UK Outbreak data analysis platform

Safe pseu

EMBARGO AREA

Curated data accessible to all contributors under strict publication embargo

RESEARCH DATA:

ISARIC4C TIER 0/1/2 hospitalised (2,510):

host whole genome seq

multiomics serial:

serology

viral load

PHOSP clinical follow-up: (1,075)

host microarray genotype

multiomics serial:

serology

COG-UK Viral whole genome seq (550,000)

GenOMICC Host whole genome (18,026)

UK-CIC immunology

LINKED DATA:

Summary (non-disclosive) clinical data

Supervised exports of nondisclosive data

LINKED RESEARCH DATA:

ISARIC4C TIER 0 (CO-CIN) (270,230)

ISARIC4C TIER 1/2 Multi-omics (2,510)

PHOSP clinical follow-up (1,075)

PHOSP TIER 1/2 multiomics

COG-UK Viral variant data (21,230)

GenOMICC Host variant data (18,026)

UK-CIC immunology

LINKED DATA (available):

NHS Digital England &Wales In/outpatient

NHS Scotland (SMR00/01) In/outpatient

Death records (Scotland)

Critical care audit (SICSAG)

LINKED DATA (planned):

Critical care audit (ICNARC)

NHS England&Wales Inpatient/Outpatient

National immunisation database (NIMS)

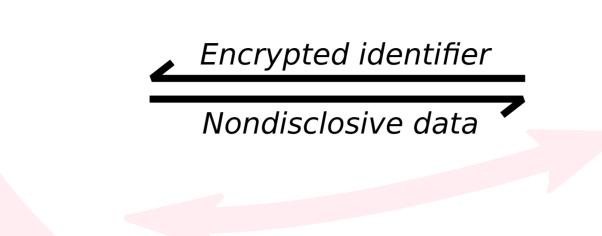
Pillar 1/2 testing

England

NON-EMBARGO AREA

Curated data accessible to approved bona fide researchers for academic/commercial use

All data released by investigators at or before publication



API

UK Health Security Agency Public Health England Public Health Scotland Public Health Wales Public Health Nothern Ireland

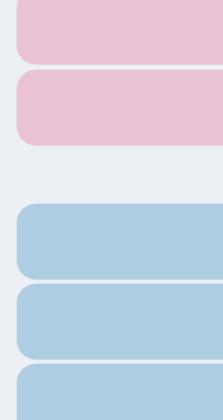
Office for National Statistics

NHS Digital / OpenSafely

Other TREs

Supervised exports of nondisclosive data

All data released by investigators at or before publication



Public Public **Public** Health Health Health

Scotland

Public Health Wales

Automated feed of viral genome data for clinical linkage

CLIMB COVID

UK PHA UK academic instituions NHS

Wellcome Sanger Institute

automated pipelines

COG-UK Viral whole genome seq (550,000)

viral evolution

variant calling

phylogeny

automated deposit in open-access public databases

UK Health Security Agency Public Health England Public Health Scotland Public Health Wales Public Health Nothern Ireland International public databases

- GISAID
- ENA/INSDC