

Supplementary Table 6. Overview of the study characteristics and reported prevalence of strictly lobar microbleeds in the general population

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 MBs strictly lobar/strictly deep/mixed (%)	QA
Aarts ¹⁰⁷	2014	The Netherlands	West	Population, dementia free	Rotterdam Scan Study	4,945	64 (11)	55.1	34.3	1.5/T2*/NR	13/NR/NR	1
Chung ¹⁰⁸	2016	Taiwan	East Asia	Population, free of neuropsychiatric diseases	ILAS	962	62.5 (8.6)	55.8	37.1	3/SWI/2	5/2/7	2
Elmståhl ¹⁰⁹	2019	Sweden	West	Population 70–87 years	Good Aging in Skåne (GÅS)	344	77	57.3	58.1	3/T2*/3	16/2/3	0
Graff-Radford ¹¹⁰	2021	USA	West	Population, dementia at baseline excluded	MSCA	1,253	74	46.8	65.7	3/T2*/3.3	18/2/3	1
Han ¹¹¹	2018	China	East Asia	Population, stroke-free	Shunyi Study	1,211	55.6 (9.3)	62.6	49.1	3/SWI/1.5	5/2/4	1
Kim ¹¹²	2012	South Korea	East Asia	Population, stroke- and TIA-free	Seoul National University Hospital	1,452	69.7 (4.4)	42.7	50.3	1.5/T2*/6	2/NR/NR	2
Miwa ¹¹³	2014	Japan	East Asia	Population, free of recent (<3 months) symptomatic vascular event, >1 vascular risk factor, free of MCI and dementia	OSACA2	524	67.7 (8.3)	42.4	74.0	1.5/T2*/5	6/7/8	0
Paganini-Hill ¹¹⁴	2019	USA	West	Population ≥90 years	90+ study	71	93	NR	NR	3/SWI/NR	14/NR/6	3
Qiu ¹¹⁵	2012	Iceland	West	Population	AGES Reykjavik	4,205	76.2	57.8	80.3	1.5/T2*/NR	6/NR/NR	4
Romero ¹¹⁶	2014	USA	West	Population	Framingham Original and Offspring cohort	1,965	67.2 (10.7)	54.0	56.0	1.5/T2*/5	6/1/2	1.5
Tsushima ¹¹⁷	2003	Japan	East Asia	Hospital population	Gunma University Hospital	2,019	56.6 (15.9)	43.5	34.7	1/T2*/5	2/3/5	1
Wang ¹¹⁸	2019	China	East Asia	Population, stroke- and cancer-free	Taizhou Imaging Study	562	59.3 (2.7)	53.9	55.2	3/T2*/5	9/NR/NR	2
Ying ¹¹⁹	2021	China	East Asia	Population ≥50 years, stroke- and dementia-free	Shanghai elderly community-based cohort	796	68	56.0	NR	1.5 or 3/SWI/NR	15/NR/NR	1
Yubi ¹²⁰	2018	Japan	East Asia	Population	Hisayama Study	1,281	75 (7)	56.6	70.7	1.5/T2*/5	5/4/NR	6

Prevalence of microbleeds shows the prevalence of (1) strictly lobar microbleeds, (2) strictly deep microbleeds, and (3) mixed microbleeds.

AGES, Age, Gene/Environment Susceptibility; ILAS, I-Lan Longitudinal Aging Study; MSCA, Mayo Clinic Study of Aging; OSACA2, Osaka Follow-Up Study for Carotid Atherosclerosis; MBs, microbleeds; MRI, magnetic resonance imaging; NR, not reported; QA, total score of quality assessment; SD, standard deviation; SWI, susceptibility-weighted imaging; T, tesla; USA, United States of America.