

BraTS2023_SSA Data Directory Structure

BraTS2023_SSA

BraTS2023_SSA_Training

ASNR-MICCAI-BraTS2023-SSA-Challenge-TrainingData_V2

BraTS-SSA-00002-000

BraTS-SSA-00007-000

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BraTS2023_SSA_Validation

BraTS-SSA-00126-000

BraTS-SSA-00129-000

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Split training data into train_subset and test_subset

train_test_split_ssa.py

Takes source_dir and train_ratio

Pass path of ASNR-MICCAI-BraTS2023-SSA-Challenge-TrainingData_V2 as source_dir

train_ratio of 0.8

creates 'train_subset' and 'test_subset' folders with respective data

Name	Date modified	Type	Size
test_subset	6/20/2024 1:29 PM	File folder	
train_subset	6/20/2024 1:29 PM	File folder	
stack.py	6/20/2024 1:03 PM	Python Source File	6 KB
train_test_split_ssa.py	6/20/2024 11:50 AM	Python Source File	3 KB

stacking four modalities into one

stack.py

Needs to run stack.py 3 times for stacking training, validaiton, and test subsets

Takes source_dir and flag

pass path of 'train_subset' folder as source_dir and 'train' as flag

creates TrainVolumes and TrainSegmentations folders under folder named 'stacked'

pass path of 'test_subset' folder as source_dir and 'test' as flag

creates TestVolumes and TestSegmentations folders under folder named 'stacked'

pass path of 'BRATS2023_SSA_Validation' folder as source_dir and 'val' as flag

creates ValVolumes and ValSegmentations folders under folder named 'stacked'

- stacked
- test_subset
- train_subset
- val_subset
- stack_ssa.py
- train_test_split_ssa.py

- TestSegmentations
- TestVolumes
- TrainSegmentations
- TrainVolumes
- ValSegmentations
- ValVolumes

- BraTS-SSA-00007-000_stacked.nii.gz
- BraTS-SSA-00008-000_stacked.nii.gz
- BraTS-SSA-00011-000_stacked.nii.gz
- BraTS-SSA-00012-000_stacked.nii.gz