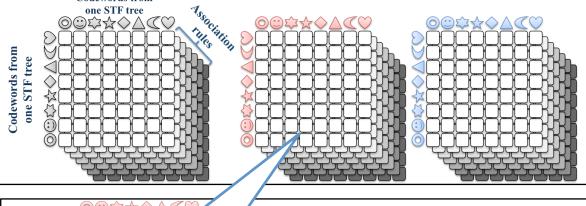


A semantic texton forest (STF) contains multiple decision trees. Each decision tree translates a spatiotemporal cuboid to a visual codeword.



3-D histograms are constructed from the codewords. Each histogram corresponds to one decision tree in the STF. A histogram bin is associated with a pair of codewords and an association rule in equation 4.4. The size of a histogram is $L_m \times L_m \times |R|$.

