

Supplementary table 5. Common Variables used in dementia risk models

	Variables	Number of studies
Demographics	Age	30
	Sex	23
	Education	19
	Race/Ethnic	2
	Deprivation	1
	Illiteracy	1
	Marital status	1
Cognition	Mini Mental State Examination (MMSE)	11
	Alzheimer's Disease Assessment Scale-cognitive subscale	8
	Rey Auditory-Verbal Learning Test Short delayed recall score	7
	Logical Memory delayed recall	5
	Consortium to Establish a Registry for Alzheimer's Disease (CERAD) Battery	4
	Digit Symbol Substitution Test (DSST)	4
	Subjective cognitive complaints/decline	4
	Cognitive Abilities Screening Instrument	3
	Free recall score from the Free and Cued Selective Reminding Test	3
	Trail Making Test (Part B)	3
	Wechsler Memory Scale	3
	Free and Cued Selective Reminding Test	3
	Clinical Dementia Rating sum of boxes	2
	Clock drawing test	2
	Intra-categorical Delayed Selective Reminding Test	2
	Isaacs Set Test	2
	Kihon Checklist	2
	Logical Memory immediate recall	2
	The Modified Mini-Mental State	2
	Trail Making Test (Part A)	2
	Verbal fluency test (animal)	2
	Activity Recall	1
	Animal naming	1
	Benton Visual Retention Test	1
	Buschke Selective Reminding Test	1
	Cambridge Cognitive Examination	1
	Digit Letter Test	1
	Identical Pictures Test	1
	Memory for text	1
	Memory impairment screen plus	1
Paired Associates	1	

	Rey figure delay recall	1
	Screening instrument for cognitive impairment and dementia (SIDAM)	1
	The Wechsler Adult Intelligence Scale-Revised	1
	Vascular Dementia Assessment Scale	1
	Wechsler Adults Intelligence Scale	1
Functioning	Instrumental Activities of Daily Living Scale	3
	Functional Assessment Questionnaire	2
	Assistance needed with money or medications	1
	Difficult shopping alone	1
Health	Body mass index	13
	Diabetes	10
	Systolic blood pressure	7
	Cholesterol	7
	Depression	6
	Cardiovascular disease	6
	Depressive symptoms (depressed mood, loss of interest, change of appetite, sleep disturbance, psychomotor change, loss of energy, worthlessness, concentration difficulty, loss of interest)	3
	Glycosylated haemoglobin (HbA1c)	3
	Hypertension	3
	Renal disease	3
	Stroke	3
	Use of antihypertensive agents	3
	Arterial fibrillation	2
	Cerebrovascular disease	2
	Fasting plasma glucose	2
	Acute metabolic event	1
	Angina pectoris	1
	Anti-diabetes medications	1
	Anxiety and tension	1
	Aortic calcification	1
	Arthritis or rheumatism	1
	Atrial fibrillation	1
	Bipolar disorders	1
	Bypass surgery	1
	Calf pain when walks ceases when halts	1
	Cancer	1
	Chest pain when excited	1
	Chest pain when walking up a hill or fast	1
	Chest problems	1
	Chronic pulmonary disease	1
	Congestive heart failure	1

Cough	1
Crohn's and ulcerative disease	1
Current aspirin use	1
current NSAID use	1
Dental problems	1
Denture fit	1
Diabetic foot	1
Dizziness when suddenly stands up	1
Ear trouble	1
Epilepsy	1
Eye trouble	1
Eyesight trouble	1
Feet or ankle trouble	1
Folic acid	1
Fractures	1
Glaucoma	1
Gout	1
Hearing trouble	1
Heart disease	1
Hyperlipidemia	1
Hypoglycemia	1
Incontinence (lose control of bladder, lose control of bowels)	1
Internal carotid thickness	1
Ischemic attacks	1
Liver disease	1
Malignant tumor	1
Mircovascular disease	1
Myocardial infarction	1
Nose stuffed up or sneezing	1
Neuropsychiatric symptom	1
Obesity	1
Parkinson's disease	1
Peptic ulcer disease	1
Peripheral vascular disease	1
Postural hypertension	1
Psychotic illness	1
Pulmonary congestion	1
Rheumatologic disease	1
Second heart sound abnormal	1
Sinus tachycardia	1
Skin problems	1
Stomach trouble	1
Thyroid disease	1

	Transplantation	1
	Traumatic brain injury	1
	T-wave abnormalities	1
	Unable to walk a half-mile	1
Lifestyle	Physical activity/ regular exercise	7
	Alcohol intake	6
	Smoking	5
	Social network and engagement	4
	Fish intake	1
	Mediterranean diet	1
	Unsaturated fat intake	1
Genetics	<i>APOE</i>	13
	<i>CLU</i>	2
	<i>PICALM</i>	2
	<i>ABCA7</i>	1
	<i>BIN1</i>	1
	<i>CD2AP</i>	1
	<i>CD33</i>	1
	<i>CR1</i>	1
	<i>EPHA1</i>	1
	<i>MS4A4E</i>	1
	<i>MS4A6A</i>	1
MRI	Hippocampal volume	3
	Left middle temporal lobe thickness	3
	Brain volume	2
	White matter disease	2
	Ventricular enlargement	1
	Cortical thickness of the right inferior temporal lobe	1
	Volume of right cerebellum cortex	1
	Volume of right inferior parietal	1
	Volume of left cuneus	1
	Volume of left temporal pole	1
	Volume of left entorhinal	1
	Volume of right middle temporal gyrus	1
CSF	A β 42	3
	p-tau	3
	t-tau	3
	Total tau	1
PET-CT	¹⁸ F-FDG standard uptake values ratios of posterior cingulate	1
	¹¹ C-PiB standard uptake values ratios of medial temporal	1
	¹⁸ F-FDG parietal glucose metabolic rate	1
Other	Cognitive activity	3

Family history of dementia	1
Forgetfulness in daily living	1
High-sensitivity cardiac troponin I (hs-TnI)	1
Live in rural area	1
Nature of work	1
N-terminal pro-brain natriuretic peptide (NT-proBNP)	1
Physicality of work	1
Productive activity	1
Stubborn/resistive to help	1
Upset when separated	1
Work environment,	1
Work status	1
