Optimal cost is 188 with priors = (p = 0.83, q = 0.17)1400 -1200 **-**1000 -Total Cost 800 -600 **-**400 -200 -_ Optimal cost = 188 when (p = 0.83, q = 0.17) with error rate = 0.5449 0.4 0.5 0.6 Prior Probability of Positive Class 0.8 0.7 0.0 0.1 0.2 0.3 0.9 1.0 Total Cost — Total Misclassified