Supplementary Table 1. Data sources available to ROADMAP

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| **ROADMAP Level 1 – Consortium Partner Data Access**a | | | |
| **Country** | **Data source** | **Number of patients** | **Setting** |
| Denmark | Aarhus University Hospital database | 2.3 million | Hospital |
| Copenhagen database | 2.4 million | Hospital |
| France | Memento | 1,000 | Memory clinic |
| Netherlands | IPCI | 2 million | Primary care |
| Amsterdam dementia cohort | 4,000 | Memory clinic |
| Parelsnoer clinical cohort | 1,000 | National memory clinic |
| ACTIFCare cohort | 400 | Home living |
| Learn cohort | 300 | Memory clinic |
| Spain | SIDIAP | 5.8 million | Primary care |
| ReDeGi register | 6,000 | Hospital |
| Sweden | Gothenburg population study H70 | 8,200 | Population cohorts |
| Prospect Population Study of Women, in Gothenburg | 1,467 | Population cohorts |
| SveDem | 63,160 | Population cohorts |
| UK | Cygnus care cohort | 500 | Memory clinic |
| Multi-country | Clinical trial placebo data – Eli Lilly | 2,000 | Clinical trial data |
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| **ROADMAP Level 2 + 3 – Consortium Partner Facilitated Access**a | | | |
| **Country** | **Data source** | **Number of patients** | **Setting** |
| Denmark | National patient registers | 5.6 million | Administrative |
| Sweden | LISA register | 10 million | Insurance data |
| National patient registers | 10 million | Hospital |
| QRegPV | 10 million | Primary care |
| Social services register | 10 million | Administrative |
| Tax agency register | 10 million | Administrative |
| National healthcare register | 10 million | Administrative |
| Military service register | 7 million | Administrative |
| VEGA healthcare register | 1.6 million | Regional register |
| UK | NHS Digital | 56 million | Hospital |
| eDRIS Scotland | 5.7 million | National linkage |
| CPRD | 5 million | Primary care |
| SAIL | 3 million | National linkage |
| UK CRIS | 3 million | Mental health |
| Dementias Platform UK, including:b  Million Women Study  UK Biobank | 2 million  1.3 million  500,000 | Population/patient cohorts  Population cohort  Population cohort |
| Multi-country | EMIF-AD | 3,500 | Population/patient cohorts |
| EMIF EHR | 40 million | Primary care/hospital |
| CAMD | 6,500 | Clinical trial placebo data |

aROADMAP had three levels of data access: 1. Direct access, where the data custodian was a ROADMAP consortium partner; 2. Accelerated/facilitated access, where a ROADMAP consortium partner was affiliated with, or an expert in access processes for, a data source; and 3. A standard application process for use by any research requestor. bThe remaining 200,000 patients are accounted for through other cohorts, some of which are not population cohorts but disease based. ACTIFCare, ACcess to Timely Formal Care; CAMD, Coalition Against Major Diseases; CPRD, Clinical Practice Research Datalink; CRIS, Clinical Record Interactive Search system; eDRIS, electronic Data Research and Innovation Service; EHR, electronic health record; EMIF-AD, European Medical Information Framework-Alzheimer’s Disease project; IPCI, Integrated Primary Care Information database; LISA, Longitudinal integration database for health insurance and labour market studies; NHS, National Health Service; QRegPV, Primary care in the region of Västra Götaland register; ReDeGi, Registry of Dementias of Girona; SAIL, Secure Anonymised Information Linkage Databank; SIDIAP, Information System for Research in Primary Care; SveDem, Swedish Dementia Registry; VEGA, Western Swedish Health Care Register.