

# Meeting 21.02.2017 Tom

Tuesday, 21 February 2017 15:47

Mondays and Tuesdays are the best for meetings

Look at existing teams scores (above chance?)  
Clip for Log Loss

Problem: Sequences of images? How to balance this in cval?  
Taking out one boat doesn't work

Recognize what is not a fish? --> might help in preprocessing

Reduce overlap between images that you use --> might take quite a bit of effort  
--> Remove background and put something else there

Pre-Train on fish data --> very good idea  
--> avoids overfitting on boat

Identifying position of fish quite accurately would prevent such things

Preproc: maybe edge detection

Be careful about deleting background (maybe usable for size info)  
Or split, first find bounding box in image without background and then for size info use background again

Maybe use color channels separate

Follow Leaderboard

Once we have something running, try to see where it goes wrong. If we have img which should be easy but it does not work it is a good starting point

Subtracting boat information from fish information, get boatyness features and alter those

Rotate and stretch and scale --> feasible? Try it

Convolutional neural network are probably the best  
Where would you put extra information (texture, whatever)?  
Not throwing everything in the front

Look at papers for background

07.03.2017 15:45