Za8k24:6 Bayes rule -s posterior probability evidence privipal -> p(20) 50-99 P(POS/e) =0.9 P(rbc):0.9 -> P(Pos/>c):0.1 Posterior: P(ctpos) = P(c). P(Pos/c) -> [35]

normalizer=> PCPis)=(CC, Pis)+P6C, Pis)=0.108 Posterial => P(C/Pos) = 0-000 = 0-0833 P(7C) Pos) = 0-092 50-9167 Boyles rulesummary?-O pros PC) L PIPIC) test P(N/SC) POC/P-S) robot Sonsing: P(see R/AR) 30.8. P(K) = P(b) = 0.5 P(Seeb) at B) = 0-8 PlotRISEER) 59 P(+) = 0-8×0.5+0.2+0.5 PlatblseeR)=? 0.820.8) 30.2

$$P(A) = P(D) = P(C) = 0.777$$

$$Robot = P(B|B) = 0.75$$

$$P(B|B) = 0.75$$