UK Outbreak data analysis platform

LINKED DATA:

Safe pseu

EMBARGO AREA Curated data accessible to all contributors under strict publication embargo **RESEARCH DATA:** ISARIC4C TIER 0/1/2 hospitalised (2,507): host whole genome seq multiomics serial: serology

viral load PHOSP clinical follow-up: (1,075)

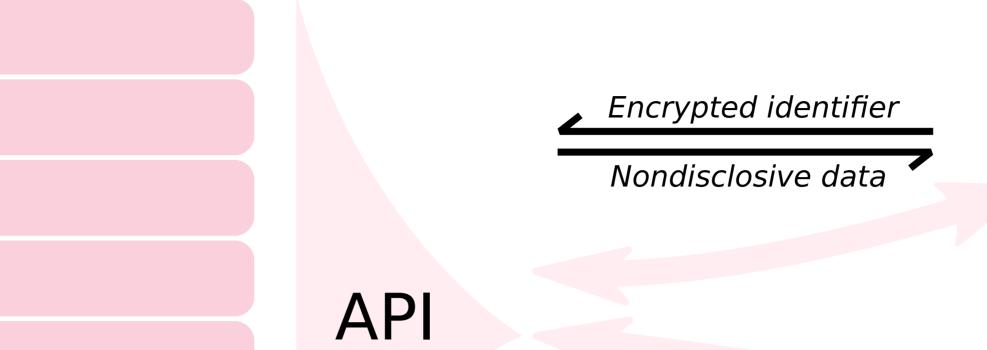
host microarray genotype

serology

multiomics

All data released by investigators at or before publication

NON-EMBARGO AREA Curated data accessible to approved bona fide researchers for academic/commercial use



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

serial:

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

GenOMICC Host whole genome (16,509)

Summary (non-disclosive) clinical data

LINKED RESEARCH DATA:

UK-CIC immunology

ISARIC4C TIER 0 (CO-CIN) (253,181)

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 (16,509)

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)

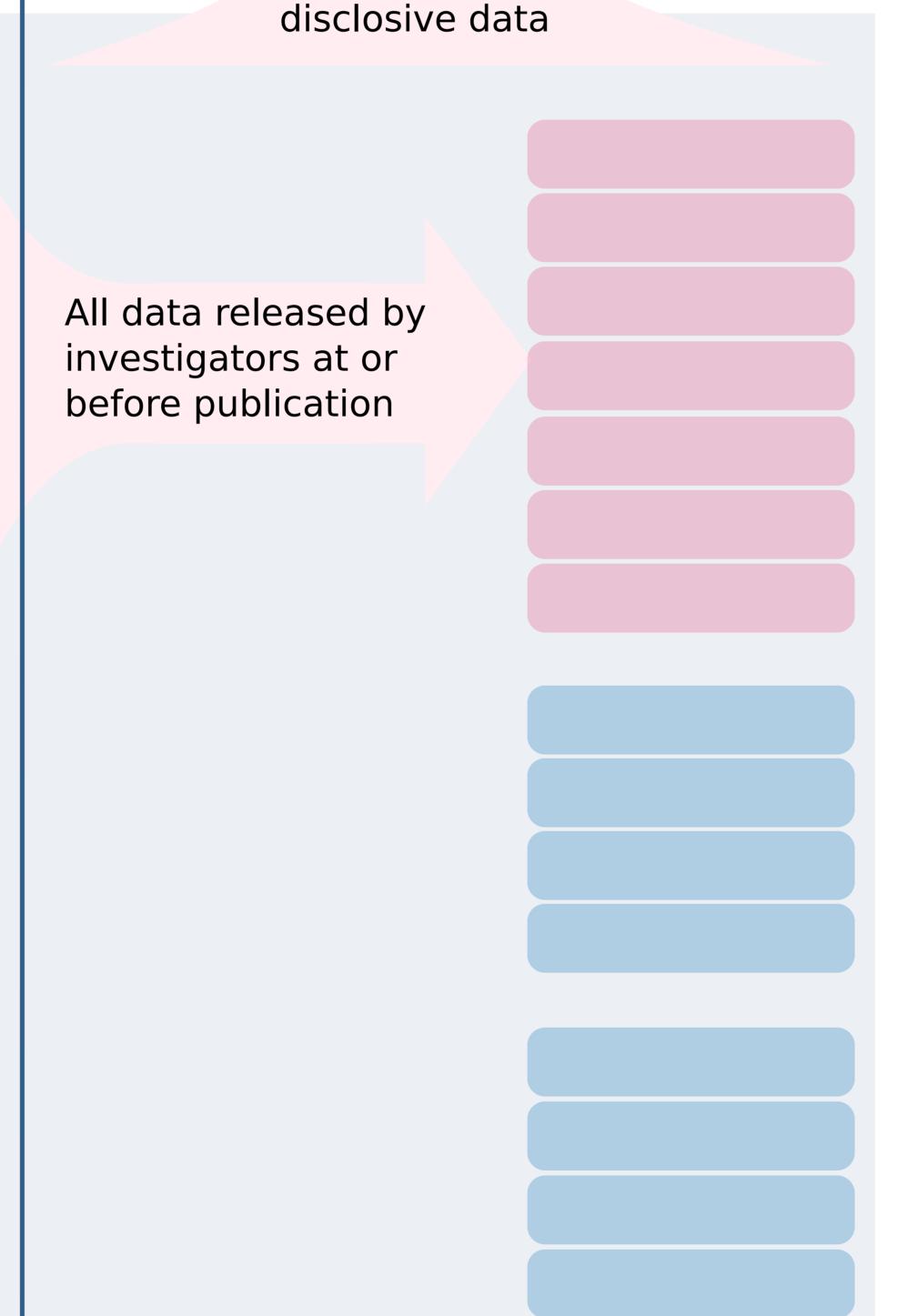
LINKED DATA (planned):

Critical care audit (ICNARC)

NHS England&Wales Inpatient/Outpatient

National immunisation database (NIMS)

Pillar 1/2 testing



Supervised

exports of non-

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)

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