

Supplementary Table. Participant Characteristics by Lumbar Puncture (LP) Acquisition

	WITH LP n=111	WITHOUT LP n=119	p-value
Age, years	73 (6)	74 (8)	0.48
Education, years	16 (3)	16 (3)	0.35
Sex, n, (% Female)	27 (24%)	45 (38%)	0.03*
Race/Ethnicity, n (% Non-Hispanic/White)	105 (95%)	99 (83%)	0.006*
APOE-ε4, n (% carrier)	34 (31%)	38 (32%)	0.83
Diagnostic Status, n, (% Cognitively Normal)	65 (59%)	62 (51%)	0.54

Note: data presented as mean (standard deviation) or number (% frequency); *significance threshold at p-value<0.05; group comparisons were assessed using the Kruskal-Wallis test for continuous variables and Pearson's chi-squared test for categorical variables.