UK Outbreak data analysis platform

RESEARCH DATA:

Safe pseu

EMBARGO AREA NON-EMBARGO AREA

Curated data accessible to all contributors

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

serial:

serial:

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

GenOMICC Host whole genome (18,104)

Summary (non-disclosive) clinical data

Supervised

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

PHOSP clinical follow-up (1,075)

COG-UK Viral variant data (21,230)

GenOMICC Host variant data (18,104)

NHS Digital England & Wales In/outpatient

NHS Scotland (SMR00/01) In/outpatient

PHOSP TIER 1/2 multiomics

LINKED DATA (available):

Death records (Scotland)

LINKED DATA (planned):

Critical care audit (ICNARC)

Critical care audit (SICSAG)

UK-CIC immunology

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

LINKED RESEARCH DATA:

exports of non-

disclosive data

UK-CIC immunology

LINKED DATA:

host whole genome seq

host microarray genotype

serology

multiomics

under strict publication embargo

PHOSP clinical follow-up: (1,075)

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

multiomics serology All data released by viral load

investigators at or before publication

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

Encrypted identifier

Nondisclosive data

API

Supervised exports of nondisclosive data

All data released by investigators at or

before publication

NHS England&Wales Inpatient/Outpatient National immunisation database (NIMS) Pillar 1/2 testing

Automated feed **Public** Public **Public** of viral genome Health Health Health data for clinical Scotland Wales linkage

CLIMB COVID

UK academic instituions NHS

Wellcome Sanger Institute

UK PHA

Public

Health

England

pipelines

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

viral evolution phylogeny

variant calling

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

automated