

Negative Predictive Value

Positive Predictive Value

at prevalence 3 at prevalence 2 at prevalence 1

at prevalence 1 at prevalence 2 at prevalence 3

100%

73%

99%

94%

97%

Cut-off 2

79%

83%

74%

79%

Cut-off 3

100%

If cut-off decreases → NPV↑ and PPV↓
If cut-off increases → NPV↓ and PPV↑

At the same cut-off:
If positives ↑ (↑ disease prevalence), PPV↑ and NPV↓
If positives ↓ (↓ disease prevalence), PPV↓ and NPV↑

