

Supplementary Table 1. Comparison between groups with AD and non-AD in FDG-PET analysis. Visual analysis of images was used to classify the patients.*Fisher's test

		<i>AD</i>	<i>Non-AD</i>	<i>U-Mann Whitney (p-value)</i>
<i>Age</i>		71.75±8.13	71.7±8.74	297.5 (0.960)
<i>Years of education</i>		11.85±5.18	11.60±4.43	293.5 (0.897)
<i>Impairment on other cognitive domain aside from verbal memory</i>		8 (26.7%)	8 (40%)	0.366*
<i>FRI-FCSRT</i>	Raw	3.20±2.04	3.87±2.89	274.5 (0.610)
	Scaled	7.15±3.15	8.30±3.70	251.5 (0.334)
<i>TR-FCSRT</i>	Raw	24.50±12.20	26.73±10.49	273.0 (0.592)
	Scaled	5.40±3.25	5.93±3.17	272.0 (0.574)
<i>TDR-FCSRT</i>	Raw	7.25±5.07	8.33±4.17	260.0 (0.427)
	Scaled	5.80±4.02	6.07±4.30	295.5 (0.928)
<i>Index of Sensitivity to Cueing (%)</i>		39.26±24.52	42.87±20.55	273.0 (0.593)
<i>FRA1</i>	Raw	5.40±2.18	6.53±5.40	225.0 (0.135)
	Scaled	5.95±3.23	8.13±3.74	197.0 (0.039)
<i>CRA1</i>	Raw	6.90±2.57	7.20±3.05	282.5 (0.727)
	Scaled	7.30±3.08	7.77±3.78	292.0 (0.873)
<i>CRA2</i>	Raw	9.25±2.51	10.07±2.59	239.0 (0.223)
	Scaled	6.15±3.37	7.73±3.79	224.0 (0.130)
<i>FRB1</i>	Raw	3.80±1.98	4.67±2.30	235.0 (0.191)
	Scaled	6.40±2.34	8.37±2.35	160.0 (0.005)
<i>CRB1</i>	Raw	5.05±2.13	5.07±2.13	293.5 (0.896)
	Scaled	7.70±2.43	8.07±3.27	276.5 (0.639)
<i>CRB2</i>	Raw	6.85±3.03	8.40±2.97	215.5 (0.092)
	Scaled	5.40±3.25	8.00±5.40	172.5 (0.011)
<i>SdFRA</i>	Raw	2.80±1.76	4.07±2.80	220.5 (0.113)
	Scaled	7.10±2.67	8.27±3.23	224.5 (0.132)
<i>SdCRA</i>	Raw	6.10±2.78	6.20±3.05	274.0 (0.604)
	Scaled	8.00±4.02	8.60±3.91	249.0 (0.309)
<i>DR</i>	Raw	7.25±5.82	12.63±6.48	167.0 (0.008)
	Scaled	3.60±2.78	7.37±4.66	145.0 (0.002)
<i>PD</i>		28.37±22.58	16.17±28.38	214.5 (0.090)

Supplementary Table 2. Comparison between groups with AD and non-AD in FDG-PET analysis. Semi-quantitative analysis of images was used to classify the patients.*Fisher's test.

		<i>AD</i>	<i>Non-AD</i>	<i>U-Mann Whitney (p-value)</i>
<i>Age</i>		73.76±7.59	70.28±8.80	237.0 (0.184)
<i>Years of education</i>		11.14±5.20	12.10±4.33	274.0 (0.546)
<i>Impairment on other cognitive domain aside from verbal memory</i>		9 (42.9%)	7 (24.1%)	0.222*
<i>FRI-FCSRT</i>	Raw	2.67±1.93	4.28±2.81	202.0 (0.042)
	Scaled	6.76±2.82	8.62±3.78	2140 (0.074)
<i>TR-FCSRT</i>	Raw	21.76±10.58	28.79±10.75	195.5 (0.032)
	Scaled	4.76±2.56	6.41±3.43	219.5 (0.090)
<i>TDR-FCSRT</i>	Raw	6.05±4.44	9.24±4.18	182.0 (0.016)
	Scaled	5.00±3.033	6.66±4.73	253.0 (0.304)
<i>Index of Sensitivity to Cueing (%)</i>		35.18±19.72	45.95±22.86	229.0 (0.138)
<i>FRA1</i>	Raw	5.05±1.93	6.83±2.63	181.5 (0.014)
	Scaled	6.33±2.97	7.93±4.03	226.0 (0.119)
<i>CRA1</i>	Raw	6.33±2.41	7.62±3.05	235.5 (0.172)
	Scaled	7.10±2.50	7.93±4.07	273.5 (0.538)
<i>CRA2</i>	Raw	9.19±2.80	10.14±2.35	235.5 (0.172)
	Scaled	6.67±3.59	7.41±3.77	264.5 (0.429)
<i>FRB1</i>	Raw	3.48±1.63	4.93±2.38	180.0 (0.013)
	Scaled	6.67±1.98	8.24±2.69	180.5 (0.013)
<i>CRB1</i>	Raw	4.62±1.98	5.38±2.77	265.0 (0.431)
	Scaled	7.76±2.16	8.03±3.43	281.5 (0.648)
<i>CRB2</i>	Raw	6.48±3.10	8.72±2.71	191.5 (0.025)
	Scaled	5.90±3.01	7.72±3.90	218.5 (0.089)
<i>SdFRA</i>	Raw	2.52±1.99	4.31±2.59	178.0 (0.012)
	Scaled	7.14±2.98	8.28±3.05	237.5 (0.089)
<i>SdCRA</i>	Raw	5.05±2.61	6.97±2.90	179.5 (0.013)
	Scaled	7.57±3.34	8.93±4.27	225.5 (0.118)
<i>DR</i>	Raw	8.38±6.48	12.00±8.38	202.5 (0.044)
	Scaled	4.76±4.03	6.66±4.54	221.5 (0.099)
<i>PD</i>		32.59±26.33	12.69±24.01	181.5 (0.015)

Supplementary Table 3. Cutoff points for percentage of decline (PD) from CRA2 to CRB2, to classify patients (AD versus non-AD) using FDG-PET as reference.

<i>Only including patients with agreement between visual and semi-quantitative analysis (n=37)</i>		
<i>Cutoff (\geq)</i>	<i>Sensitivity (%)</i>	<i>Specificity (%)</i>
-4.54	100	30.4
3.84	78.6	38.4
14.83	78.6	52.2
16.02	78.6	56.5
18.33	71.4	56.5
21.11	71.4	65.2
22.64	64.3	65.2
24.03	57.1	65.2
27.50	57.1	78.3
30.38	50.0	82.6
35.4	42.9	91.3
40.17	35.7	91.3
52.27	14.3	95.7
<i>Visual analysis of FDG-PET images (n=50)</i>		
-4.54	100	23.3
3.84	80	30
14.83	75.0	43.3
16.02	75.0	46.7
18.33	70.0	46.7
21.82	65.0	56.7
22.64	60.0	63.3
24.03	50.0	63.3
27.50	45.0	73.3
30.38	40.0	76.7
34.84	35.0	83.3
40.17	30.0	86.7
46.42	20.0	90.0
52.27	10.0	93.3
<i>Semi-quantitative analysis of FDG-PET images (n=50)</i>		
-4.54	100	24.1
3.84	81.0	31.0
14.83	81.0	48.3
16.02	81.0	51.7
18.33	76.2	51.7
21.82	66.7	62.1
22.64	57.1	62.1
24.03	52.4	65.5
27.50	52.4	79.3
30.38	47.6	82.8
34.84	42.9	89.7
40.17	33.3	89.7
52.27	14.3	96.6