# **UK Outbreak data analysis platform**

# Safe pseu



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 (17,661)

**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 (17,661)

**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

# **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

Public Health England Public Health Scotland Public Health Wales Public Health Nothern Ireland

UK Health Security Agency

Office for National Statistics

NHS Digital / OpenSafely

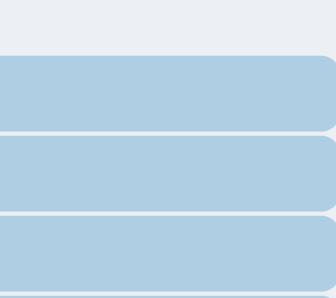
Other TREs

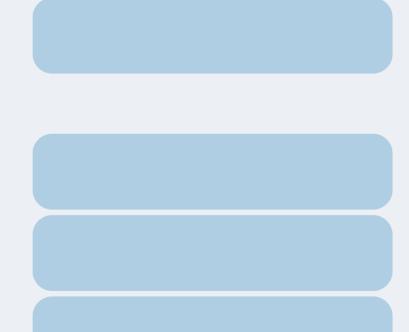
Supervised exports of nondisclosive data

All data released by investigators at or before publication









Public Health England

Public Health Scotland **Public** Health Wales

**Public** Health

Automated feed of viral genome data for clinical linkage

# **CLIMB COVID**

UK academic instituions NHS

Wellcome Sanger Institute

UK PHA

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