data (shankar)

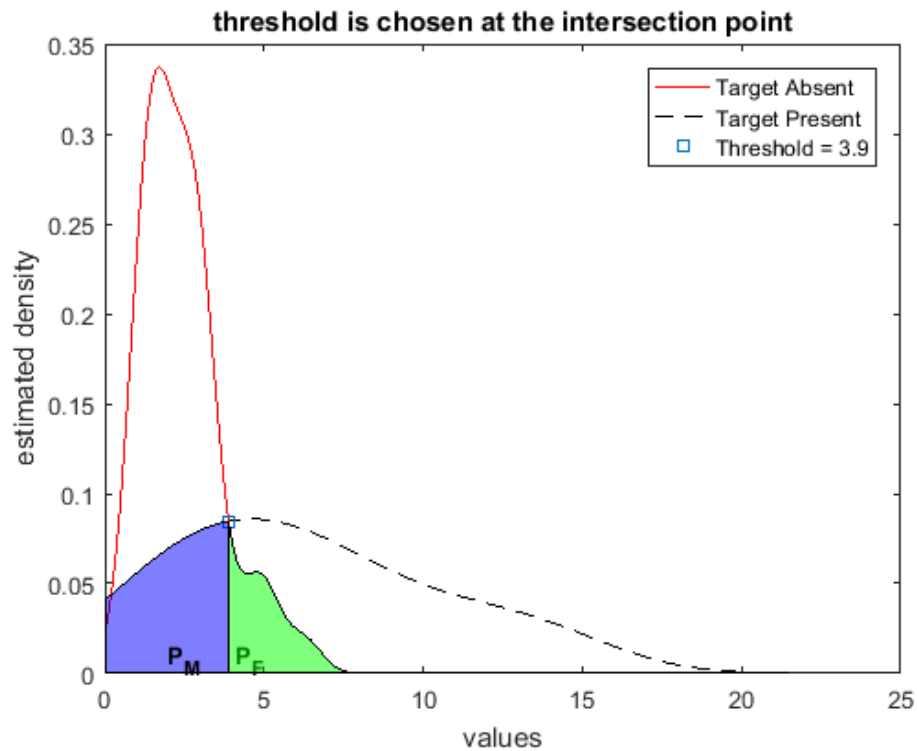## Confusion Matrix (Threshold Value = 4.8)

Data Collected	Target Detected	Target Not Detected	Total Counts
Target Absent	3	37	40
Target Present	18	12	30
Total Counts	21	49	70

Errors circled

$$P_F = \frac{3}{40} \quad P_M = \frac{2}{5} \quad \text{PPV} = \frac{6}{7} \quad \text{err} = \frac{3}{14} \quad \text{ACC} = \frac{11}{14}$$

Summary of the analysis
shankar

p m shankar

threshold is chosen at the intersection point

Confusion Matrix (Threshold Value = 3.9)

Data Collected	Target Detected	Target Not Detected	Total Counts
Target Absent	(4)	36	40
Target Present	21	(9)	30
Total Counts	25	45	70

Errors circled

$$P_F = \tfrac{1}{10} \quad P_M = \tfrac{3}{10} \quad \text{PPV} = \tfrac{21}{25} \quad \text{err} = \tfrac{13}{70} \quad \text{ACC} = \tfrac{57}{70}$$

Summary of the analysis
shankar

p m shankar

P M Shankar, April 15, 10:00 AM