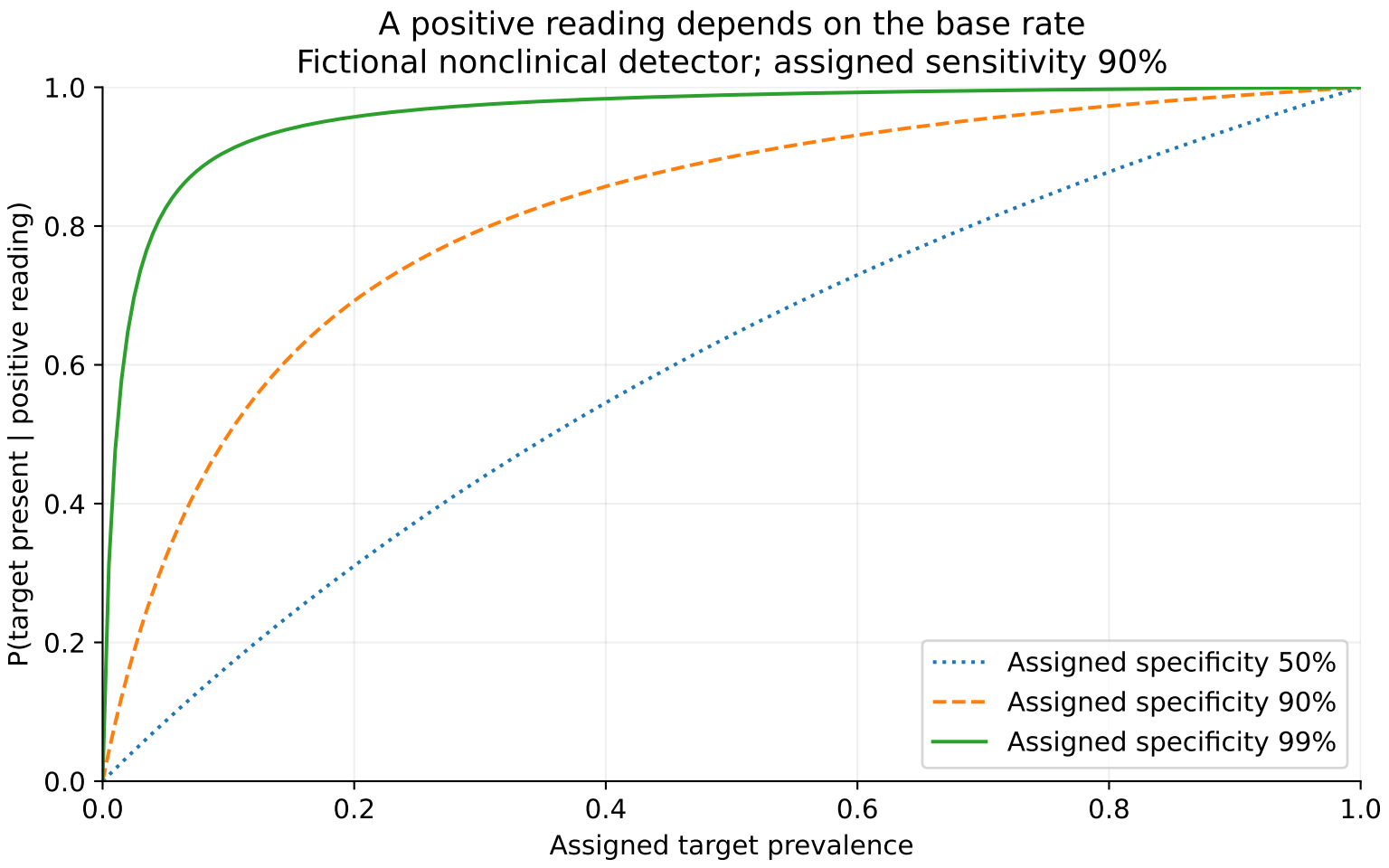

A positive reading depends on the base rate
Fictional nonclinical detector; assigned sensitivity 90%
P(target present | positive reading)
Assigned target prevalence
0.0
0.2
0.4
0.6
0.8
1.0
Assigned specificity 50%
Assigned specificity 90%
Assigned specificity 99%