

Re: Bayes decision boundary between 3 classes?

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CORRECTED FOR THE UNFORGIVABLE SIN OF TOPPOSTING

Question wrote:

Greg heath wrote:

Consider the three equations

$$P(i)*p(x|i) = P(j)*p(x|j)$$

Should we have 3 decision boundaries for this example?

Yes.

$$P(i)*p(x|i) = \max\{ P(j)*p(x|j), P(k)*p(x|k) \}$$

Hope this helps.

Greg

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