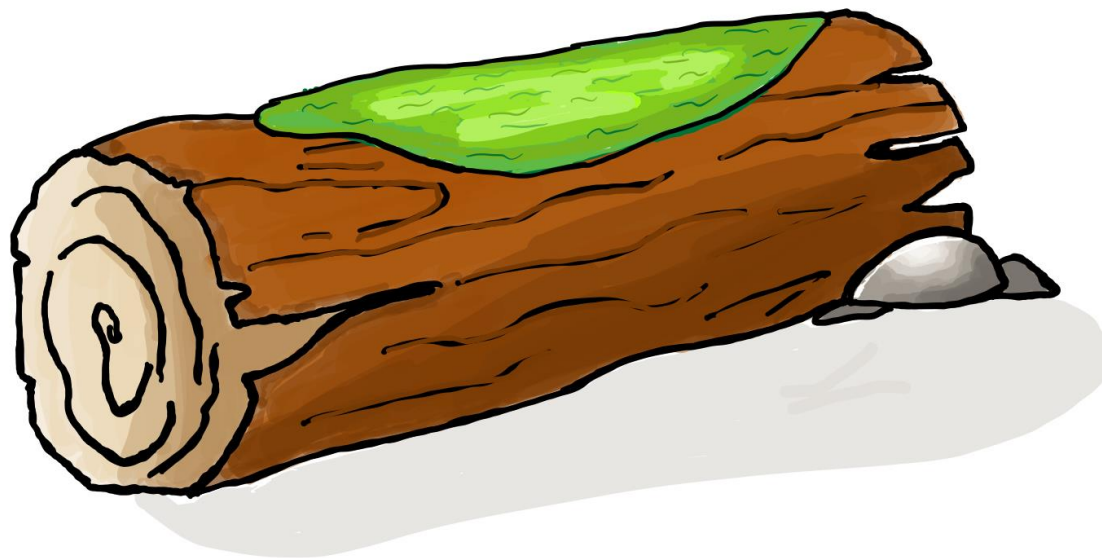


ONE HEALTH CITIZENS



THOMAS.NEYENS@KULEUVEN.BE
THOMAS.NEYENS@UHASSELT.BE

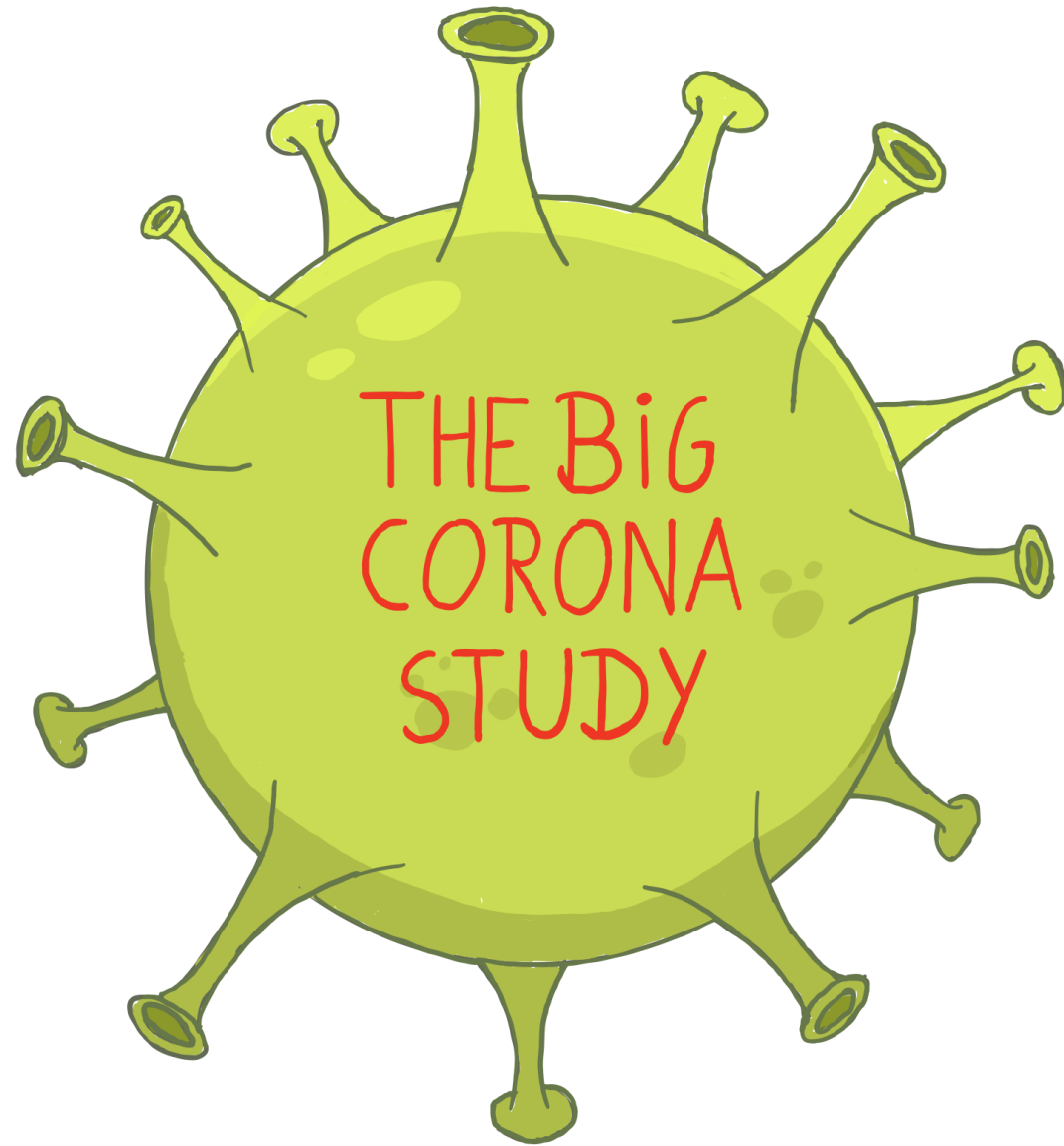
INTERDISCIPLINARY RESEARCH

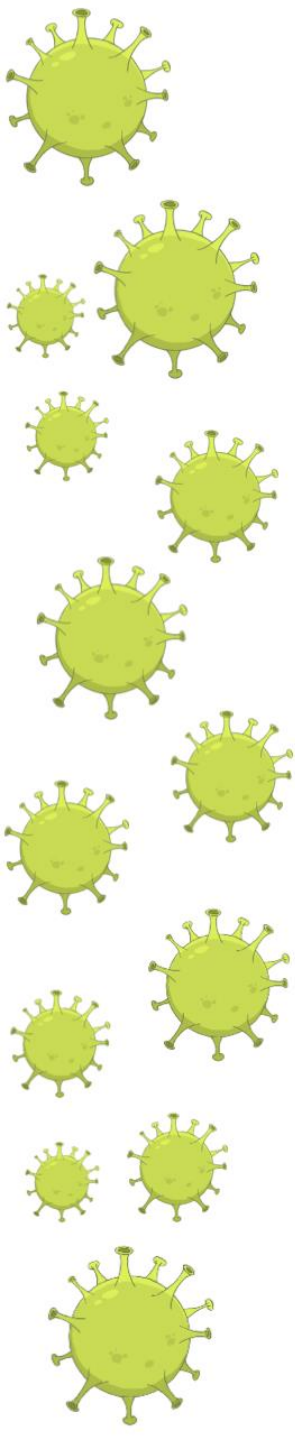
* BIOSTATISTICS

* EPIDEMIOLOGY

* ECOLOGY

* CITIZEN SCIENCE





JAN AERTS
MARC AERTS
PHILIPPE BEUTELS*
JONAS CREVECOEUR
NIEL HENS*
LISA HERMANS
ANNA IVANOVA
THOMAS NEYENS*
OLUWAFEMI OLUSOJI
KOEN PEPERMANS
PIERRE VAN DAMME*
MAREN VRANCKX

*P.I.

*C.I.



THE BIG CORONA STUDY

* UANTWERP - UHASSELT - KUL

* ONLINE SURVEY

→ OPEN TO EVERYONE

→ SELF-REPORTING



FWO



MARCH 17 - JUNE 2 : WEEKLY
JUNE 2 - ... : BI-WEEKLY



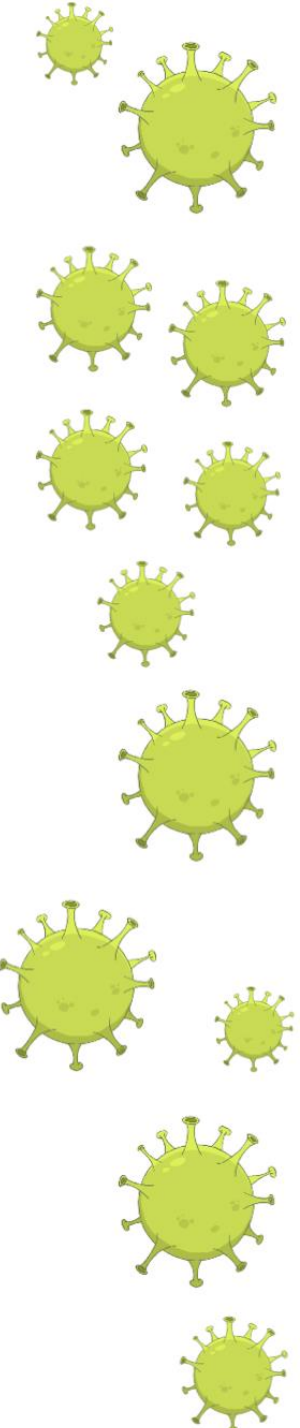
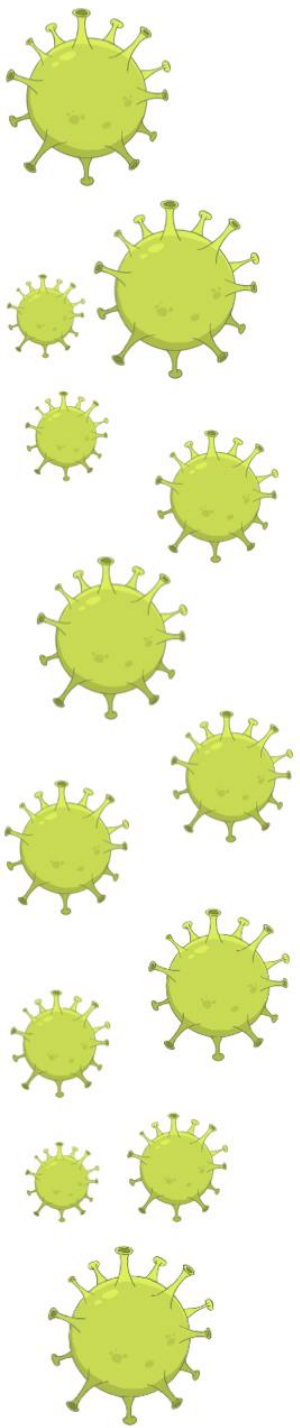
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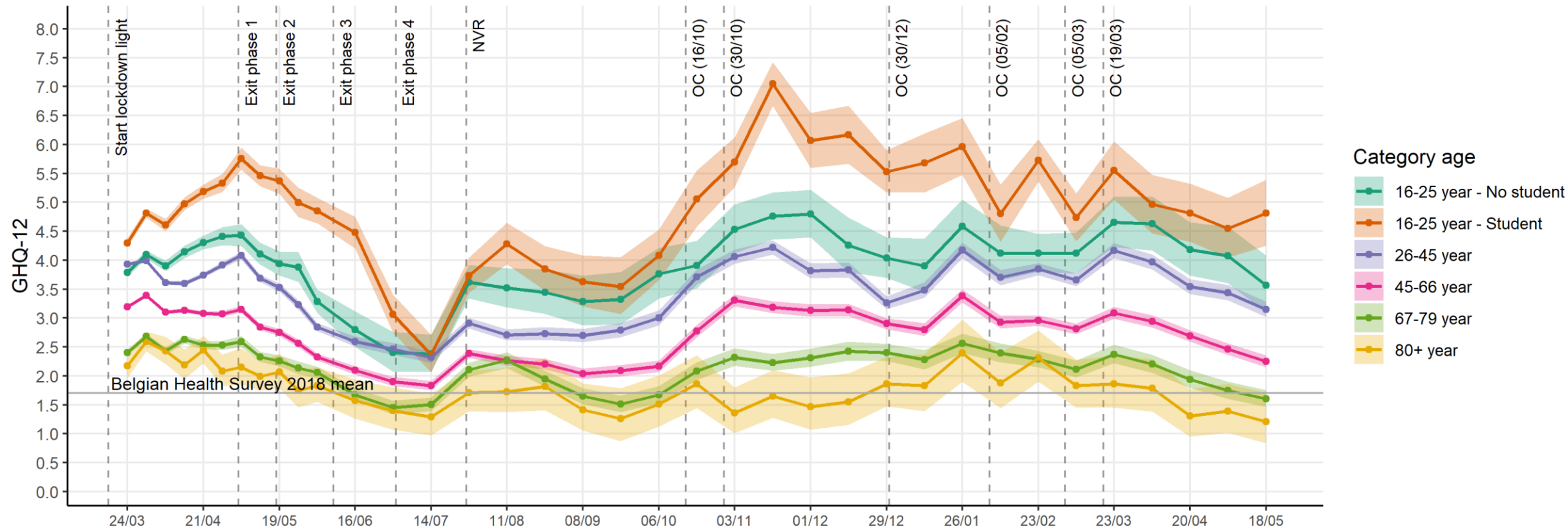
MULTIPLE TOPICS

- * SYMPTOMS
- * SOCIOECONOMICS
- * MENTAL HEALTH
- * ADHERENCE TO MEASURES
- * PUBLIC PERCEPTION
- * ...

MENTAL HEALTH



Evolution of mental well-being (weighted GHQ-12 score, Belgium)



NVR = National Security Council

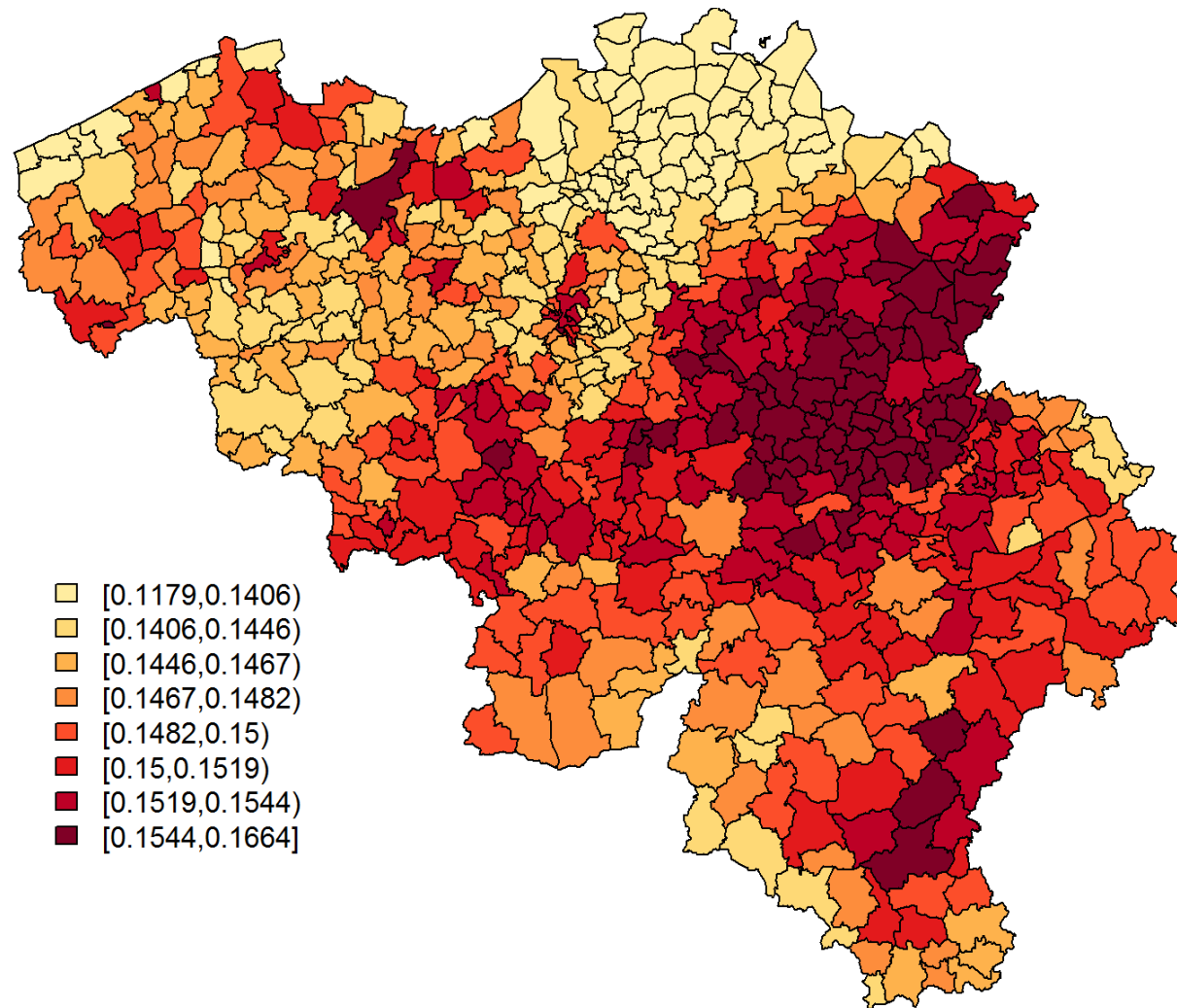
OC = Overleg-comité

Great Corona Study 2020-2021 (UAntwerpen, UHasselt, KU Leuven) - Waves 2-37 - www.corona-studie.be

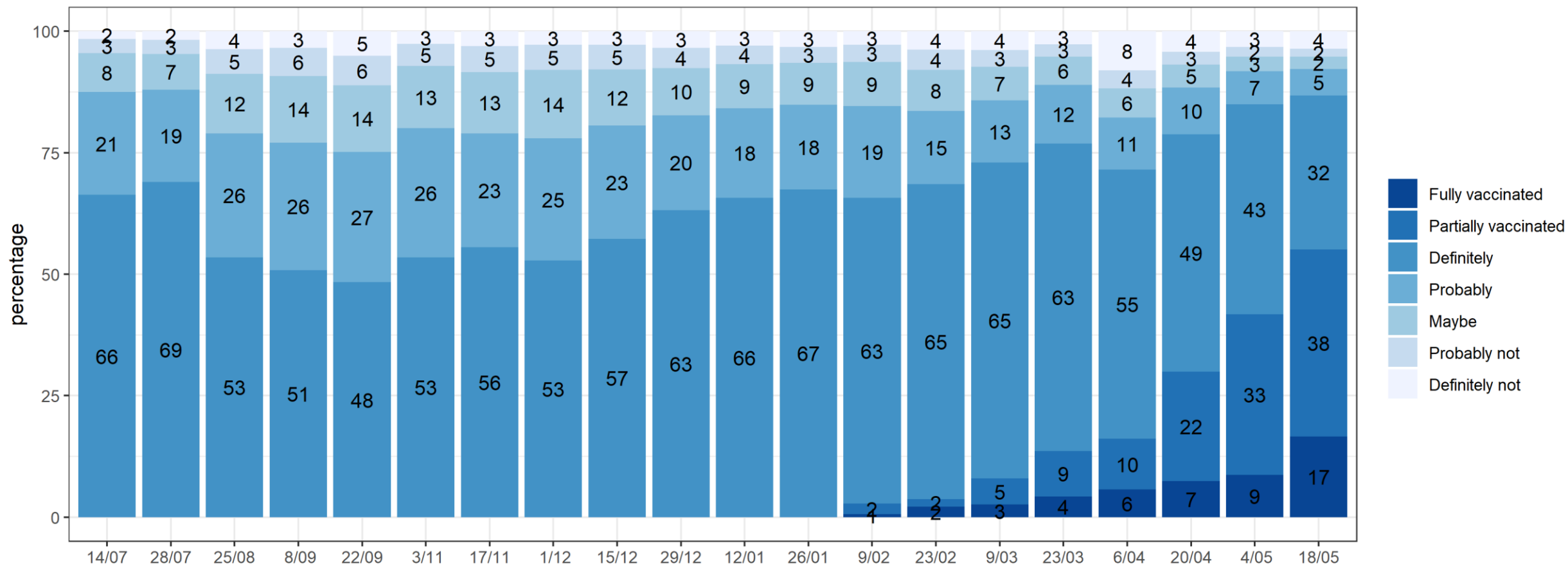
SYMPTOMS



 :MARCH 31



Would you be willing to receive a COVID-19 vaccine?



BIODIVERSITY IN LIMBURG

FOREST GROUND-FLOOR BRYOPHYTES



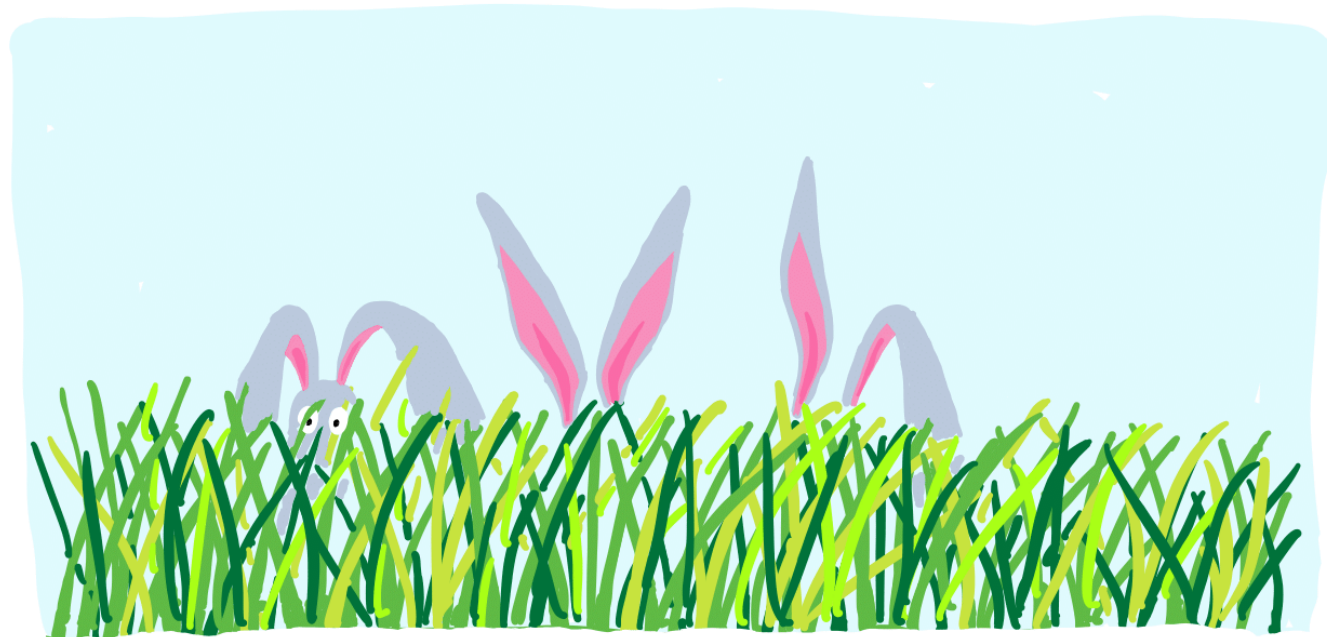
BIODIVERSITY IN LIMBURG

FOREST GROUND-FLOOR BRYOPHYTES





OBSERVER-SPECIFIC DETECTABILITY



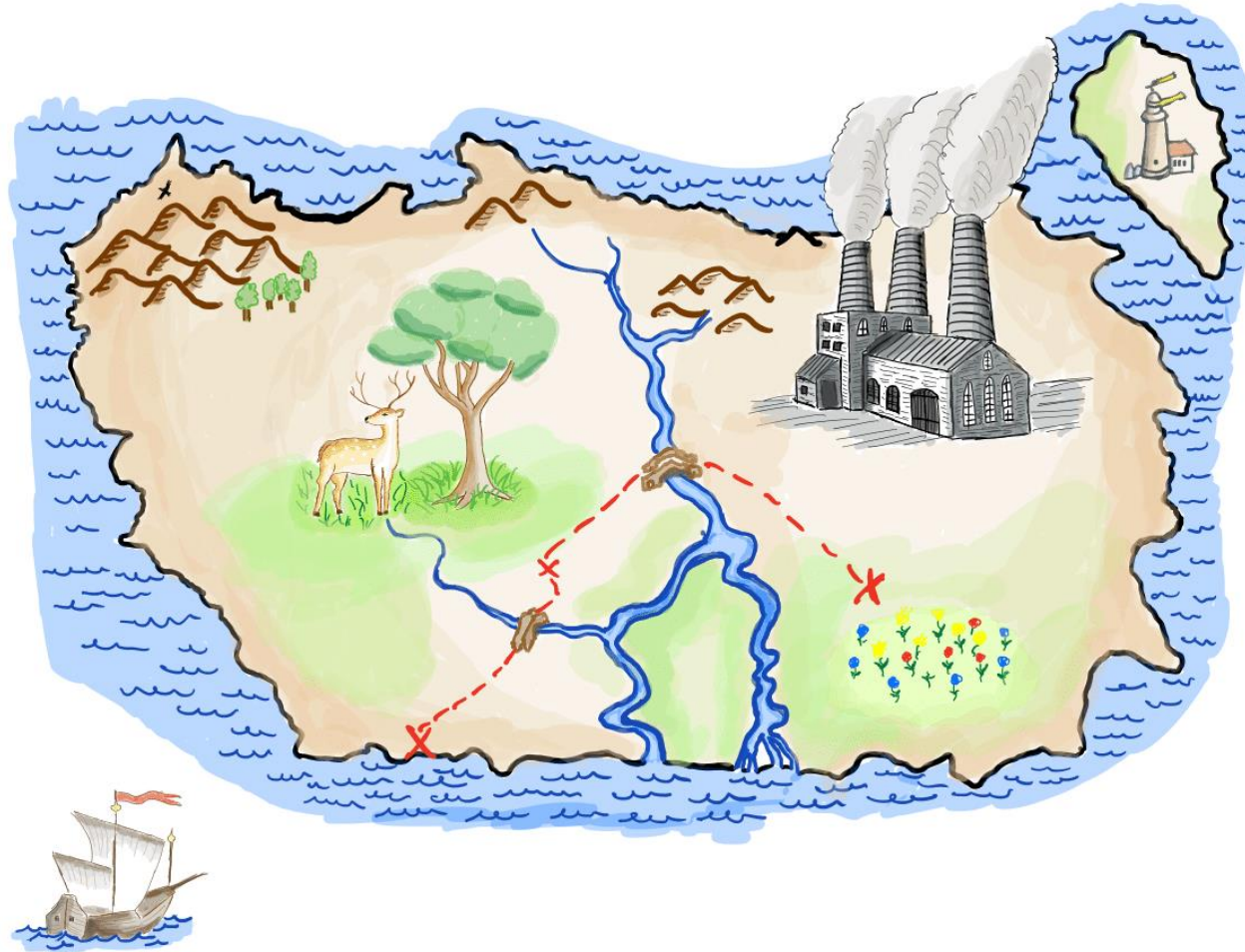
DATA TEMPORALLY UNBALANCED



DATA TEMPORALLY UNBALANCED



DATA SPATIALLY UNBALANCED



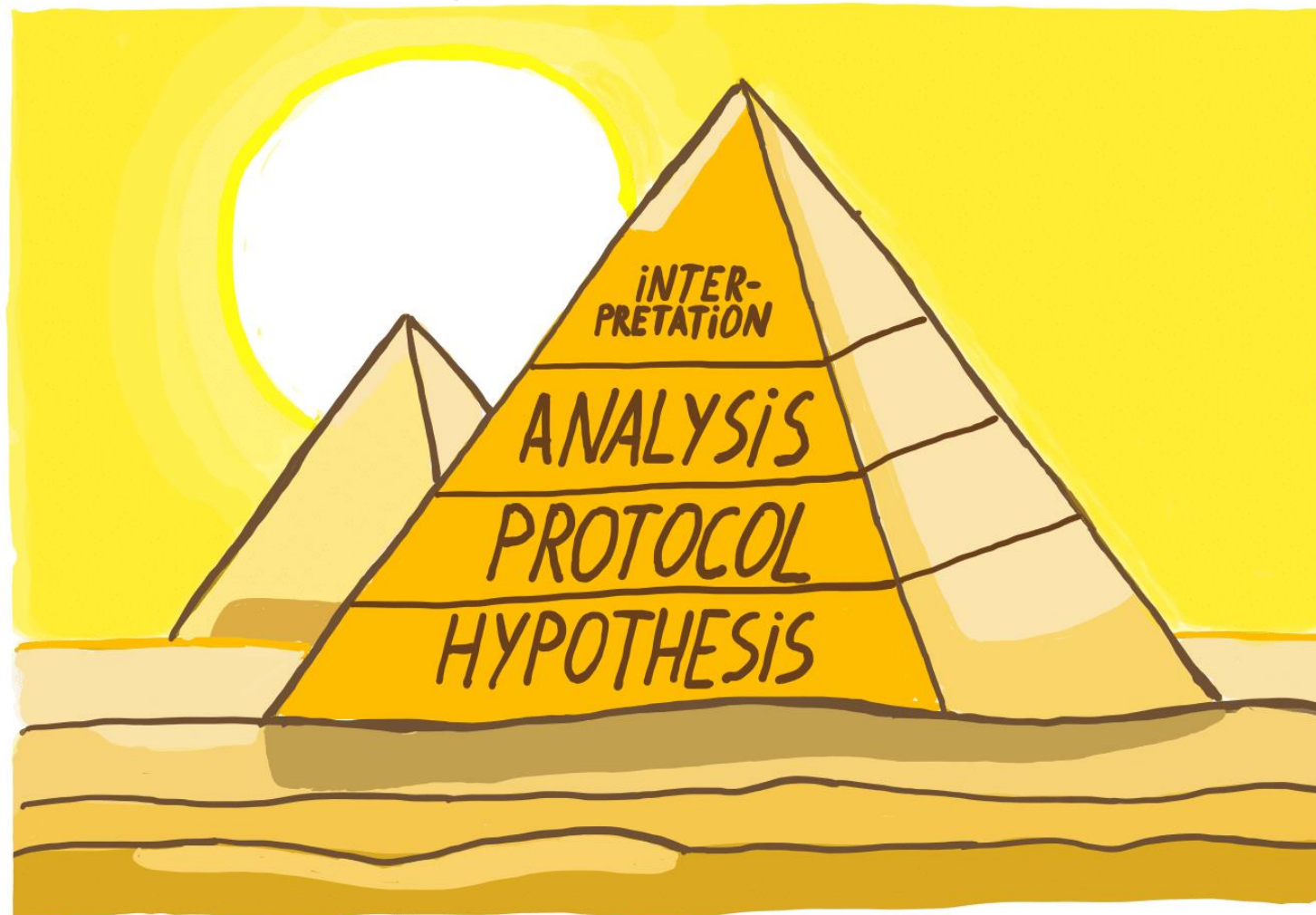
UNEQUAL SAMPLING EFFORTS



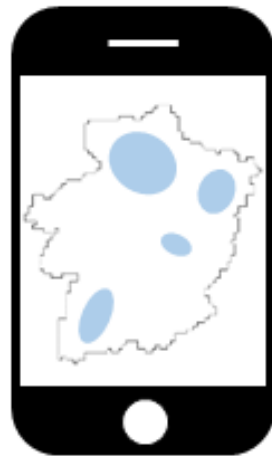
OPPORTUNISTIC SAMPLING

- * OBSERVER-SPECIFIC DETECTABILITY
- * DATA TEMPORALLY UNBALANCED
- * DATA SPATIALLY UNBALANCED
- * UNEQUAL SAMPLING EFFORTS
 - ↳ PREFERENTIAL SAMPLING

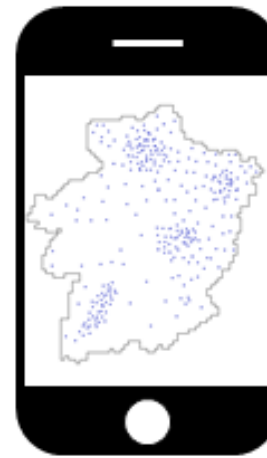
CONCLUSION



1. Indication locations with high priority

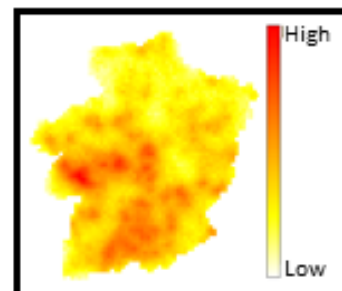


2. Data collection

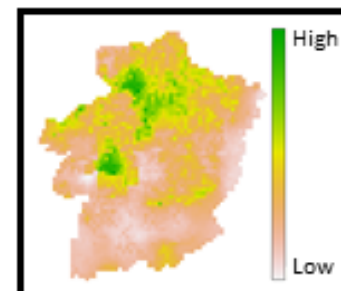


3. Statistical analysis

5. Prediction uncertainty



4. Model predictions



6. Identifying locations with high priority

