

**Supplementary Table 1.** Overview of the study characteristics and reported prevalence of CAA pathology in the general population

Author	Year	Country	Area	Definition domain	Study acronym/ name of cohort	n	Age: mean (SD) or median (range)	Female (%)	Hypertension (%)	Prevalence CAA pathology: any (mild/moderate/ severe/moderate-to- severe; %)	QA
Alafuzoff <sup>1</sup>	2020	Sweden	West	Autopsy subjects aged 80–89 yrs	Uppsala University Hospital	119	84.1 (2.2)	NR	NR	27 (NR/NR/NR/NR)	6
Alafuzoff <sup>2</sup>	2009	Finland	West	Population that had been under continuous clinical follow-up because of a chronic disease	Kuopio University Hospital	701	NR	59.7	NR	25 (NR/NR/NR/NR)	2.5
Attems <sup>3</sup>	2008	Austria	West	Hospital population	3 hospitals in Vienna	2,060	78.5 (6.8)	54.0	NR	49 (NR/NR/NR/NR)	4
Cholerton <sup>4</sup>	2013	USA	West	Population, dementia-free at baseline	ACT	363	87.4 (6.7)	53.5	NR	31 (16/13/2/15)	5.5
Conner <sup>5</sup>	2019	USA	West	Community-based, longitudinal cohort study	Framingham Original, Offspring and Omni I cohorts	129	84.1	57.7	53.5	78 (52/19/7/26)	2
Erten-Lyons <sup>6</sup>	2013	USA	West	Population, initially free of dementia, chronic diseases, and depression at baseline, later, people with chronic disease and dementia (but not depression) were also included	Oregon Brain Aging Study	71	94.7 (5.5)	45.6	NR	37 (NR/NR/NR/NR)	5.5
Hamasaki <sup>7</sup>	2022	Japan	East Asia	Population ≥40 years, autopsied between 2009–2014	Hisayama	228	83	47.3	NR	36 (11/14/11/25)	0
Hamilton <sup>8</sup>	2021	UK	West	Recruited brain donors at six sites across the UK	Brains for Dementia Research	789	84.8	NR	52.0	NR (NR/NR/NR/30)	1.5
Itoh <sup>9</sup>	1993	Japan	East Asia	Hospital population	Yokufukai Geriatric Hospital	160	84.4 (7.7)	60.1	NR	48 (26/11/11/22)	3
Karant <sup>10</sup>	2022	USA	West	Community-based cohort without dementia, stroke/TIA, major psychiatric/neurologic illness, or chronic infectious disease at baseline.	UK-ADRC	785	83.8 (8.6)	NR	54.6	NR (NR/NR/NR/27)	9.5
Kovacs <sup>11</sup>	2013	Austria	West	Population, born between May 1925 and June 1926	VITA	223	82*	50.5	NR	51 (NR/NR/NR/NR)	3
Kövari <sup>12</sup>	2013	Switzerland	West	Hospital population	University Hospitals Geneva 2007	91	78.2 (11)	56.6	NR	54 (NR/NR/NR/NR)	0
Kövari <sup>13</sup>	2015	Switzerland	West	Hospital population	University Hospitals Geneva 2012–2014	113	81.1 (10.8)	45.5	NR	44 (NR/NR/NR/NR)	0
Masuda <sup>14</sup>	1988	Japan	East Asia	Population ≥40 years, autopsied between 1971–1983	Hisayama residents	400	NR	57.8	NR	23 (NR/NR/NR/NR)	0
Matthews <sup>15</sup>	2009	UK	West	Population ≥65 years	MRC CFAS (1989–2004)	446	81**	38.0	NR	43 (20/19/4/23)	6
Moghekar <sup>16</sup>	2012	USA	West	Population ≥70 years, dementia-free at baseline	BLSA	50	88.6 (5.8)	40.0	68.0	46 (NR/NR/NR/NR)	3.5

Supplementary Table 1. Continued

Author	Year	Country	Area	Definition domain	Study acronym/ name of cohort	n	Age: mean (SD) or median (range)	Female (%)	Hypertension (%)	Prevalence CAA pathology: any (mild/moderate/ severe/moderate-to- severe; %)	QA
Ng <sup>17</sup>	1991	China	East Asia	Hospital population	NR	210	70.5 <sup>†</sup>	66.8	NR	10 (NR/NR/3/NR)	2
Oveisgharan <sup>18</sup>	2018	USA	West	ROS: older Catholic nuns, priests and brothers. MAP: population from Chicago area. Dementia-free at baseline	ROS & MAP	1,453	88.6	70.8	65.4	76 (41/22/13/35)	6
Robinson <sup>19</sup>	2018	USA	West	Population ≥90 years	90+ Study	185	97.7 (3.6)	68.0	NR	16 (9/7/0/7)	6
Robinson <sup>20</sup>	2018	UK	West	Population, dementia-free at baseline	UMLS CNHOA	97	89 (72–104)*	51.6	NR	NR (NR/NR/NR/27)	3.5
Tanprasertsuk <sup>21</sup>	2019	USA	West	Population ≥98 years	Georgia Centenarian study	49	102.2 (2.5)	82.7	51.0	59 (35/12/12/24)	10.5
Tanskanen <sup>22</sup>	2012	Finland	West	Population ≥85 years	Vantaa 85+ Study	306	92.3	42.9	NR	70 (NR/NR/NR/NR)	1
Vinters <sup>23</sup>	1983	Canada	West	Hospital population	Victoria Hospital	84	77.5	50.0	NR	36 (NR/NR/17/NR)	1
Vonsattel <sup>24</sup>	1991	USA	West	Hospital population ≥75 years, without ICH	MGH	66	82.3	47.8	NR	45 (20/24/2/26)	1
Xu <sup>25</sup>	2003	China	East Asia	Hospital population ≥60 years	Chinese PLA General Hospital	362	77.5	NR	NR	31 (10/14/7/21)	5.5

Prevalence of CAA pathology shows the overall prevalence (irrespective of CAA grade), and, if reported, the prevalence of different stages of CAA (mild, moderate, severe, or moderate-to-severe).

ACT, Adult Changes in Thought cohort; BLSA, Baltimore Longitudinal Study of Aging; MAP, Rush Memory and Aging Project; MGH, Massachusetts General Hospital; MRC CFAS, Medical Research Council Cognitive Function and Ageing Study; PLA, People Liberation Army; ROS, Religious Orders Study; UMLS CNHOA, University of Manchester Longitudinal Study of Cognition in Normal Healthy Old Age; UK-ARDC, Kentucky Alzheimer's Disease Research Center; VITA, Vienna Transdanube Aging; ADC, Alzheimer disease center; CAA, cerebral amyloid angiopathy; ICH, intracerebral hemorrhage; NR, not reported; QA, total score of quality assessment; UK, United Kingdom; USA, United States of America.

\*Median age and/or age range were reported instead of mean age (SD); <sup>†</sup>The exact age was not provided, but an estimation could be made based on the available data.