Statistica (Machine Learning Hume Work 04

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11) Problem 1

Q.

(Yes) $\frac{x_1<1}{x_2<1}$ (No) $\frac{x_2<1}{x_3}$ (No) $\frac{x_1<1}{x_2}$ (No) $\frac{x_1<1}{x_3}$ (No) $\frac{x_1}{x_3}$ (N

Thus: we classfy x as itself. Approach Two: Average probability $\overline{x} = \frac{1}{10}(a_1 + 0.15 + 0.2 + 0.2 + 0.15 + 0.6 + 0.6 + 0.65 + 0.7 + 0.75) = 0.45 < \frac{1}{2}$ Thus: We classify x as Green