

The background of the slide is a solid dark blue. Overlaid on this background are three faint, semi-transparent elements: a sagittal MRI scan of a human brain on the right side, a bar chart with several vertical bars of varying heights in the center-left, and a grid pattern on the far left. The text is centered in the middle of the slide in a large, white, sans-serif font.

Dementias Platform UK (DPUK): Facilitating Cross-cohort Analysis in a Digital Age

Welcome to the Data Portal

The DPUK Data Portal brings together records of over 2 million people in a **free-to-access** resource.

Researchers can identify which cohorts are relevant to them, apply for access to the data and then analyse it in a secure, remote environment with a complete data linkage and analysis package.

[Explore Cohorts](#)

[Apply for Data Access](#)

IDENTIFY

Use the Cohort Matrix to quickly identify the cohort studies which collect the data that you need.

Search the Cohort Directory to get more detailed information on the data that interests you and compare the cohorts side-by-side.

- [Cohort Matrix](#)
- [Cohort Directory](#)
- [Data Availability](#)
- [Data Deposit Agreement](#)

ACCESS

Apply for access to data from different cohort studies in a **single application**.

Receive a response to your data application in 28 days and access data online in 90 days if your application is approved.

- [Apply for Data Access](#)
- [Application Process](#)
- [Register for Data Portal Account](#)
- [Data Access Agreement](#)

ANALYSE

Work with cohort data in the Data Portal's secure analysis area - accessible anywhere with an internet connection.

Process and analyse large datasets on DPUK servers at no cost to you or your institution.

- [Analysis Environment](#)
- [Imaging Platform](#)
- [Genetics Platform](#)
- [Data Linkage](#)

Cohort Directory

Welcome to the DPUK Cohort Directory. Below you will find a list of cohorts representing a wide range of studies from across the UK. We will add to the list as cohorts are brought into the Platform.

These cohorts have been characterised and the comparison function provides a summary of the data that have been collected within that cohort. To compare cohorts, click on the tick box beside two or more cohorts and then scroll to the bottom of the table and click Compare.

To find a more detailed account of data that have been collected in the study, please click on the Cohort Name to see the Cohort Description. This view will also enable you to access supporting documents to further outline the methods, as well as publications arising from the study.

For a briefer overview and quick comparison, please see our [cohort matrix](#).

Cohort Matrix >

Data Availability >

Access Methods & Fees >

Access Agreement >

Apply for Data Access >

GDPR Notice >

Search cohorts by name or institution



ACRONYM ▴	FULL NAME ▾	INSTITUTION
Airwave	The Airwave Health Monitoring Study	Imperial College London
AMPLE	AMyloid imaging for Phenotyping LEwy body dementia	Newcastle University
BDR	Brains for Dementia Research	Newcastle University
Cam-CAN	Cambridge Centre for Ageing and Neuroscience	University of Cambridge
CamPaIGN	Cambridgeshire Parkinsons Incidence from GP to Neurologist	University of Cambridge
CaPS	The Caerphilly Prospective Study	University of Bristol
CFAS II	Cognitive Function in Ageing Study II	University of Cambridge
CHARIOT	The Cognitive Health in Ageing Register: Investigational, Observational, and Trial studies in dementia research	Imperial College London



[Back to Cohort Directory](#)

ELSA

AVAILABLE VARIABLES

DOCUMENTS

PUBLICATIONS

SOCIAL ENVIRONMENT

PHYSICAL EXAMINATION

LINKAGE DATA

BIOSAMPLE ASSAYS

DIGITAL PHENOTYPING

Biosample Assays

VARIABLE TYPE	BASELINE	1	2	3	4	5	6	7	8
Triglycerides	✓		✓		✓		✓		✓
Total and DHL-cholesterol	✓		✓		✓		✓		✓
C-reactive protein, fibrinogen	✓		✓		✓		✓		✓
Haemoglobin and ferritin	✓		✓		✓		✓		✓
White blood cell count					✓		✓		✓
Fasting lipids, glucose,			✓		✓		✓		✓

Cohort Matrix

Use our Cohort Matrix to quickly scan and compare what types of data are available from our cohorts. For more detailed information about our cohorts, please visit the Cohort Directory.

[Cohort Explorer](#)[Cohort Directory](#)[Data Availability](#)[Access Methods & Fees](#)[Apply for Data Access](#)

Explore by:

- Viewing cohort overviews and categories
- Click cohort names to view them in more detail
- Click available cohort categories to go directly to their summary

[View Category Definitions](#)

COHORT OVERVIEW

DATA CATEGORIES

SHOWING 42 COHORTS

	Administration	Sociodemographic	Family History	Early Life History	Physical Health Status	Reproductive History	Health Care Utilisation	Life Functionality	Psychological Status	Mental Health
Airwave	✓	✓	✓	✓	✓	✓	✗	✗	✓	
AMPLE	✓	✓	✗	✗	✓	✗	✓	✓	✓	
BDR	✓	✓	✗	✗	✓	✗	✓	✓	✓	

DPUK Cohort Explorer



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This interactive tool allows the user to explore data for a number of DPUK cohorts.

Over 30 variables from each cohort have been harmonised, including information on demographics, lifestyle, cognition, health and genetic biomarkers.

- **Navigate** using buttons at top of each page
- **Filter data** for all pages on the Filter page
- **Remove selections** by clicking on *Clear all filters*
- Click on elements of the **interactive charts** to focus on specific populations and click outside of chart to remove selection
- Make **multiple selections** using **ctrl+click**

**VIEW
REPORTS**



**GO TO
FILTERS**



93113 Participants currently available

5 Cohorts

45565

Airwave

The Airwave Health Monitoring Study

21

DFP

Deep and Frequent Phenotyping Study

27073

ELSA

The English Longitudinal Study of Ageing

20128

GS:SFHS

Generation Scotland: Scottish Family Health Study

326

ICICLE-PD

The Incidence of Cognitive Impairment in Cohorts with Longitudinal Evaluation-PD

DPUK Cohort Explorer

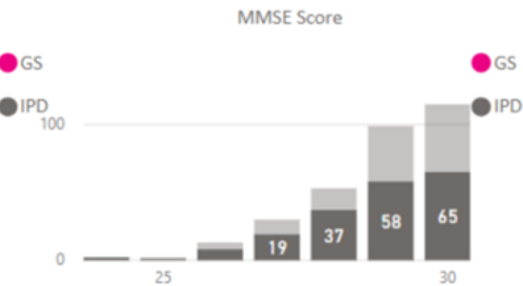
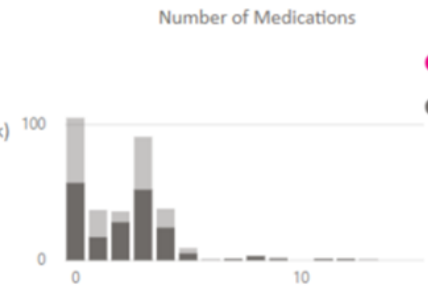
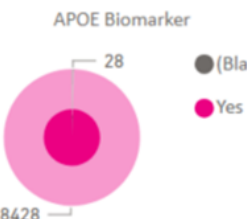
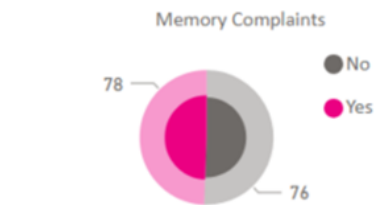
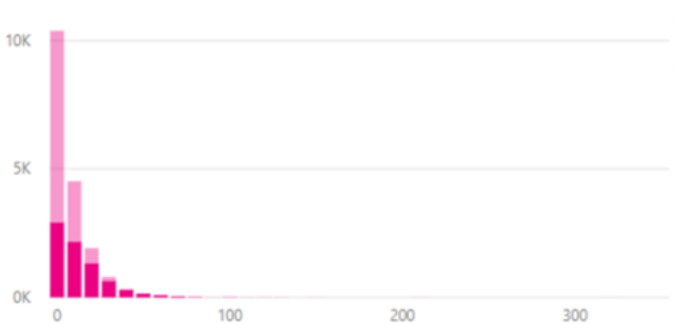
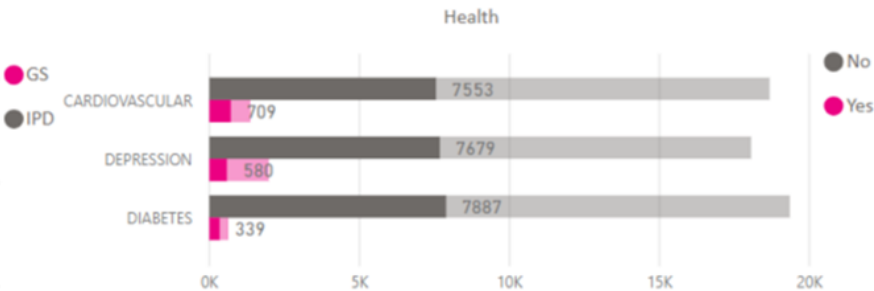
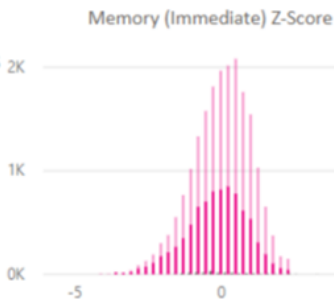
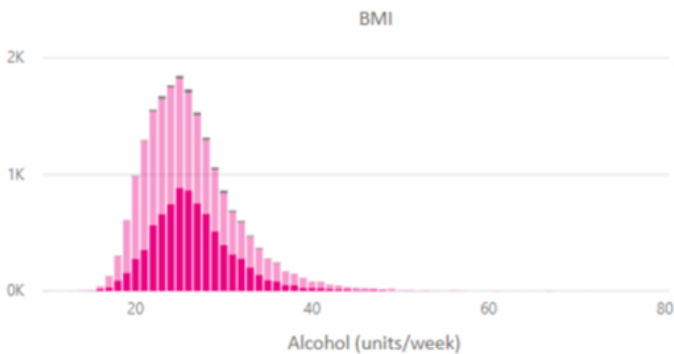
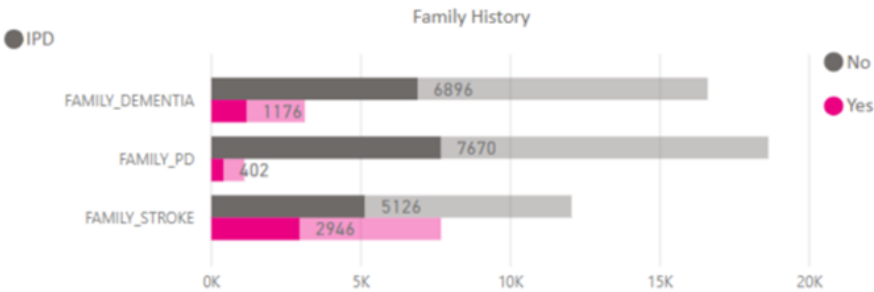
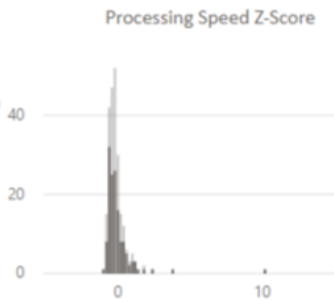
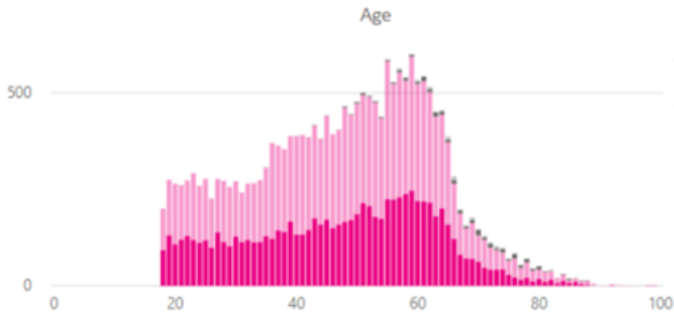
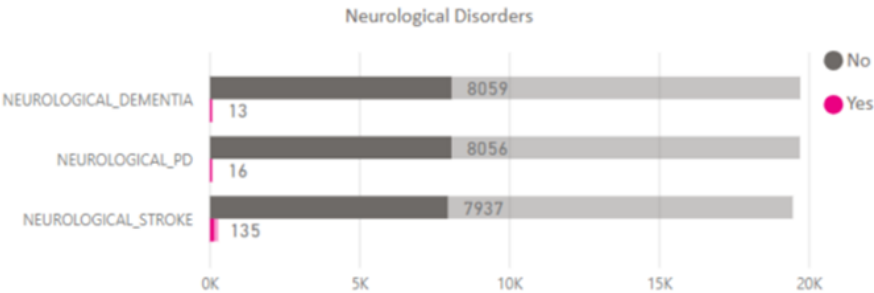
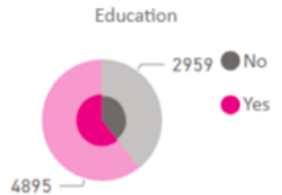
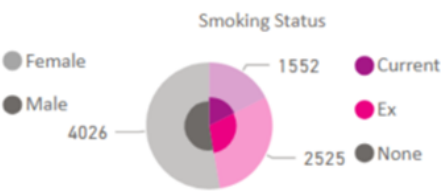
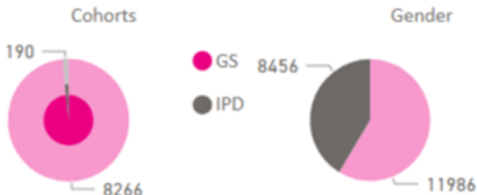
8456
PARTICIPANTS



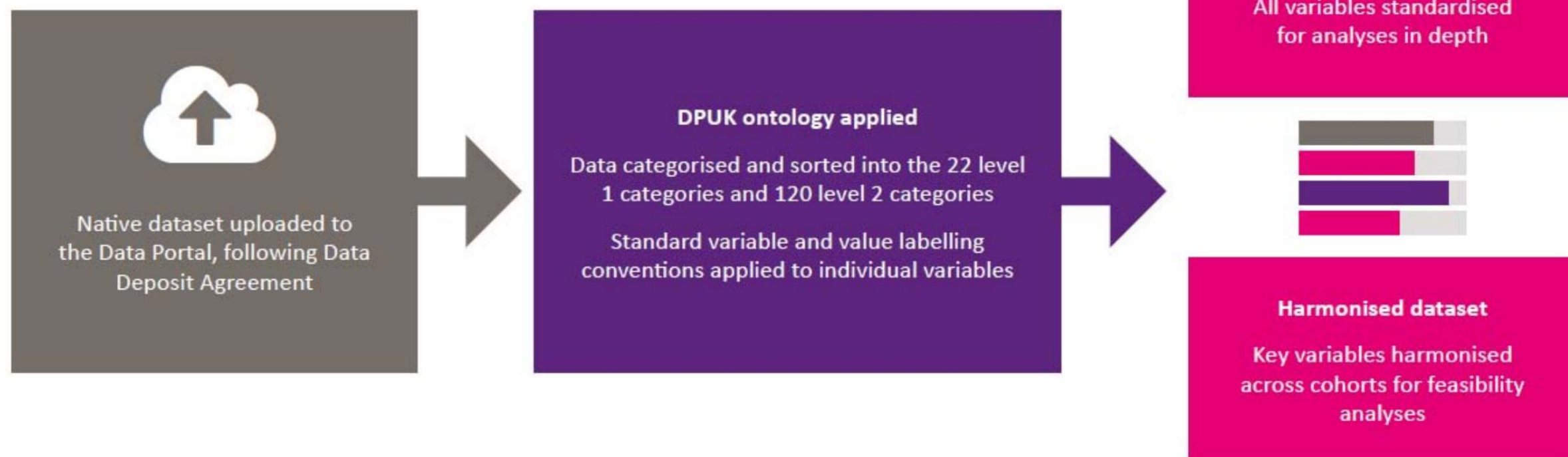
Click the arrow on the left side of the board to show all data filters.
Use ctrl+click to make multiple selections.
To filter the data, use the filter panel and/or interactive charts.



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The data journey: preparing the common data model



 Identify cohort data for research i...   Watch later Share

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Identify

 Analyse cohort data for research ...   Watch later Share

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Analyse

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Big data working

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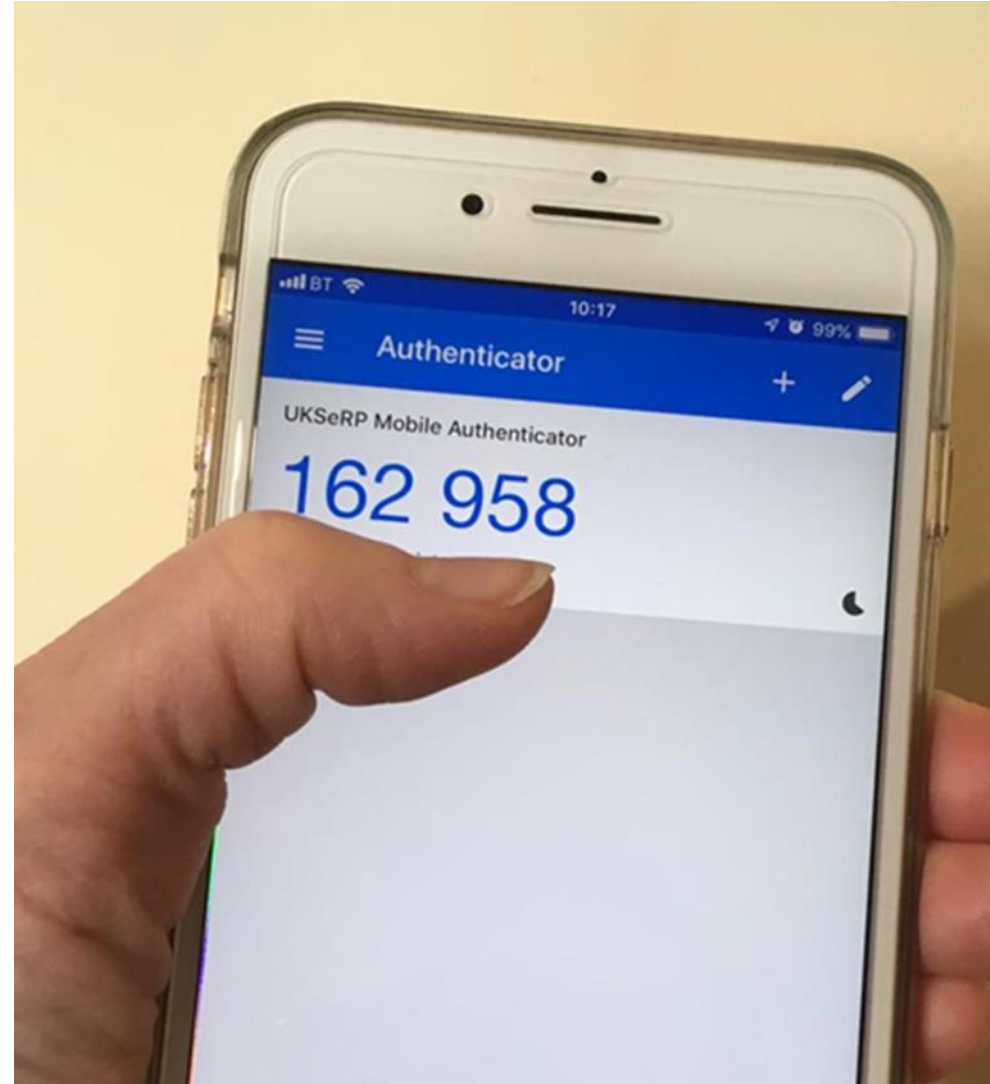
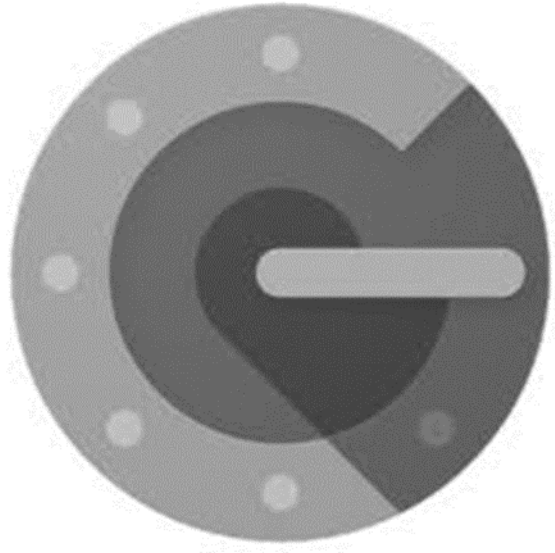
Access

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Synthetic dataset

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DPUK 32GB
desktop



DPUK Floating
Desktop




DPUK XL Desktop




DPUK-Dedicated




UKSeRP DPUK
Imaging Linux



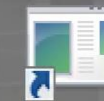
Recycle Bin




Microsoft SQL Server Mana...




VMware Horizon Pe...




Google Chrome




Data Catalogue




RStudio




WinSQL




Mount Storage




Eclipse




SAS 9.4




adversity_fa...




File In and Out




SAS Enterprise Guide 6.1




Computer - Shortcut



JetBrains PyCharm ...



StataSE 15



DPUKSynth... - DPUK Synt...

Computer > Projects (S:) > Search Projects (S:)

Organize > Properties > System properties > Uninstall or change a program > Open Control Panel

Hard Disk Drives (1)

- Local Disk (C:): 11.5 GB free of 74.8 GB

Devices with Removable Storage (2)

- Floppy Disk Drive (A:)
- DVD Drive (D:)

Network Location (4)

- users (\ch\UKSeRPDPUK) (P:): 115 GB free of 179 GB
- Resources (R:): 115 GB free of 179 GB
- Projects (S:): 115 GB free of 179 GB
- STATA Data Files (T:): 115 GB free of 179 GB

Computer

- Local Disk (C:)
- users (\ch\UKSeRPDPUK) (P:)
- Resources (R:)
- Projects (S:)
- STATA Data Files (T:)

Network

100 items

Projects (S:)

Name	Date modified	Type	Size
0003_AD_MCIDementia - Validation of a ...	25/06/2018 11:59	File folder	
0004_AirPollution - Deciphering associ...	22/06/2018 16:26	File folder	
0005_MortalityHealth - Associations bet...	22/06/2018 16:26	File folder	
0006_CaPS_Wellbeing	22/06/2018 16:26	File folder	
0006_WellbeingCaPS - Testing the asscat...	22/06/2018 16:26	File folder	
0007_Immunotherapy - Immunotherapy ...	22/06/2018 16:26	File folder	
0132_MHealthCogChnge - The longitudi...	11/01/2019 13:48	File folder	
0133_LatentChangScor - Applying latent ...	11/01/2019 13:47	File folder	
0136_DataDiscovery - DPUK Data Discove...	22/11/2018 12:16	File folder	
0137_Cholinesterase - The effectiveness ...	22/10/2018 16:00	File folder	
0140_PrevailParkins - Prevail Parkinson's ...	22/06/2018 16:26	File folder	
0143_Hormonal_MH_Cog - Associations ...	22/06/2018 16:26	File folder	
0143_HormonesMentCog - Associations ...	17/12/2018 10:01	File folder	
0144_ChildhoodAdvers - The effect of ch...	19/02/2019 11:03	File folder	
0144_substudy - The effect of childhood ...	19/02/2019 14:41	File folder	
0146_CogPresandRes - Investigating the l...	09/01/2019 14:15	File folder	
0148_ProdromalAlzh - Creating Patient S...	25/06/2018 11:59	File folder	
0149_MetandCardioCD - The role of met...	30/07/2018 12:04	File folder	
0156_Reliable_Change - Identifying reliab...	15/10/2018 11:20	File folder	
0157_Med_Diet - Exploring the associatio...	20/12/2018 12:04	File folder	
0158_Vasc_Factors - Have we overestim...	20/11/2018 16:49	File folder	
0169_IRTCAT - Using Item Response The...	08/01/2019 09:13	File folder	
0170_Adult_Traject - Adult trajectories of ...	31/01/2019 14:40	File folder	
0174_Parkinsons_ACE - Parkinson's Disea...	14/12/2018 17:25	File folder	
0179_Thromboembolic - Study of Incide...	19/12/2018 10:54	File folder	
0181_AgeingWell - The multiple dimensi...	04/10/2018 08:37	File folder	
0184_ADGeneticVar	17/12/2018 15:56	File folder	
0185_Soc_Biomed_Risk - Life course soci...	12/12/2018 15:19	File folder	
0189_AHMS - The Airwave Health Monit...	12/02/2019 14:18	File folder	
0191_DementiaRisk - Predicting different ...	01/02/2019 13:27	File folder	
0195_Alcohol_Intake - How does alcohol ...	12/02/2019 14:21	File folder	
0199_Abdom_Adiposity - Can diet influe...	12/02/2019 14:23	File folder	
0202_NeuropathDiag - Clinical and neuro...	29/01/2019 13:03	File folder	
15008 - 15008	25/06/2018 11:59	File folder	
A000_EMIFPSTInstall - Installation of the ...	22/06/2018 16:26	File folder	
A001_EMIF_Superagers - Predictors of su...	12/02/2019 13:20	File folder	
A002_DementiaDiag - Developing model...	23/08/2018 11:16	File folder	
A003_AD_Prediction - Using longitudinal ...	22/06/2018 16:26	File folder	
A004_BMI_CogFunc - BMI and Cognitive ...	27/09/2018 12:55	File folder	

Projects (S:)

Name	Date modified	Type	Size
DPUK Docs	25/06/2018 11:59	File folder	
ELSA Metadata	31/05/2018 09:58	File folder	
ELSA_sarah	16/08/2018 17:24	File folder	
NSHD	16/08/2018 16:37	File folder	
Out_Folder	19/02/2019 11:03	File folder	
Whitehall II	17/12/2018 10:01	File folder	

6 items

users (\ch\UKSeRPDPUK) (P:): Space used: 115 GB Total size: 179 GB

DPUK Datathon Initiative

Working with ECRs and researchers - providing the opportunity to:

- experience analysis of cohort data across multiple modalities
- collaborate with other researchers in a workshop environment
- gain a broad understanding of dementia & new scientific topics
- learn new analytical and programming skills
- work on research ideas & questions which may lead to full project proposals



DPUK is collaborating with ARUK and host institutions to hold these events and senior science representatives from these institutions will be present at all workshops