### **UK Outbreak data analysis platform**

# **RESEARCH DATA:**

## Safe pseu

### **EMBARGO AREA NON-EMBARGO AREA**

Curated data accessible to all contributors Curated data accessible to approved bona fide researchers for academic/commercial use under strict publication embargo

host whole genome seq

multiomics serial:

> serology viral load

PHOSP clinical follow-up: (1,075)

ISARIC4C TIER 0/1/2 hospitalised (2,507):

host microarray genotype

multiomics serial:

serology

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

GenOMICC Host whole genome (16,231)

**UK-CIC** immunology

LINKED DATA: Summary (non-disclosive) clinical data

Supervised exports of nondisclosive data

### LINKED RESEARCH DATA:

ISARIC4C TIER 0 (CO-CIN) (249,241)

ISARIC4C TIER 1/2 Multi-omics (2,507)

PHOSP clinical follow-up (1,075)

PHOSP TIER 1/2 multiomics

COG-UK Viral variant data (21,230)

GenOMICC Host variant data (16,231)

**UK-CIC** immunology

### LINKED DATA (available):

NHS Digital England &Wales In/outpatient

NHS Scotland (SMR00/01) In/outpatient

Death records (Scotland)

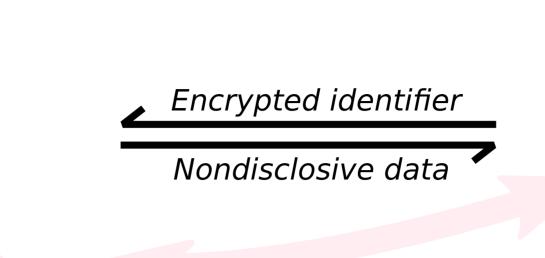
Critical care audit (SICSAG)

### LINKED DATA (planned):

Critical care audit (ICNARC)

NHS England&Wales Inpatient/Outpatient

National immunisation database (NIMS)



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

All data released by

investigators at or

before publication

Pillar 1/2 testing

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)

phylogeny

variant calling

viral evolution

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