

**Supplementary Table 1.** Neuropsychological profiles of PLS and PMA patients.

Individual classification	Cognitive domains					Behavioural domains					PS
	EF	FL	LA	ME	VS	DI	AP	LS	ST	HA	
<b>PLS</b>											
CI		X			X						
CI	X				X						
CI	X		X					X			
CI			X								
CI	X		X		X			X			
CI	X										
CI	X			X							
<b>BI n=2</b>							X				
BI				X		X		X			
BI				X			X	X			
BI					X	X			X		
BI							X			X	
BI				X			X	X			
CBI		X	X					X	X		
CBI		X	X				X		X		
bvFTD	X		X					X	X		
bvFTD						X	X	X			
bvFTD	X						X	X			
bvFTD						X	X		X	X	X
bvFTD						X		X		X	
<b>aMCI n=2</b>				X							
Dementia	X	X	X	X							
<b>PMA</b>											
<b>CI n=5</b>	X										
<b>CI n=3</b>			X								
<b>CI n=2</b>	X	X	X								
<b>CI n=2</b>	X		X								
<b>CI n=2</b>		X									
CI	X	X	X	X	X						
CI	X			X							
CI	X		X						X		
CI	X			X				X			
<b>BI n=3</b>							X				
BI							X	X			
BI						X	X				
BI				X	X		X		X		
BI				X				X		X	
CBI	X	X		X			X				
bvFTD							X	X	X	X	
bvFTD							X	X	X		
bvFTD	X						X	X	X		
bvFTD				X		X	X	X			
bvFTD	X		X	X		X	X		X		
<b>aMCI n=2</b>				X							
aMCI				X	X						
<b>Dementia n=2</b>	X	X	X	X	X						
Dementia	X	X	X	X							

X: a abnormal performance; EF: executive Functioning; FL: fluency; LA: language; ME: memory; VS: visuospatial functioning; DI: disinhibition, AP: apathy; LS: loss of sympathy; ST: perseverative or stereotyped behaviour; HA: hyperorality / dietary changes; PS: psychotic symptoms; CI: cognitive impairment; BI: behavioural impairment; CBI: cognitive and behavioural impairment; bvFTD: behavioural variant frontotemporal dementia; aMCI: amnesic type mild cognitive impairment