Running Experiment 6

* Training and Validation
  + Exp 6 is separately trained and evaluated on color and gray videos
  + To do this, we need generate ground truth files for color and gray videos separately. It’s because the underlying detectron 2 model is trained separately for RGB and Gray videos
  + To do it
    - Go to annotation\_preparation folder
    - Run colored\_list\_making.py using previously generated train\_list.pkl
      * If you read from ‘./color\_video.txt’, then train\_list.pkl for RGB videos will be generated. Reading from ‘./gray\_video.txt’ will generate train\_list.pkl for Gray videos
      * save\_path = ‘path for newly generated train\_list.pkl’. It’s better to create different path for RGB and Gray videos because each experiments will be conducted separately
    - Run dump\_colored\_validation\_list.py to generate validation\_list.pkl for both RGB and Gray videos. Those files are saved in separate folders
  + Enter into color\_videos\_train folder
  + Run train\_det\_wbce.py
    - Set configuration.py, parameters.py accordingly
  + To train and evaluate on Gray videos enter into gray\_videos\_train folder and run train\_det\_wbce.py. Set configuration.py and parameters.py accordingly