

2p data - Needs 3 paths to access BOTs, Voltage Recording, Tosca, and Suite2p files

1. **BOTs & VR:** path_name / username / mousename / expt_date / block_name → Looking for files that ends in botData.csv & Voltage_Recording_###.csv
2. **Tosca:** path_name / username / mousename / Tosca_mousename → Looking for folder called Session # filled with Run data
3. **Suite2p:** path_name / username / mousename / analysis_name → Looking for fall.mat

Widefield data - Needs 4 paths to access BOTs, Voltage Recording, Tosca, and Suite2p files

1. **BOTs:** path_name / username / mousename / expt_date / block_name → Looking for files that ends in botData.csv & Voltage_Recording_###.csv
2. **VR:** path_name / username / mousename / expt_date / VR_name → Looking for files that ends in botData.csv & Voltage_Recording_###.csv
3. **Tosca:** path_name / username / mousename / Tosca_mousename → Looking for folder called Session # filled with Run data
4. **Suite2p:** path_name / username / mousename / analysis_name → Looking for fall.mat

path_name

mousename

» This PC » DATA (D:) » Data » 2p » VIPvsNDNF_response_stimuli_study » NxDB092719M2 »

2020-02-02
2020-02-04
2020-02-06
2020-02-06-widefield
2020-02-07
2020-02-13
2020-02-19
2020-02-20
2020-02-21
2020-02-27
2020-03-03

expt_dates

ROI determination
Suite2p analysis

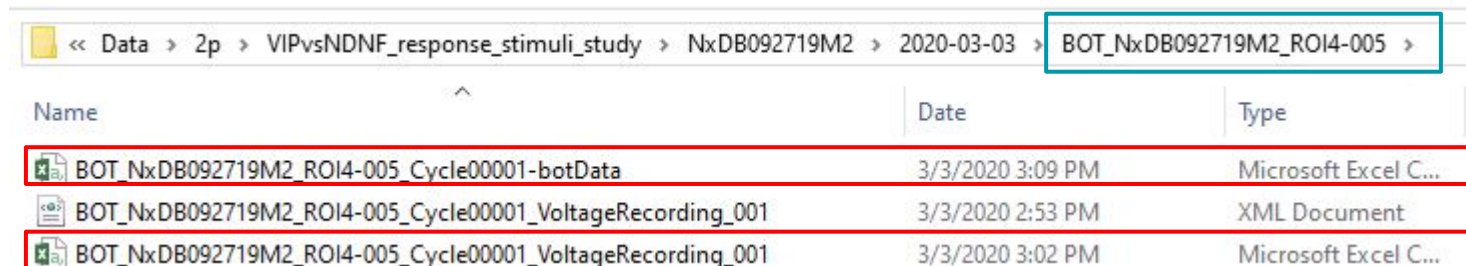
Tosca_NxDB092719M2




Tosca_mousename

Example for 2p data - BOTs and voltage recording files are saved in the same place

1. **BOTs & VR:** path_name / username / mousename / expt_date / **block_name**

Looking for files that ends in botData.csv & Voltage_Recording_###.csv



<< Data > 2p > VIPvsNDNF_response_stimuli_study > NxDB092719M2 > 2020-03-03 > BOT_NxDB092719M2_ROI4-005 >		
Name	Date	Type
 BOT_NxDB092719M2_ROI4-005_Cycle00001-botData	3/3/2020 3:09 PM	Microsoft Excel C...
 BOT_NxDB092719M2_ROI4-005_Cycle00001_VoltageRecording_001	3/3/2020 2:53 PM	XML Document
 BOT_NxDB092719M2_ROI4-005_Cycle00001_VoltageRecording_001	3/3/2020 3:02 PM	Microsoft Excel C...

Example for widefield data - BOTs and voltage recording files are in different folders

1. **BOTs:** path_name / username / mousename / expt_date / **block_name** → Looking for files that ends in botData.csv & Voltage_Recording_###.csv
2. **VR:** path_name / username / mousename / expt_date / **VR_name** →

D:\Data\2p\VIPvsNDNF_response_stimuli_study\NxDB092719M2\2020-02-06-widefield\BOT_NxDB092719M2_widefield_gcamp-001\

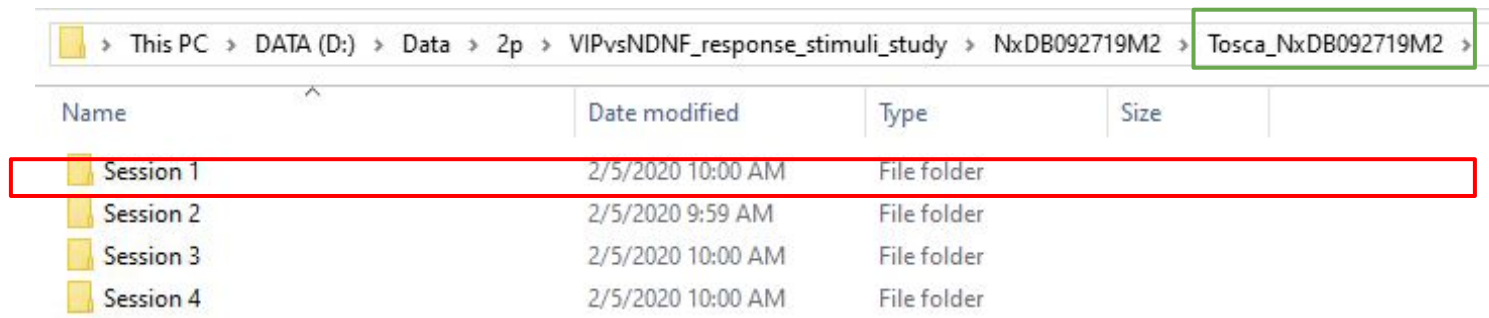
Name	Date	Type	Size
BOT_NxDB092719M2_widefield_gcamp-001_Cycle00001-botData	2/6/2020 4:58 PM	Microsoft Excel C...	1,304 KB

<< NxDB092719M2 > 2020-02-06-widefield > VoltageRecording_NxDB092719M2_widefield_gcamp-001 >

Name	Date modified	Type	Size
References	2/6/2020 3:01 PM	File folder	
VoltageRecording_NxDB092719M2_widef...	2/6/2020 3:01 PM	XML Document	1 KB
VoltageRecording_NxDB092719M2_widef...	2/6/2020 4:58 PM	Microsoft Excel C...	28,391 KB
VoltageRecording_NxDB092719M2_widef...	2/6/2020 3:09 PM	XML Document	6 KB

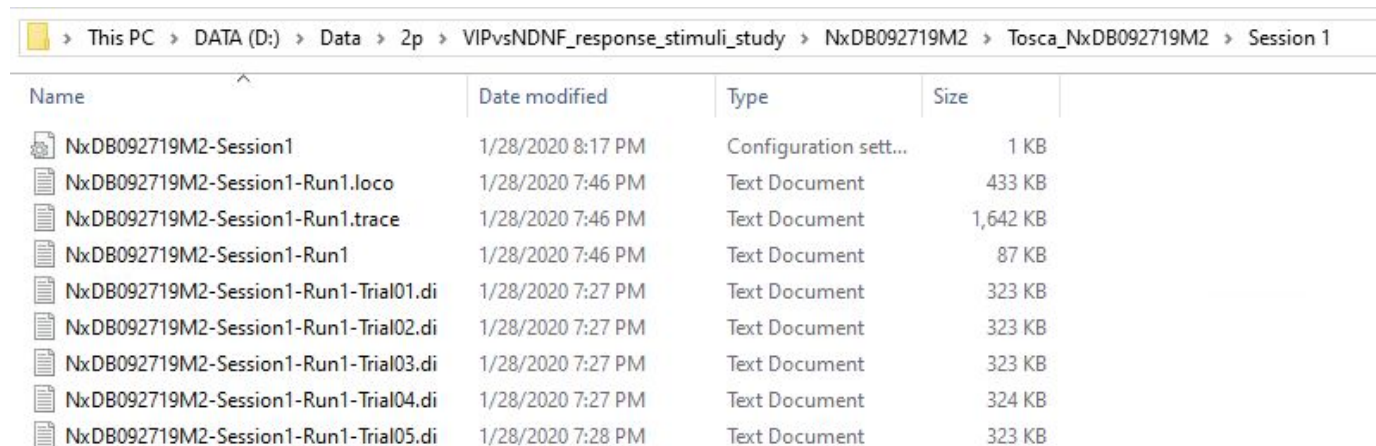
Example Tosca files - This is where Tosca_session and Tosca_run come in

Tosca: path_name / username / mousename / **Tosca_mousename** → Looking for folder called Session # filled with Run data



Name	Date modified	Type	Size
Session 1	2/5/2020 10:00 AM	File folder	
Session 2	2/5/2020 9:59 AM	File folder	
Session 3	2/5/2020 10:00 AM	File folder	
Session 4	2/5/2020 10:00 AM	File folder	

Run data →



Name	Date modified	Type	Size
NxDB092719M2-Session1	1/28/2020 8:17 PM	Configuration sett...	1 KB
NxDB092719M2-Session1-Run1.loco	1/28/2020 7:46 PM	Text Document	433 KB
NxDB092719M2-Session1-Run1.trace	1/28/2020 7:46 PM	Text Document	1,642 KB
NxDB092719M2-Session1-Run1	1/28/2020 7:46 PM	Text Document	87 KB
NxDB092719M2-Session1-Run1-Trial01.di	1/28/2020 7:27 PM	Text Document	323 KB
NxDB092719M2-Session1-Run1-Trial02.di	1/28/2020 7:27 PM	Text Document	323 KB
NxDB092719M2-Session1-Run1-Trial03.di	1/28/2020 7:27 PM	Text Document	323 KB
NxDB092719M2-Session1-Run1-Trial04.di	1/28/2020 7:27 PM	Text Document	324 KB
NxDB092719M2-Session1-Run1-Trial05.di	1/28/2020 7:28 PM	Text Document	323 KB

Example Suite2p files

Tosca: path_name / username / mousename / analysis_name → Looking for fall.mat

This is how suite2p organizes your files by default

<< Data > 2p > VIPvsNDNF_response_stimuli_study > NxDB092719M2 > 2020-02-06-widefield > suite2p > plane0			
Name	Date modified	Type	Size
data.bin	4/3/2020 3:16 PM	BIN File	4,785,664 KB
F	4/3/2020 3:18 PM	NPY File	13,327 KB
Fall	4/3/2020 3:24 PM	Microsoft Access ...	119,015 KB
Fneu	4/3/2020 3:18 PM	NPY File	13,327 KB
iscell	4/3/2020 3:22 PM	NPY File	6 KB
ops	4/3/2020 3:18 PM	NPY File	102,831 KB
spks	4/3/2020 3:19 PM	NPY File	13,327 KB
stat	4/3/2020 3:18 PM	NPY File	3,483 KB

You can reorganize the Fall.mats

> This PC > DATA (D:) > Data > 2p > VIPvsNDNF_response_stimuli_study > NxDB092719M2 > Suite2p analysis > ROI1			
Name	Date	Type	Size
Fall	2/14/2020 1:22 AM	Microsoft Access ...	1,122,496 KB