|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | | Actual | |
|  |  | | Positive | Negative |
| Predicted | | Positive | **True Positive** | **False Positive** |
| Negative | **False Negative** | **True Negative** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Threshold** | **TP** | **FP** | **TN** | **FN** |
| 0.0 | 50 | 50 | 0 | 0 |
| 0.1 | 48 | 47 | 3 | 2 |
| 0.2 | 47 | 40 | 9 | 4 |
| 0.3 | 45 | 31 | 16 | 8 |
| 0.4 | 44 | 23 | 22 | 11 |
| 0.5 | 42 | 16 | 29 | 13 |
| 0.6 | 36 | 12 | 34 | 18 |
| 0.7 | 30 | 11 | 38 | 21 |
| 0.8 | 20 | 4 | 43 | 33 |
| 0.9 | 12 | 3 | 45 | 40 |
| 1.0 | 0 | 0 | 50 | 50 |

|  |  |  |
| --- | --- | --- |
| Threshold =0.5 | Actual Positives | Actual Negatives |
| Predicted Positives | 42 (TP) | 16 (FP) |
| Predicted Negatives | 13 (FN) | 29 (TN) |

|  |  |  |
| --- | --- | --- |
| Threshold =0.5 | Actual Positives | Actual Negatives |
| Predicted Positives | 20 (TP) | 17 (FP) |
| Predicted Negatives | 0 (FN) | 63 (TN) |