Decision tree

$$= \left(-\frac{5}{14} \times \log_{2} \frac{5}{14}\right) + \left(-\frac{3}{14} \times \log_{2} \frac{9}{14}\right) + \left(-\frac{3}{14} \times \log_{2} \frac{9}{14}\right) + \left(-\frac{3}{14} \times \log_{2} \frac{3}{14}\right) + \left(-\frac{3}{14} \times \log_{2} \frac{3}{14}\right$$

1000 go 700 M 1000 M B N B N B. 30.8 30 31 29 7 Avy 100 E E E 207 303/1 303/1 30.1 29 38.2. 0.01 1000 (1-0.2) I wit > * correctly classified samples M2 = 0.3 A M= 011

0.1 1-0-3 30.1 30 30.1×1+30×2+29. Cum of weight. J Tent Voice

