Supplementary Table 1. Neurological conditions which excluded participants.

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| UK Biobank Field Codes | **Field 6150** = 3**Field 20001** = 1031 OR 1032**Field 20002** = 1082 1083 1086 1524 1262 1397 1683 1245 1246 1491 1425 1433 1258 1263 1264 1266 1244 1583 1659 1259 1240 1434 |
| Condition titles | Brain cancer/primary malignant tumourBrain haemorrhageBrain/intracranial abscessCerebral aneurysmCerebral palsyChronic/degenerative neurological problemDementia/Alzheimer's disease/cognitive impairmentEncephalitisEpilepsyHead injuryInfection of nervous systemIschaemic strokeMeningeal cancer/malignant meningiomaMeningioma (benign)MeningitisMotor neurone diseaseMultiple sclerosisNeurological injury/traumaNeuroma (benign)Other demyelinating conditionOther neurological problemParkinson's disease Spina bifidaStrokeSubarachnoid haemorrhageSubdural haematomaTransient ischaemic attack |