

Visualization of comparison results of 10 datasets

Dec 2nd

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Introduction

- Dipy Tissue Classification tutorial:
https://dipy.org/documentation/1.0.0./examples_built/tissue_classification/#example-tissue-classification
- FSL FAST tutorial:<https://fsl.fmrib.ox.ac.uk/fsl/fslwiki/FAST>

csf

wm

gm

Sagittal Slice

test_1_csf_fast

Overlay

test_1_csf_dipy

test_1_gm_fast

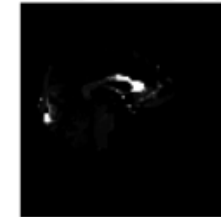
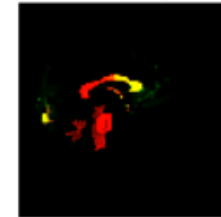
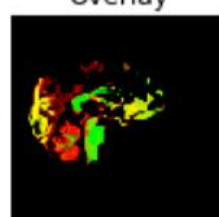
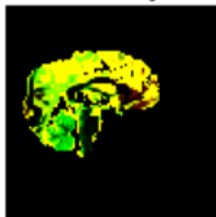
Overlay

test_1_gm_dipy

test_1_wm_fast

Overlay

test_1_wm_dipy



Coronal Slice

test_1_csf_fast

Overlay

test_1_csf_dipy

test_1_gm_fast

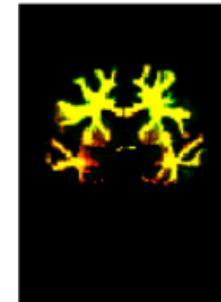
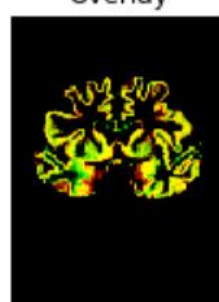
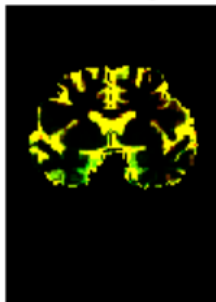
Overlay

test_1_gm_dipy

test_1_wm_fast

Overlay

test_1_wm_dipy



Axial Slice

test_1_csf_fast

Overlay

test_1_csf_dipy

test_1_gm_fast

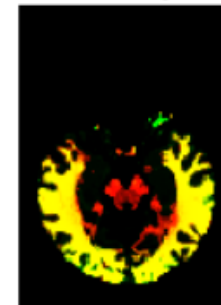
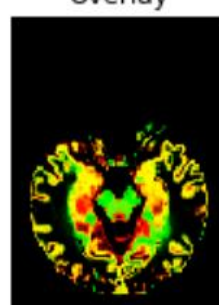
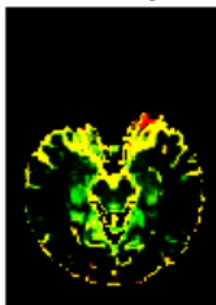
Overlay

test_1_gm_dipy

test_1_wm_fast

Overlay

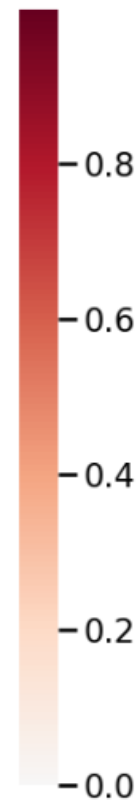
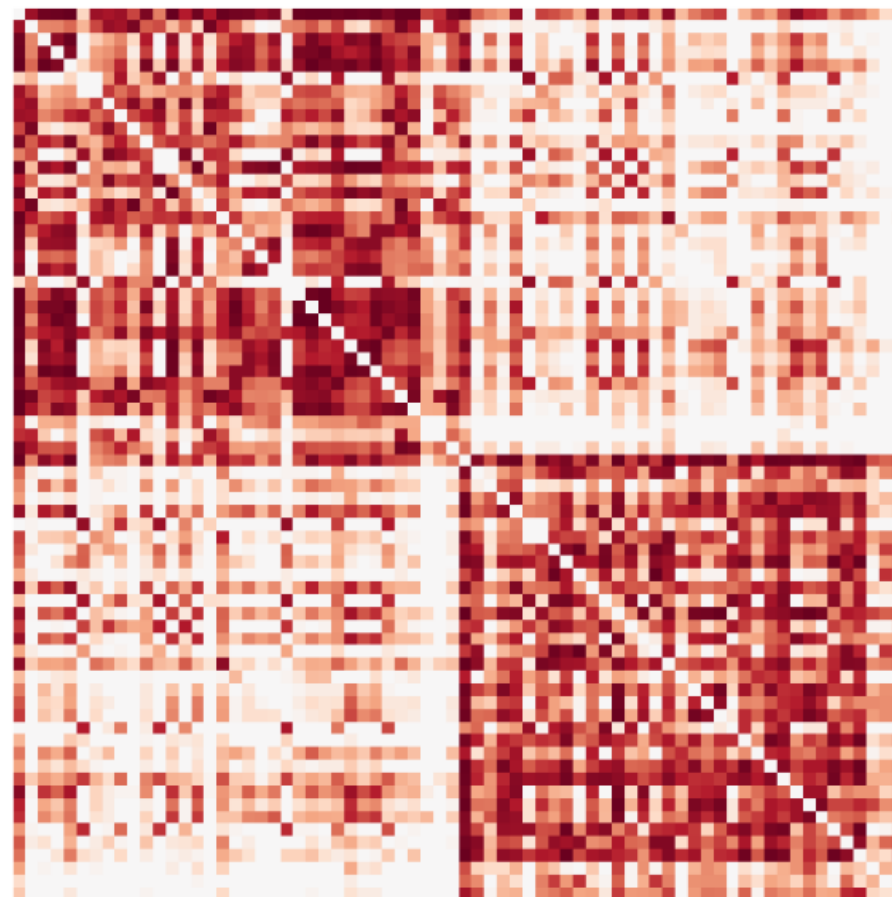
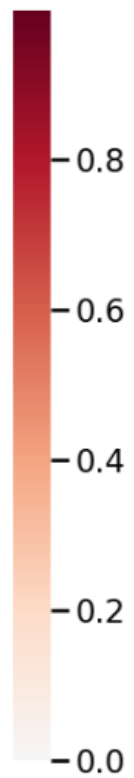
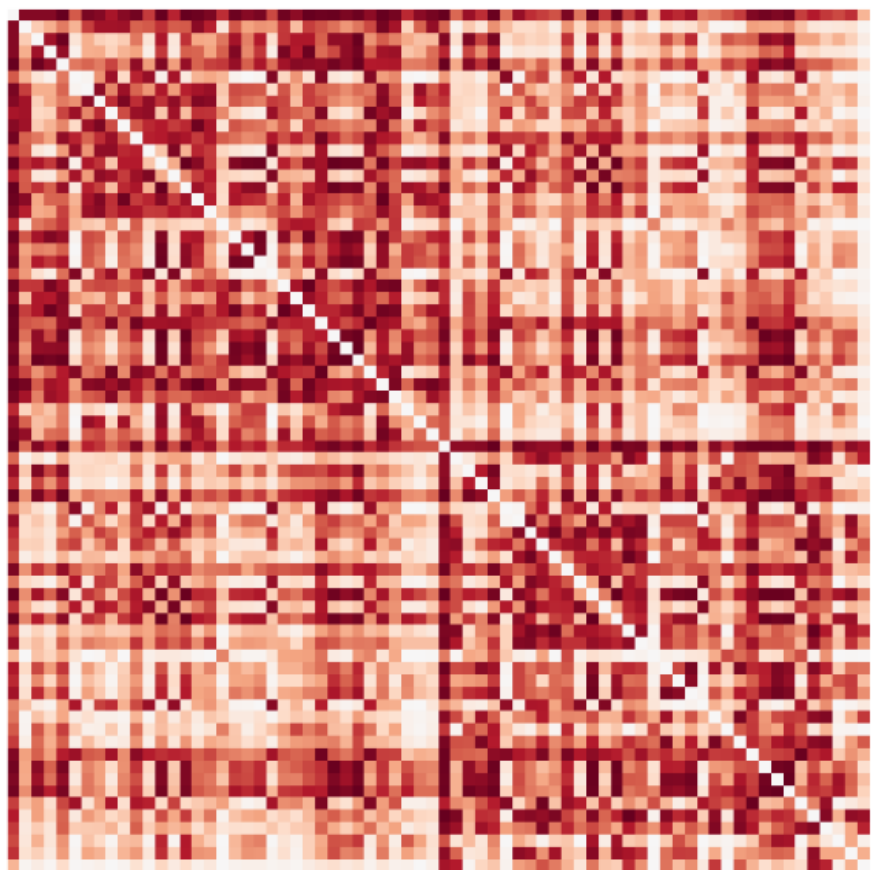
test_1_wm_dipy



0.8609

0.7004

0.7950



csf

wm

gm

Sagittal Slice

test_2_csf_fast

Overlay

test_2_csf_dipy

test_2_gm_fast

Overlay

test_2_gm_dipy

test_2_wm_fast

Overlay

test_2_wm_dipy

Coronal Slice

test_2_csf_fast

Overlay

test_2_csf_dipy

test_2_gm_fast

Overlay

test_2_gm_dipy

test_2_wm_fast

Overlay

test_2_wm_dipy

Axial Slice

test_2_csf_fast

Overlay

test_2_csf_dipy

test_2_gm_fast

Overlay

test_2_gm_dipy

test_2_wm_fast

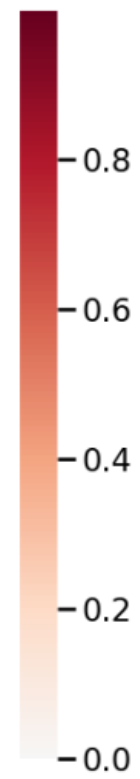
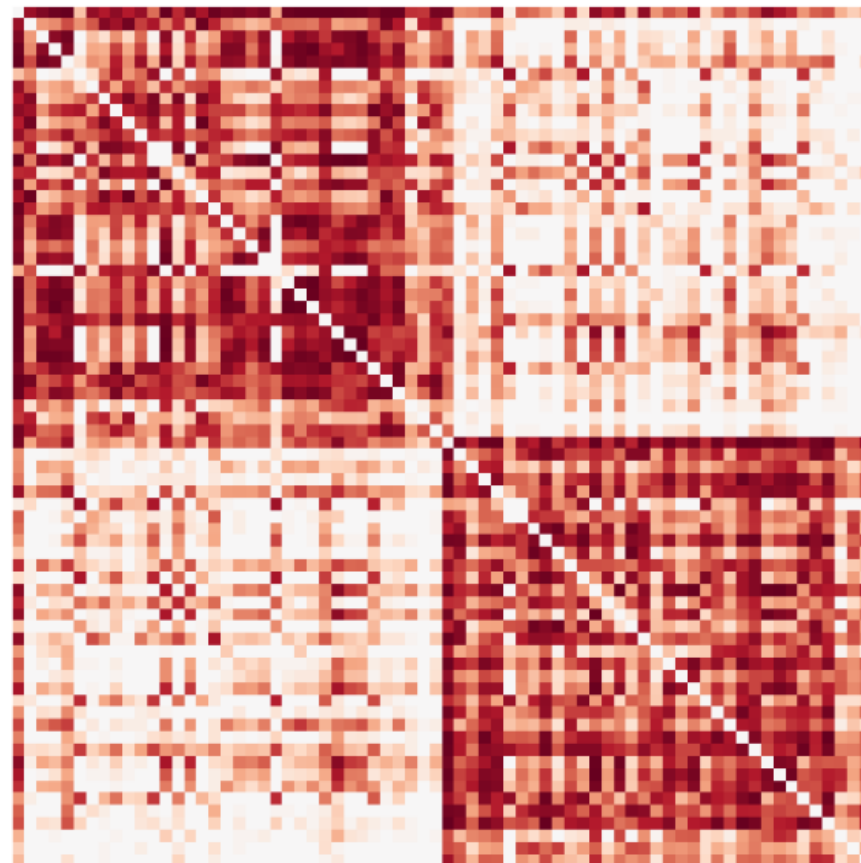
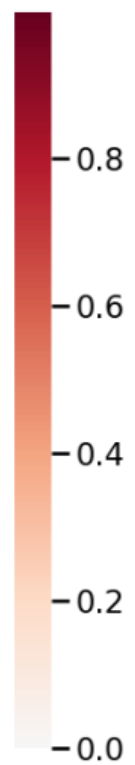
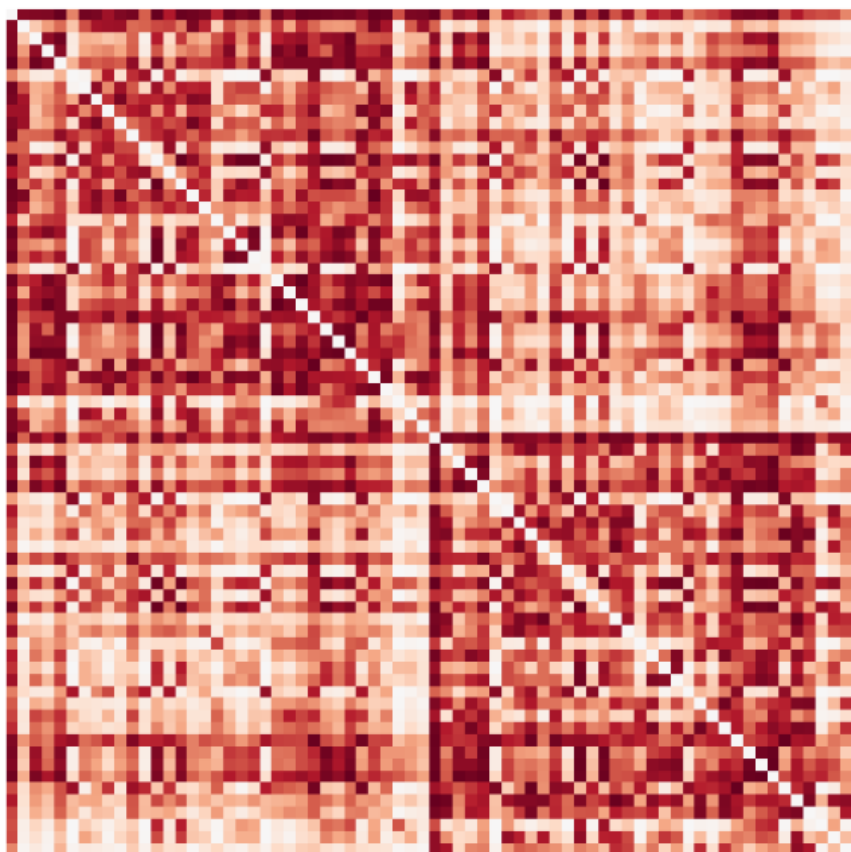
Overlay

test_2_wm_dipy

0.8609

0.7004

0.7950



csf

wm

gm

Sagittal Slice

test_3_csf_fast

Overlay

test_3_csf_dipy

test_3_gm_fast

Overlay

test_3_gm_dipy

test_3_wm_fast

Overlay

test_3_wm_dipy

test_3_csf_fast

Overlay

test_3_csf_dipy

test_3_gm_fast

Overlay

test_3_gm_dipy

test_3_wm_fast

Overlay

test_3_wm_dipy

test_3_csf_fast

Overlay

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test_3_gm_fast

Overlay

test_3_gm_dipy

test_3_wm_fast

Overlay

test_3_wm_dipy

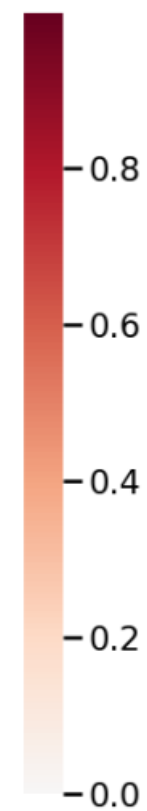
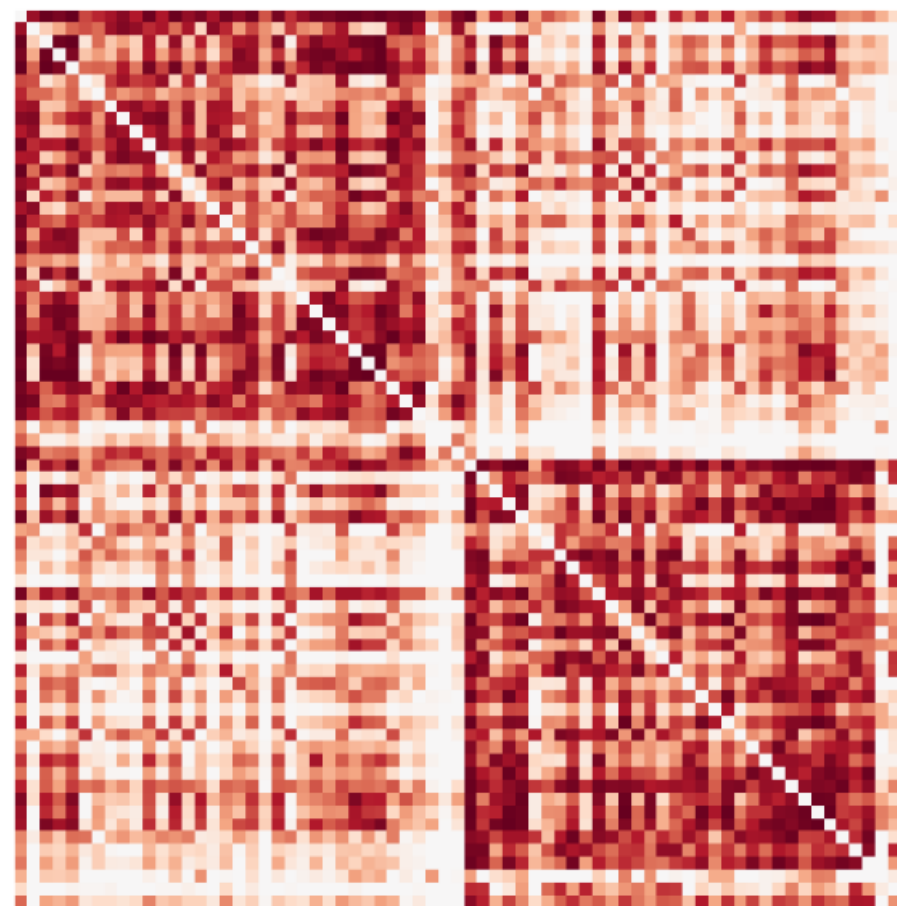
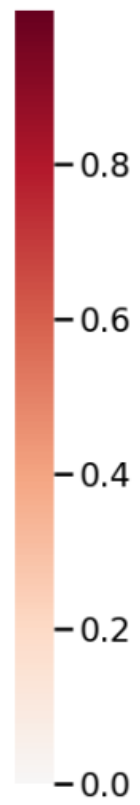
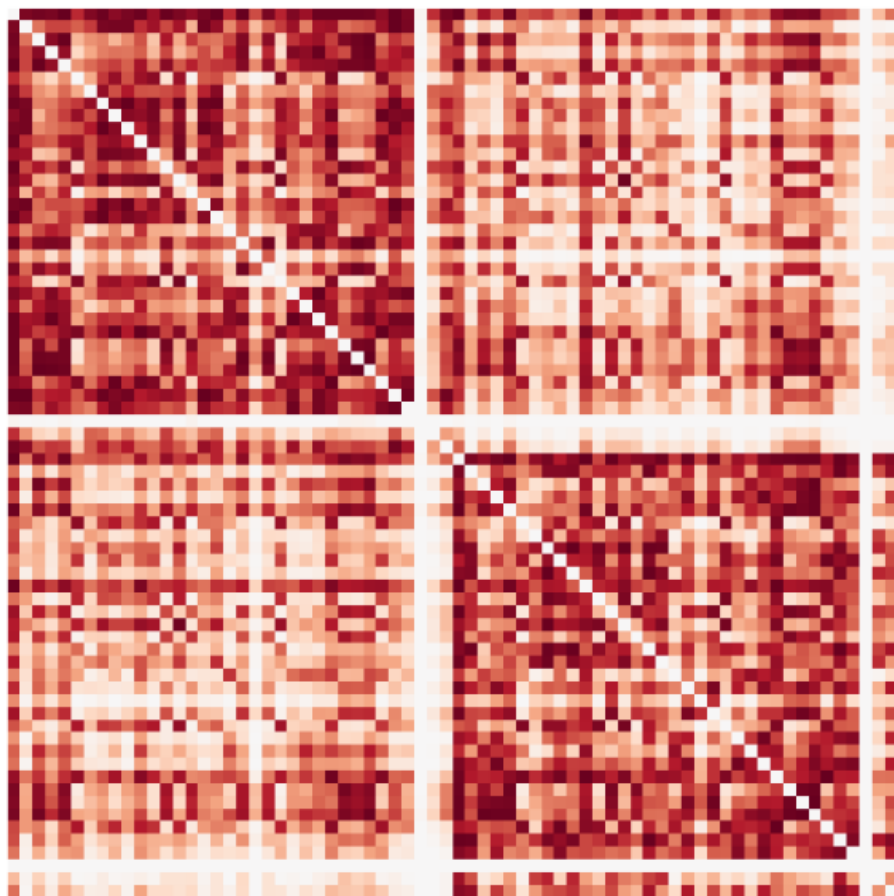
Coronal Slice

Axial Slice

0.9353

0.9167

0.9569



csf

wm

gm

Sagittal Slice

test_4_csf_fast

Overlay

test_4_csf_dipy

test_4_gm_fast

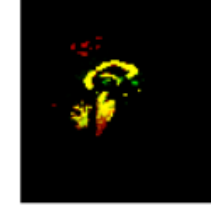
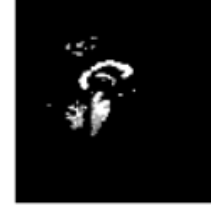
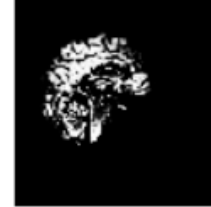
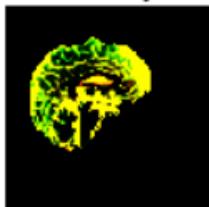
Overlay

test_4_gm_dipy

test_4_wm_fast

Overlay

test_4_wm_dipy



Coronal Slice

test_4_csf_fast

Overlay

test_4_csf_dipy

test_4_gm_fast

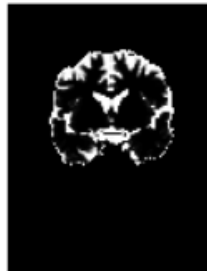
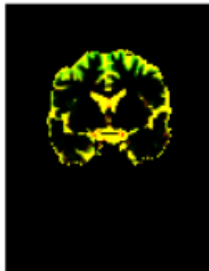
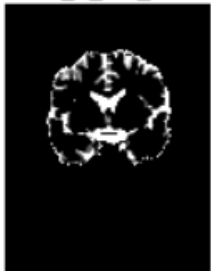
Overlay

test_4_gm_dipy

test_4_wm_fast

Overlay

test_4_wm_dipy



Axial Slice

test_4_csf_fast

Overlay

test_4_csf_dipy

test_4_gm_fast

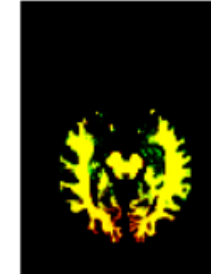
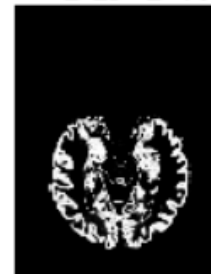
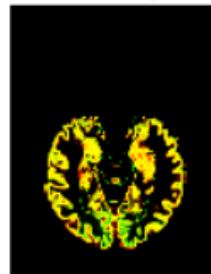
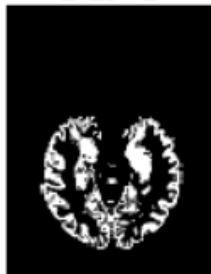
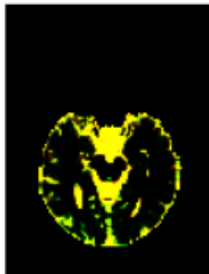
Overlay

test_4_gm_dipy

test_4_wm_fast

Overlay

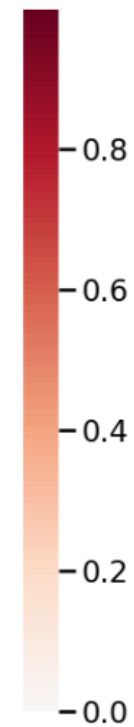
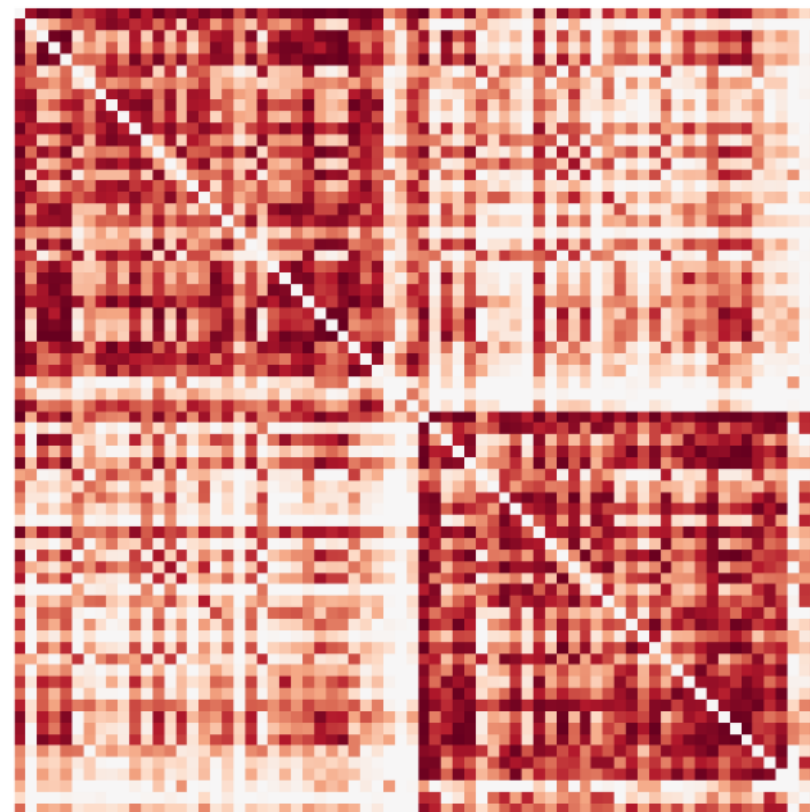
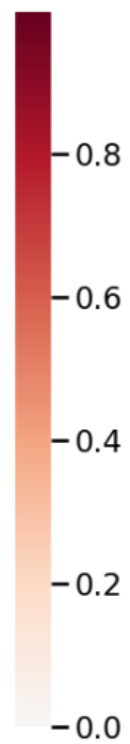
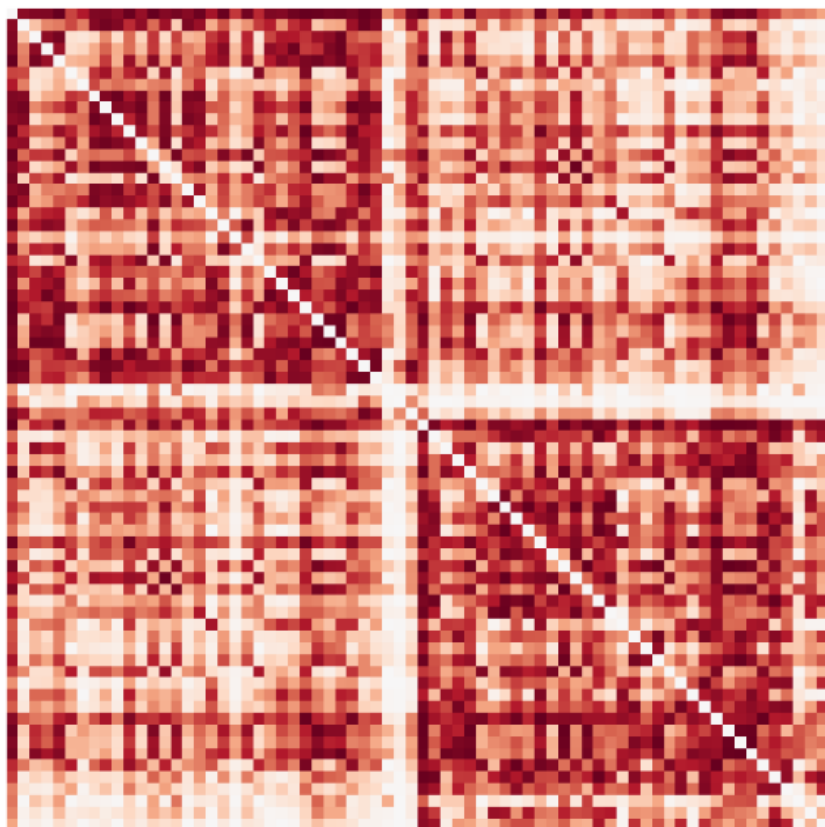
test_4_wm_dipy



0.9353

0.9167

0.9569



csf

wm

gm

Sagittal Slice

test_5_csf_fast

Overlay

test_5_csf_dipy

test_5_gm_fast

Overlay

test_5_gm_dipy

test_5_wm_fast

Overlay

test_5_wm_dipy

test_5_csf_fast

Overlay

test_5_csf_dipy

test_5_gm_fast

Overlay

test_5_gm_dipy

test_5_wm_fast

Overlay

test_5_wm_dipy

Coronal Slice

test_5_csf_fast

Overlay

test_5_csf_dipy

test_5_gm_fast

Overlay

test_5_gm_dipy

test_5_wm_fast

Overlay

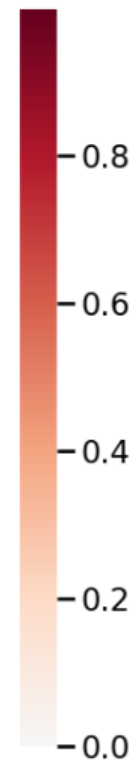
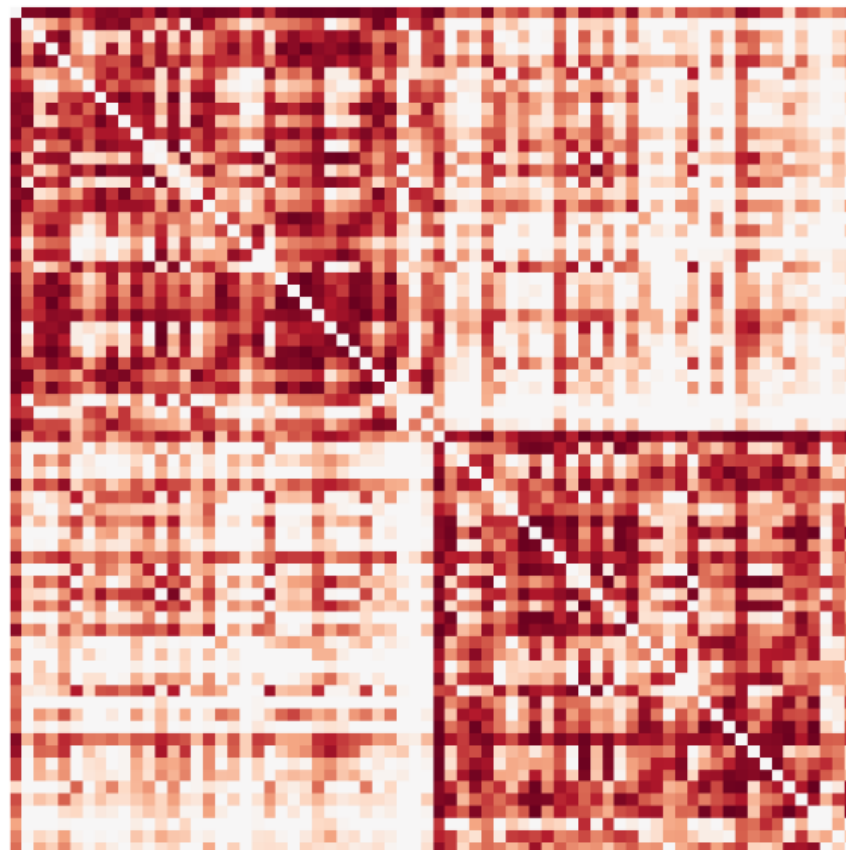
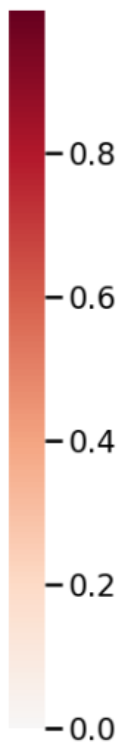
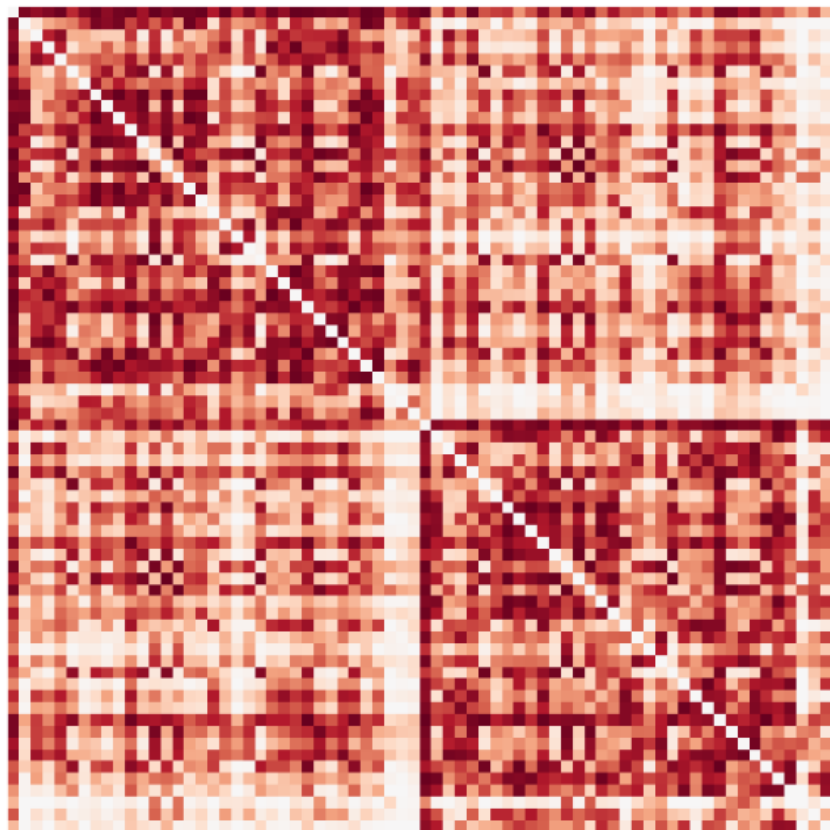
test_5_wm_dipy

Axial Slice

0.9279

0.9058

0.9446



csf

wm

gm

Sagittal Slice

test_6_csf_fast

Overlay

test_6_csf_dipy

test_6_gm_fast

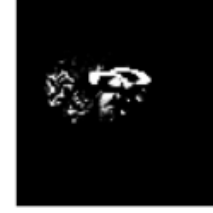
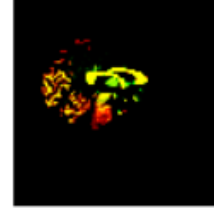
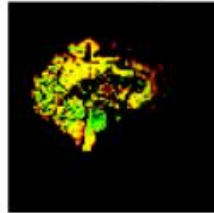
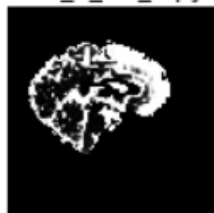
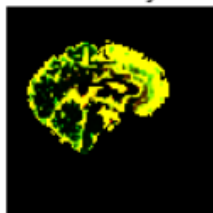
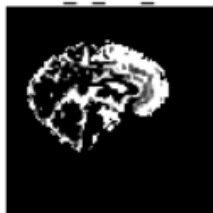
Overlay

test_6_gm_dipy

test_6_wm_fast

Overlay

test_6_wm_dipy



Coronal Slice

test_6_csf_fast

Overlay

test_6_csf_dipy

test_6_gm_fast

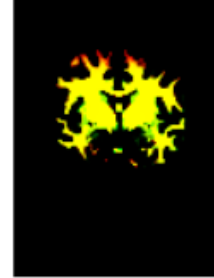
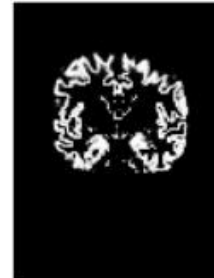
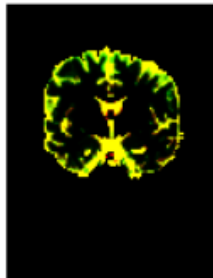
Overlay

test_6_gm_dipy

test_6_wm_fast

Overlay

test_6_wm_dipy



Axial Slice

test_6_csf_fast

Overlay

test_6_csf_dipy

test_6_gm_fast

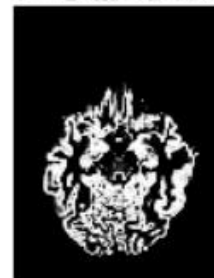
Overlay

test_6_gm_dipy

test_6_wm_fast

Overlay

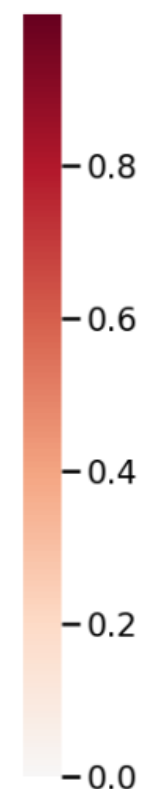
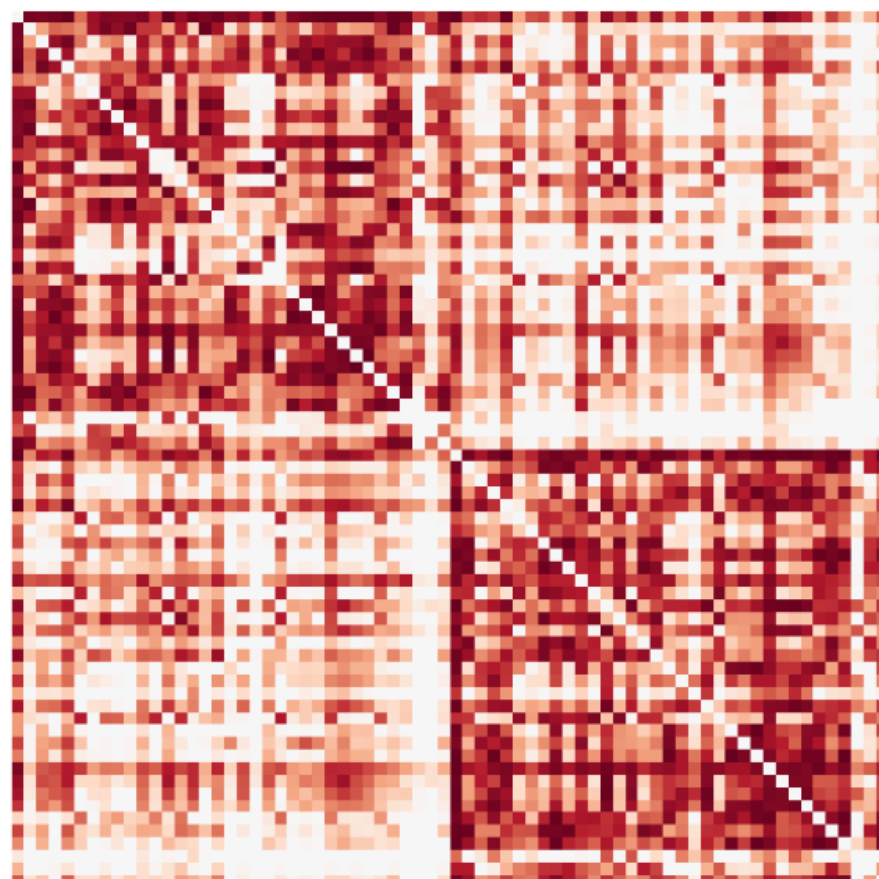
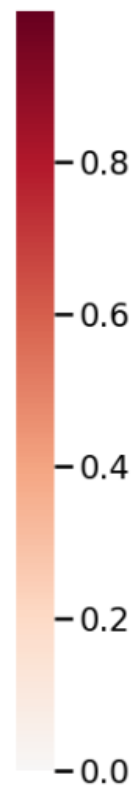
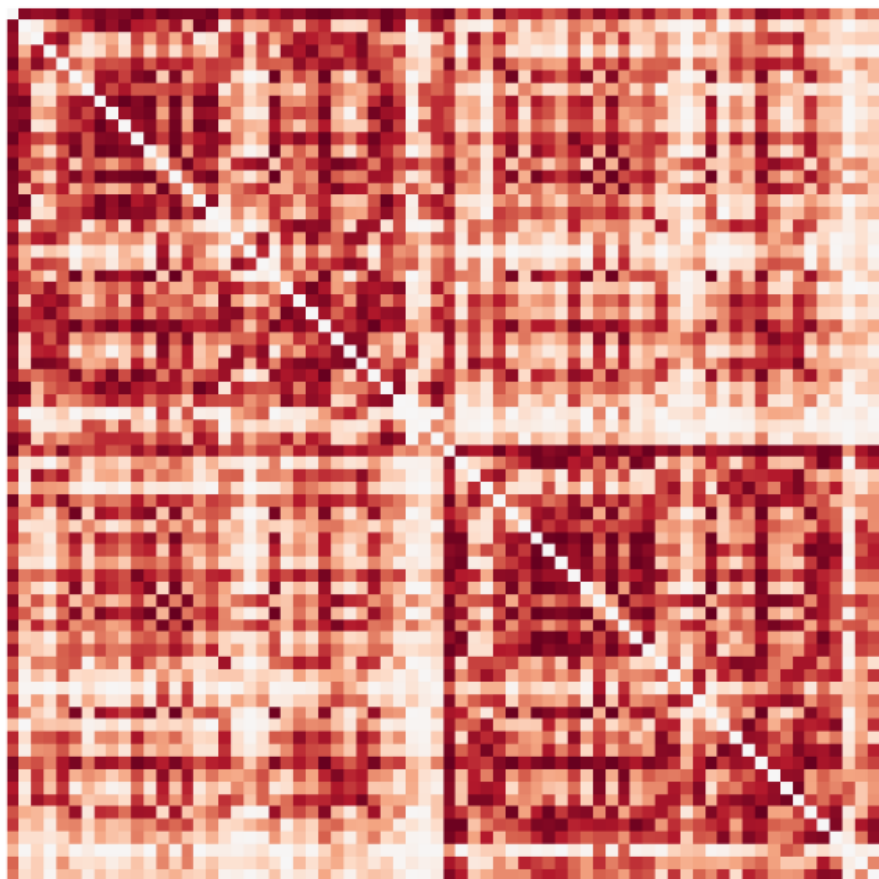
test_6_wm_dipy



0.9279

0.9058

0.9446



csf

wm

gm

Sagittal Slice

test_7_csf_fast

Overlay

test_7_csf_dipy

test_7_gm_fast

Overlay

test_7_gm_dipy

test_7_wm_fast

Overlay

test_7_wm_dipy

test_7_csf_fast

Overlay

test_7_csf_dipy

test_7_gm_fast

Overlay

test_7_gm_dipy

test_7_wm_fast

Overlay

test_7_wm_dipy

Coronal Slice

test_7_csf_fast

Overlay

test_7_csf_dipy

test_7_gm_fast

Overlay

test_7_gm_dipy

test_7_wm_fast

Overlay

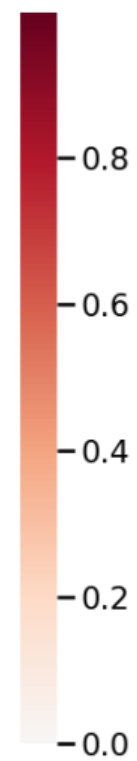
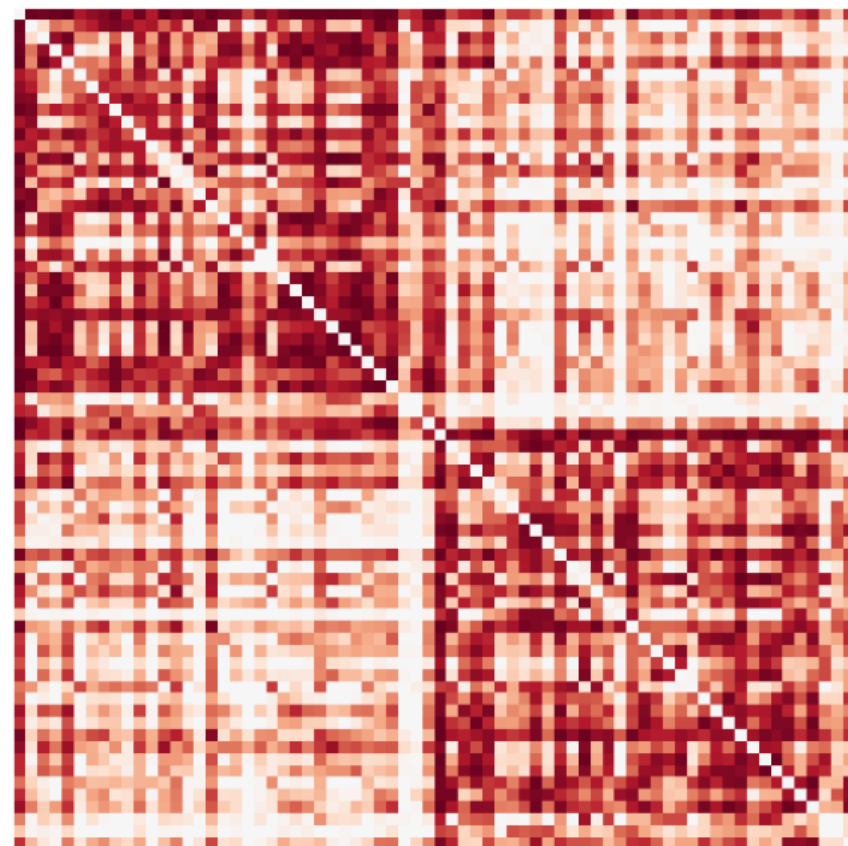
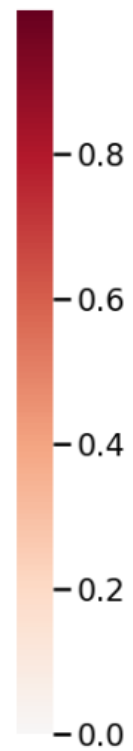
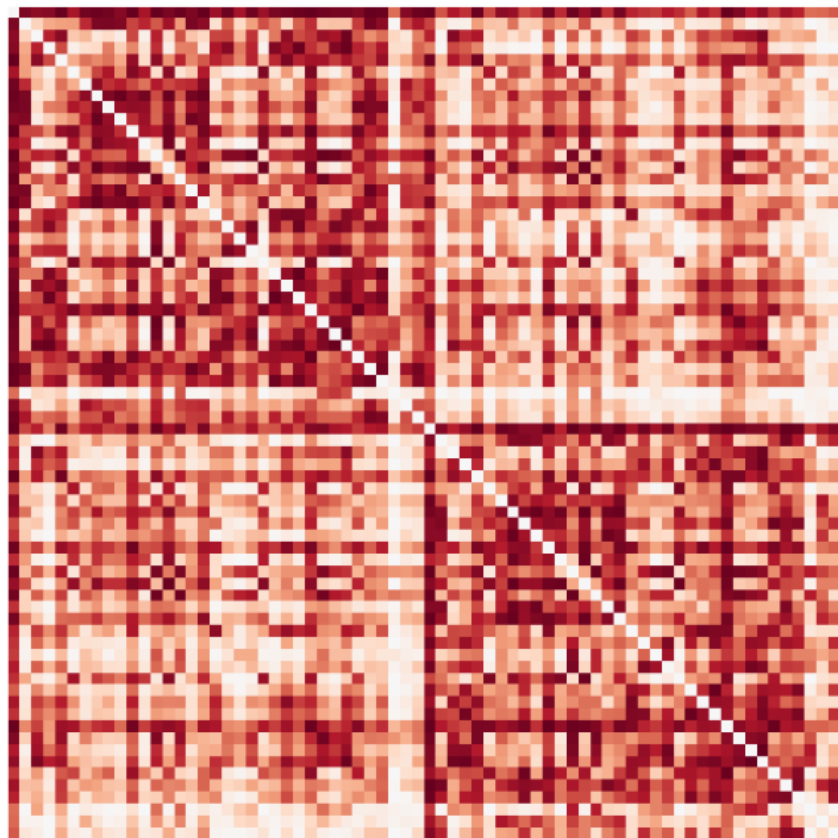
test_7_wm_dipy

Axial Slice

0.9206

0.9063

0.9494



csf

wm

gm

Sagittal Slice

test_8_csf_fast

Overlay

test_8_csf_dipy

test_8_gm_fast

Overlay

test_8_gm_dipy

test_8_wm_fast

Overlay

test_8_wm_dipy

test_8_csf_fast

Overlay

test_8_csf_dipy

test_8_gm_fast

Overlay

test_8_gm_dipy

test_8_wm_fast

Overlay

test_8_wm_dipy

Coronal Slice

test_8_csf_fast

Overlay

test_8_csf_dipy

test_8_gm_fast

Overlay

test_8_gm_dipy

test_8_wm_fast

Overlay

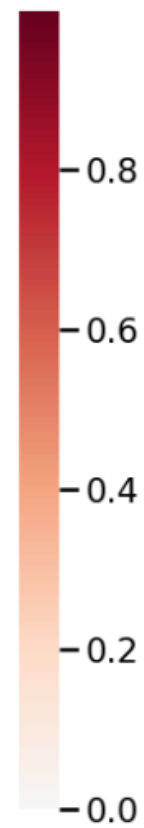
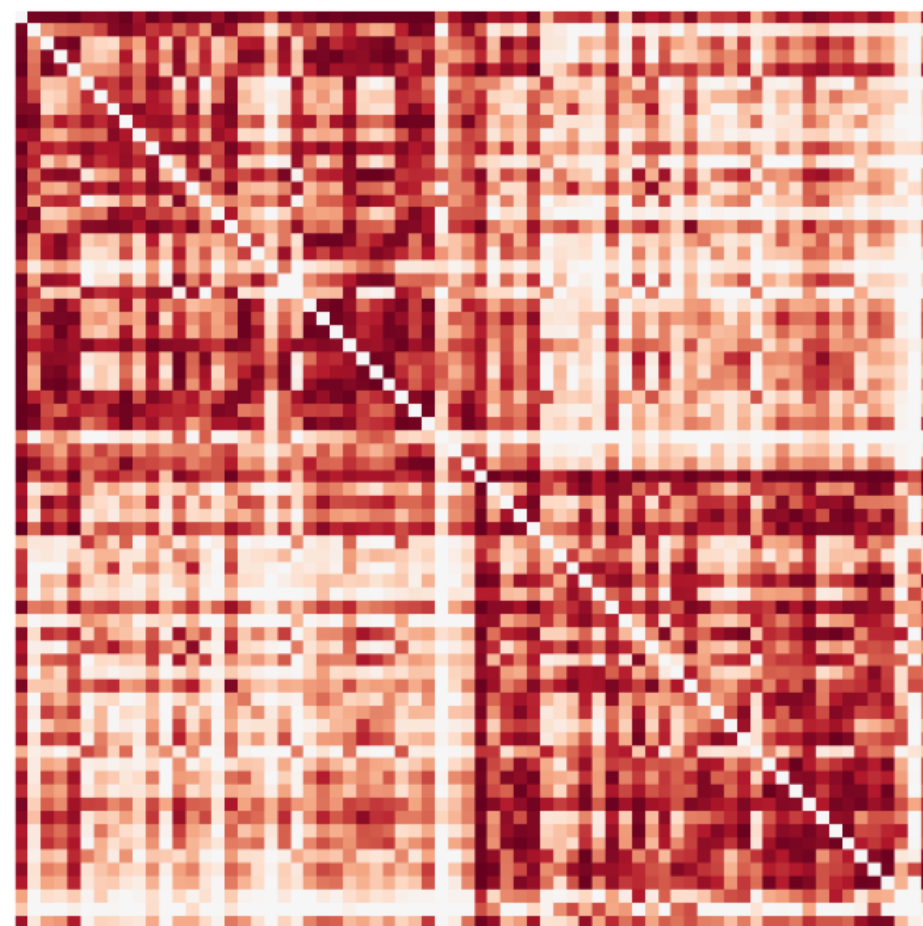
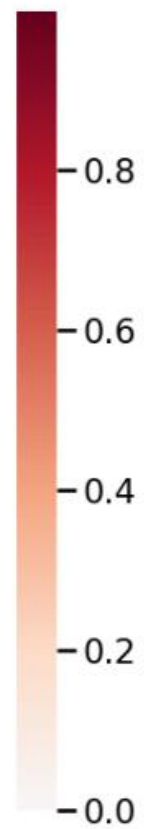
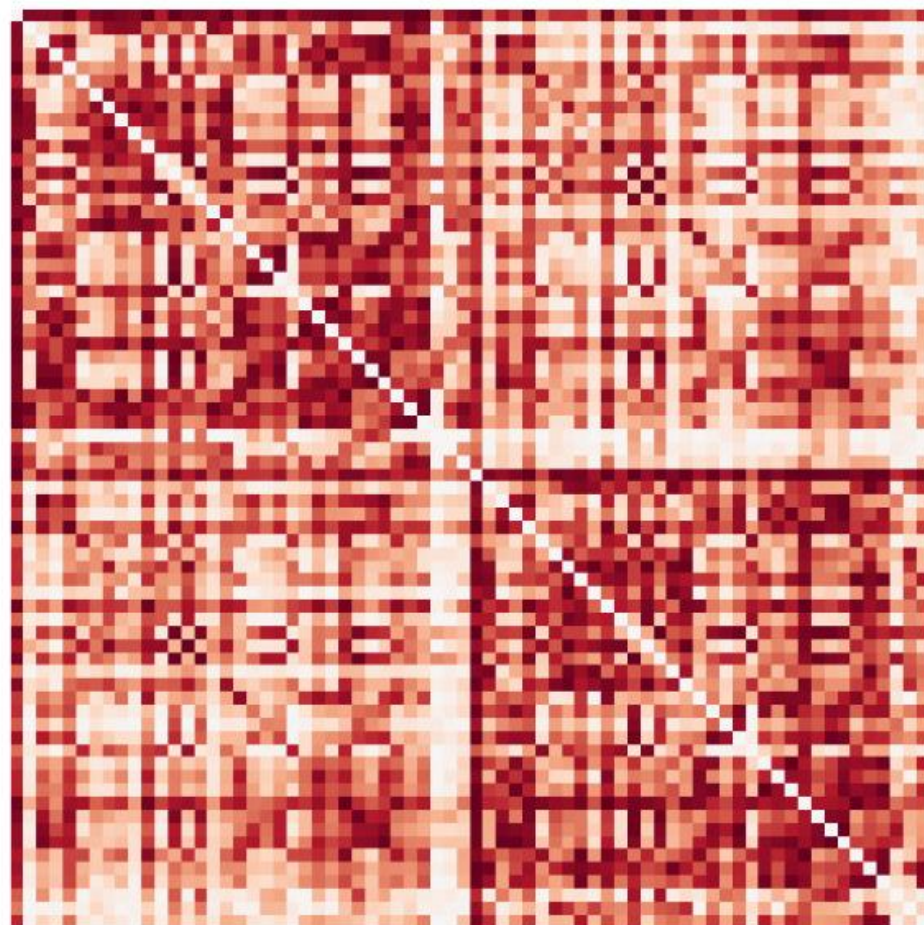
test_8_wm_dipy

Axial Slice

0.9206

0.9063

0.9494



csf

wm

gm

Sagittal Slice

test_9_csf_fast

Overlay

test_9_csf_dipy

test_9_gm_fast

Overlay

test_9_gm_dipy

test_9_wm_fast

Overlay

test_9_wm_dipy

test_9_csf_fast

Overlay

test_9_csf_dipy

test_9_gm_fast

Overlay

test_9_gm_dipy

test_9_wm_fast

Overlay

test_9_wm_dipy

Coronal Slice

test_9_csf_fast

Overlay

test_9_csf_dipy

test_9_gm_fast

Overlay

test_9_gm_dipy

test_9_wm_fast

Overlay

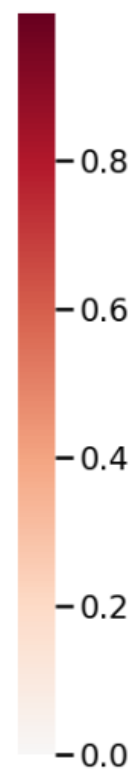
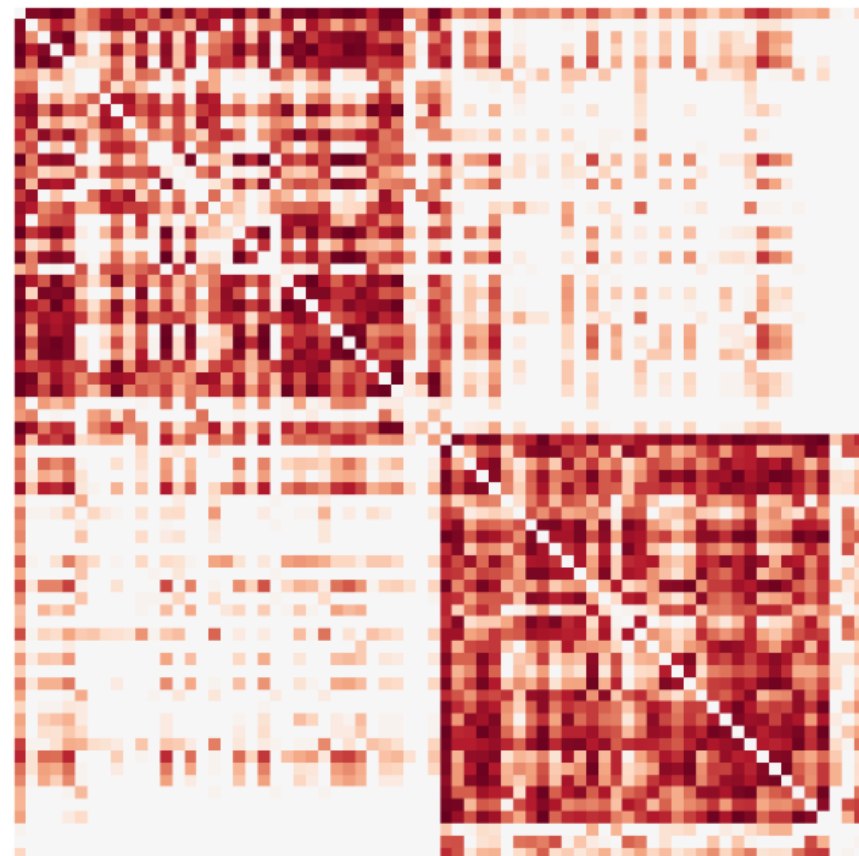
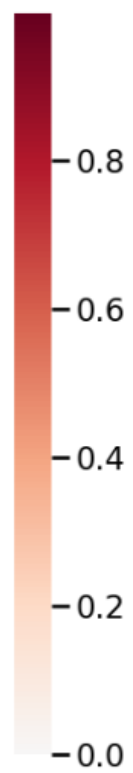
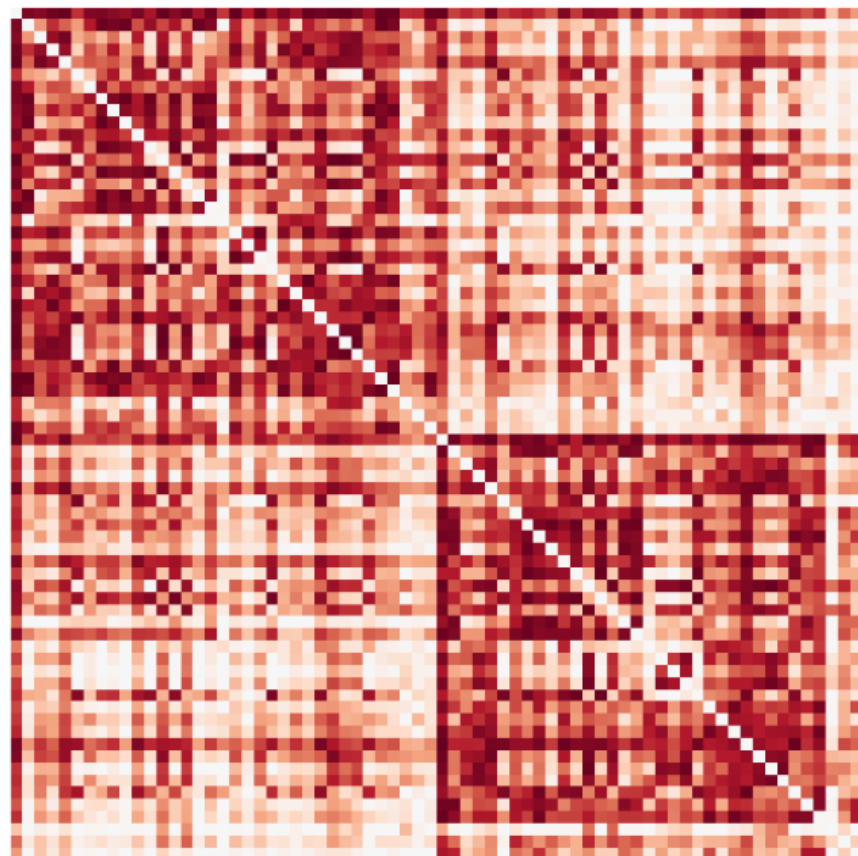
test_9_wm_dipy

Axial Slice

0.9330

0.8688

0.9574



csf

wm

gm

Sagittal Slice

test_10_csf_fast

Overlay

test_10_csf_dipy

test_10_gm_fast

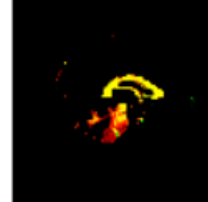
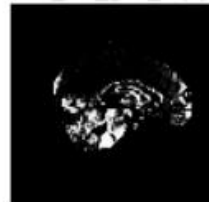
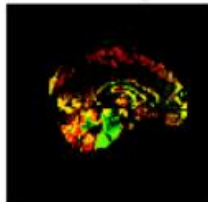
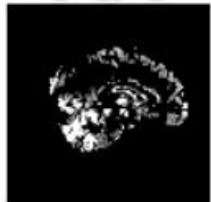
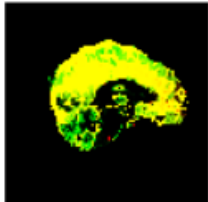
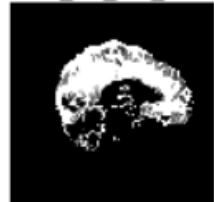
Overlay

test_10_gm_dipy

test_10_wm_fast

Overlay

test_10_wm_dipy



Coronal Slice

test_10_csf_fast

Overlay

test_10_csf_dipy

test_10_gm_fast

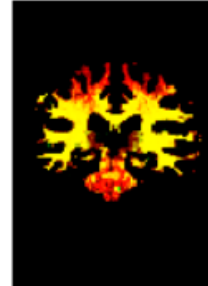
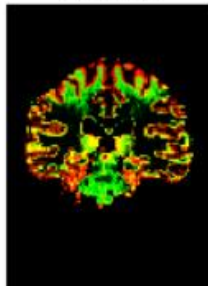
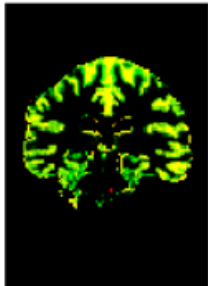
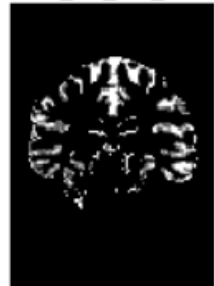
Overlay

test_10_gm_dipy

test_10_wm_fast

Overlay

test_10_wm_dipy



Axial Slice

test_10_csf_fast

Overlay

test_10_csf_dipy

test_10_gm_fast

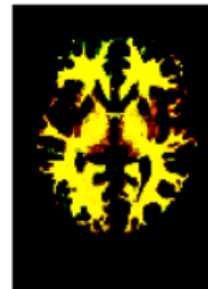
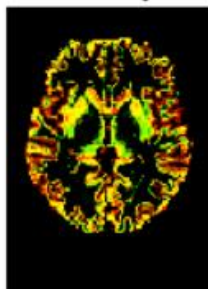
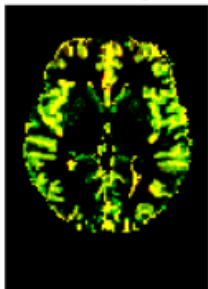
Overlay

test_10_gm_dipy

test_10_wm_fast

Overlay

test_10_wm_dipy



0.8365

0.7011

0.9061

