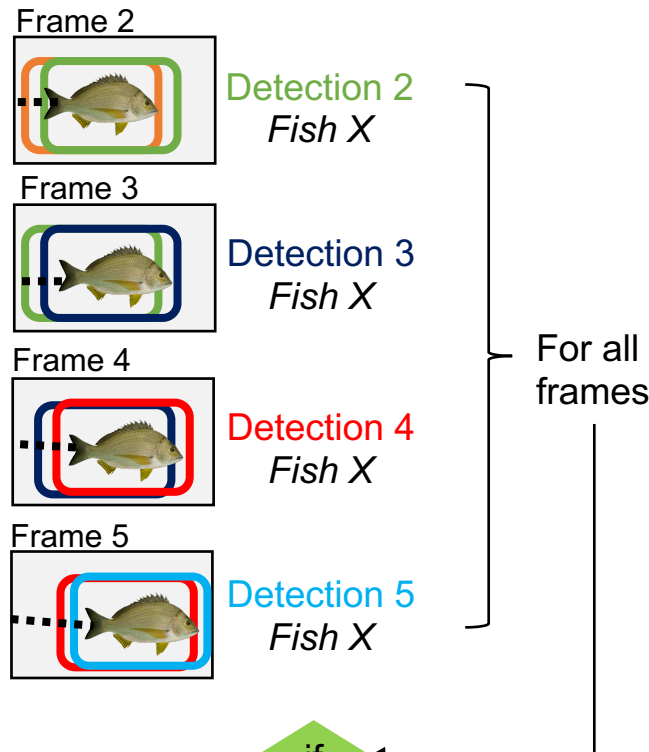
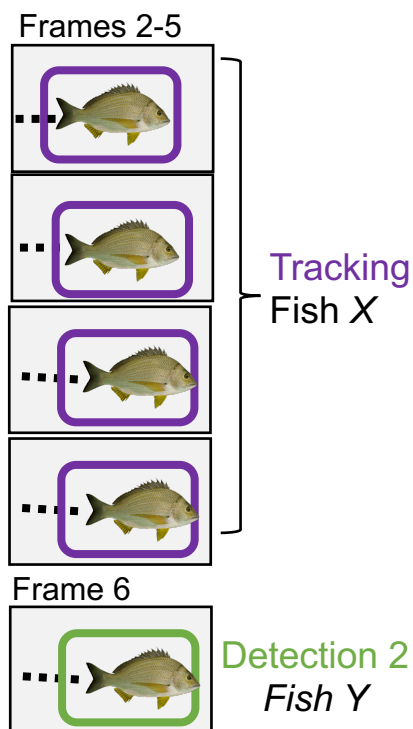


MOSSE

SiamMask

Seq-NMS



Tracker Fish X  
overlap  
Detection Fish Y



Continue Tracking  
Fish X

Tracker Fish X  
does not overlap  
Detection Fish Y



New Tracking  
Fish Y



Previous Detection  
overlap new  
Detection



Continue Detection  
Fish X

Previous Detection  
does not overlap  
new Detection



New Detection  
Fish Y



For all frames and  
videos

**4**

Assessment

Can computer vision quantify  
fish movement ?