

Supplementary Online Content

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eTable 1. Cognitively Normal Only Subjects Characteristics by Amyloid and Neurodegeneration Status With the Mean (SD) Listed for the Continuous Variables and Count (%) for the Categorical Variables

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This supplementary material has been provided by the authors to give readers additional information about their work.

eTable 1. Cognitively Normal Only Subjects Characteristics by Amyloid and Neurodegeneration Status With the Mean (SD) Listed for the Continuous Variables and Count (%) for the Categorical Variables.

	A-N- n = 254	A-N+ n = 111	A+N- n = 231	A+N+ n = 141	A- vs. A+ P-value*	N- vs. N+ P-value*
Demographics and APOE						
Age, yrs	77.3 (5.3)	80.4 (5.3)	78.4 (5.5)	82.6 (5.6)	<0.001	<0.001
Male, no. (%)	132 (52)	68 (61)	114 (49)	83 (59)	0.50	0.025
E4 Carrier, no. (%)	33 (13)	12 (11)	93 (40)	48 (34)	<0.001	0.60
E2 Carrier, no. (%)	49 (19)	25 (23)	30 (13)	20 (14)	0.023	0.23
Intellectual Enrichment						
Education, yrs	14.7 (2.7)	14.4 (3.0)	14.7 (2.8)	14.4 (2.7)	0.75	0.33
Job-Score	3.3 (1.5)	3.3 (1.5)	3.5 (1.5)	3.2 (1.4)	0.95	0.25
Midlife Cognitive Activities	21.2 (9.2)	21.7 (9.3)	21.1 (8.4)	21.5 (9.2)	0.72	0.95
Midlife Risk Factors						
Midlife Physical Inactivity	11.5 (4.3)	11.3 (4.5)	11.7 (4.4)	11.5 (4.7)	0.59	0.59
Midlife Obesity, no. (%)	81 (32)	37 (33)	64 (28)	56 (40)	0.18	<0.001
Ever Smoked, no. (%)	119 (47)	62 (56)	106 (46)	70 (50)	0.57	0.022
Midlife Diabetes, no. (%)	14 (6)	7 (6)	18 (8)	8 (6)	0.37	0.50
Midlife Hypertension, no. (%)	98 (39)	48 (43)	84 (36)	57 (40)	0.81	0.047
Midlife Dyslipidemia, no. (%)	141 (56)	72 (65)	156 (68)	75 (53)	0.25	0.084
Latelife Chronic Conditions						

Cardiovascular and Metabolic Conditions	2.3 (1.4)	2.8 (1.7)	2.4 (1.5)	2.9 (1.6)	0.54	<0.001
* <i>P</i> values for differences between groups are contrasts from an ANCOVA for the continuous variables or logistic regression for the categorical variables with an adjustment for age with the exception of age which is unadjusted from an ANOVA model.						

eTable 2. Results of AD Signature Thickness Linear Regressions, Adjusting for Amyloid and Age.

Predictor Variables	AD Sig. Thickness	
	Coefficient (std. error)	p-value
Demographics and APOE		
Age, yrs	-0.063 (0.005)	<0.0001
Male	-0.185 (0.058)	0.001
E4 Carrier	-0.038 (0.068)	0.580
E2 Carrier	-0.134 (0.077)	0.083
Intellectual Enrichment		
Education, yrs	0.007 (0.010)	0.494
Job-Score	0.007 (0.020)	0.726
Midlife Cognitive Activities	0.0003 (0.003)	0.916
Midlife Risk Factors		
Midlife Physical Inactivity	-0.012 (0.006)	0.052
Midlife Obesity	-0.262 (0.062)	<0.0001
Ever Smoked	-0.161 (0.057)	0.005
Midlife Diabetes	-0.318 (0.116)	0.006
Midlife Hypertension	-0.124 (0.059)	0.036
Midlife Dyslipidemia	-0.078 (0.061)	0.200
Latelife Chronic Conditions		
Cardiovascular and Metabolic Conditions	-0.091 (0.019)	<0.0001

eTable 3. 85+ Nonimaged vs. Imaged With the Mean (SD) Listed for the Continuous Variables and Count (%) for the Categorical Variables.			
	Non-imaged n = 117	Imaged n = 220	P-value*
Demographics and APOE			
Age, yrs	87.1 (1.7)	87.8 (2.4)	0.007
Male, no. (%)	49 (42)	127 (58)	0.006
E4 Carrier, no. (%)	30 (26)	56 (25)	0.97
E2 Carrier, no. (%)	19 (16)	29 (13)	0.44
Intellectual Enrichment			
Education, yrs	13.1 (2.9)	13.8 (3.2)	0.046
Job-Score	2.6 (1.4)	3.2 (1.5)	<0.001
Midlife Cognitive Activities	22.1 (10.7)	21.7 (10.0)	0.69
Midlife Risk Factors			
Midlife Physical Inactivity	13.1 (4.6)	12.0 (5.0)	0.050
Midlife Obesity, no. (%)	19 (16)	34 (15)	0.85
Ever Smoked, no. (%)	45 (38)	101 (46)	0.19
Midlife Diabetes, no. (%)	2 (2)	10 (5)	0.18
Midlife Hypertension, no. (%)	26 (22)	72 (33)	0.043
Midlife Dyslipidemia, no. (%)	22 (19)	85 (39)	<0.001
Latelife Chronic Conditions			
Cardiovascular and Metabolic Conditions	2.9 (1.7)	2.9 (1.6)	0.64
*P values for differences between groups come from a t-test for the continuous variables or a chi-squared test for the categorical variables.			