## Safe pseu

## **UK Outbreak data analysis platform 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 **RESEARCH DATA:** ISARIC4C TIER 0/1/2 hospitalised (2,914): 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 (20,539) **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) (303,251) ISARIC4C TIER 1/2 Multi-omics (2,914) 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) GenOMICC Host variant data (20,539) **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)

Public Health England

Pillar 1/2 testing

Public Health Scotland

NHS England&Wales Inpatient/Outpatient

National immunisation database (NIMS)

**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)

viral evolution

variant calling

phylogeny

automated deposit in open-access public databases

Public Health Wales Public Health Nothern Ireland Office for National Statistics NHS Digital / OpenSafely

UK Health Security Agency

Public Health England

Public Health Scotland

Other TREs

Encrypted identifier

Nondisclosive data

API

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

- GISAID
- ENA/INSDC