Supplementary Material

Episodic Memory in Amnestic Behavioral Frontotemporal Dementia and Alzheimer's Disease

Supplementary Table 1. Demographic and cognitive data of AD and bvFTD respect to healthy elderly controls

	AD (n=61)	bvFTD (n=38)	HC (n=27)			AD versus bvFTD	bvFTD versus HC	AD versus HC
	Mean ± SD	*Mean ± SD*	*Mean ± SD*	*Statistic*	*p*	*p*	*p*	*p*
Age (y)	71.30 ± 8.08	66.61 ± 8.95	72.56 ± 3.72	**F(2,123)=6.06**	**0.003**	**0.031**	**0.002**	0.96
Education (y)	11.48 ± 4.65	8.50 ± 3.53	15.41 ± 3.10	**F(2,123)=23.06**	**<0.001**		**0.002**	**<0.001**
Female [n] (%)	30 (49.18)	15 (39.47)	20 (74.07)	**χ^2(2)=7.84**	**0.019**			
Disease duration (y)	3.1 ± 1.86	2.8 ± 1.74	--		--			
Global cognition								
MMSE score	24.61 ± 3.22	25.59 ± 3.15	29.37 ± 0.88	**F(2,122)=26.3**	**<0.001***	0.42	**<0.001**	**<0.001**
Attention and memory								
digit cancellation	41.18 ± 11.99	40.21 ± 10.27	52.50 ± 4.11	F(2,90)=1.88	0.15			
digit span forward	5.15 ± 0.77	4.33 ± 1.12	5.48 ± 0.89	**F(2,108)=11.34**	**<0.001***	**<0.001**	1	**<0.01**
TMT-A (s)	97.32 ± 65.67	94.21 ± 60.38	48.22 ± 23.89	F(2,113)=1.05	0.35			
Executive functions								
digit span backward	3.55 ± 0.89	3.00 ± 1.10	4.33 ± 0.73	**F(2,106)=7.69**	**<0.001***	**<0.01**	0.5	**<0.01**
phonemic fluency	25.02 ± 10.96	20.43 ± 12.32	42.30 ± 7.00	**F(2,108)=11.85**	**<0.001***	1	**<0.001**	**<0.001**
semantic fluency	26.18 ± 12.13	24.18 ± 11.54	46.89 ± 8.22	**F(2,104)=21.45**	**<0.001***	0.07	**<0.001**	**<0.001**
Visual abilities								
copy of ROCF	24.08 ± 9.90	23.02 ± 7.99	32.56 ± 2.01	F(2,87)=0.55	0.57			
clock drawing test	6.16 ± 3.21	6.09 ± 3.50	9.72 ± 0.36	F(2,91)=1.1	0.34			
Episodic and Visual Memory								
RAVLT total IR	24.23 ± 8.73	26.08 ± 8.73	52.33 ± 8.00	**F(2,118)=52.3**	**<0.001***	1.00	**<0.001**	**<0.001**
RAVLT total DR	1.93 ± 2.54	4.26 ± 2.56	11.07 ± 2.60	**F(2,118)=64.4**	**<0.001***	**0.043**	**<0.001**	**<0.001**
prose memory IR	7.20 ± 4.42	7.86 ± 3.75	11.78 ± 3.73	F(2,83)=0.66	0.52			
prose memory DR	6.22 ± 5.03	8.83 ± 4.37	13.67 ± 2.96	**F(2,82)=4**	**0.021**	1.00	**0.049**	**0.018**
recall of ROCF	6.23 ± 5.52	8.74 ± 6.68	20.56 ± 4.37	**F(2,85)=16.53**	**<0.001***	1	**<0.001**	**<0.001**