UK Outbreak data analysis platform

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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 (18,962) **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 (18,962) **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):

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

Encrypted identifier

Nondisclosive data

API

Automated feed **Public** Public Public **Public** of viral genome Health Health Health Health data for clinical Scotland Wales England linkage

CLIMB COVID

UK academic instituions NHS

Wellcome Sanger Institute

UK PHA

automated pipelines

Critical care audit (ICNARC)

Pillar 1/2 testing

NHS England&Wales Inpatient/Outpatient

National immunisation database (NIMS)

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