# Information Sheet on preprocessing of NoseMazeData

*Referring on scripts and files from Luise Staatsmann*

**Raw data:**

Hi Corentin: after checking flstorage and the “social\_groups.R” script from Luise again I found out that the raw output from DLC is here:

* Groups 1-10: zi-flstorage/data/Shared/Multi\_DLC/Sarah\_Luise\_DLC/Group\*\_Videos/WholeVideo\_Analysed/D\* …
* Groups > 11: flstorage/data/Shared/Multi\_DLC/Sarah\_Luise\_DLC/Oxytocin/Analysed\_Videos/…

*(I also send you the table how to map the group names from the raw data from that folder to the group numbers 11 to …*

* 1 file per video (matrix: 1 row per frame, 3 columns per mouse (x,y,probability)

**First processing step: “social\_groups.R”**

* Location: /zi-flstorage/data/Luise/NoSeMaze2023/scripts
* Output: /zi-flstorage/data/Luise/NoSeMaze2023/DLC\_output\_windows

In the Output folder you should find all relevant files (the filtered DLC output and following intermediate files created from Luise’s scripts). For the trajectories there are plots from Luise in the “NoseMaze2023/trajectory\_graphs” folder.

**My script to extract the adjacency matrices with the approaches:**

* Location: /zi-flstorage/data/Luise/NoSeMaze2023/scripts/David\_processing\_0723/extract\_adjacency\_matrices\_G1to10.R
* Output: /zi-flstorage/data/Luise/NoSeMaze2023/DLC\_output\_windows/G\*/adjacency\_matrix