

Supplemental Table 1. Overview of data sources

Data source	Country	Year established	Sample	Source	Follow-up	Data available
SveDem [23]	Sweden	2007	109,000 patients with MCI or dementia	Population	annual	<input checked="" type="checkbox"/> Cognitive function <input type="checkbox"/> Fluid biomarkers <input type="checkbox"/> Neuroimaging <input type="checkbox"/> Genetic <input checked="" type="checkbox"/> Comorbidities <input checked="" type="checkbox"/> Treatment <input checked="" type="checkbox"/> Life factors
GEDOC [24]	Sweden	1998	>7000	Memory clinic		<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input checked="" type="checkbox"/> Genetic

						<input type="checkbox"/> Comorbidities <input type="checkbox"/> Treatment <input type="checkbox"/> Life factors
Kuopio Research Cohort [25]	Finland		200 participants including patients and controls	Memory clinic	annual	<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input type="checkbox"/> Genetic <input checked="" type="checkbox"/> Comorbidities <input checked="" type="checkbox"/> Treatment <input type="checkbox"/> Life factors
ALFA+ [26]	Spain		420 unimpaired participants, most children of AD patients	Research cohort	Every 3 years	<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input checked="" type="checkbox"/> Genetic

						<input type="checkbox"/> Comorbidities <input type="checkbox"/> Treatment <input checked="" type="checkbox"/> Life factors
BETA-AARC [27]	Spain	2022	200 participants with SCD or MCI	Research cohort	annual	<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input type="checkbox"/> Genetic <input type="checkbox"/> Comorbidities <input type="checkbox"/> Treatment <input checked="" type="checkbox"/> Life factors
DELCODE [28]	Germany	2015	1000 participants including AD patients, controls, and unimpaired with a first degree	Memory clinic	annual	<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input type="checkbox"/> Genetic

			relative with AD			<input type="checkbox"/> Comorbidities <input type="checkbox"/> Treatment <input type="checkbox"/> Life factors
MEMENTO [29]	France	2011	2323 patients with MCI or dementia	Memory clinic	annual	<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input checked="" type="checkbox"/> Genetic <input checked="" type="checkbox"/> Comorbidities <input checked="" type="checkbox"/> Treatment <input checked="" type="checkbox"/> Life factors
REAL AD [30]	Sweden	2023	Collection not yet started; aims to provide a reference panel for normal cognitive tests and	Research cohort	NA	<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input type="checkbox"/> Genetic

			biomarker values			<input type="checkbox"/> Comorbidities <input type="checkbox"/> Treatment <input type="checkbox"/> Life factors
Amsterdam Dementia Cohort [31]	The Netherlands	2000	~8000	Memory clinic	annual	<input checked="" type="checkbox"/> Cognitive function <input checked="" type="checkbox"/> Fluid biomarkers <input checked="" type="checkbox"/> Neuroimaging <input checked="" type="checkbox"/> Genetic <input checked="" type="checkbox"/> Comorbidities <input checked="" type="checkbox"/> Treatment <input checked="" type="checkbox"/> Life factors