UK Outbreak data analysis platform

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 **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 (20,425) **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 (20,425) **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)

Public Health England

Pillar 1/2 testing

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

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

UK Health Security Agency

Public Health Nothern Ireland

Office for National Statistics

NHS Digital / OpenSafely

Other TREs

Public Health England

Public Health Scotland

Public Health Wales

Encrypted identifier

Nondisclosive data

API

- ENA/INSDC

automated deposit

- GISAID