

# TACS Challenge Documents

## SOP 5 – Data Sharing

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### List of material / Required hardware:

Quantity	Item
1	OSF account
For each subject	tsv output for each experimental block
For each subject	tsv output for staircase
For each subject	tACS Challenge Data table (xlsx)
1	Demographic Information Form

### Required structure and files for data sharing

1. Create a data folder for your lab on OSF: <https://osf.io/gz84a/files/osfstorage> and label it with a code (L+ number of your lab as assigned on <https://tacschallenge.github.io/labs/>). For example: 'L06' if you are in the Bergmann lab, or 'L40' if you are in the Tarantino lab.
2. Create a folder for each subject that you can then store in your lab folder on OSF. Label each subject's folder with your lab code and an individual subject code. Example: 'L01\_P01' for the first participant in the Aglioti lab.
3. The following files are required in each subject's folder:
  - **.tsv output file from each experimental block**, labelled according to lab code, subject code, block number (between 1 and 13), and montage. For example: 'L04\_S03\_B4\_A.tsv' for the Battaglini Lab, participant nr 3, Block 4, Montage A. Note that the order in which montages varies from subject to subject according to a latin square permutation (see [here](#)). Montage labels correspond to those on the tACS Challenge Sensation Questionnaire and the registered report (Sh = sham, A=occipital, B=phosphene, C=cutaneous).
  - **.tsv output file from the staircase procedure**, labelled as described above, e.g. L01\_S01\_Staircase.tsv
  - The **table tACSChallenge\_Data**, labelled as described above, e.g. L01\_S01\_Meta\_Data.xlsx  
Please fill in the required information:
    - Lab Code (same as above)
    - Subject Code (same as above. Ideally the same as in the Demographic Information Form)
    - Gender (from the Demographic Information Form)
    - Age (5-year bracket; from the Demographic Information Form)
    - Stimulation intensity (separately for each montage)
    - Impedance difference between hemispheres (separately for each montage)
    - Use of EMLA cream (y/n)
    - Individual Alpha frequency (IAF) (if applicable)