

Kolloquium „Statistische Methoden in der empirischen Forschung“

When: 19. Oktober 2020, 17:00 – 18:30 Uhr

Where: Online

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What have we learned from UK's COVID-19 Infection Survey, a longitudinal household survey among >400,000 participants?

UK's COVID-19 Infection Survey was set up end of April 2020 to track infection rates, antibody prevalence and behavioural changes over time across the UK. The study is designed as a dynamic household survey with longitudinal follow-up and, as of 28 June 2021, includes data on more than 4.5 million PCR test results and more than 500,000 antibody tests.

During this seminar I will discuss how the survey was designed as well as provide an overview of main analyses that were performed using the survey. I will focus on obtaining representative estimates of local PCR positivity in near real-time, protection against new (a)symptomatic infections by vaccination and natural infection, antibody trajectories following vaccination and natural infection, and behavioural changes over the course of the pandemic and in response to vaccination.