Posterior odds = prior odds x likelihood ratio Todds atternate way of presenting probabilities.

eq. let 6 be prob event to ocun

Interested Pr (0 70:51y) = requirement hypotheris

Pr (0 < 0:51y)

Ho: 070.T & composite HO : 670. T omposite

HA 6 6 0 1 T. I null

COMPARISON TO NON BAYESIAN METHOD

e p = 0

 $CI : O \pm 1.96 \sqrt{\frac{001-0}{n}}$

-) 95% confident Jambi tions state ment

BUILDING APREDICTIVE MODEL

-) Postenier prob. of interest: Pr(\$; \$0/y,x)