Meeting 1: Brainstorm

Participating departments

Used software

- AFNI — 1 (4,8%)
- Brainvoyager — 5 (23,8%)
- Freesurfer — 8 (38,1%)
- FSL — 14 (66,7%)
- SPM — 7 (33,3%)
- Matlab — 2 (9,5%)
- geen — 2 (9,5%)
- ANTs — 1 (4,8%)
- ANTS, custom scripts — 1 (4,8%)
- MRIcron — 1 (4,8%)
- itk-snap — 1 (4,8%)
- CONN — 1 (4,8%)
- LAYNII — 1 (4,8%)
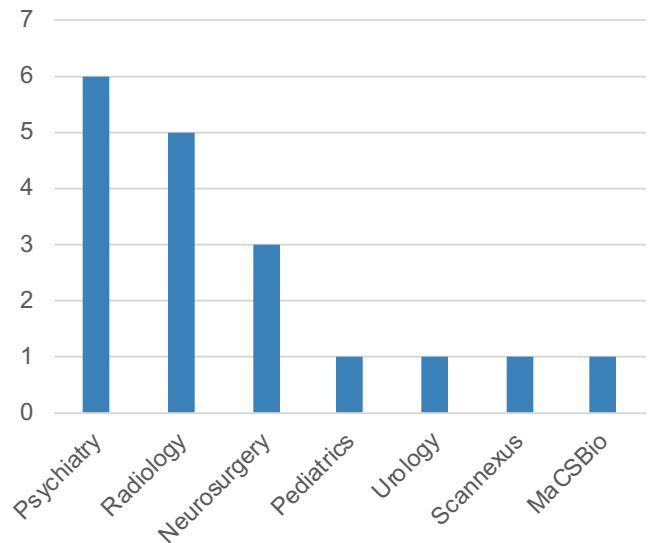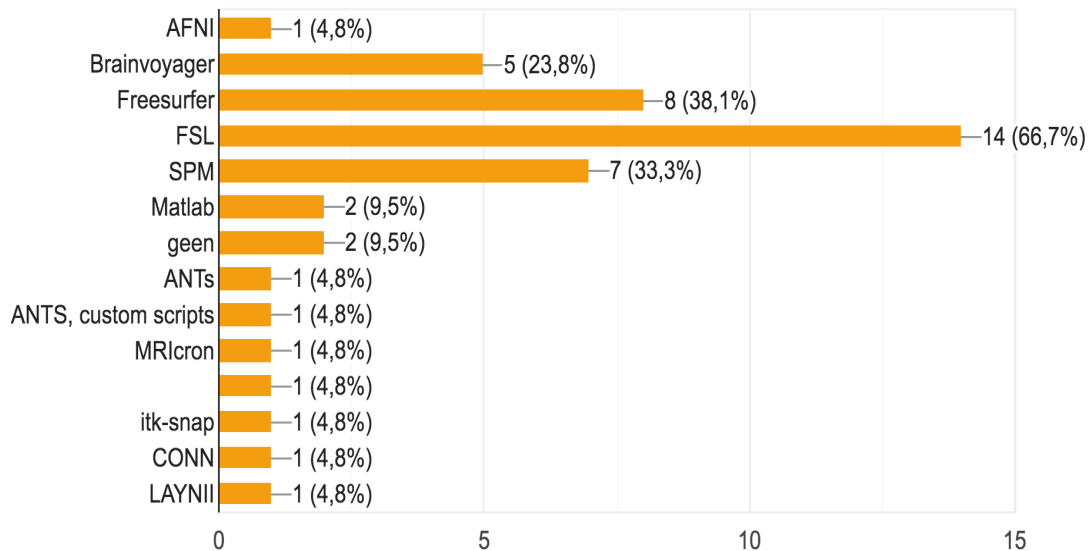
Meeting 1: Inventory of Needs & Expertise

- Place to discuss ideas/problems/pipelines
- Knowledge of other analysis software (FSL, Freesurfer, Linux, Brainvoyager)
- Cluster computer/computing
- Specific expertise: graph theory, multimodal/physiological data, diffusion data analysis, post-mortem data (analysis), rodent data analysis

- Parcellation/segmentation methods
- Standardized storage of data in large studies
- fMRI Experimental design set-up
- 7T Data preprocessing and 7T QSM, R2*, T2* processing
- DWI data quality control
- Graph theory

Past & future meetings

Past:

30/04/19: Brainstorm & inventory

21/05/19 : fMRI and DTI in the surgical workup of epilepsy patients

Next meeting:

- End of June (date to be determined)

- 3T DWI preprocessing pipeline (subjected to change)