Supplementary Data

Is Long-Term Prognosis of Frontotemporal Lobar Degeneration Predictable by Neuroimaging? Evidence from a Single-Subject Functional Brain Study

Barbara Borroni[a,*], Mario Grassi[b], Enrico Premi[a], Antonella Alberici[a], Maura Cosseddu[a], Vanessa Cancelli[a], Federico Caobelli[c], Barbara Paghera[c] and Alessandro Padovani[a]
[a]*Center for Aging Brain and Dementia, Department of Neurology, University of Brescia, Brescia, Italy*
[b]*Department of Health Sciences, Section of Medical Statistics and Epidemiology, University of Pavia, Pavia, Italy*
[c]*Nuclear Medicine Unit, University of Brescia, Brescia, Italy*

*Correspondence to: Barbara Borroni, M.D., Clinica Neurologica, Università degli Studi di Brescia, Pza Spedali Civili, 1 – 25100 Brescia, Italy. Tel.: +39 0303995632; Fax: +39 0303995027; E-mail: bborroni@inwind.it.

B. Borroni et al. / Functional Brain Study

Supplementary Table 1
Mean scores of Volume of Interests (VOIs) in FTLD phenotypes

Variables	bvFTD	SD	PNFA	*p*-value^
Dorsolaterla frontal cortex L	0.78 ± 0.12	0.78 ± 0.05	0.79 ± 0.15	*n.s.*
Dorsolaterla frontal cortex R	0.84 ± 0.12	0.84 ± 0.08	0.86 ± 0.19	*n.s.*
Anterior cingulate cortex L	0.91 ± 0.14	0.90 ± 0.06	0.90 ± 0.24	*n.s.*
Anterior cingulate cortex L	0.90 ± 0.14	0.79 ± 0.27	0.93 ± 0.17	*n.s.*
Orbitofrontal cortex L	0.79 ± 0.11	0.78 ± 0.03	0.81 ± 0.19	*n.s.*
Orbitofrontal cortex R	0.79 ± 0.12	0.80 ± 0.04	0.84 ± 0.21	*n.s.*
Posterior temporal lobe L	0.90 ± 0.09	0.86 ± 0.05	0.89 ± 0.13	*n.s.*
Posterior temporal lobe R	0.94 ± 0.10	0.95 ± 0.08	0.98 ± 0.19	*n.s.*
Temporal pole L	0.69 ± 0.09	0.59 ± 0.09	0.69 ± 0.12	*<0.01*
Temporal pole R	0.62 ± 0.09	0.56 ± 0.07	0.66 ± 0.14	*<0.02*
Amygdala L	0.92 ± 0.10	0.86 ± 0.08	0.95 ± 0.18	*n.s.*
Amygdala R	0.92 ± 0.11	0.85 ± 0.04	0.97 ± 0.19	*n.s.*
Hippocampus L	0.87 ± 0.13	0.81 ± 0.08	0.89 ± 0.12	*n.s.*
Hippocampus R	0.86 ± 0.12	0.82 ± 0.05	0.87 ± 0.22	*n.s.*
Parietal lobe L	0.87 ± 0.10	0.85 ± 0.04	0.86 ± 0.12	*n.s.*
Parietal lobe R	0.90 ± 0.11	0.92 ± 0.09	0.92 ± 0.18	*n.s.*

bvFTD: behavioral variant Frontotemporal dementia; SD: Semantic dementia; PNFA: progressive Non-Fluent Aphasia; n.s.: not significant.
^One-Way ANOVA.