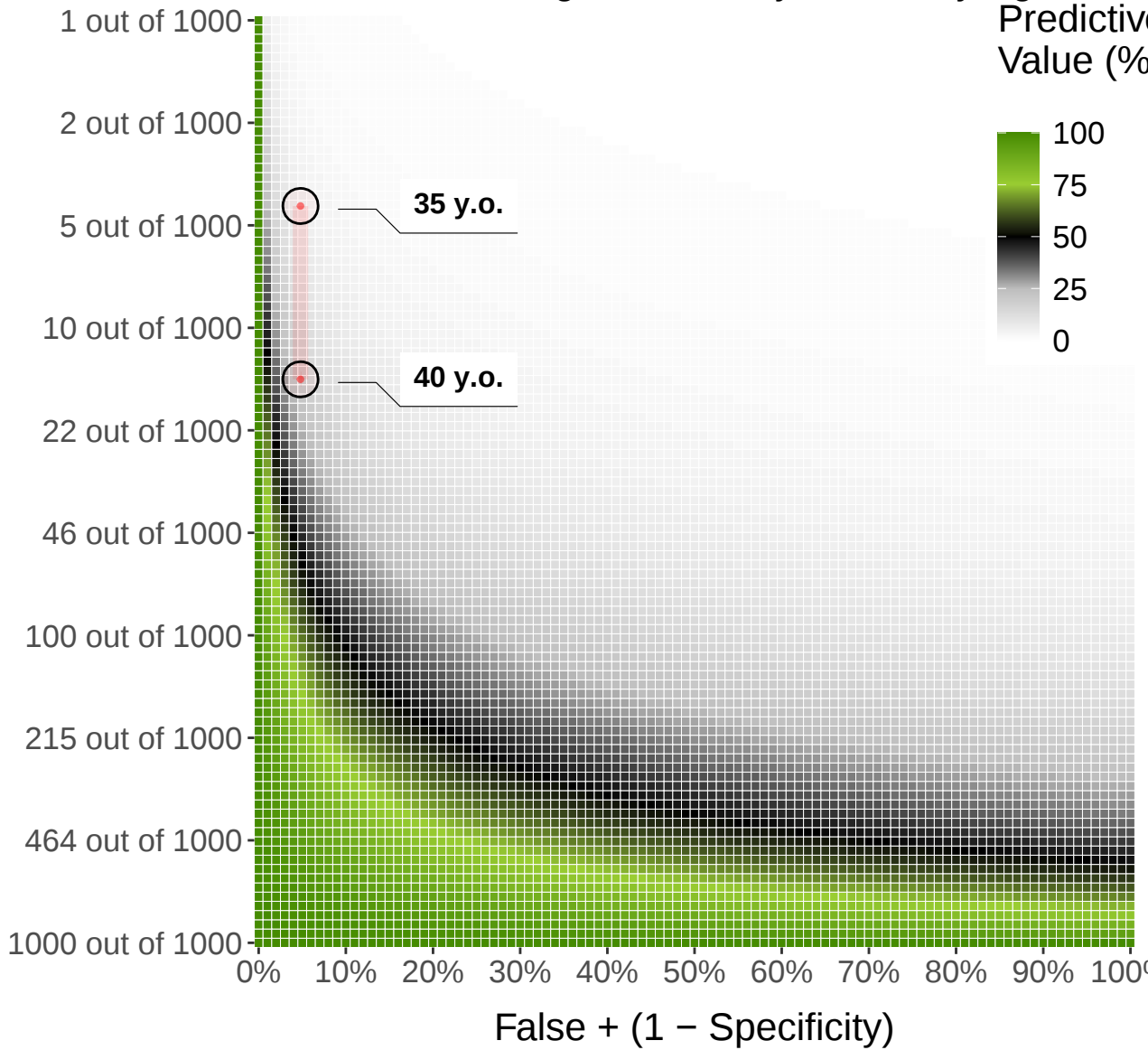
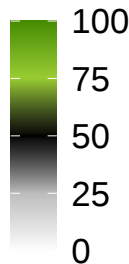
Sensitivity = 3%

Prevalence

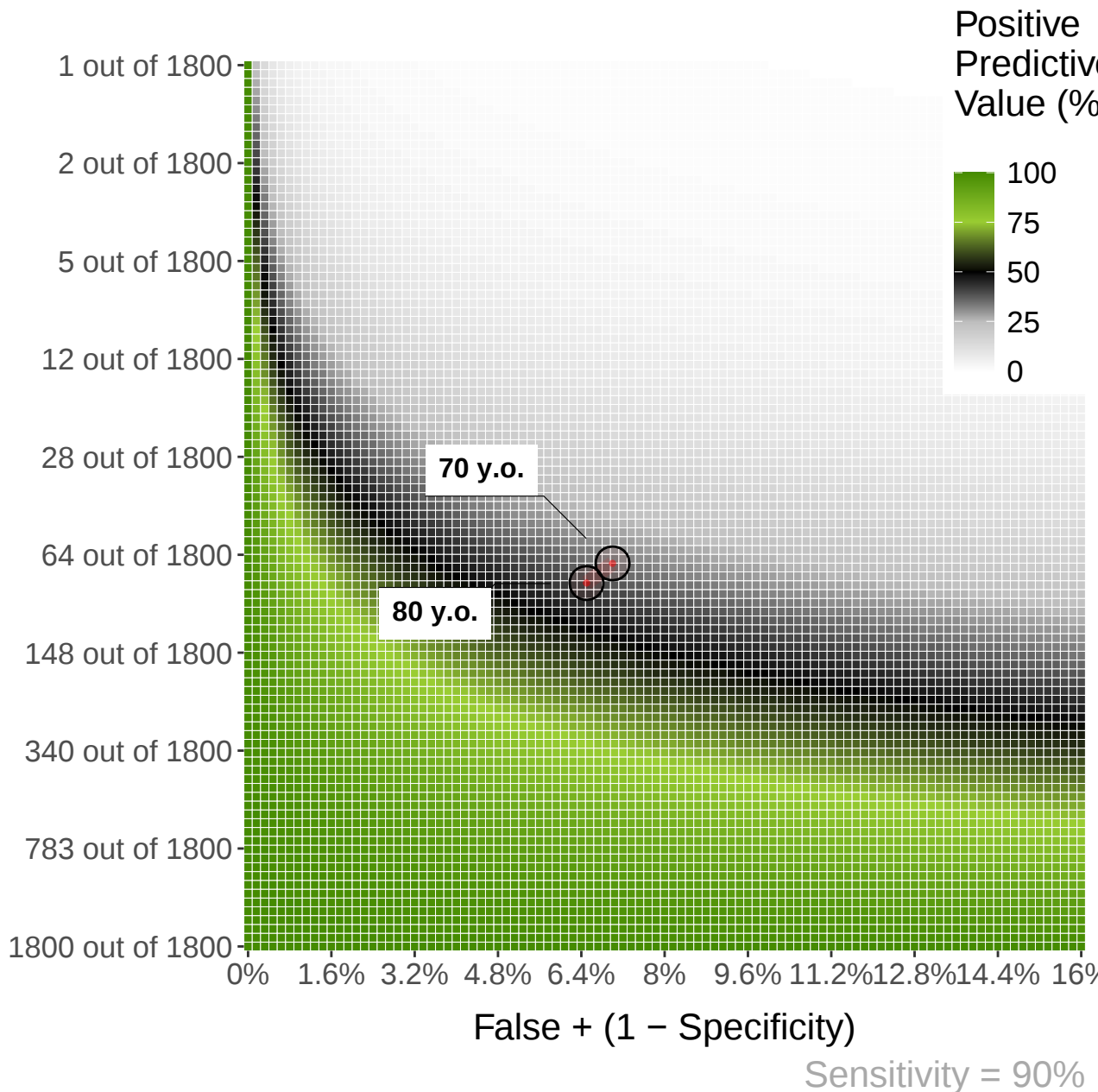


Specificity = 3%

Prenatal screening for Down Syndrome by Age



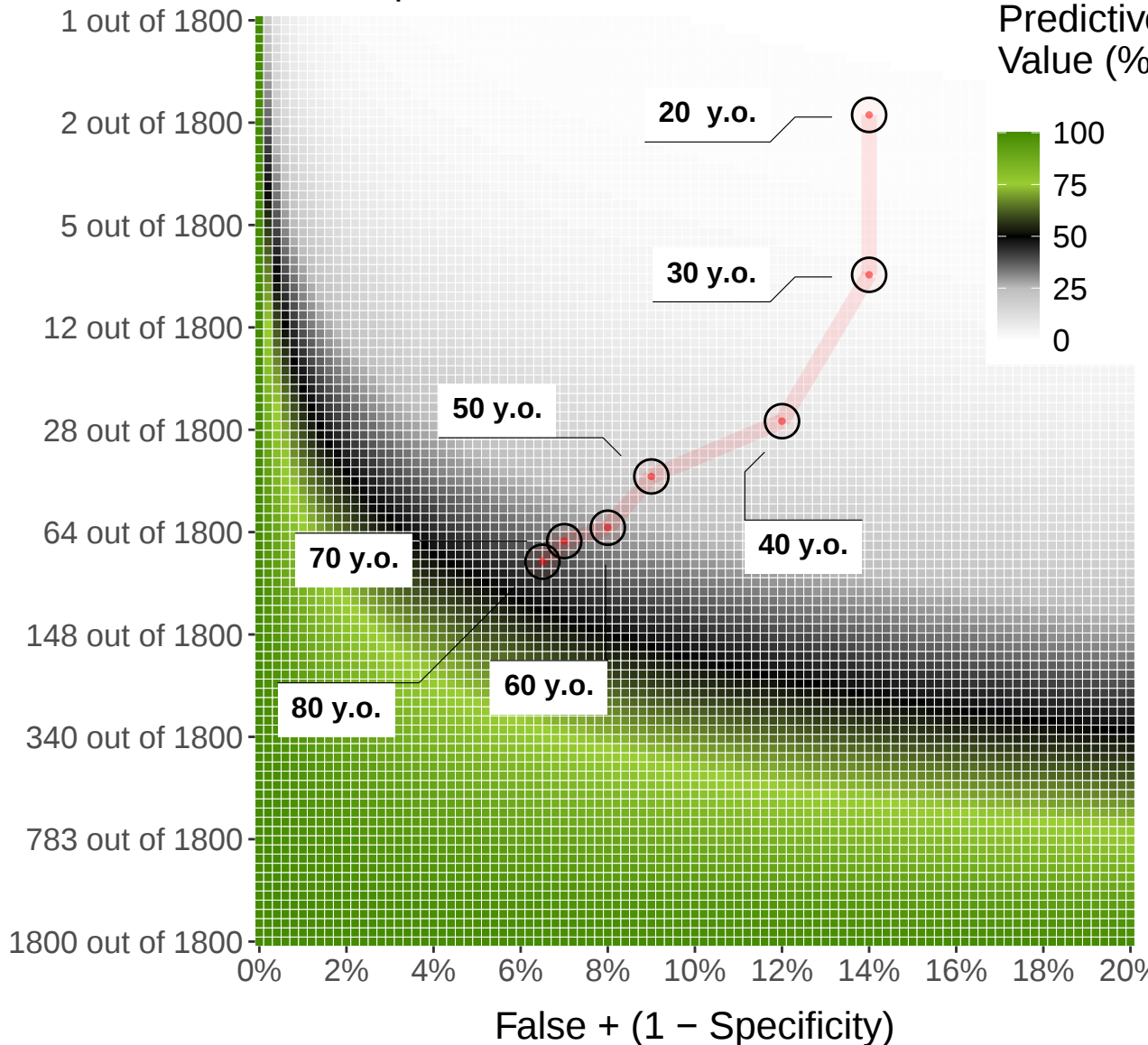
Prevalence



Title plot

Subtitle plot

Prevalence



Positive
Predictive
Value (%)

100

75

50

25

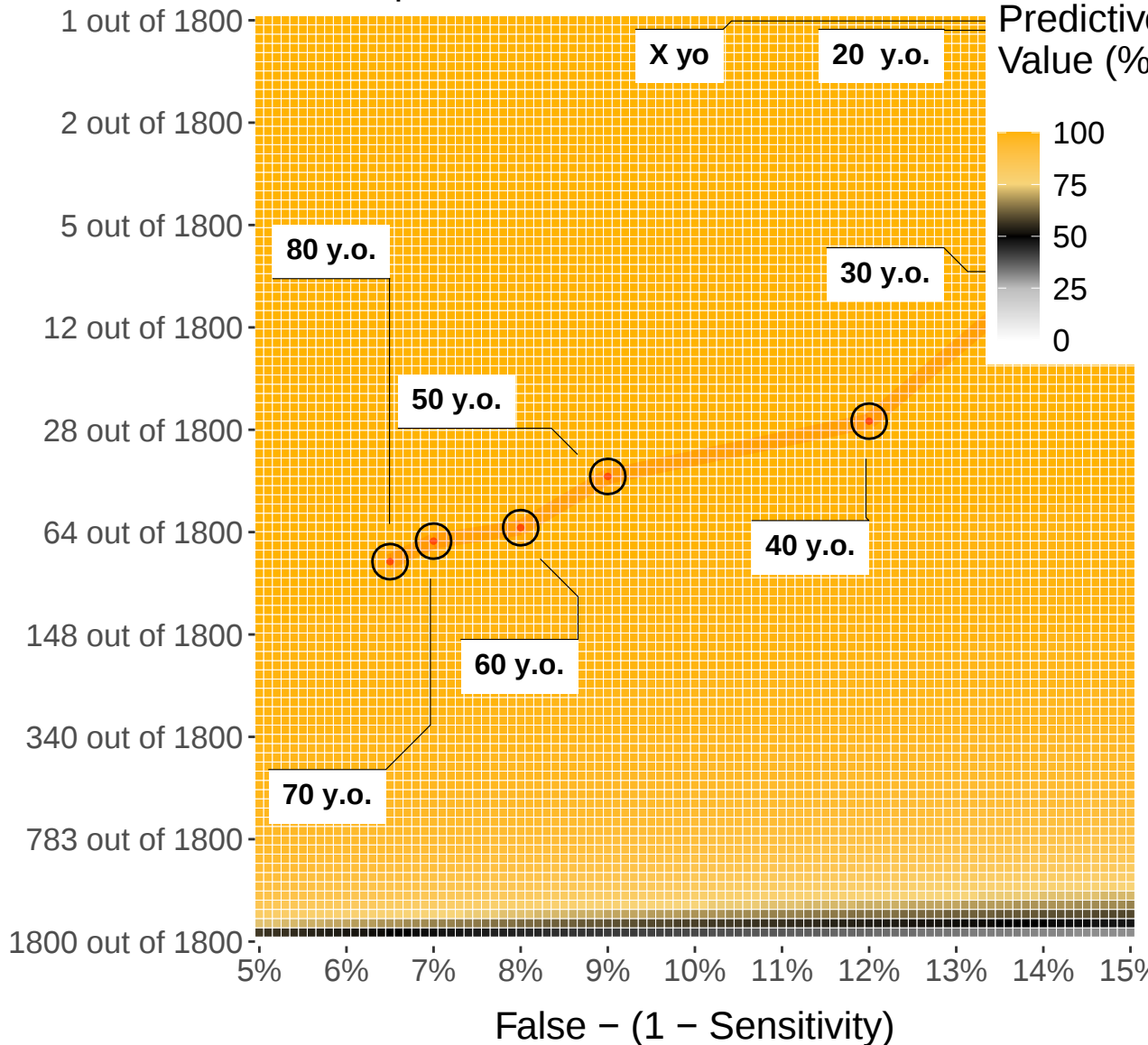
0

Sensitivity = 90%

Title plot

Subtitle plot

Prevalence



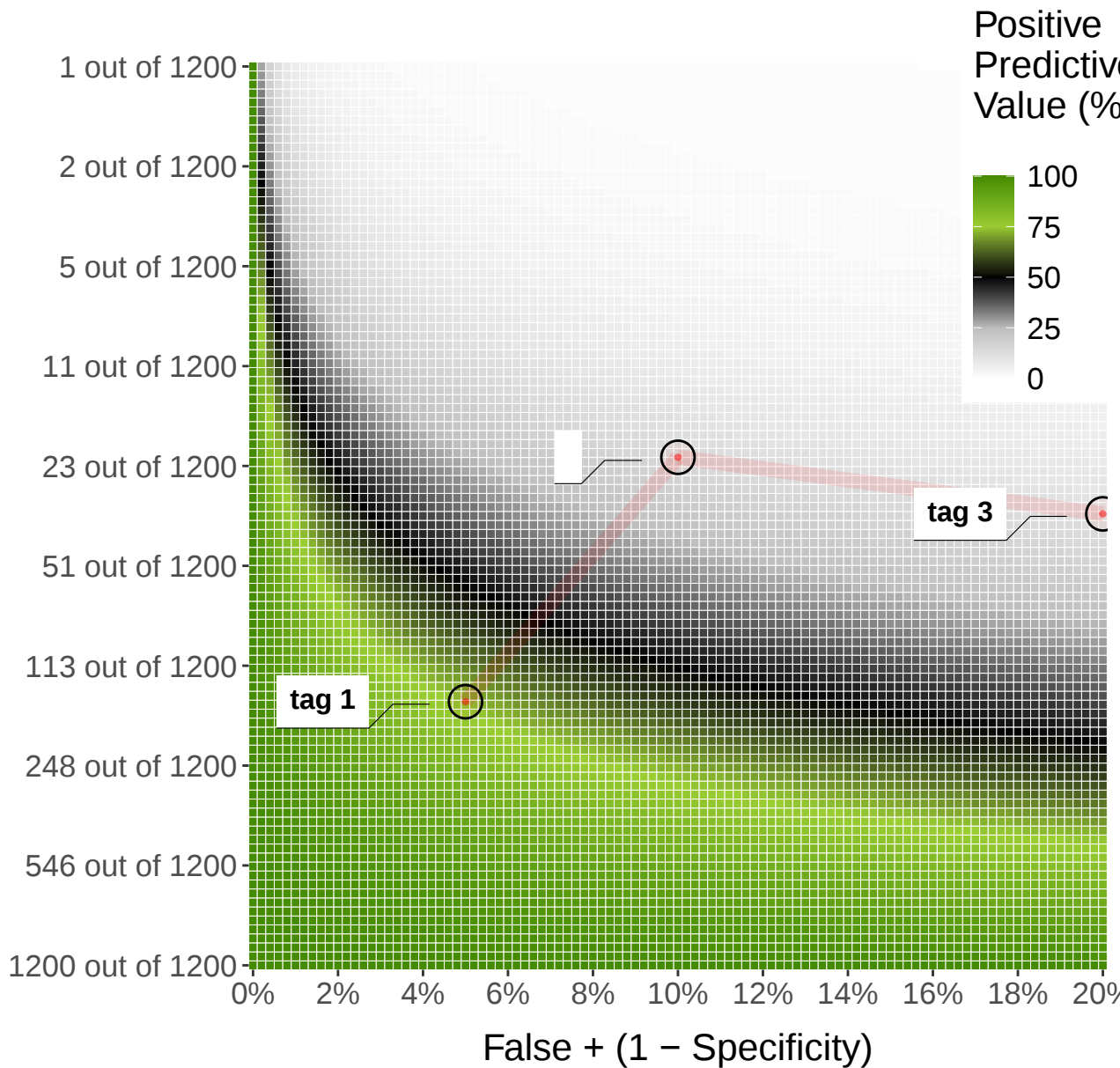
Negative
Predictive
Value (%)

100
75
50
25
0

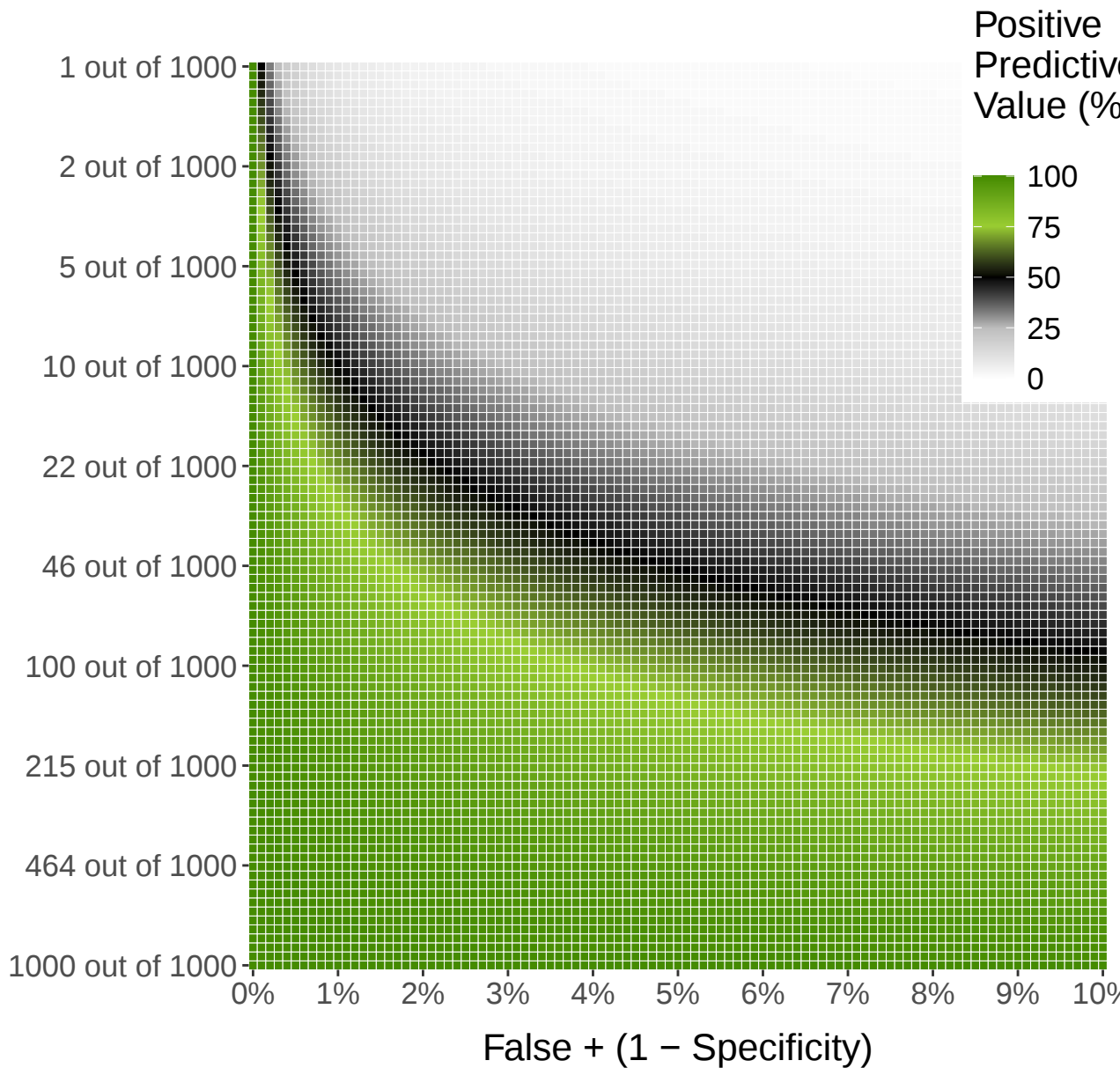
False - (1 - Sensitivity)

Specificity = 85%

Prevalence



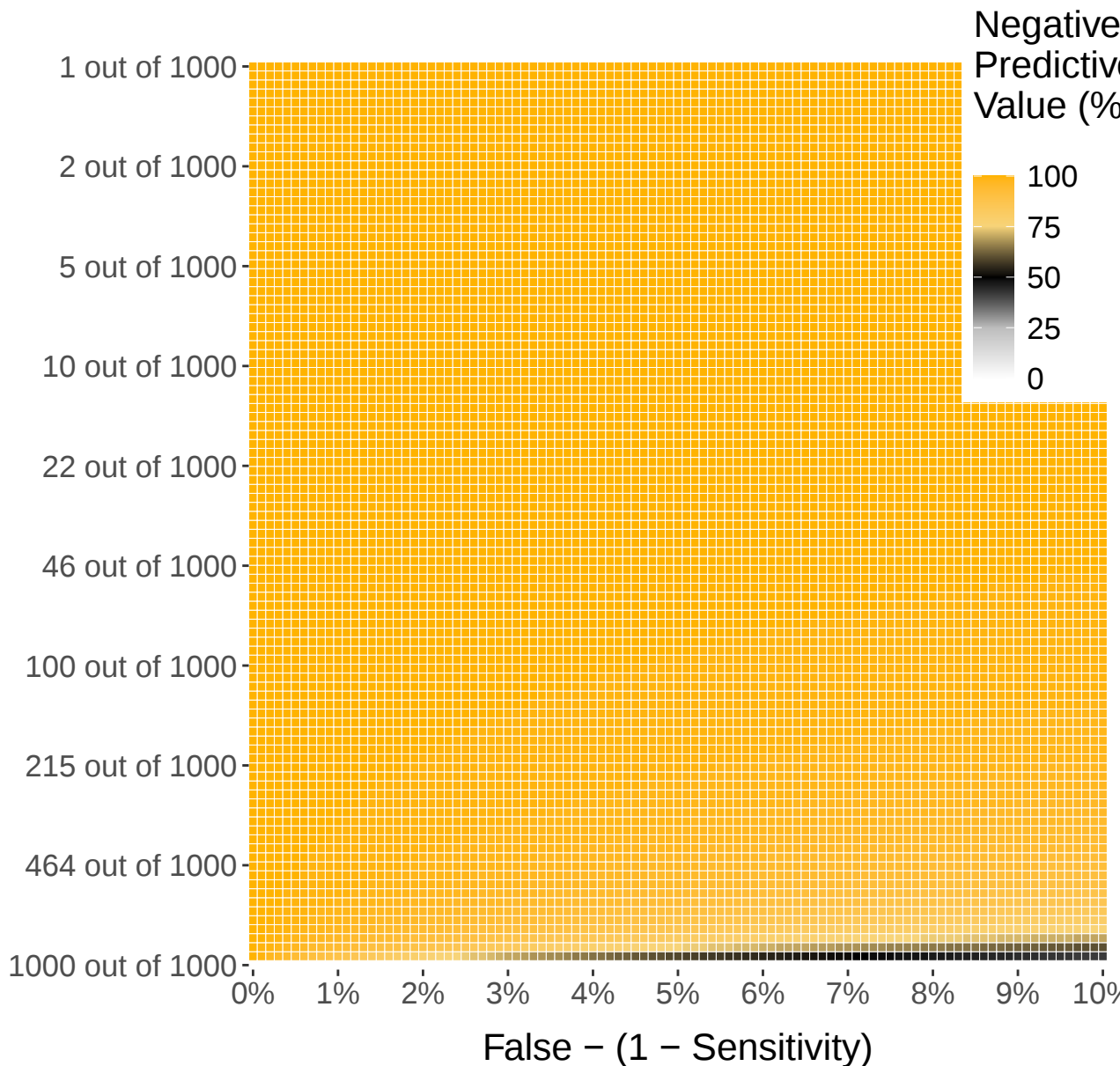
Prevalence



False + (1 - Specificity)

Sensitivity = 100%

Prevalence



Negative
Predictive
Value (%)

100

75

50

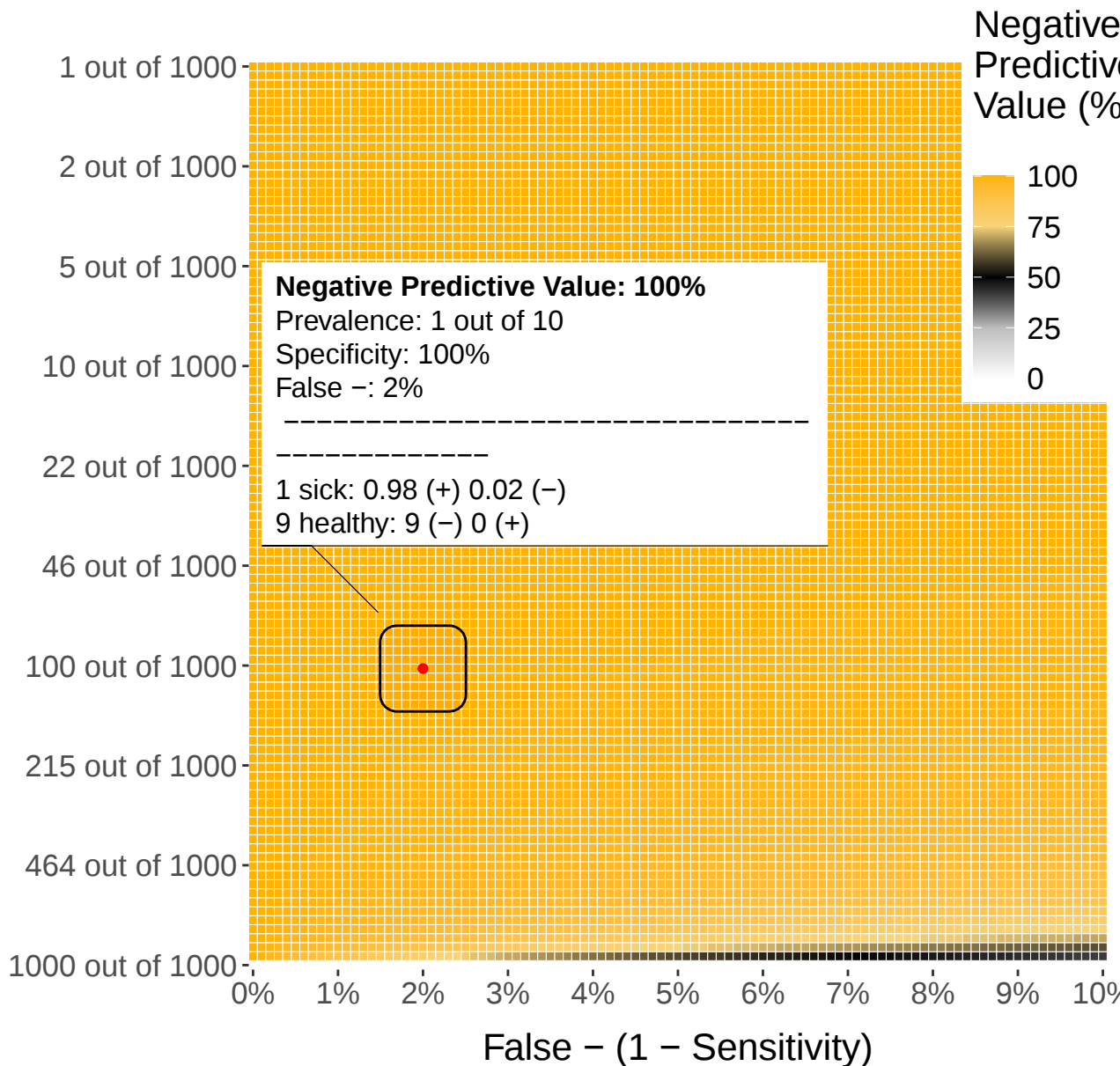
25

0

False - (1 - Sensitivity)

Specificity = 100%

Prevalence



Specificity = 100%