

$$y_1, y_2, y_3 \dots y_n \text{ each } y_i \in \{0,1\}$$

linear vermer

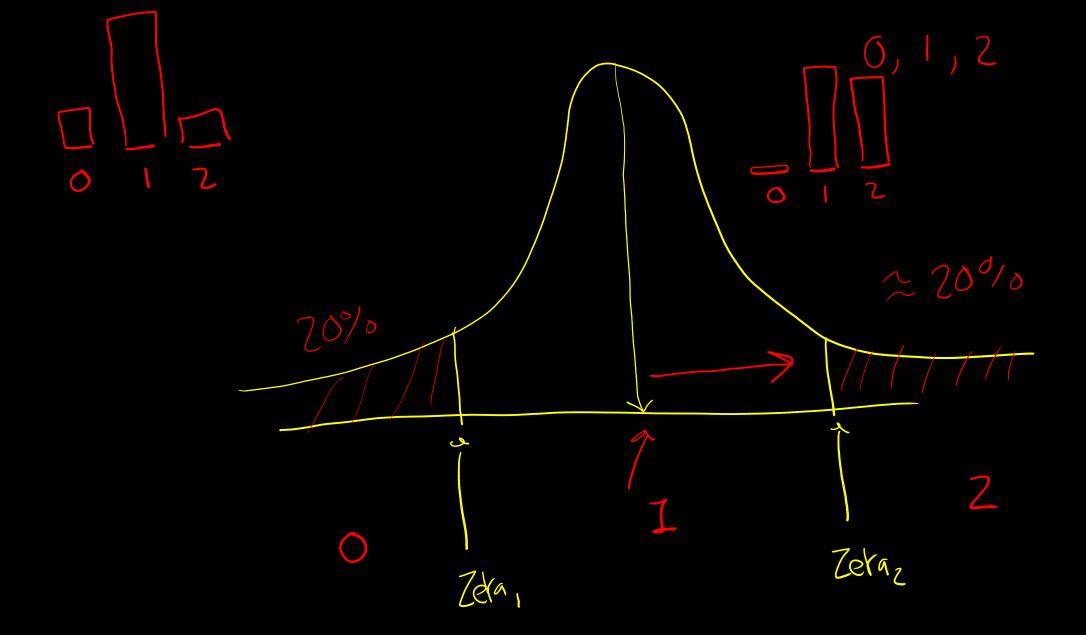
log P(data | BmlE) logLik(M5)

likelihood

likelihood function MLE P(data/Mo): likelihood ratio

109 (P(datalmi) = log P(datalmi) - logP(datalmi)

P(datalmi) diff. of log libelihood log of the libethord retio -2 LL doulance



•

4 11.65 109 ( odds) e = odds e enler's number  $e \approx 2.71...$  10 = 1024log 2 (1024) = 10 106 = 1000000 10910 (1000000) = 6