



UK Outbreak data analysis platform

EMBARGO AREA

Curated data accessible to all contributors under strict publication embargo

RESEARCH DATA:

- ISARIC4C TIER 0/1/2 hospitalised (2,438):
  - host whole genome seq
  - serial: multiomics
  - serology
  - viral load
- PHOSP clinical follow-up: (1,075)
  - host microarray genotype
  - serial: multiomics
  - serology
- COG-UK Viral whole genome seq (550,000)
- GenOMICC Host whole genome (14,560)
- UK-CIC immunology

LINKED DATA:

- Summary (non-disclosive) clinical data

NON-EMBARGO AREA

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

All data released by investigators at or before publication

Supervised exports of non-disclosive data

All data released by investigators at or before publication

LINKED RESEARCH DATA:

- ISARIC4C TIER 0 (CO-CIN) (223,411)
- ISARIC4C TIER 1/2 Multi-omics (2,438)
- PHOSP clinical follow-up (1,075)
- PHOSP TIER 1/2 multiomics
- COG-UK Viral variant data (21,230)
- GenOMICC Host variant data (14,560)
- 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

API

Encrypted identifier  
Nondisclosive data

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

FLEXIBLE COMPUTE SPACE  
Flexible high-performance compute area for pseudonymised data with explicit consent

TRUSTED RESEARCH ENVIRONMENT  
Safe haven research space for analysis of pseudonymised data without consent

Public Health England  
Public Health Scotland  
Public Health Wales  
Public Health NI

Automated feed of viral genome data for clinical linkage

CLIMB COVID

UK PHA  
UK academic institutions  
NHS  
Wellcome Sanger Institute

automated pipelines

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

variant calling  
viral evolution  
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