

Table S3. Demographic, cognitive, and functionality data of the fMRI subsample

	CN (<i>n</i> = 95)	bvFTD (<i>n</i> = 22)	AD (<i>n</i> = 43)	Stats	Post-hoc comparisons
<i>Demographics</i>					
Sex (M:F)	44:51	16:6	17:26	$\chi^2 = 6.72; p = 0.03$	CN- bvFTD: $p = 0.04$ CN-AD: $p = 0.57$ bvFTD-AD: $p = 0.02$
Age	67.42 (8.36)	66.27 (11.28)	76.46 (7.81)	$F = 18.02; p < 0.001$	CN- bvFTD: $p = 0.57$ CN-AD: $p < 0.001$ bvFTD-AD: $p < 0.001$
Years of education	14.24 (4.33)	13.90 (4.80)	10.44 (5.03)	$F = 10.41; p < 0.001$	CN- bvFTD: $p = 0.75$ CN-AD: $p < 0.001$ bvFTD-AD: $p = 0.004$
<i>Cognitive and functional assessment</i>					
MoCA total score	27.07 (2.83)	20.72 (5.23)	15.53 (4.26)	$F = 125.4; p < 0.001$	CN- bvFTD: $p < 0.001$ CN-AD: $p < 0.001$ bvFTD-AD: $p < 0.001$
IFS total score	23.94 (2.75)	18.13 (5.36)	13.41 (4.54)	$F = 93.12; p < 0.001$	CN- bvFTD: $p < 0.001$ CN-AD: $p < 0.001$ bvFTD-AD: $p < 0.001$
FAQ total score	---	7.41 (6.84)	9.71 (7.20)*	$F = 1.24; p = 0.26$	---

Data are presented as mean (SD), except for sex. Categorical variables were analyzed with Pearson's chi-squared (χ^2) test. Continuous variables were analyzed through ANOVAs and post-hoc pairwise comparisons. The alpha level was set at $p < 0.05$. AD: Alzheimer's disease, bvFTD: behavioral variant of frontotemporal dementia, CN: healthy controls, FAQ: Pfeffer's Functional Assessment Questionnaire, IFS: INECO Frontal Screening, MoCA: Montreal Cognitive Assessment. *Mean score above the cut-off of 8/9 (sensitivity = 87, specificity = 82) for functional impairment according to the Spanish version of the questionnaire (Cruz-Orduña et al., 2011).