

Supplementary Table 13. Overview of the study characteristics and reported prevalence of cortical superficial siderosis in patients with AD

Author	Year	Country	Area	Definition domain	Study acronym/ name of cohort	n	Age: mean (SD) or median (range)	Female (%)	Hypertension (%)	MRI parameters (field strength [T]/sequence/ slice thickness [mm])	Prevalence any cSS/ fcSS/dcSS (%)	QA
Carmona-Iragui ¹⁷²	2017	Spain	West	Probable dementia in EOAD (d-EOAD)	Barcelona SPIN cohort	23	61.8*	60.9	13.0	NR/NR/NR	8.7	9.5
Chang ¹²⁴	2021	China	East Asia	Probable AD (NINCDS-ADRDA)	Chinese PLA General Hospital	15	76	40.0	60.0	NR/SWI/1.2	6.7 (6.7/0)	5
Charidimou ¹⁴⁵	2016	USA	West	Clinically diagnosed AD	MGH	86	NR	NR	NR	3/NR/5	5.8	3
De Kort ¹⁴⁷	2021	The Netherlands	West	Probable AD (NINCDS-ADRDA)	Radboud University Medical Center	17	74	NR	NR	1.5 or 3.0/ either T2* or SWI/NR	0 (0/0)	8.5
Inoue ¹⁴⁹	2016	Japan	East Asia	AD (NINCDS-ADRDA)	Kumamoto University Hospital	162	75 (9)	65.4	67.0	3/combined T2* and SWI/2	4.9	1
Kuroda ¹⁵⁰	2020	Japan	East Asia	Probable AD (NINCDS-ADRDA)	Showa University School of Medicine, Japan	40	78.9 (7.9)	55.0	NR	1.5/T2*/6	0	4.5
Mendes ¹⁵¹	2020	Switzerland	West	Probable/Possible AD (NINCDS-ADRDA)	Geneva University Hospitals	114	82	67.5	57.0	3/T2*/NR	5.3	2.5
Na ¹⁷³	2015	South Korea	East Asia	Probable AD (NINCDS-ADRDA)	Samsung Medical Center	62	NR	NR	NR	3/T2*/5	4.8 (1.6/3.2)	2
Shams ¹⁵⁴	2016	Sweden	West	AD (ICD-10 classification)	KIDS	423	68 (8)	45.2	35.7	1.5/NR/NR	5 (4.3/0.7)	3
Tsai ¹⁷⁴	2021	Taiwan	East Asia	Probable AD (NINCDS-ADRDA)	National Taiwan University Hospital (NTUH) and NTUH Bei-Hu Branch	10	75.6 (8.1)	70.0	90.0	3/SWI/2	0	4
Umino ¹⁷⁵	2021	Japan	East Asia	Probable AD (NINCDS-ADRDA)	Mie University School of Medicine	124	NR	NR	NR	3/SWI/0.5	8.9	4.5
Zonneveld ¹⁷⁶	2014	The Netherlands	West	Probable AD (NINCDS-ADRDA)	Amsterdam Dementia Cohort	249	68 (9)	52.6	NR	3/SWI/3	4.8 (3.6/1.2)	0

Prevalence of cSS shows the prevalence of cSS (irrespective of type), and, if reported, the prevalence of focal cSS and disseminated cSS. Biomarkers and Lifestyle Study of Ageing; KIDS, Karolinska Imaging Dementia Study; MGH, Massachusetts General Hospital; SPIN, Barcelona Memory Unit of Hospital de Sant Pau from the Sant Pau Initiative on Neurodegeneration; PLA, people's liberation army; AD, Alzheimer's disease; cSS, cortical superficial siderosis; dcSS, disseminated cortical superficial siderosis; EOAD, Early onset Alzheimer's disease; fcSS, focal cortical superficial siderosis; ICD-10, International Statistical Classification of Diseases and Related Health Problems-10; MRI, magnetic resonance imaging; NINCDS-ADRDA, National Institute of Neurological and Communicative Disorders and Stroke and the Alzheimer's Disease and Related Disorders; NR, not reported; QA, total score of quality assessment; SD, standard deviation; SWI, Susceptibility-weighted imaging; T, tesla; USA, United States of America.

*Median age and/or age range are reported instead of mean age (SD).