
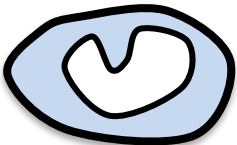


Reject H_0 if X in 

Accept H_0 if X in 

$P(X \in w | H_0) = \alpha \quad \longrightarrow$ How likely to *falsely reject* H_0

$P(X \in \mathcal{W} - w | H_1) = \beta \quad \longrightarrow$ How likely to *falsely accept* H_0