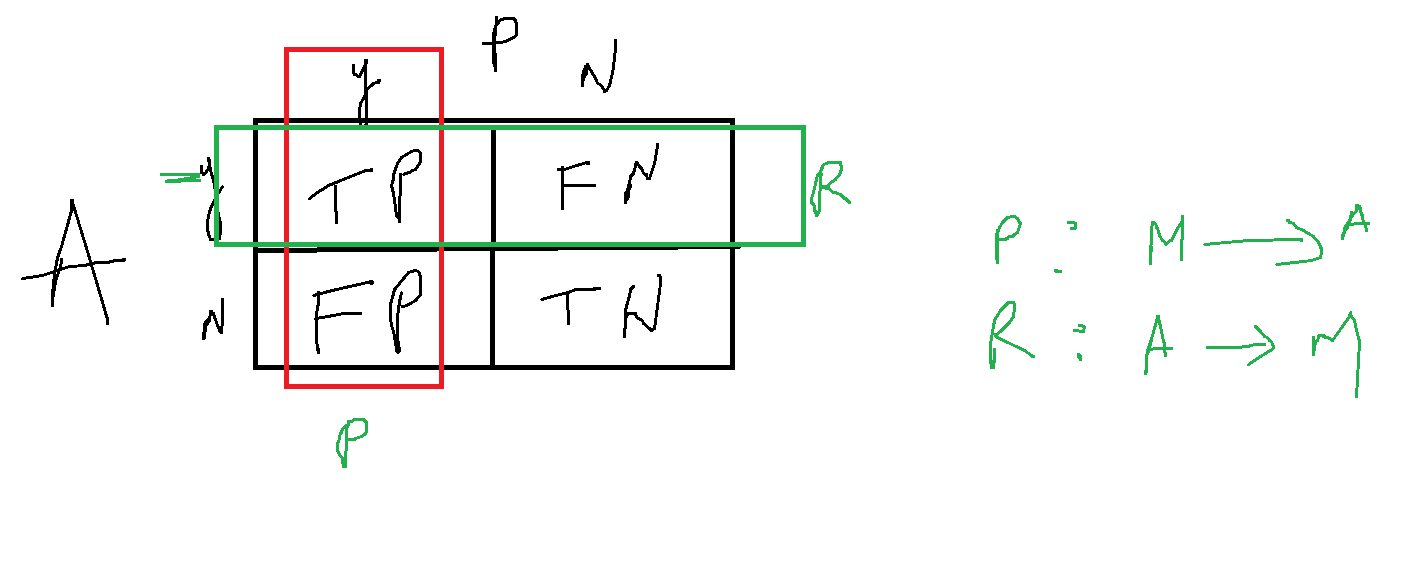
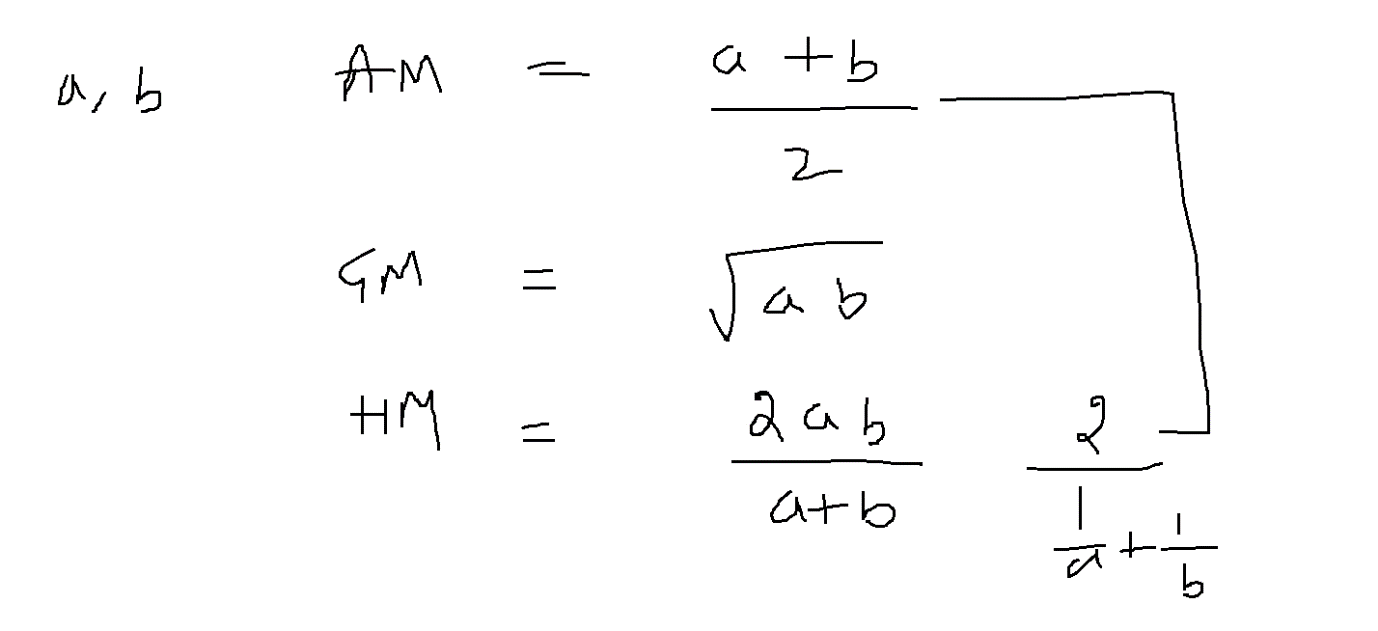
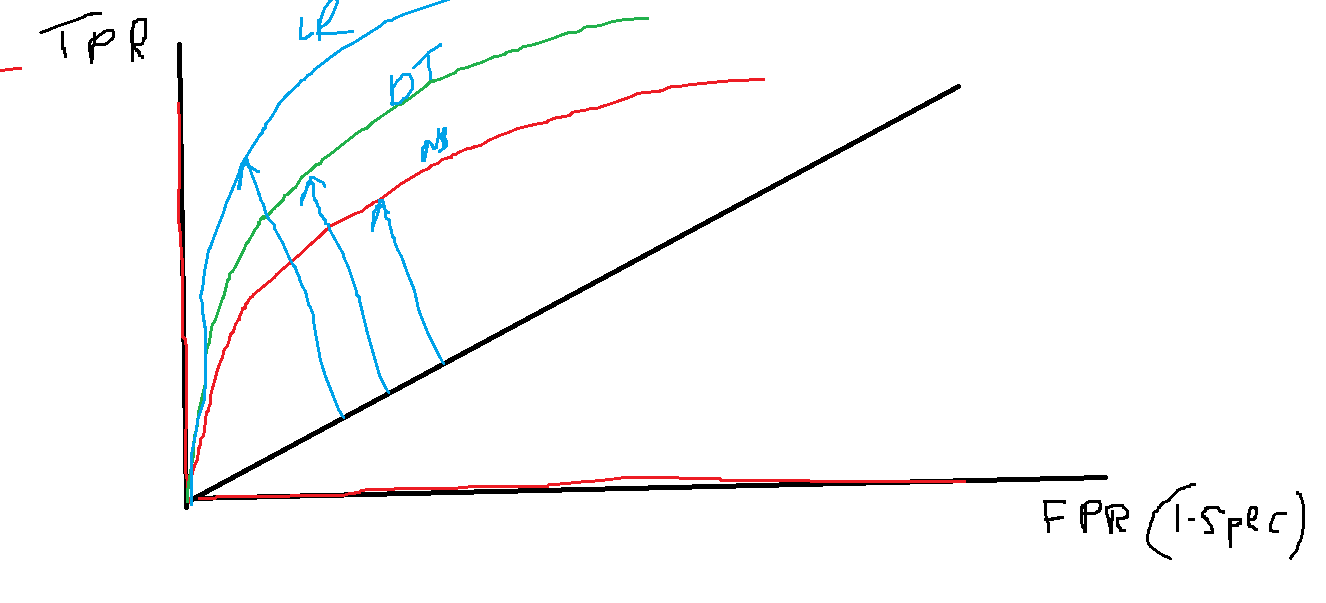


|  |  |  |  |
| --- | --- | --- | --- |
|  |  |  |  |
|  |  |  | 1 |
|  |  |  | 0 |
|  |  |  | 1 |
|  |  |  | 1 |
|  |  |  | 0 |
|  |  |  | 1 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Classes** | **Yes** | **No** | **Total** | **Recognition** |
| Yes  No | 90  140 | 210  9560 | 300  9700 | TPR=30%  TNR=97% |
| Total | 230 | 9770 | 10,000 | Accuracy=96.5 |







If probability >=0.50 model predicted as Positive, other wise negative

P= 5 N=5

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Tuple** | **Y\_actual CLASS** | **Prob** | **Y\_predction** | **TP** | **FP** | **TP/P** | **FP/N** | **FPR,TPR** |
| 1 | P | 0.90 | P | 1 | 0 | 1/5=0.2 | 0/5=0 | (0,0.2) |
| 2 | P | 0.80 | P | 2 | 0 | 2/5=0.4 | 0/5=0 | (0,0.4) |
| 3 | N | 0.70 | P | 2 | 1 | 2/5=0.4 | 1/5=0.2 | (0.2,0.4) |
| 4 | P | 0.60 | P | 3 | 1 | 3/5=0.6 | 1/5=0.2 | (0.2,0.6) |
| 5 | P | 0.55 | P | 4 | 1 | 4/5=0.8 | 1/5=0.2 | (0.2,0.8) |
| 6 | N | 0.54 | P | 4 | 2 | 4/5=0.8 | 2/5=0.4 | (0.4,0.8) |
| 7 | N | 0.53 | P | 4 | 3 | 4/5=0.8 | 3/5=0.6 | (0.6,0.8) |
| 8 | N | 0.51 | P | 4 | 4 | 4/5=0.8 | 4/5=0.8 | (0.8,0.8) |
| 9 | P | 0.50 | P | 5 | 4 | 5/5=1 | 4/5=0.8 | (0.8,1) |
| 10 | N | 0.40 | N | 5 | 4 | 5/5=1 | 4/5=0.8 | (0.8,1) |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | P | 0.90 | P |  |
| 2 | P | 0.80 | P |  |
| 3 | N | 0.70 | P |  |

