IIT Jodhpur

Biological Vision and Applications Module 03-10: Feature Learning

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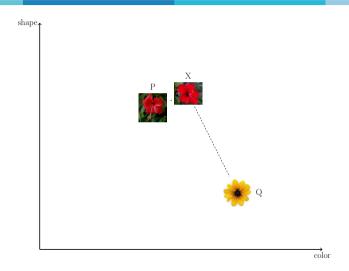
Which feature do you choose?





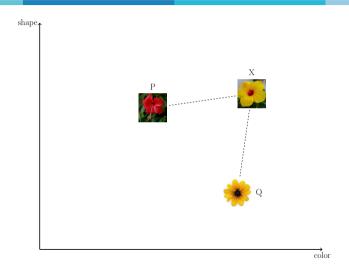
Which category X belongs to?

P and Q are rare classes

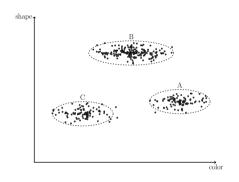


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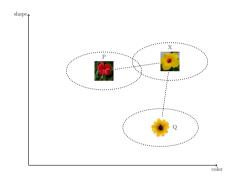


Meta-learning from abundant classes



- Meta-learn that the objects features have more spread in color than shape
- Use more weight for shape than color

Create models for rare classes from meta-model



This is called Transfer Learning

Shape bias

That is exactly how a child learns to distinguish objects





Quiz 03-10

End of Module 03-10