## Safe pseu

## **UK Outbreak data analysis platform EMBARGO AREA NON-EMBARGO AREA** Curated data accessible to all contributors researchers for academic/commercial use under strict publication embargo **RESEARCH DATA:** ISARIC4C TIER 0/1/2 hospitalised (2,440): host whole genome seq multiomics serial: serology All data released by viral load investigators at or PHOSP clinical follow-up: (1,075) before publication host microarray genotype multiomics serial: serology COG-UK Viral whole genome seq (550,000) GenOMICC Host whole genome (14,602) **UK-CIC** immunology LINKED DATA: Summary (non-disclosive) clinical data Supervised Supervised exports of nonexports of nondisclosive data disclosive data LINKED RESEARCH DATA: ISARIC4C TIER 0 (CO-CIN) (223,770) ISARIC4C TIER 1/2 Multi-omics (2,440) PHOSP clinical follow-up (1,075) All data released by investigators at or PHOSP TIER 1/2 multiomics before publication COG-UK Viral variant data (21,230)

Curated data accessible to approved bona fide UK Health Security Agency Public Health England Public Health Scotland Public Health Wales Encrypted identifier Nondisclosive data Public Health Nothern Ireland API Office for National Statistics

NHS Digital / OpenSafely

Other TREs

Public

Health

England

Pillar 1/2 testing

Public Health Scotland

GenOMICC Host variant data (14,602)

NHS Digital England &Wales In/outpatient

NHS Scotland (SMR00/01) In/outpatient

NHS England&Wales Inpatient/Outpatient

National immunisation database (NIMS)

**UK-CIC** immunology

LINKED DATA (available):

Death records (Scotland)

LINKED DATA (planned):

Critical care audit (ICNARC)

Critical care audit (SICSAG)

**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

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

- GISAID
- ENA/INSDC

automated deposit in open-access public databases