

Ministério da Saúde

**FIOCRUZ**

**Fundação Oswaldo Cruz**

# Public health data analytics

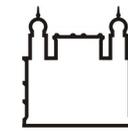
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Fiocruz, Programa de Computação Científica (PROCC)

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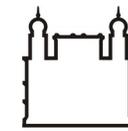
# Impact of case definition

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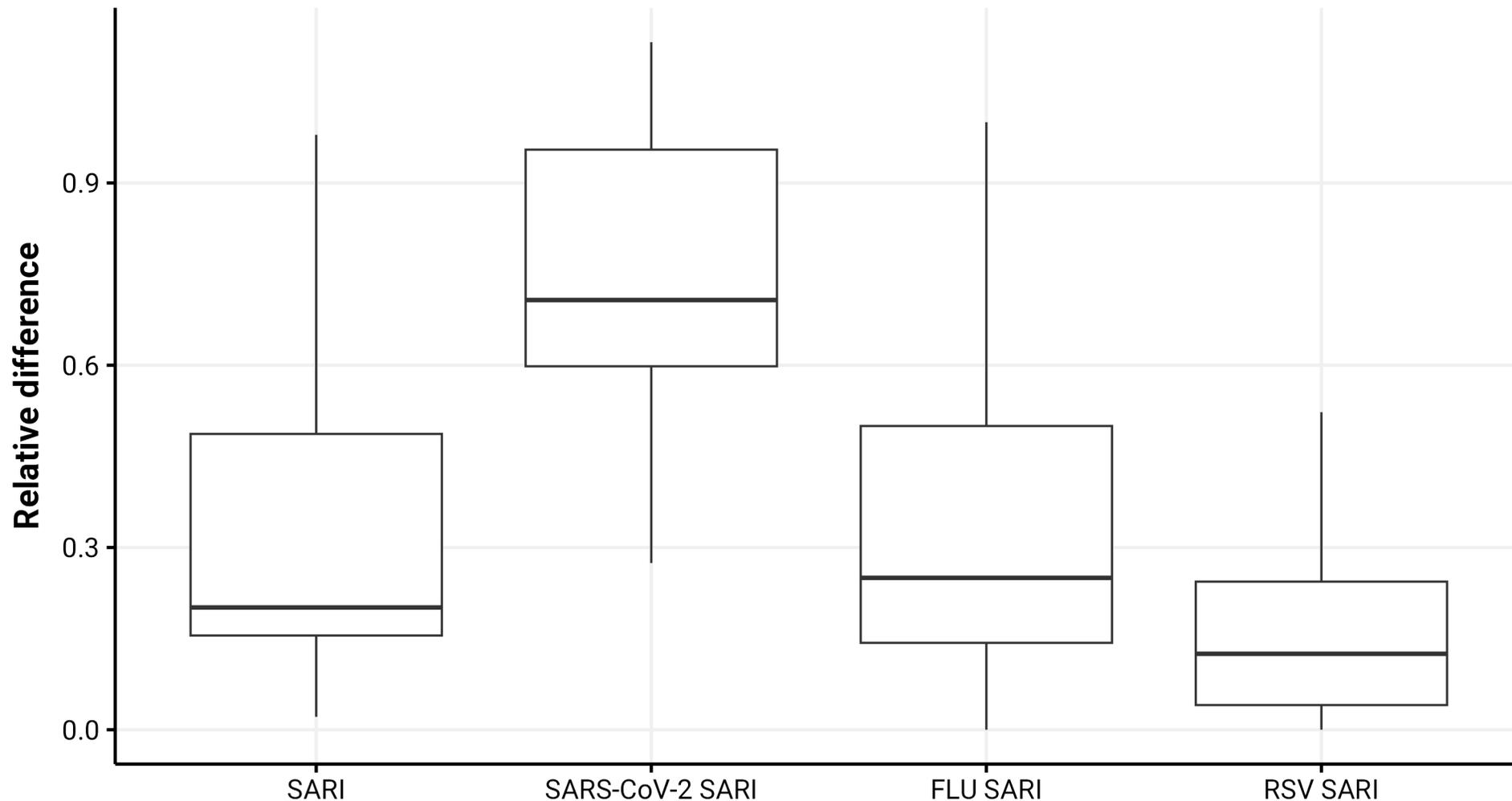
- **SARI notifications in Brazil:**
  - Approach 1: all cases with hospitalization or deceased
  - Approach 2: respecting case definition based on reported symptoms

# Impact of case definition

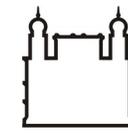


## SARI notifications in Brazil, 2014-2024

Relative difference of case counts based on case definition.



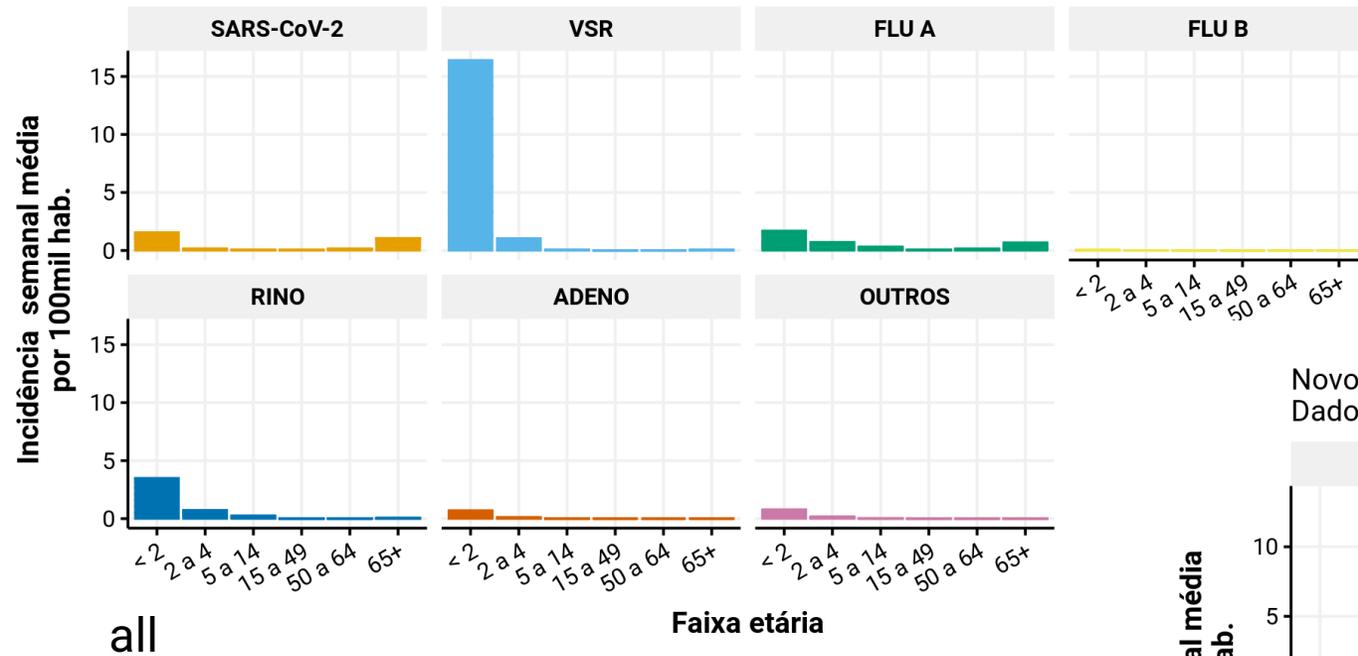
# Impact of case definition



## Brasil



Novos casos de SRAG nas últimas 8 semanas (SE 10 a 17), por vírus identificado. Dados inseridos no SIVEP-Gripe até a semana 17 2024, sujeito a alterações.

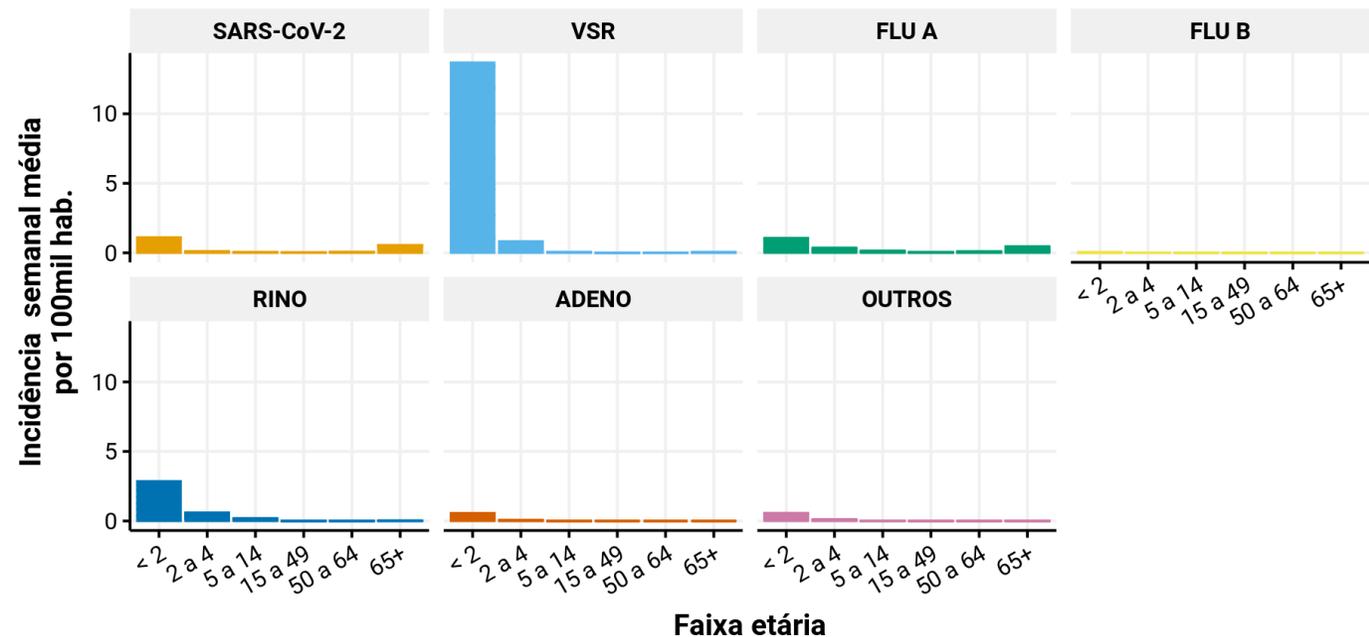


w/ symptoms filter

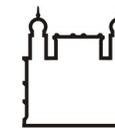
## Brasil



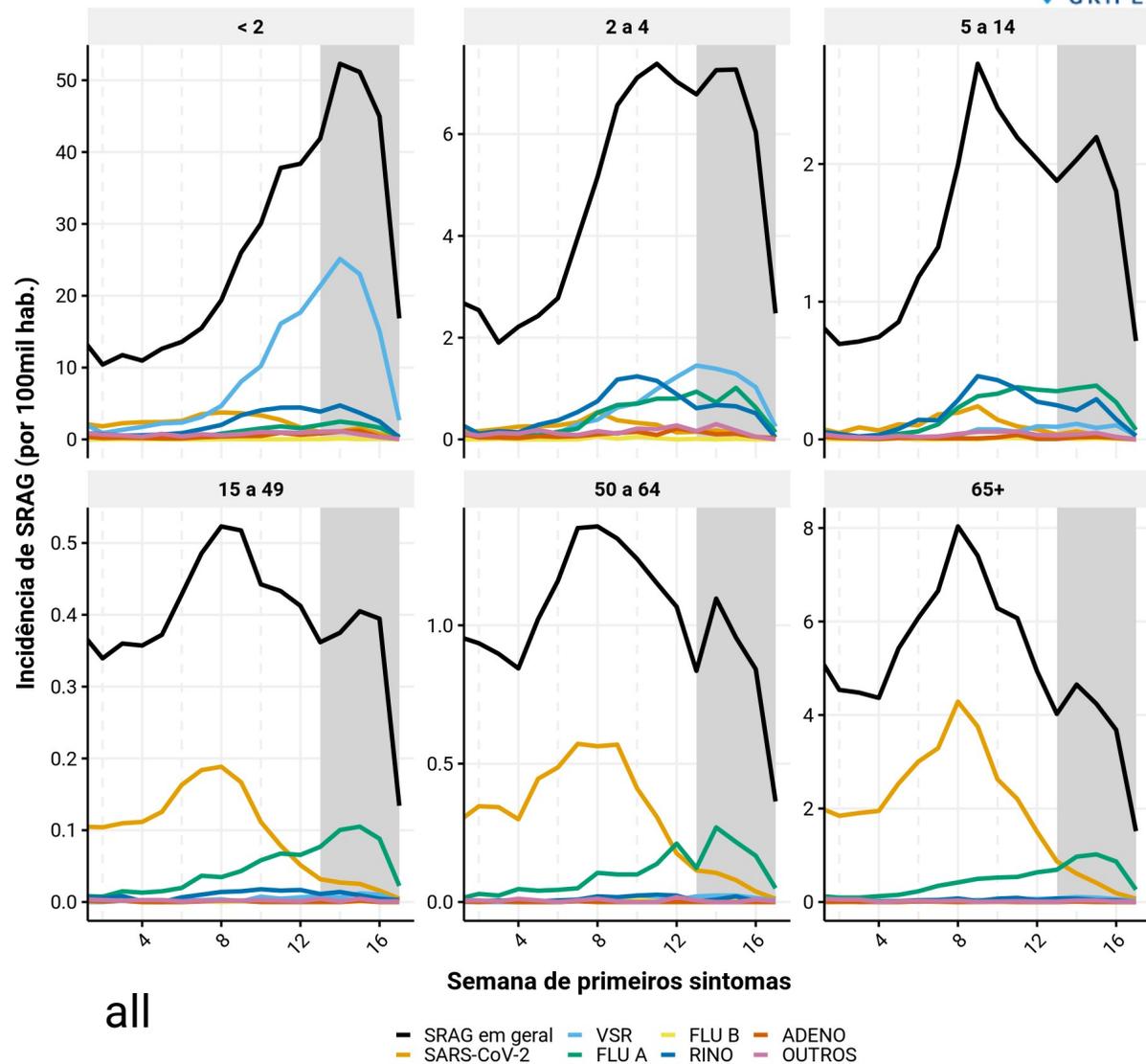
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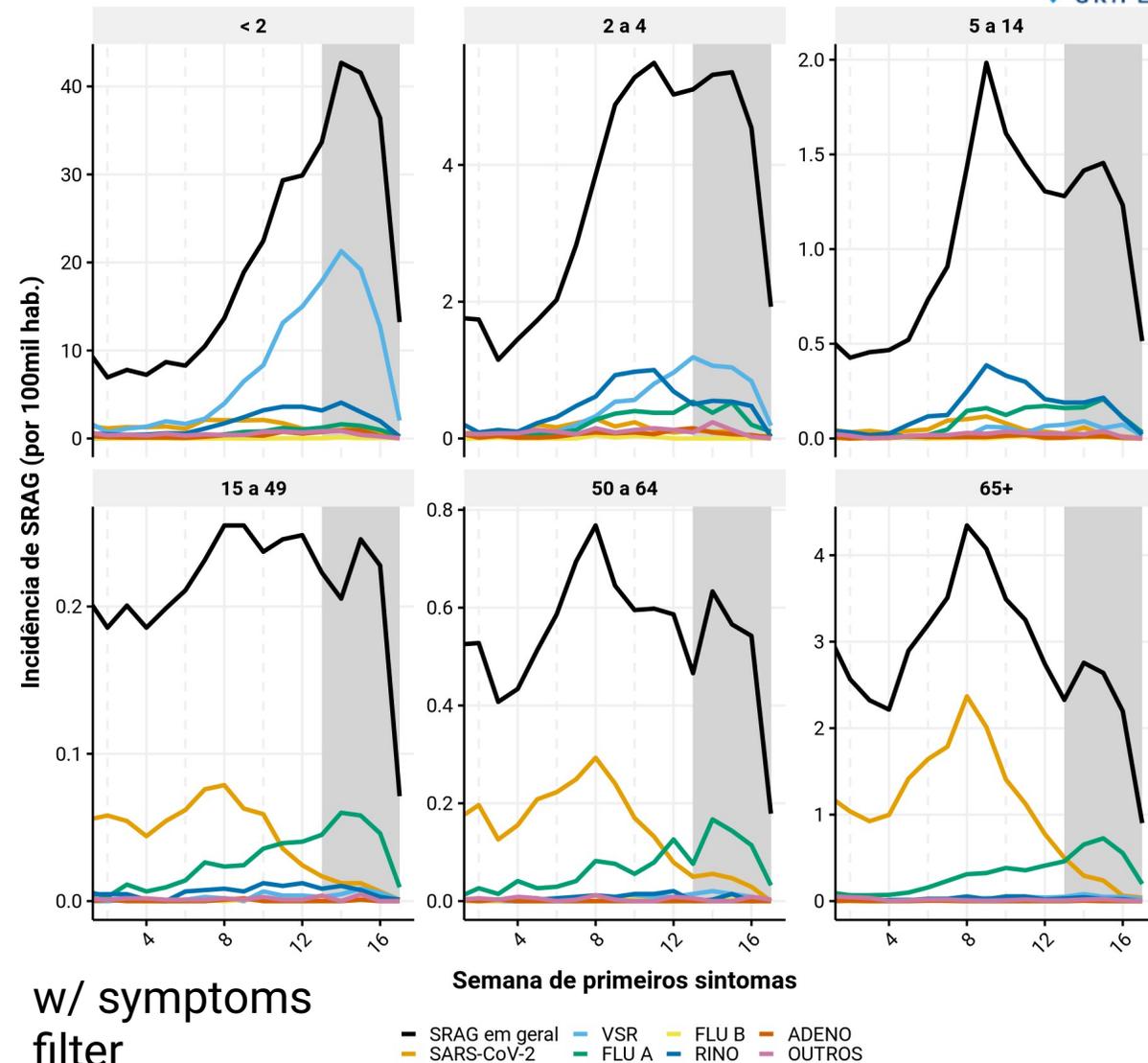
# Impact of case definition



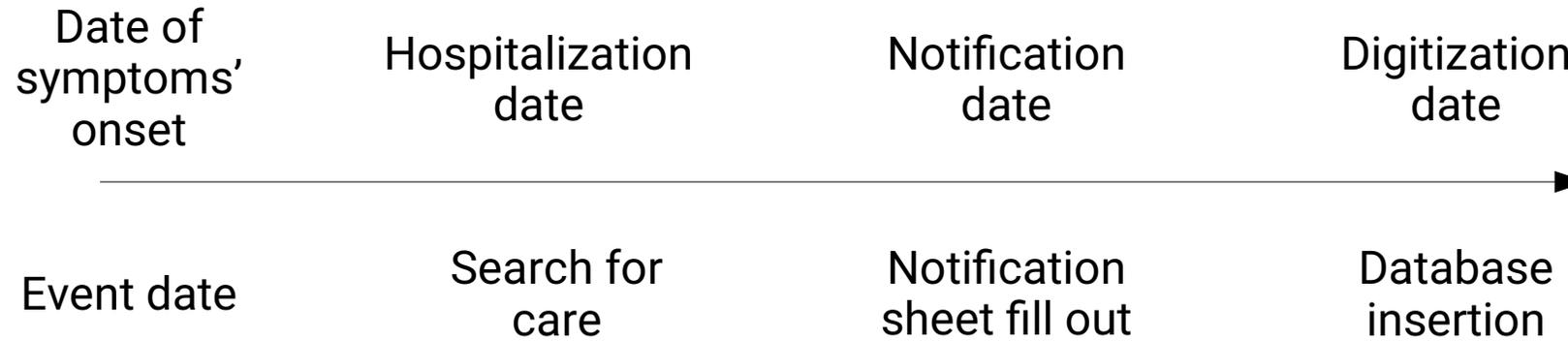
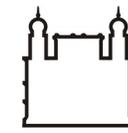
Novos casos de SRAG semanais por faixa etária. Dados até a semana 17 2024. Para semanas recentes os dados são parciais (área cinza).



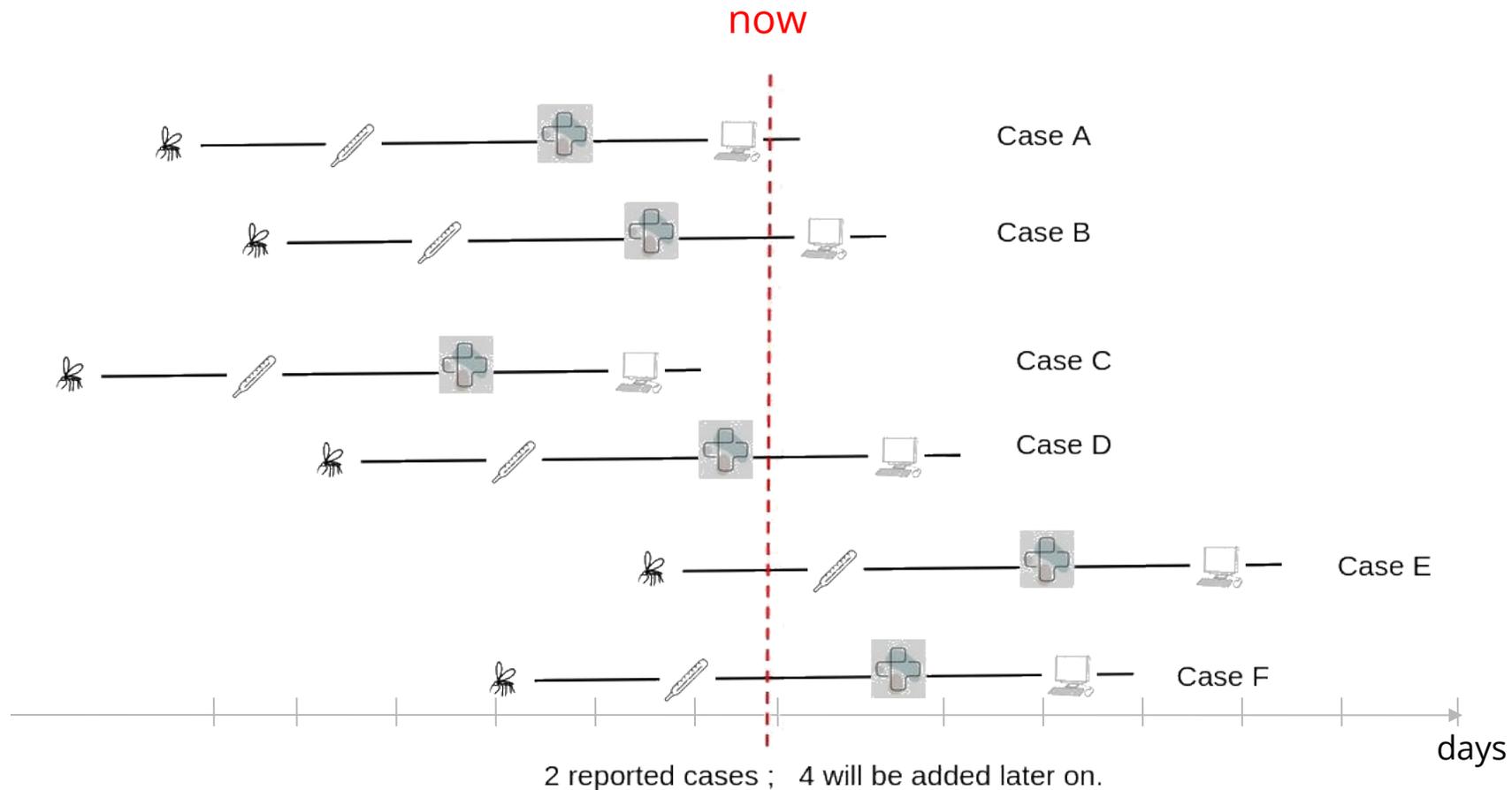
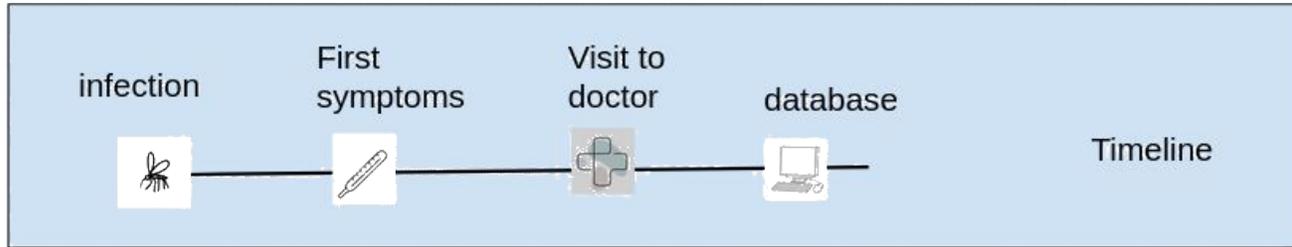
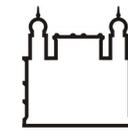
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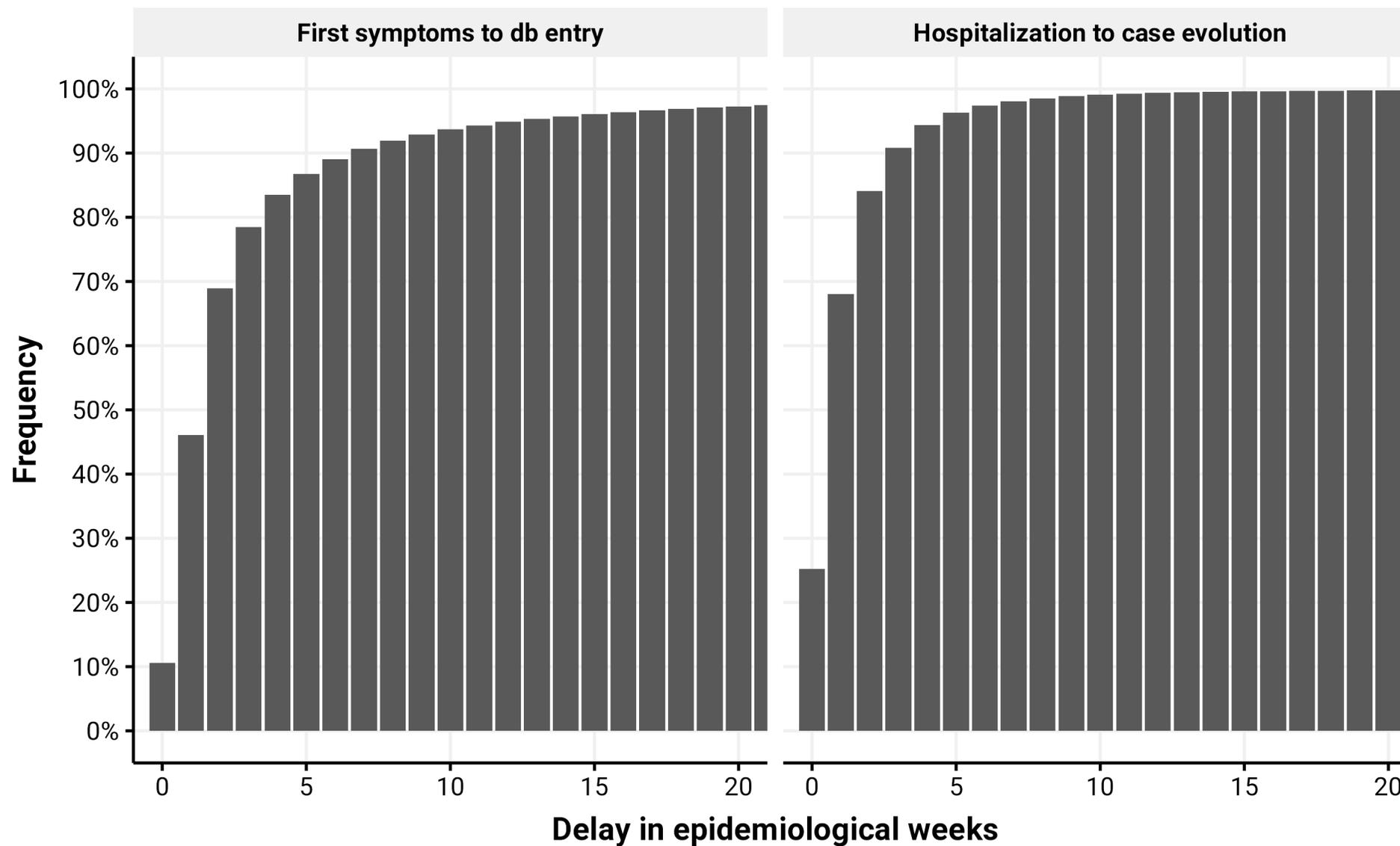
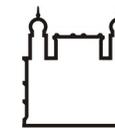
# Challenge: time to database insertion (backfill)



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# Time scales



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