Mohammad Nayeem Hasan

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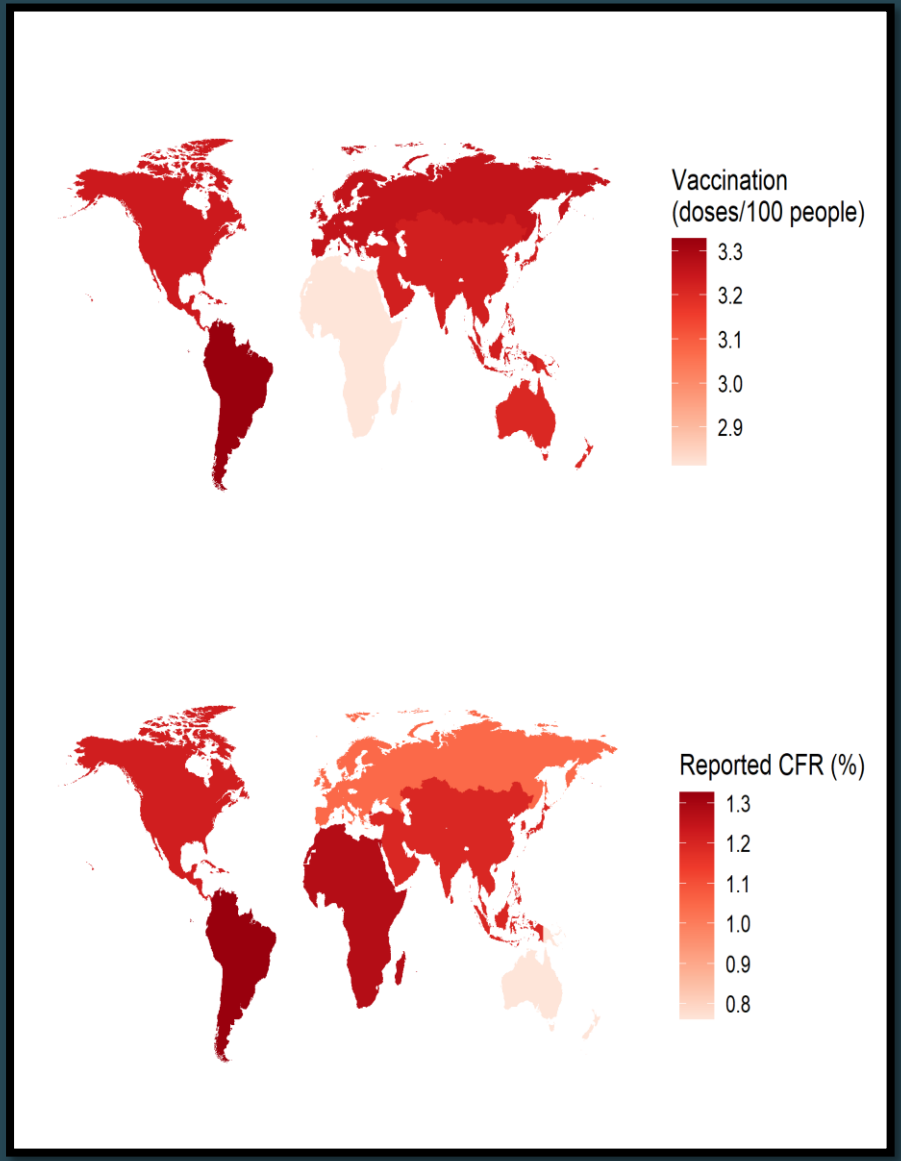
Cell: +8801671912637, +8801821713132
Present Address: Rahib Mansion, Uttar Dikkul,
Cox's Bazar Sadar, Cox's Bazar, Bangladesh

Agenda

1. Personal Details
2. Projects
3. Research Experience
4. Job Experience
5. Others

Personal Details

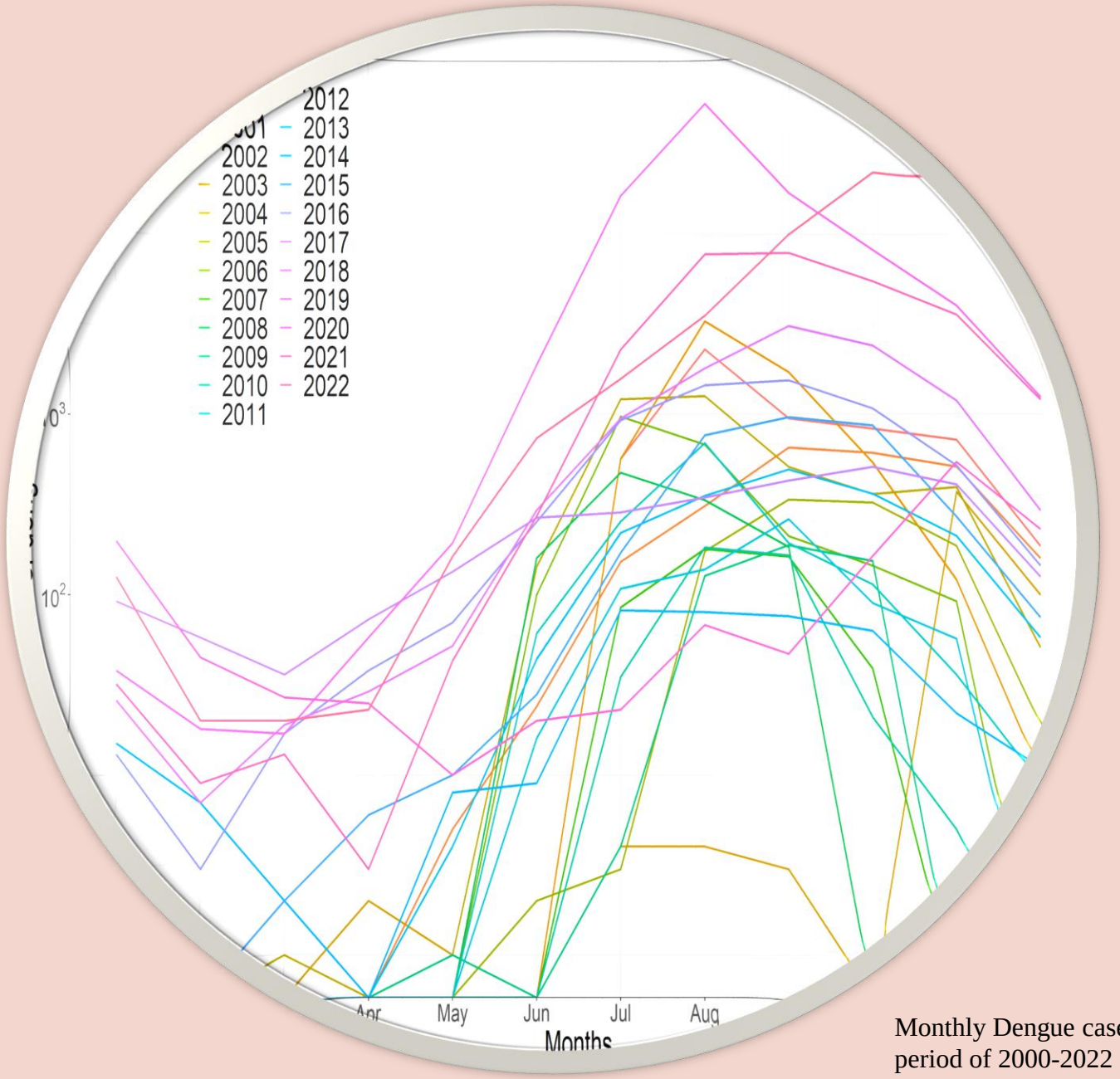
- Born in Comilla, raised in Chittagong
- Studied Statistics (Major) and CSE (2nd Major) at SUST
- Started as a research assistant at the SUST research center
- Currently working as M&E Officer in a research-based organization
- Published over 30 publications with nearly 300 citations
- Passionate about research, data analysis, and mentoring juniors



Map indicating country's vaccination rate and CFR in six continents

Goal

Unlock the secrets of the universe and shape the future as a dedicated scientist, driven by curiosity, exploration, and the pursuit of knowledge.



Monthly Dengue cases for the period of 2000-2022

Academic Qualifications

Degree	Subject/Group	Institution
MS (*with thesis*)	Statistics	SUST
BSc (1st Major)	**Statistics**	**SUST**
2nd Major in CSE	**CSE**	**SUST**

Projects

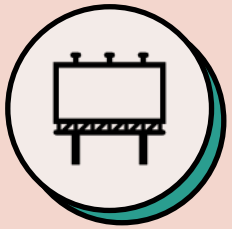
1. “Effectiveness of Some Selected Promotional Social Safety Nets Programs in Bangladesh: Formulation for Future Strategies”, Financed by The Social Science Research Council, Planning Division, Ministry of Planning, Government of Bangladesh.
2. “Reducing the Errors in the Measurement of Food Security in Bangladesh through Development and Implementation of an Innovative Method”, Sponsored by The Ministry of Education, Government of Bangladesh under Grant of Advanced Research in Education (GARE) Program.
3. “Ground Water in the Vicinity of Sylhet City, Bangladesh: Assessment of Quality and Association Based on Multivariate Statistical Techniques”, Sponsored by University Research Centre (URC), SUST, Sylhet, Bangladesh.
4. “Quantitative Measure of Healthy Aging in Sylhet City: A Frailty Index Approach”, Sponsored by University Research Centre (URC), SUST, Sylhet, Bangladesh.
5. “Extent of Lifestyle and Heritability Effects on Cancer: Bangladesh Perspective”, Sponsored by University Research Centre (URC), SUST, Sylhet, Bangladesh.
6. “Evaluating capacity for climate change adaptation in food productivity through local knowledge in the northeastern region of Bangladesh, Sponsored by University Research Centre (URC), SUST, Sylhet, Bangladesh.

Publications(2023)

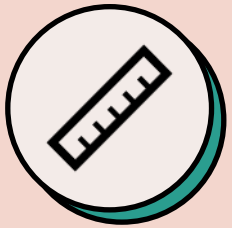
1. Early childhood developmental status and its associated factors in Bangladesh: a comparison of two consecutive nationally representative surveys
2. Insight into vaccination and meteorological factors on daily COVID-19 cases and mortality in Bangladesh
3. Correlation of Dengue and Meteorological Factors in Bangladesh: A Public Health Concern
4. The disproportionate case–fatality ratio of COVID-19 between countries with the highest vaccination rates and the rest of the world
5. A 30-day follow-up study on the prevalence of SARS-COV-2 genetic markers in wastewater from the residence of COVID-19 patient and comparison with clinical positivity
6. An opinion on Wastewater-Based Epidemiological Monitoring (WBEM) with Clinical Diagnostic Test (CDT) for detecting high-prevalence areas of community COVID-19 Infections
7. A short communication of 2022 dengue outbreak in Bangladesh: a continuous public health threat
8. Variant-specific deleterious mutations in the SARS-CoV-2 genome reveal immune responses and potentials for prophylactic vaccine development
9. Prevalence and Risk Factors Associated with Chronic Diseases Among Young Adult in Bangladesh

Research Profile

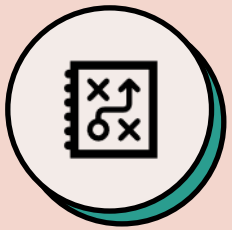
Google Scholar
https://scholar.google.com/citations?user=uL4sMPIAAAAJ&hl=en



ORCiD
https://orcid.org/0000-0002-2383-0459



ResearchGate
https://www.researchgate.net/profile/Mohammad-Hasan-79



Scopus
https://www.scopus.com/authid/detail.uri?authorId=57216695961

Web of Science
https://www.webofscience.com/wos/author/record/G-9469-2019

Google Scholar

Mohammad Nayeem Hasan

Monitoring & Evaluation Officer (Health), Joint Rohingya Response, Community Partners International

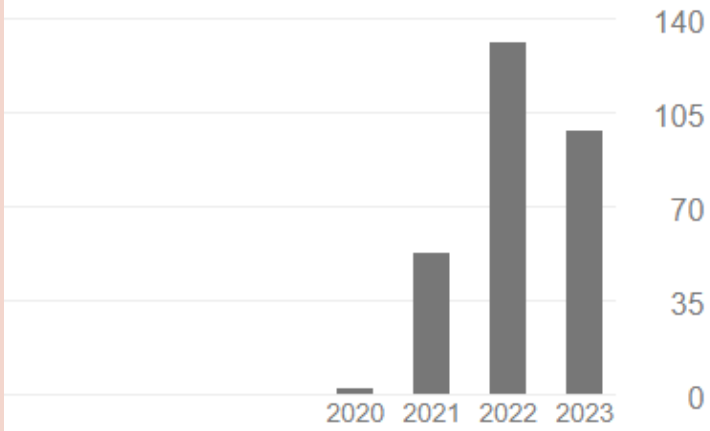
Verified email at ghcxb.org - Homepage

Biostatistics Epidemiology Medical Statistics Infectious disease

Public Health

Cited by

	All	Since 2018
Citations	289	288
h-index	9	9
i10-index	8	8



Co-authors

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Firoz Ahmed
Professor of Microbiology, Noakh...

Professor Sir Alimuddin Zumla
University College London

Richard Kock
Professor Wildlife Health and Em...

Najmul Haider
Lecturer, Keele University, the U...

Web of Science

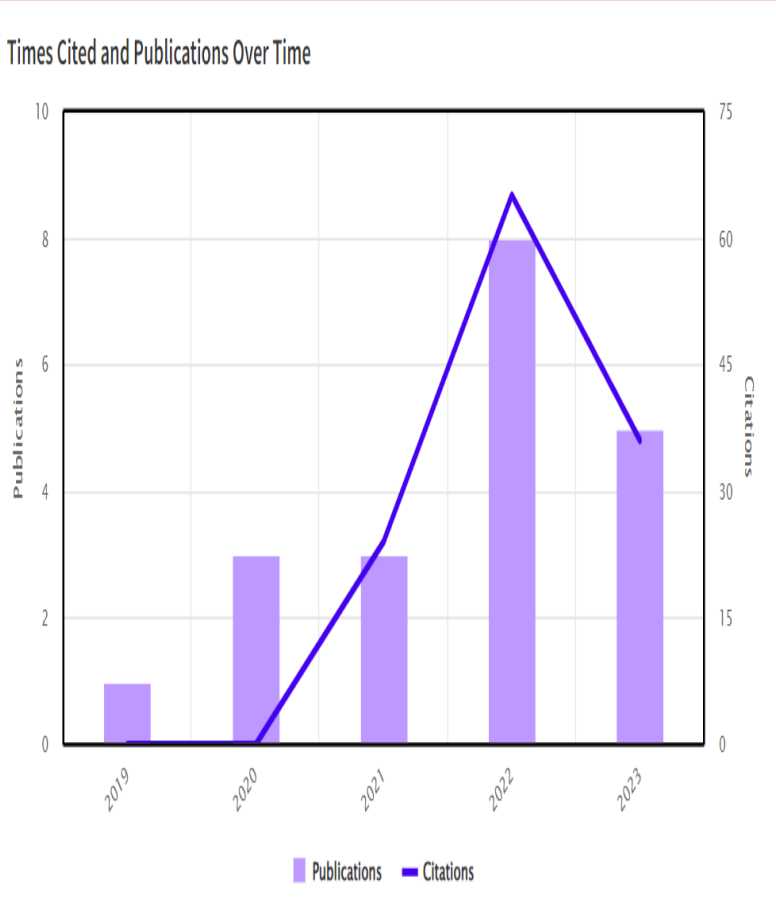
Published name ⓘ	Hasan, Mohammad Nayeem
Published Organizations ⓘ	Food Hungry, Joint Rohingya Response Program, Shahjalal University of Science & Technology (SUST) Show more
Subject Categories BETA	Environmental Sciences & Ecology; Public, Environmental & Occupational Health; Science & Technology - Other Topics; Engineering; Infectious Diseases
Other Identifiers ⓘ	https://orcid.org/0000-0002-2383-0459

Profile summary

22	Total documents
20	Web of Science Core Collection publications
2	Preprints
3	Verified peer reviews
0	Verified editor records

Web of Science Core Collection metrics ⓘ

6 H-Index	**20** Publications in Web of Science
125 Sum of Times Cited	**91** Citing Articles



Reports on Published paper

This Week in Virology [TWiV] 749: COID-19 clinical update #60 with Dr. Daniel Griffin. He discussed the findings of the paper (The global case-fatality rate (CFR) of COVID-19 has been declining since May 2020) and term (reported CFR).
Link: https://youtu.be/msFvK_b4dcE?t=1437 (23:57 – 26:10)
Click here

Technical Skills

- Analyzing research data
- Statistical Programming language and analytical skills **(R, SPSS, SAS, and STATA)**
- Developing methodology & sample size estimation **Statistics, Biostatistics, forecasting & modeling**
- Skilled in **MS Office, Pivot Table, Google Sheets, Kobo Toolbox & Power BI**
- **Data Mining** and **Predictive Modeling**, **Analysis of variance, Regression Analysis, Generalized Linear Models**
- Multivariate techniques: **Principal Component Analysis, Cluster analysis**
- Sampling Theory & General Categorical Data Analysis
- Survival Analysis parametric and Nonparametric Analysis
- Robust modeling and missing data imputation

Mentor & Trainer

- Successfully trained participants in a two-days long workshop on "Workshop on Data Analysis Using SPSS" organized by OGIVE Analytics dated on 2nd & 7th NOV’ 2021 2020
- Successfully trained intern in a two-days long workshop on "Statistics and Data Analysis for Research" which is under the "Autumn 2020 Research Internship Program" organized by Chittagong University Research and Higher Study Society (CURHS) dated on 30-31 OCT’ 2020 2019
- Successfully trained participants in a two-days long Workshop on “Workshop on Data Analysis Using SPSS” organized by Shahjalal University of Science & Technology Science Arena (SSA) dated on 18-19 OCT’ 2019

Social Networking Profile

https://www.facebook.com/nayeem5847

https://www.linkedin.com/in/nayeem5847/

Job Experience

2023

M&E Officer at
Greenhill-CPI

2022

HIS Officer at
Food for the Hungry

2021

MIS Officer at
Partners in Health
and Development

2018

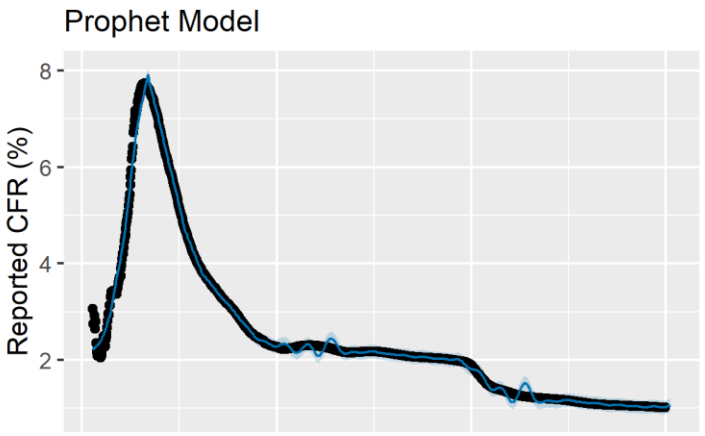
Research Assistant at
SUST

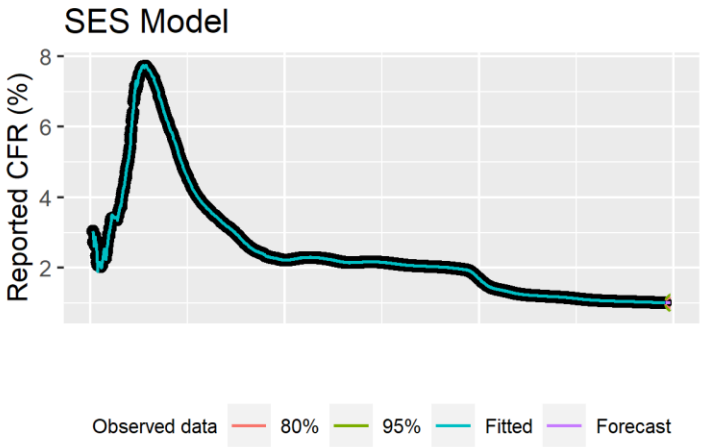
2019-2020

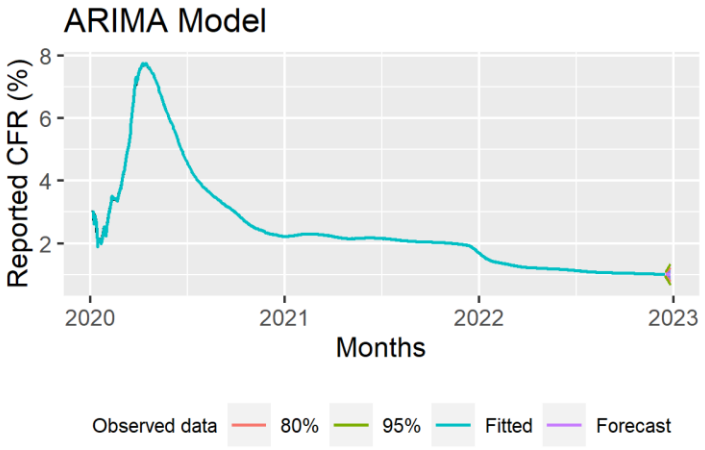
SCI, FIVDB, and
INMAS as **Research Assistant, Project Supervisor, and Data Analyst**

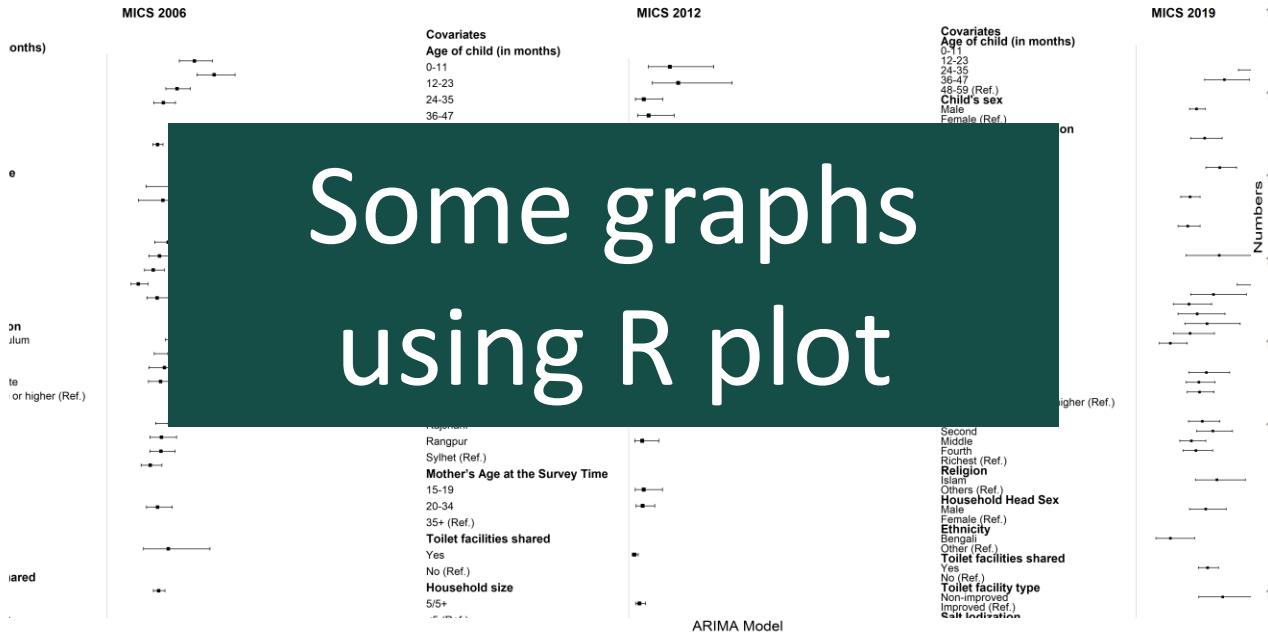
“You can have data without information, but you cannot have information without data.”
— Daniel Keys Moran

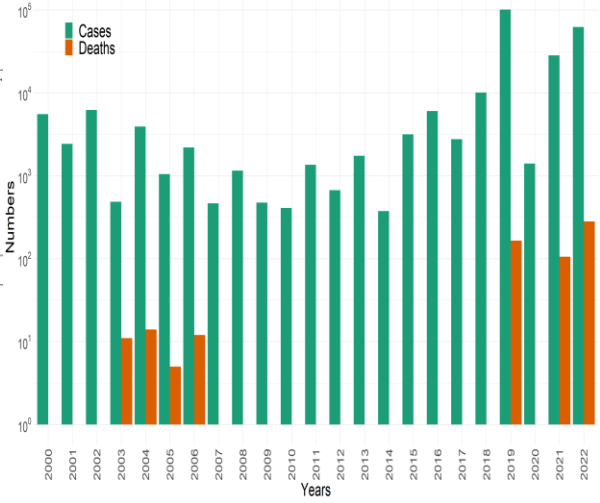
Some graphs using R plot

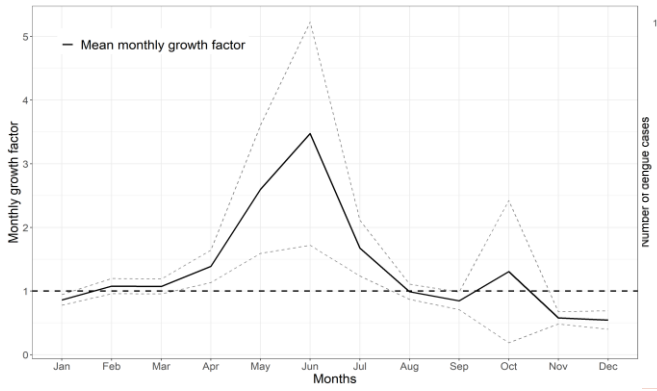


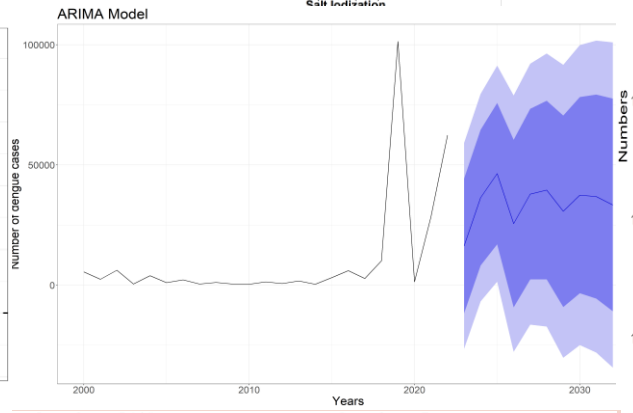


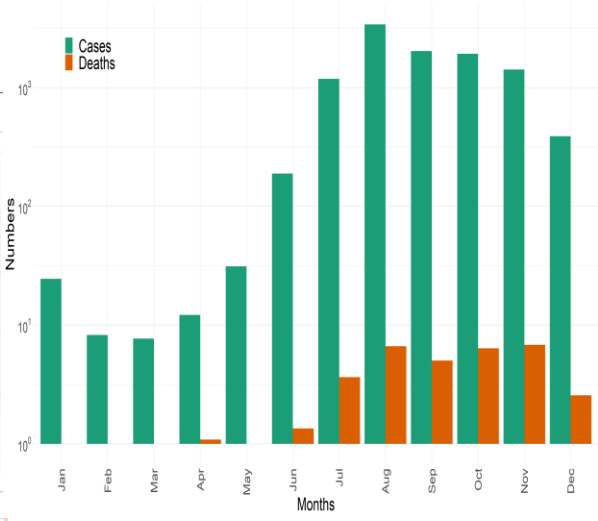


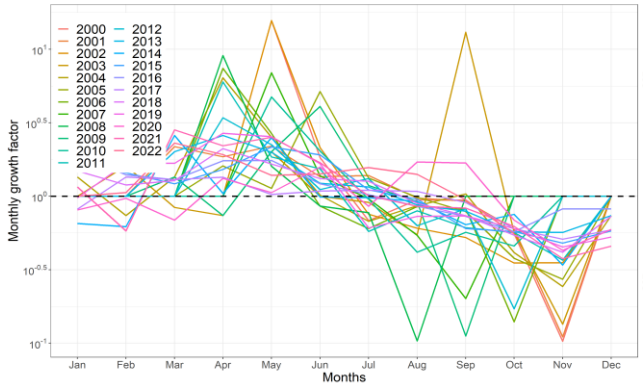


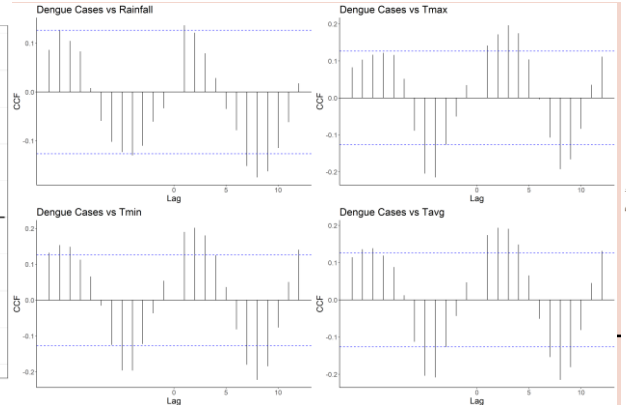


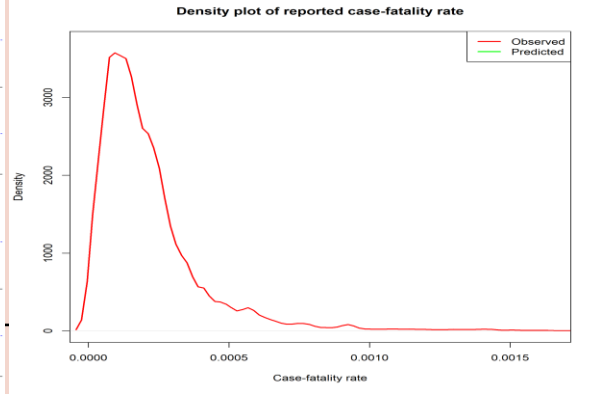












Thank you