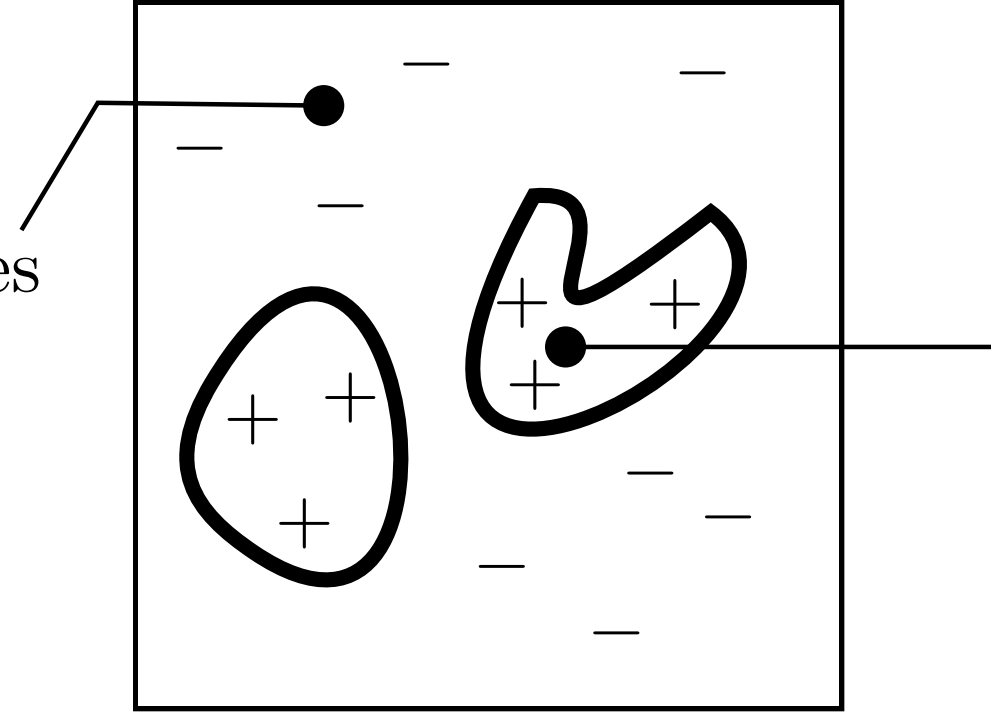


\mathbf{X}^- : Undecidable region for all classes
 $\max \mathbf{H}(\mathbf{Y}|\mathbf{X}^-)$



\mathbf{X}^+ : Decidable region for all classes
 $\min \mathbf{H}(\mathbf{Y}|\mathbf{X}^+)$