

## SUPPLEMENTARY DATA

## TABLES

**Table e-1.** Linear correlations between rTPJ functional connectivity and disease duration

<b>Brain region</b>	<b>L/R</b>	<b>r (p-value)</b>
Posterior cingulate	L/R	-0.20 (0.26)
Precuneus	L/R	-0.15 (0.40)
Middle temporal gyrus	R	0.01 (0.96)
Insula	R	-0.11 (0.52)
Middle cingulate gyrus	L	-0.21 (0.23)
Inferior parietal lobule	R	-0.23 (0.19)
SMA	L/R	-0.26 (0.13)
Middle occipital gyrus	L	-0.22 (0.20)
Precentral gyrus	R	-0.15 (0.40)
Postcentral gyrus	R	-0.12 (0.51)
Declive (vermis)	L	-0.19 (0.27)
Superior frontal gyrus	L	-0.01 (0.95)
Superior frontal gyrus	L	-0.19 (0.29)
Middle frontal gyrus	L	-0.18 (0.29)
Middle temporal gyrus	L	-0.06 (0.72)

Abbreviations: rTPJ, right temporoparietal junction

**Table e-2.** rTPJ functional connectivity in medicated vs. non-medicated FMD patients

Brain region	L/R	Cluster size (mm <sup>3</sup> )	rTPJ FC		p-value
			Medicated	Non-medicated	
Posterior cingulate	L/R	1347	0.064	0.045	0.64
Precuneus	L/R	383	0.124	0.084	0.30
Middle temporal gyrus	R	126	0.131	0.138	0.89
Insula	R	106	0.082	0.069	0.74
Middle cingulate gyrus	L	99	0.121	0.105	0.65
Inferior parietal lobule	R	95	0.081	0.041	0.33
SMA	L/R	74	0.069	0.054	0.68
Middle occipital gyrus	L	62	0.084	0.071	0.76
Precentral gyrus	R	59	0.085	0.073	0.82
Postcentral gyrus	R	54	0.091	0.053	0.44
Declive (vermis)	L	42	0.082	0.056	0.44
Superior frontal gyrus	L	38	0.022	0.155	0.02
Superior frontal gyrus	L	30	0.067	0.046	0.62
Middle frontal gyrus	L	29	0.055	0.072	0.58
Middle temporal gyrus	L	28	0.033	0.031	0.96

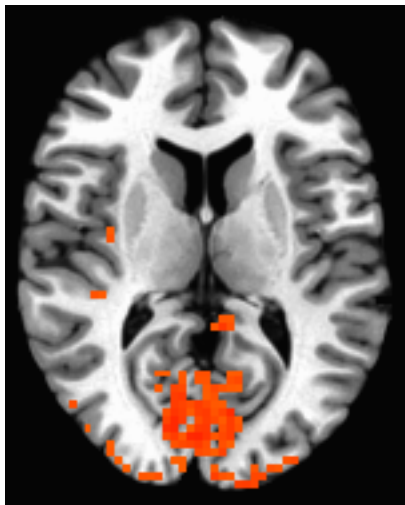
FC presented as mean correlation coefficients. *p*-values were determined using two-sided student's *t*-test.

Abbreviations: rTPJ, right temporo-parietal junction; FMD, functional movement disorders; FC, functional connectivity; SMA, supplementary motor area

**FIGURE LEGENDS**

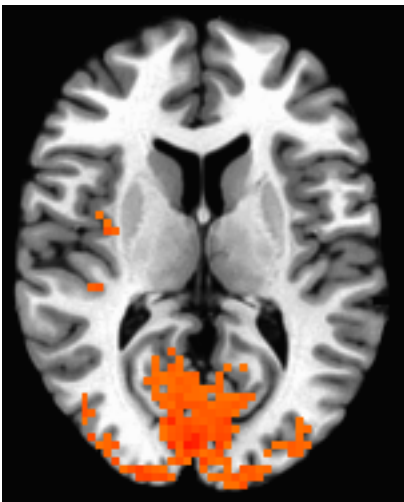
**Figure e-1.** Pattern of V1 connectivity to visual cortex is consistent with eyes-closed condition in HCs and FMD patients

(A)



$z = 9$

(B)



$z = 9$

Connectivity maps demonstrating high degree of correlation within the visual cortex in HCs (A) and FMD patients (B). The z coordinates represent MNI coordinates. Images are in radiological convention.