

Figure 1. The Basic Clinical Relevant Mammography Audit: The Core Data to be Collected and Calculated

		BIOPSY RESULTS	
		Positive (biopsy demonstrated malignancy within one year)	Negative (biopsy is benign or no cancer discovered within one year)
SCREENING MAMMOGRAPHY	Mammogram positive (BI-RADS® Categories 0, 4, 5)	TP	FP
	Mammogram negative (BI-RADS® Categories 1, 2)	FN	TN

$$\text{Sensitivity} = \text{TP}/(\text{TP} + \text{FN})$$

$$\text{Specificity} = \text{TN}/(\text{TN} + \text{FP})$$

$$\text{PPV} = \text{TP}/(\text{TP} + \text{FP})$$

		BIOPSY RESULTS	
		Positive (biopsy demonstrated malignancy within one year)	Negative (biopsy is benign or no cancer discovered within one year)
DIAGNOSTIC MAMMOGRAPHY	Mammogram positive (BI-RADS® Categories 4, 5)	TP	FP
	Mammogram negative (BI-RADS® Categories 1, 2, 3)	FN	TN

$$\text{Sensitivity} = \text{TP}/(\text{TP} + \text{FN})$$

$$\text{Specificity} = \text{TN}/(\text{TN} + \text{FP})$$

$$\text{PPV} = \text{TP}/(\text{TP} + \text{FP})$$