Here is the data,

|  |  |  |
| --- | --- | --- |
|  | **Reference** | |
|  |  | **0** | **1** |
| **Prediction** | **0** | **446** | **117** |
| **1** | **54** | **151** |

Accuracy:

= (446+151)/(446+117+54+151) x 100

= 77.73%

Sensitivity:

= (446)/(446+54) x 100

= 89.2%

Specificity:

= (151)/(117+151) x 100

= 56.34%

Positive Predictive Value:

= (446)/(446+117) x 100

= 79.21%

Negative Predictive Value:

= (151)/(151+54) x 100

= 73.65%