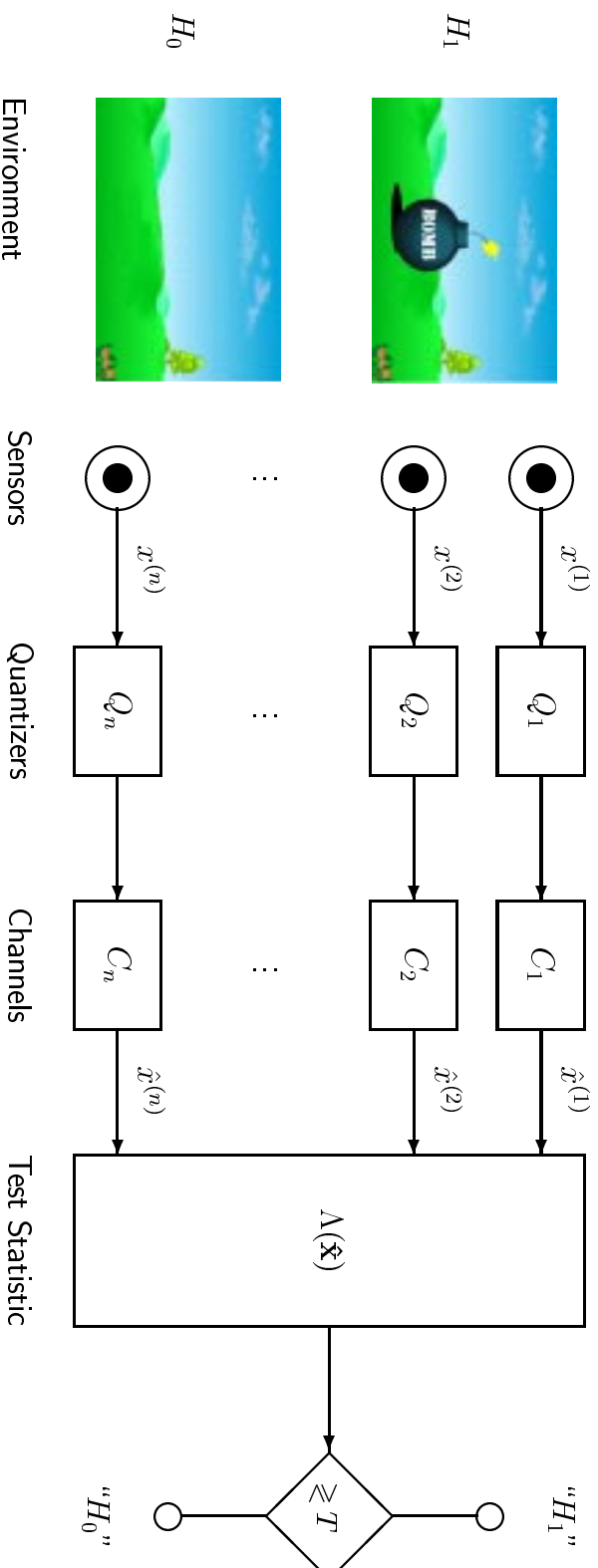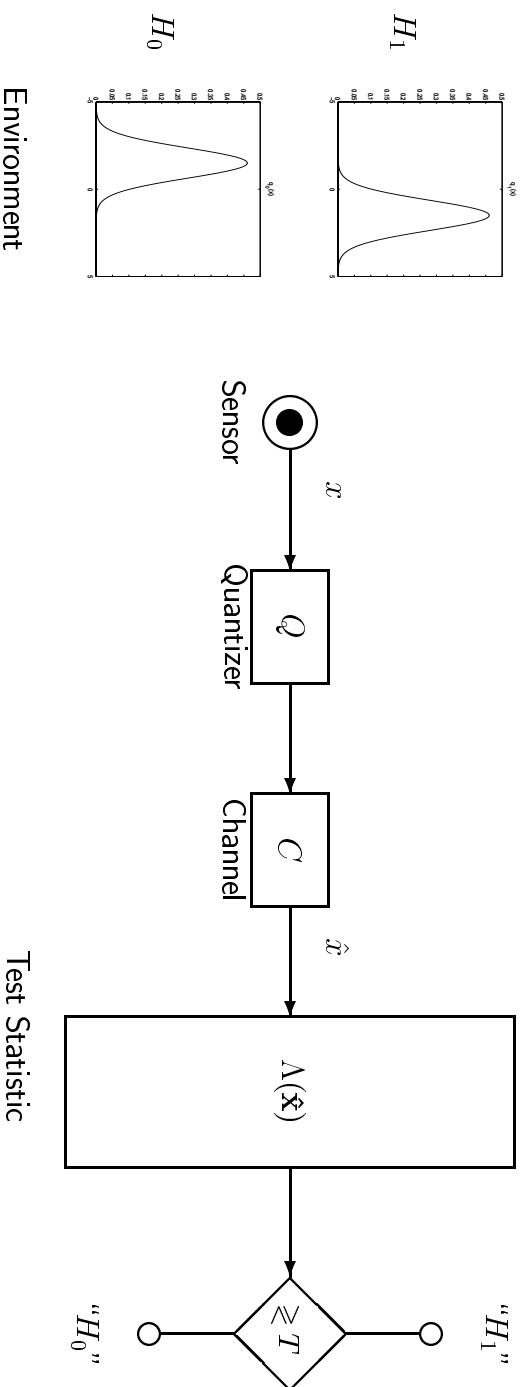# Distributed quantization in a sensor net

Objective: Observe $[\hat{x^{(1)}}, \ldots, \hat{x^{(n)}}] = Q(\mathbf{x})$ and decide between H_0 and H_1

Hypothesis testing from Q/VQ data

Objective: Observe $\hat{x} = Q(x)$ and decide between H_0 and H_1

ROC Performance of Various Quantizers