

		Status	
		+	-
Test 1	+	a	b
	-	c	d

		Status	
		+	-
Test 1	+	TP	FP
	-	FN	TN

TP : true positive
 FP : false positive

FN: false negative
 TN: true negative

		Status	
		+	-
Test 1	+	a	b
	-	c	d

$$Se = \frac{a}{a + c}$$

$$Sp = \frac{d}{d + c}$$

		Status	
		+	-
Test 1	+	$Pr * Se$	$(1 - Pr) * (1 - Sp)$
	-	$Pr * (1 - Se)$	$(1 - Pr) * Sp$

Pr = Prevalence