*Title: goprofrontview*

*Path: C:\Users\vjj14\Desktop\DeepLabCut\goprofrontview-vj-2019-06-17*

*Description: Go Pro video, 2.7k at 120 fps. Filmed from the front. Must be cropped, and resulting video is ok: slightly blurry after cropping. Except in select frames, fingers are indistinguishable.*

*Log File:* *"C:\Users\vjj14\Desktop\DeepLabCut\goprofrontview-vj-2019-06-17\loggoprofrontview.txt"*

*Date:06/17/19*

1. *Initialization (Config): "C:\Users\vjj14\Desktop\DeepLabCut\goprofrontview-vj-2019-06-17\config.yaml"*
2. *Frame Extraction:*
   1. *Function Call:* *deeplabcut.extract\_frames(path\_config\_file,'automatic','kmeans',crop=True)*
   2. *Number of Frames: 130, used 100*
3. *Frame Labeling:*
   1. *Comments (frames skipped, ambiguity, labels)*
      1. *Not bad, labeling slightly difficult because of the blurriness. Did not guess to label parts.*
4. *Train Network:*
   1. *Function Call: deeplabcut.train\_network(path\_config\_file, saveiters=1000, displayiters=100, maxiters=30001)*
   2. *Network Iteration: first network, iter-0*
   3. *Time Elapsed: 50 minutes 2 seconds*
5. *Evaluate Network:*
   1. *Train:2.25 pixels*
   2. *Test:3.59 pixels*
   3. *Test with p-cutoff:2.25*
   4. *Train with p-cutoff:3.43*
6. *Analyzing Videos:*
   1. *Videos:* *[[r"C:\Users\vjj14\Desktop\DeepLabCut\goprofrontview-vj-2019-06-17\videos\gp\_Trim.ts"], [r"C:\Users\vjj14\Desktop\DeepLabCut\goprofrontview-vj-2019-06-17\videos\gp.MP4"]]*
      1. *Duration: Duration of video [s]: 41.65 , recorded with 120.0 fps!*
      2. *Frames: 4998*
      3. *Frame Size: 2704 1520*
      4. *Time Elapsed: 2 minutes 34 seconds*
7. *Extract Outlier Frames:*
   1. *Video:*
   2. *Algorithm:*
   3. *Parameter:*
   4. *Number of Frames:*
8. *Refine Labels:*
   1. *Comments (frames skipped, ambiguity, labels)*
9. *Created Labeled Video:*
   1. *Time Elapsed*
10. *Plots:*
11. *DataWrangling:*
12. *Results:*
13. *Comments:*