
Table of Contents

.....	1
SBM ICA Parameters	1
ICASSO Plots	2
SBM components	2
PCA components variance summary	13
ICA components variance summary	14
Kurtosis of loading coefficients and spatial maps	14
FNC correlations of subject loadings	16
FNC metrics of component spatial maps	17

SBM ICA Parameters

.....

Number of Independent Components : 12

ICA Algorithm : Infomax

Number Of Subjects : 103

Mask File : Default Mask Created From Structural Data

PCA Type : Standard

Scaling Components : Z-scores

Stability analysis type : none

*Anatomical file: /Users/christopherweise/Desktop/gift-master/GroupICAT/icatb/
icatb_templates/ch2bet_3x3x3.nii*

Slice Plane: Axial

Image values: Positive and negative

Convert to Z-scores: yes

Threshold: 2

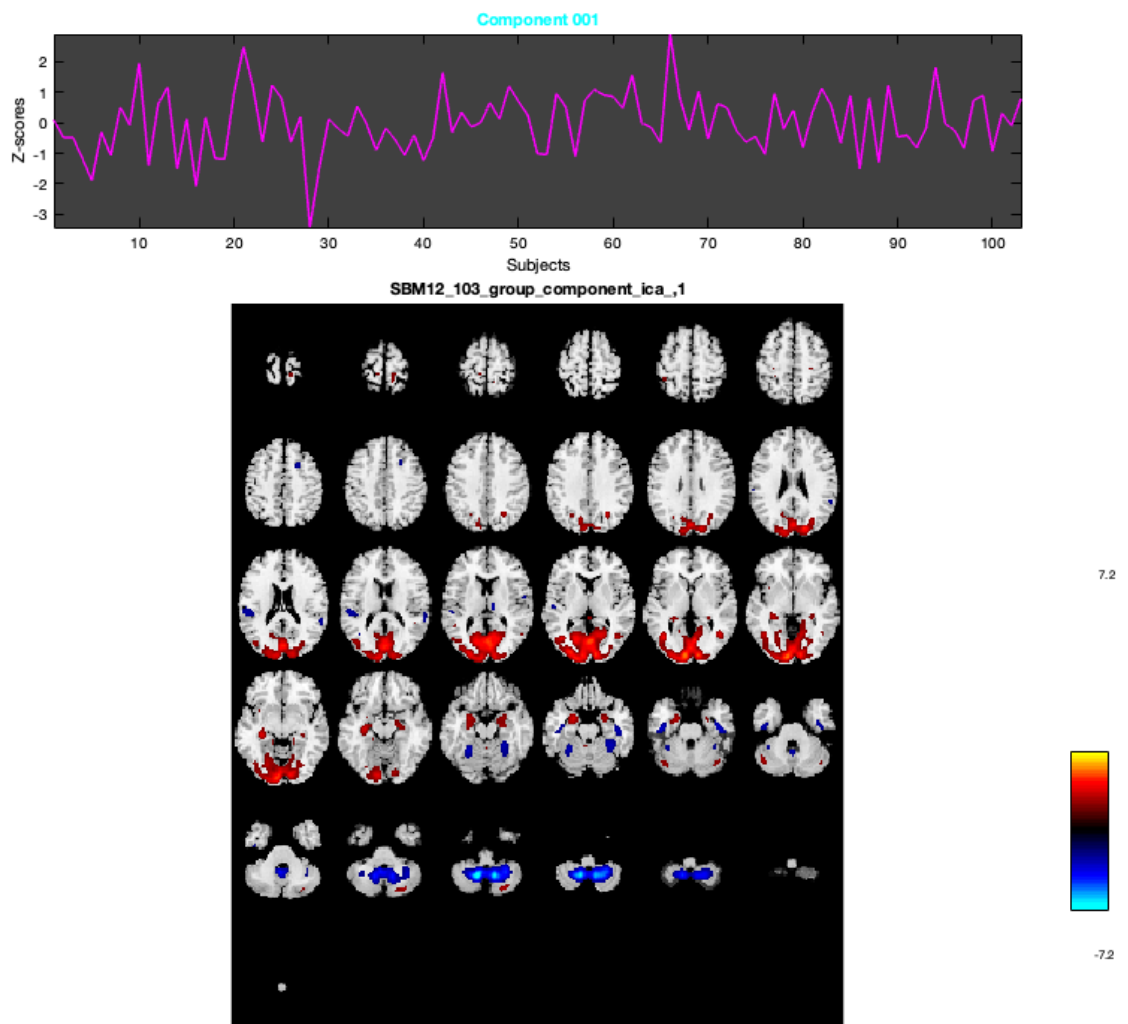
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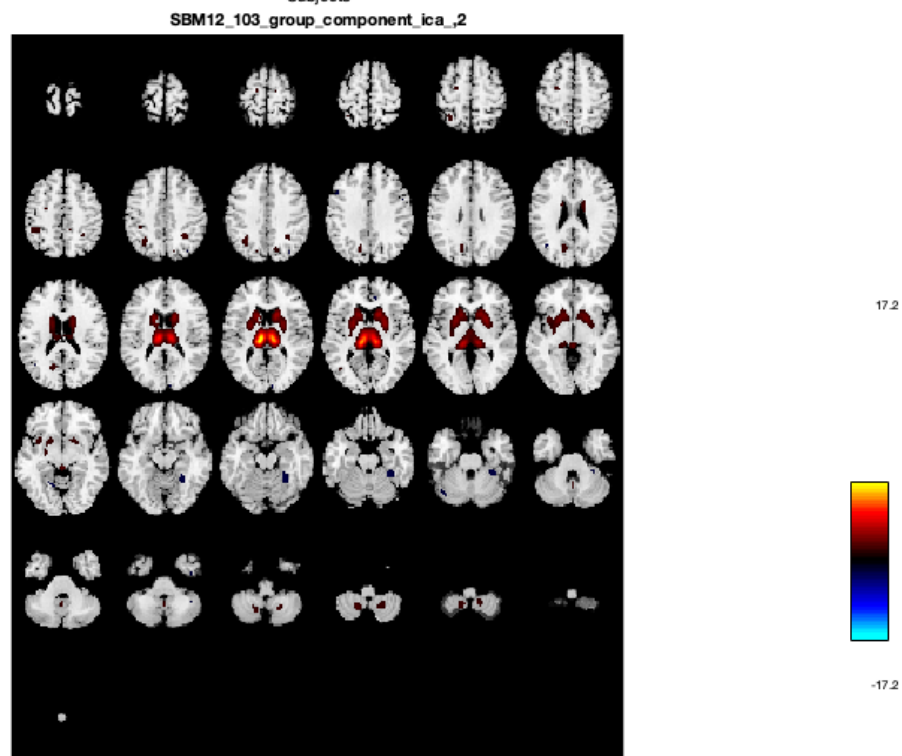
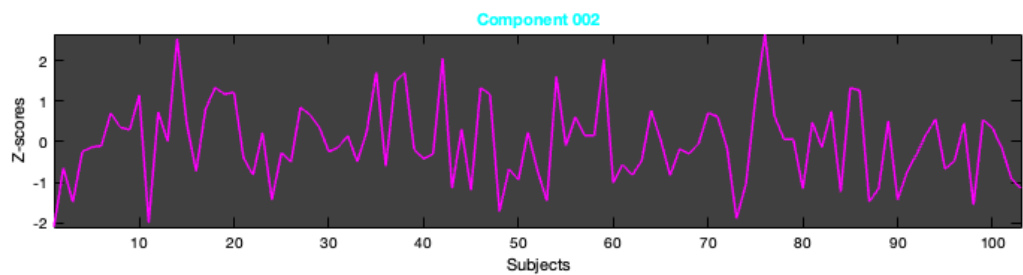
ICASSO Plots

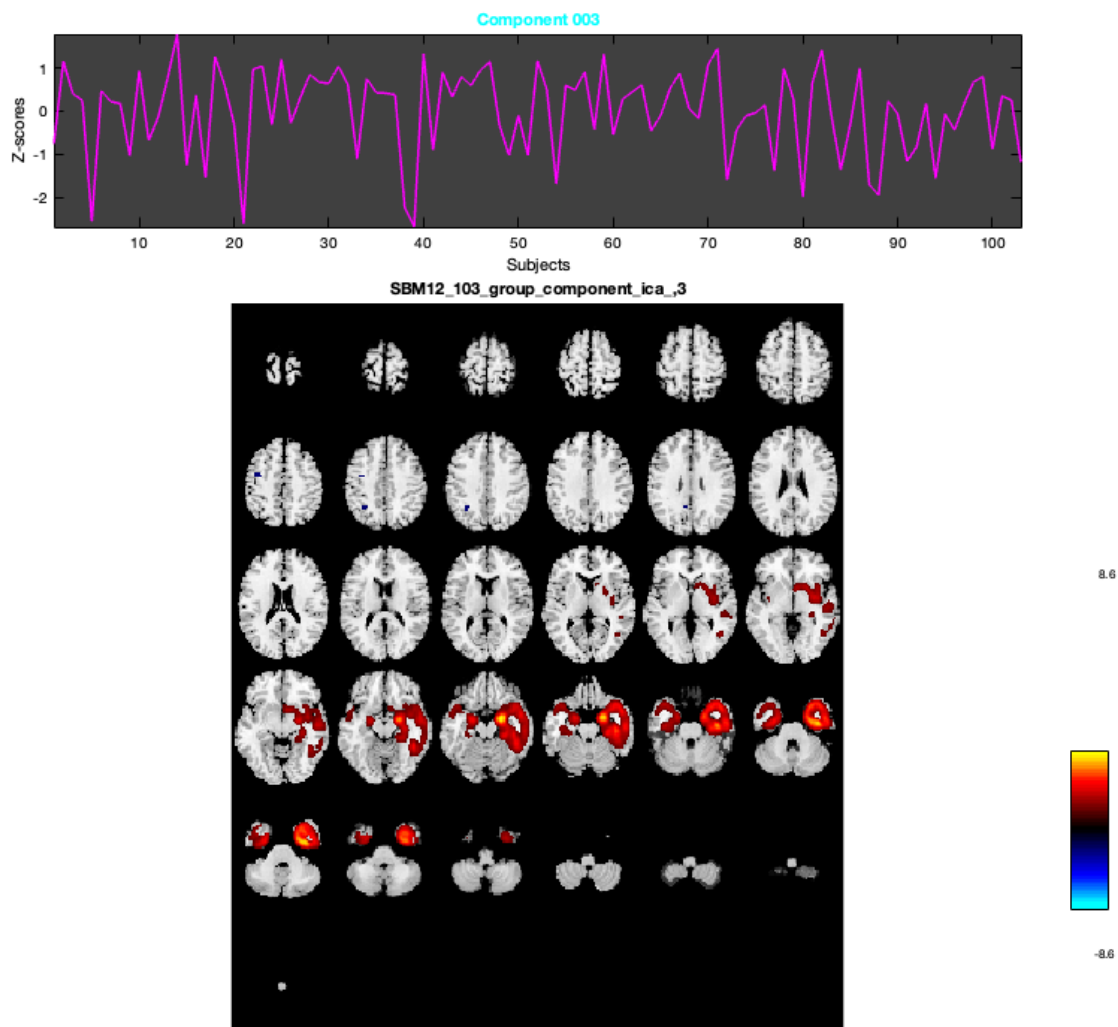
SBM components

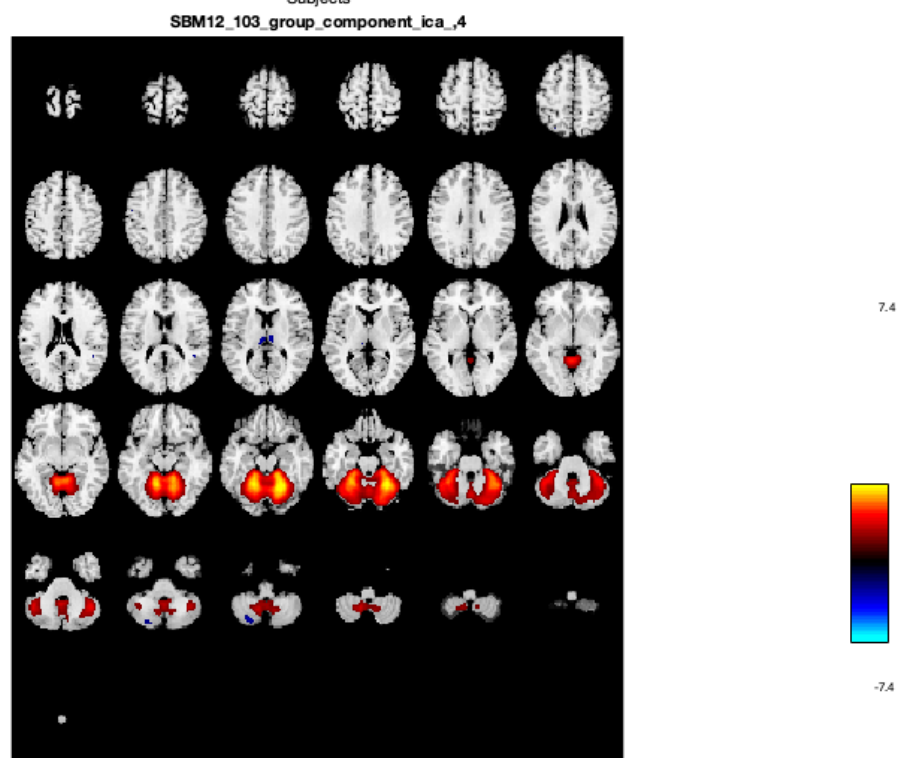
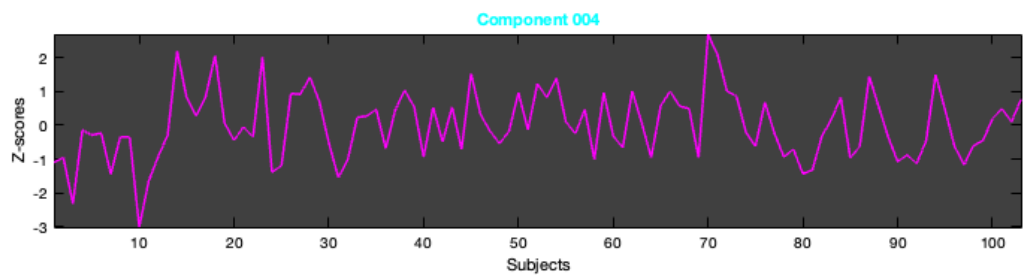
Group spatial maps and subject loading coefficients

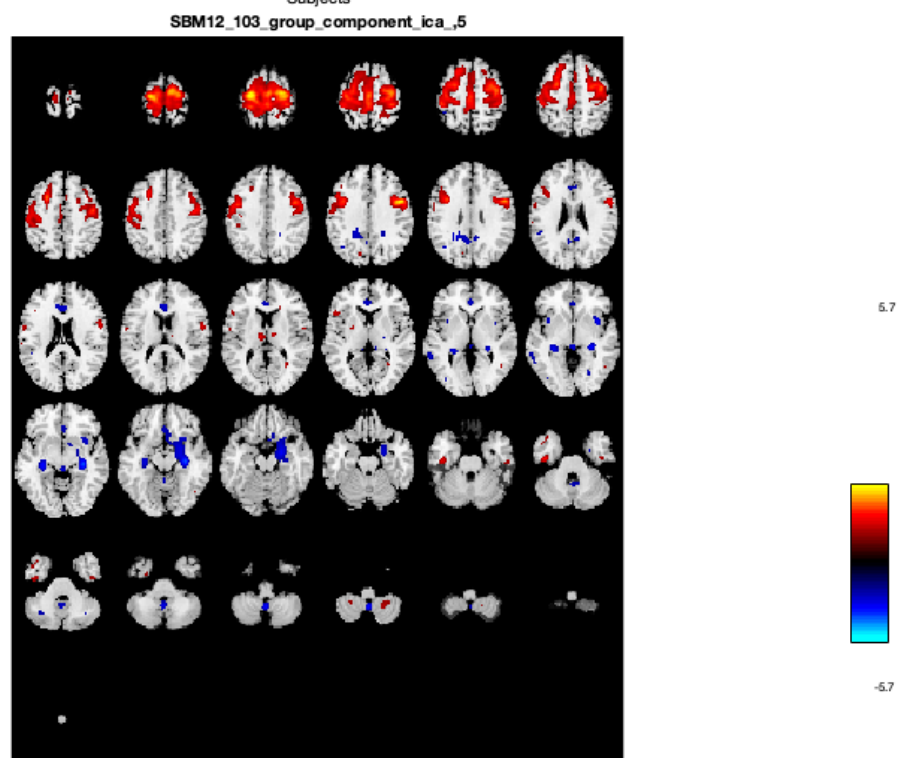
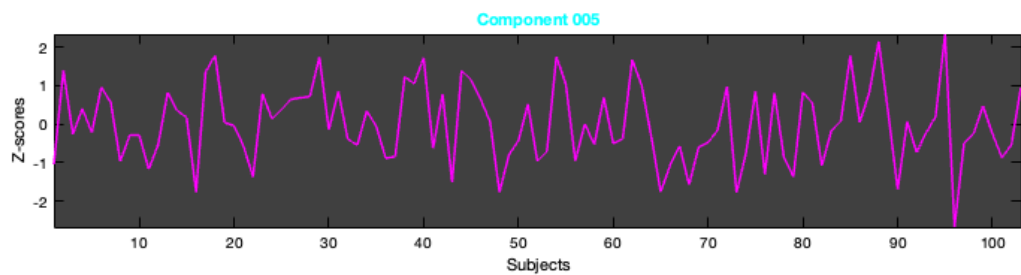
- a) Subject loading coefficients
- b) Group spatial maps

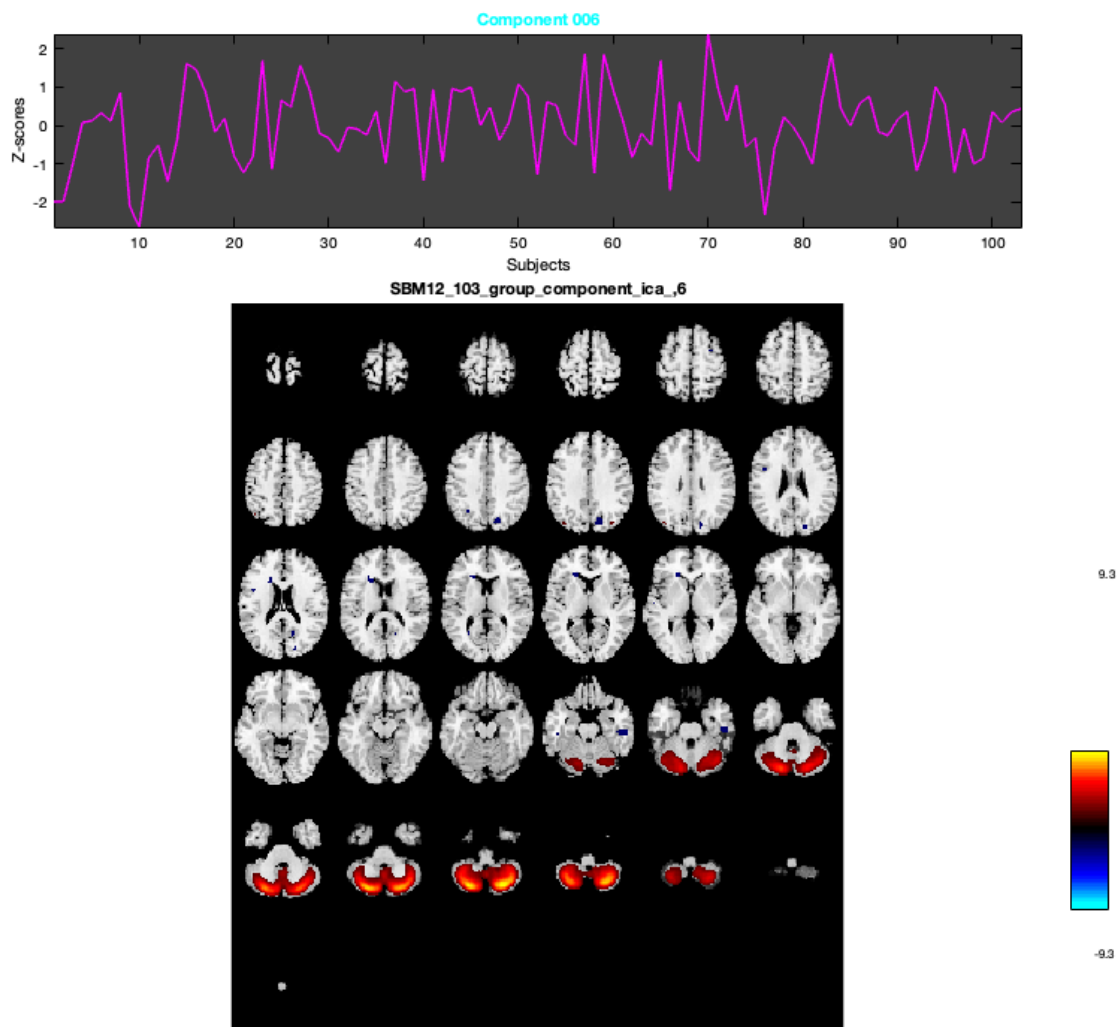


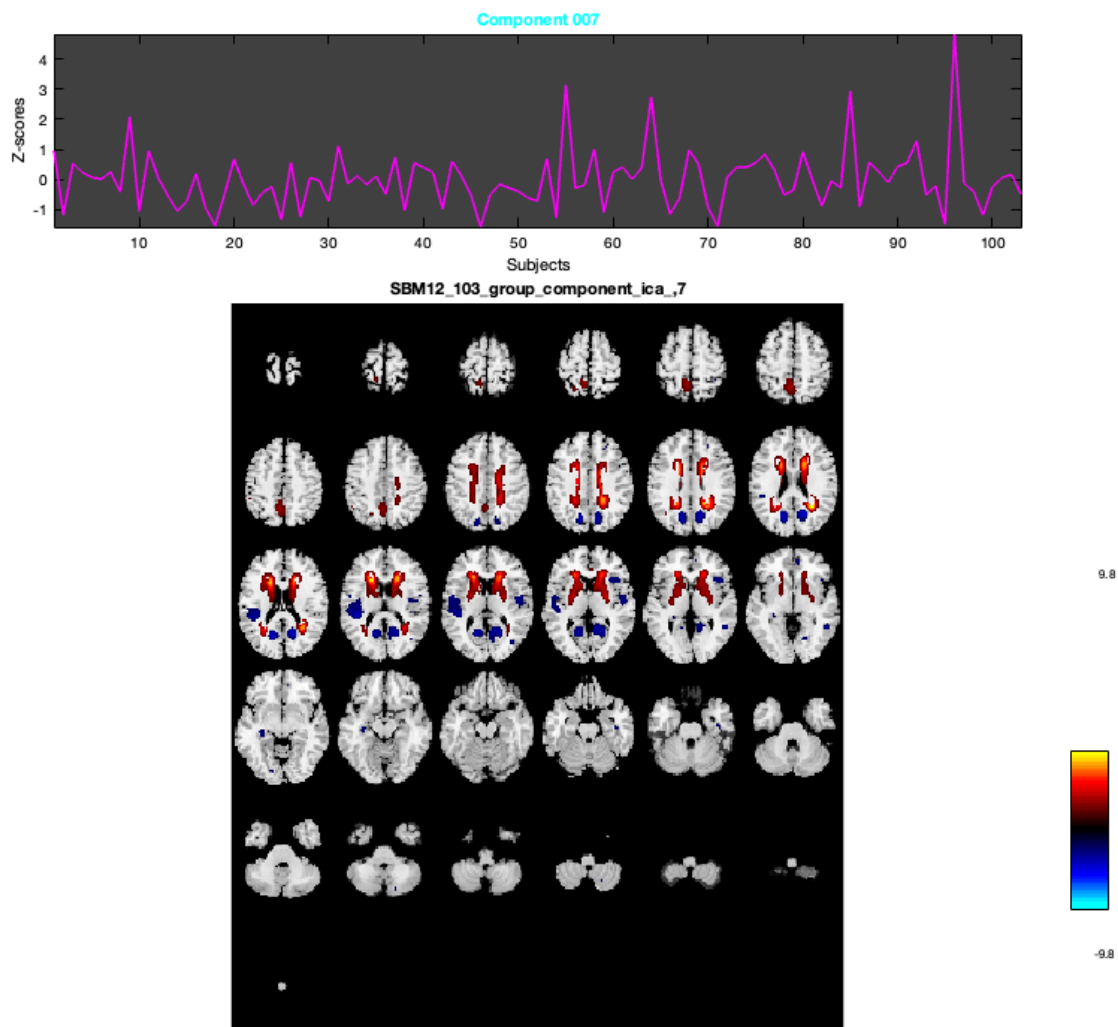


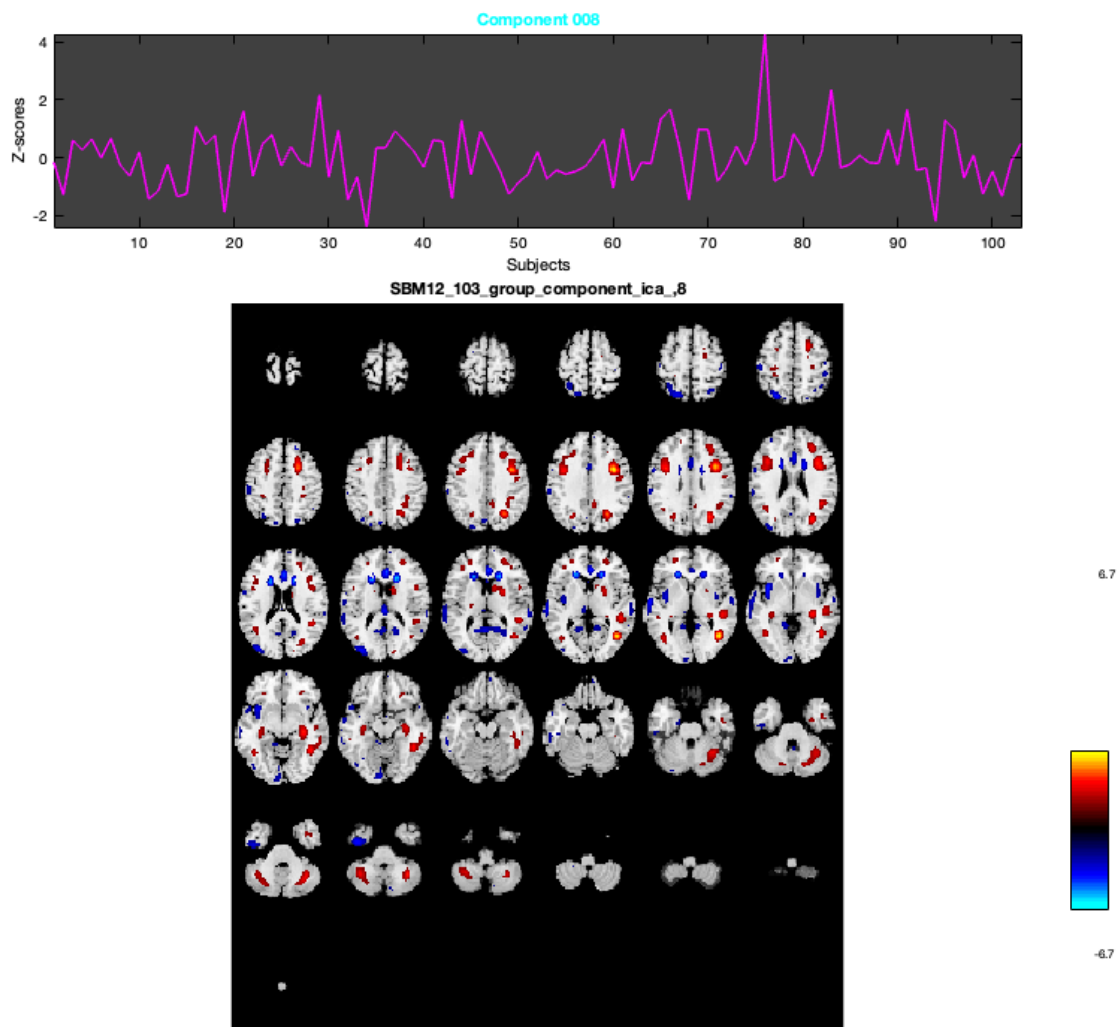


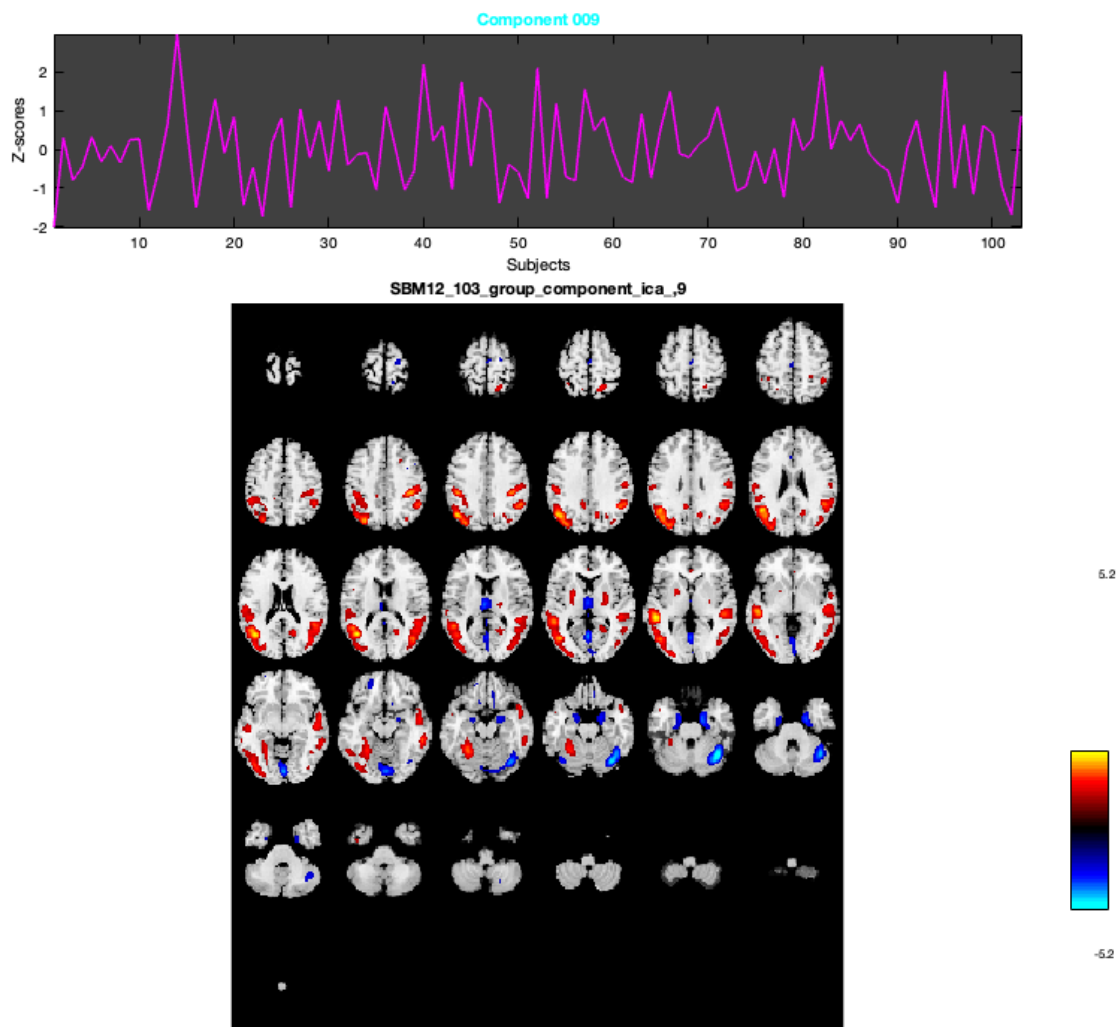


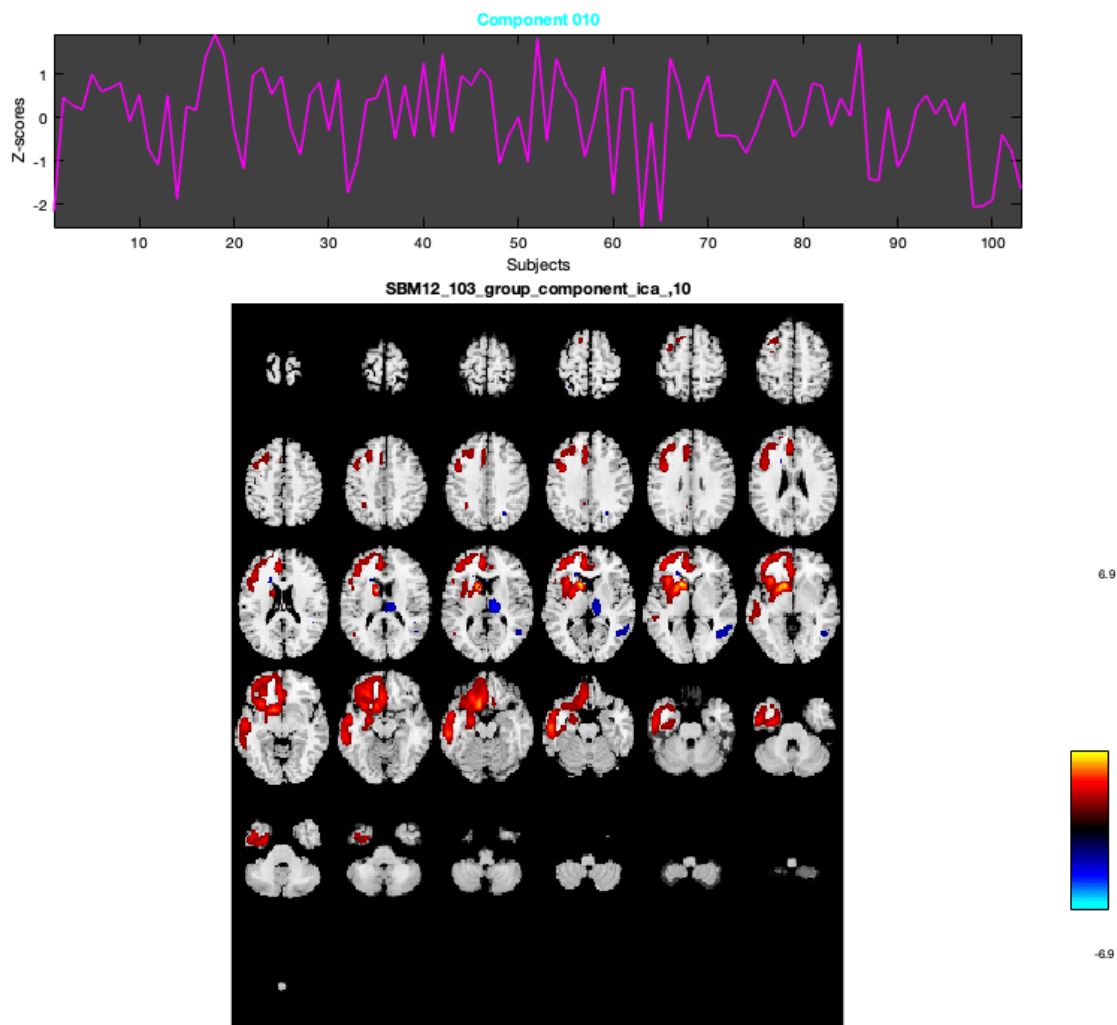


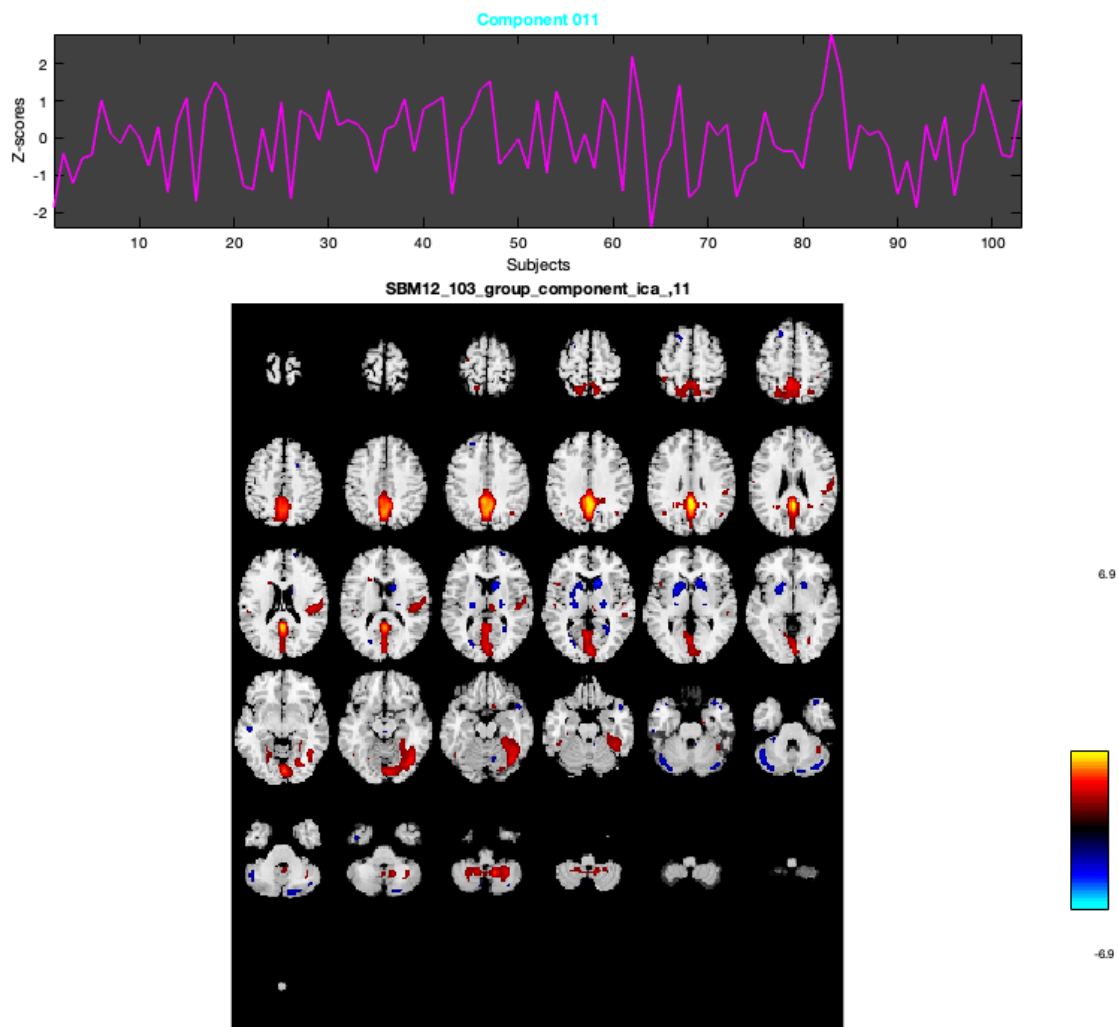


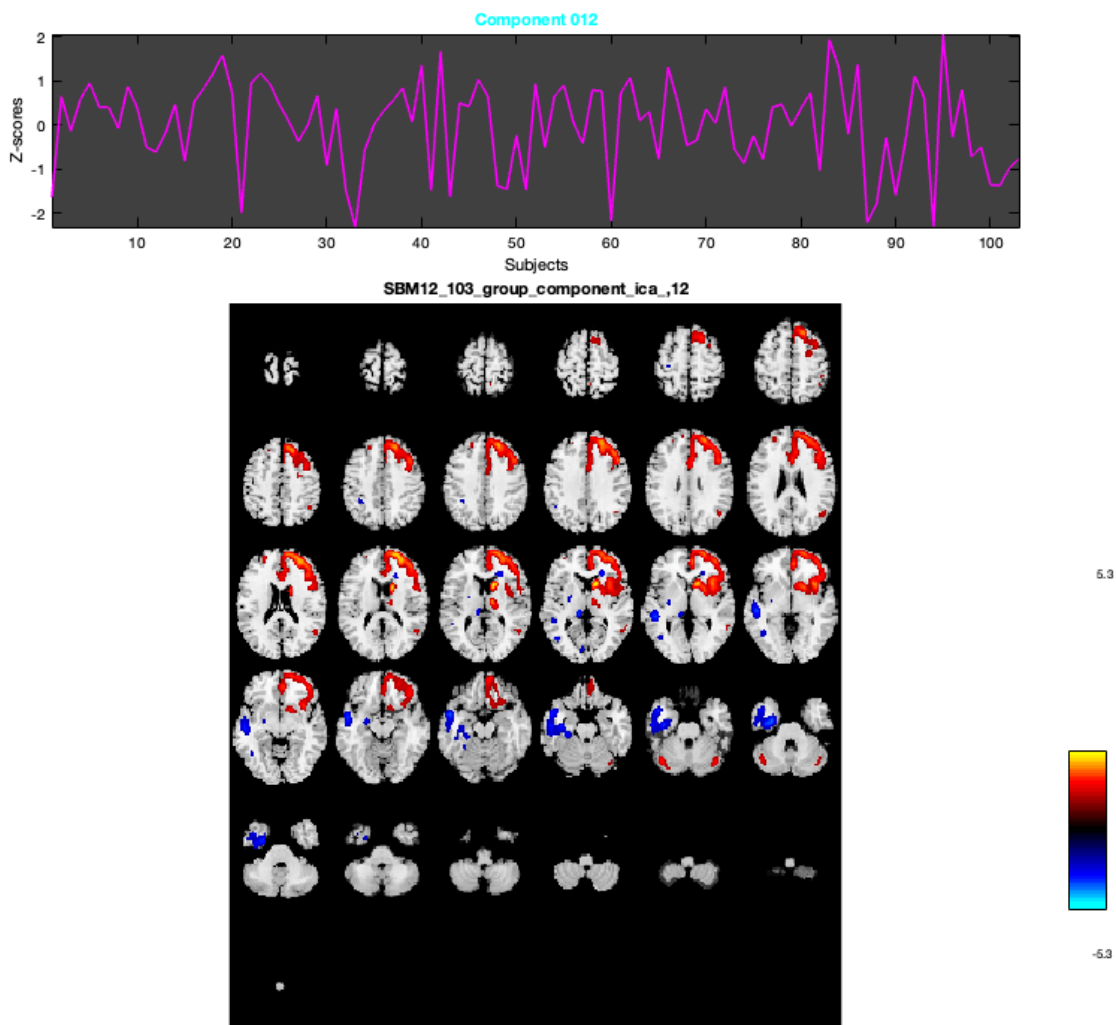












PCA components variance summary

- **Percent variance** - Percent variance is reported for each component.

<i>ComponentNumber</i>	<i>PercentVariance</i>
1	0.21609
2	0.21979
3	0.23822
4	0.24392
5	0.3207
6	0.34146
7	0.4206

8	0.48353
9	0.74819
10	1.063
11	1.806
12	87.904

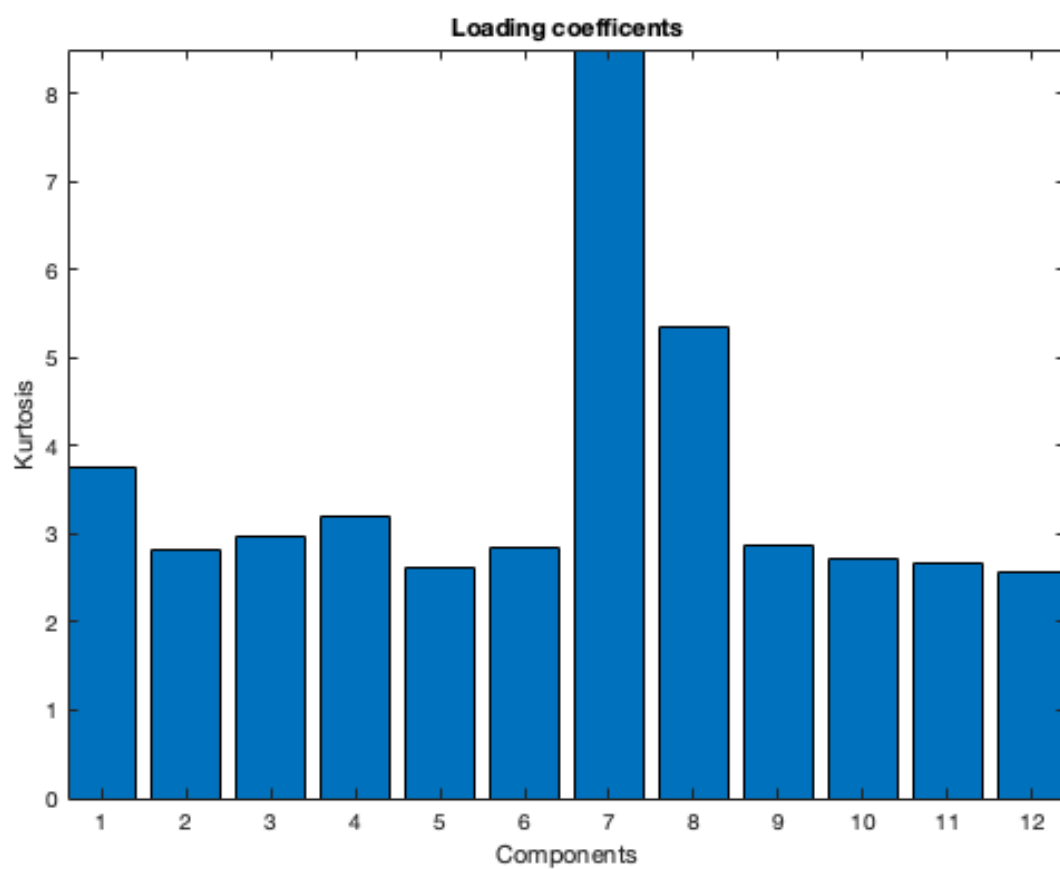
ICA components variance summary

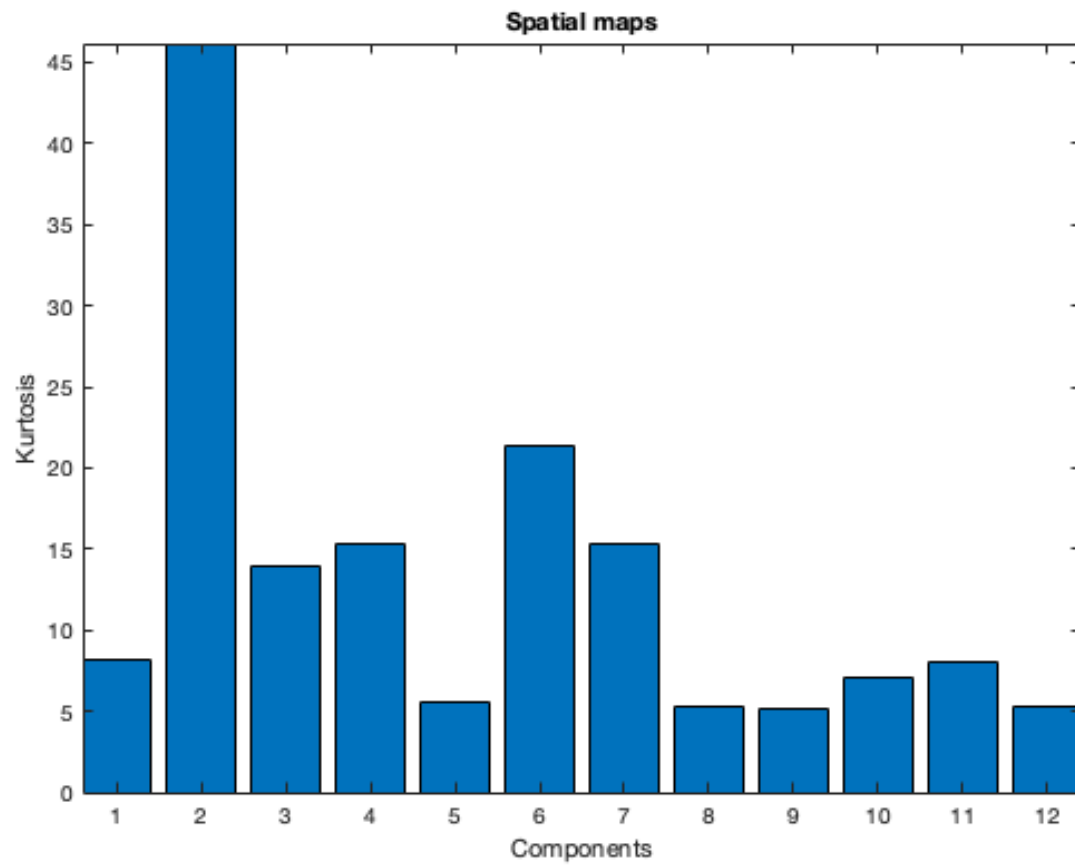
- **Percent variance** - Percent variance is reported for each component.

<i>ComponentNumber</i>	<i>PercentVariance</i>
1	1.3467
2	4.5252
3	8.0356
4	16.555
5	3.2609
6	6.731
7	2.6902
8	0.3367
9	7.6916
10	8.5169
11	10.917
12	7.1864

Kurtosis of loading coefficients and spatial maps

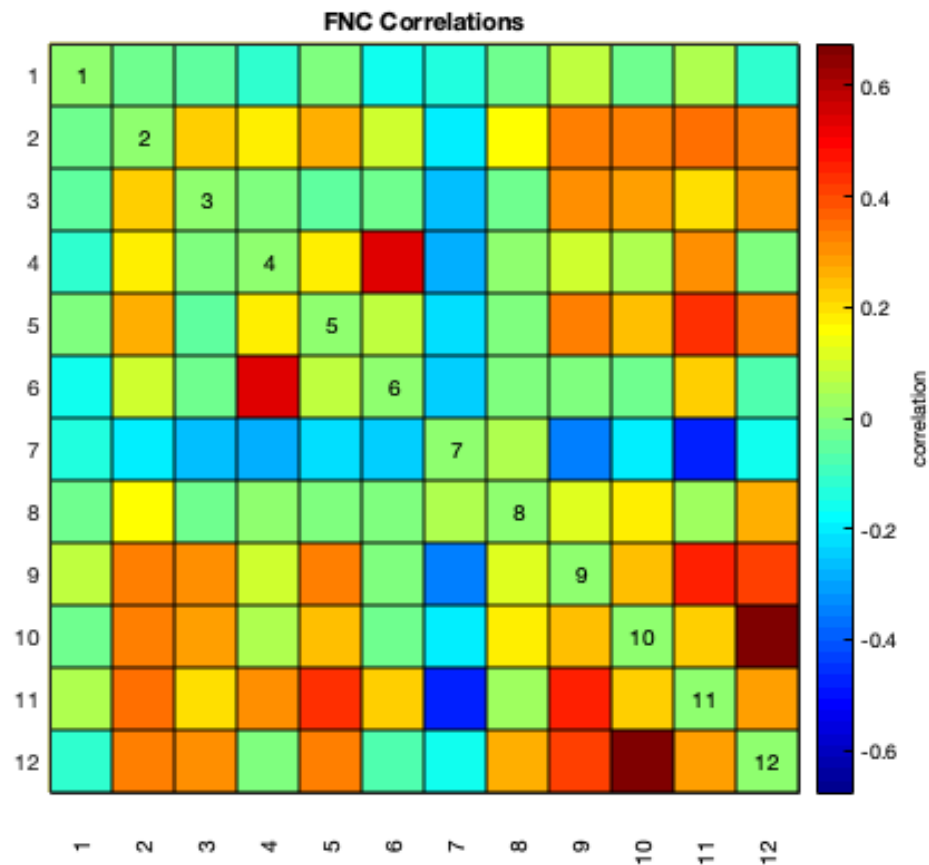
<i>ComponentNumber</i>	<i>Timecourses</i>	<i>SpatialMaps</i>
1	3.7556	8.1348
2	2.8228	46.165
3	2.9807	13.895
4	3.199	15.307
5	2.6129	5.593
6	2.8378	21.337
7	8.4982	15.385
8	5.3527	5.3457
9	2.879	5.1237
10	2.7313	7.0979
11	2.6773	8.089
12	2.5762	5.2619





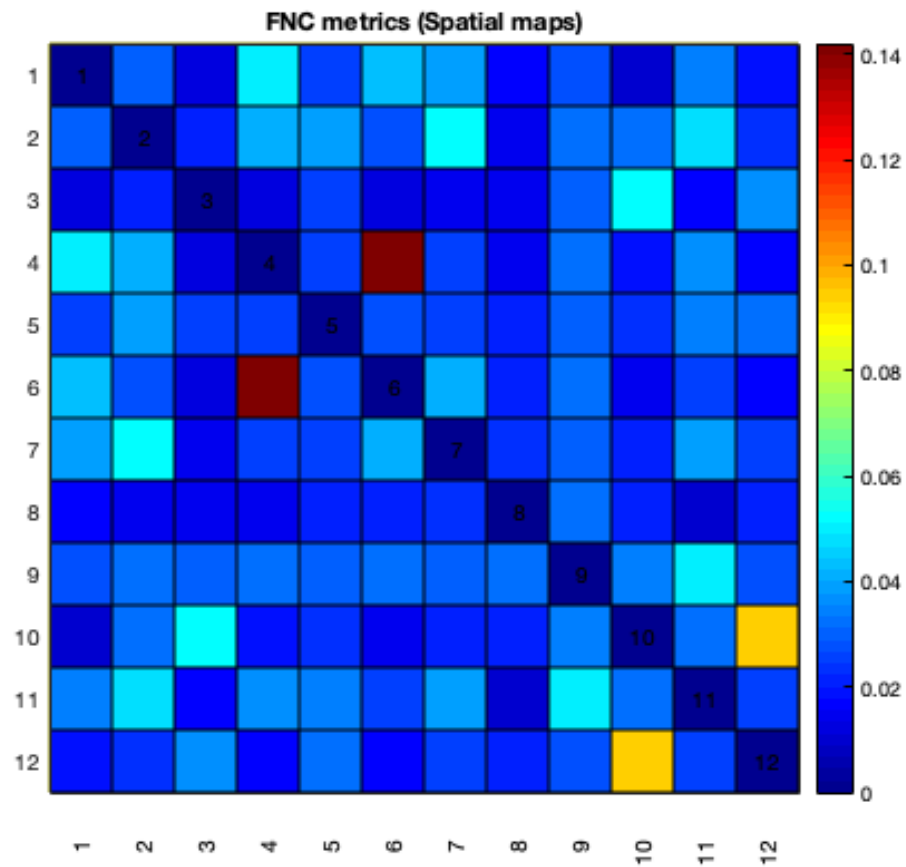
FNC correlations of subject loadings

Functional network connectivity correlations



FNC metrics of component spatial maps

Mutual information is computed between components spatially



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