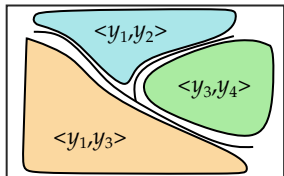


(a) At time  $t$

Data Distribution



Upcoming instances  
of the data stream

Online  
Multi-label  
Learning  
System

Train the learner after its  
prediction according to  
the true relevant labels

Previously predicted  
instances of the data stream

