

Ground Truth

Model

Normal	$\text{PPV} = \frac{P(\text{disease} +)}{\# \text{disease and } (+)} = \frac{2}{4}$	1
Disease		+
Normal		+
Normal		1
Normal	$\text{NPV} = \frac{P(\text{normal} -)}{\# \text{normal and } (-)} = \frac{5}{6}$	1
Disease		1
Normal		1
Disease		+
Normal	$\text{Sensitivity} = \frac{P(+ \text{disease})}{\# \text{disease}} = \frac{2}{3}$	+
Disease		+
Normal		1
Normal		1

$P(\text{disease} | +)$
PPV

$P(\text{normal} | -)$
NPV

$P(+ | \text{disease})$
Sensitivity

$P(- | \text{normal})$
Specificity