Photometry analysis pipeline

1. Data saving format:
   1. File name
      1. BPOD: mouseID\_protocol\_YMD\_phase+sessionID
      2. Doric: mouseID\_protocol\_YMD\_phase+sessionID
2. Data saving transfer on the lab computer:
   1. Use USB to copy the Doric data to the folder of Bpod data on Bpod computer
   2. Copy all mouse data to Dropbox and sync
3. Data saving structure on my local computer:
   1. Create a folder named “round\_YMD” in ‘D: \PhD \Photometry\DATA’
   2. Copy data from Dropbox and its corresponding ROI assignment and laser configuration and experiment document
   3. Create folder ‘figures’ and ‘processed’
   4. In each mouseID folder, separate the data into two folder: ‘bpod’ and ‘doric’ and create a folder named ‘processed’
4. Code saving structure:
   1. Code inside the ‘D:\PhD\Photometry\Analysis\pipeline’ are ordered
   2. The ‘Analysis’ directory is a git repo
5. Code usage:

Text

Description automatically generated

Protocol detail:

Selina\_C5D5R3E5R3: 5 cond – 5 deg – 4 rec (last one is the pre ext before I started ext) – 3 extinction – 2/3 final rec