



## SAGIRU MATI

Operational Research Center in Healthcare,  
Near East University,  
Northern Cyprus.

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### **Biography:**

Sagiru Mati obtained his Bachelor's Degree from Bayero University, Kano, Nigeria, and his M.Sc and Ph.D. from Near East University, Northern Cyprus. His areas of expertise include time series analysis, artificial intelligence, statistical software development, and reproducible research. He has published articles in Web of Science (SSCI), Scopus, and other international journals.

He has authored three R packages: DynareR, flawlessly integrating Dynare and R; EviewsR, enabling the embedding and running of EViews codes from R; and gretlR, facilitating communication from R to Gretl.

Sagiru is the founder of SMATI ACADEMY, designed for those interested in learning dynamic and reproducible reports using Eviews programming, R, R Markdown, and Quarto.

### **EMPLOYMENT HISTORY**

**Post-doctoral researcher:** Operational Research Center in Healthcare, Near East University, North Cyprus  
(3<sup>rd</sup> February, 2024 - till date)

**Lecturer 1,** Yusuf Maitama Sule University, Kano, Nigeria  
(January, 2021 – till date)

**Lecturer 2,** Yusuf Maitama Sule University, Kano, Nigeria  
(January, 2018 – December, 2020)

**Assistant Lecturer,** Yusuf Maitama Sule University, Kano, Nigeria  
(March, 2015 – December, 2017)

## EDUCATION

- **Ph.D, Economics** (September, 2016 to January, 2020)

Near East University, North Cyprus

- **M.Sc, Economics**, High Honour (CGPA: 4.00/4.00, September 2012 to July 2014)

Near East University, North Cyprus

- **B.Sc, Economics**, Upper Second Class Honours (November, 2004 to January, 2009)

Bayero University Kano, Nigeria.

## Master Thesis Topic

- Exchange Rate Volatility and the Nigerian Oil and Non-Oil Trade: an ARDL Approach. (supervised by Prof Irfan Civcir)

## Ph.D Thesis Topic

- Macroeconometric Modelling of Optimum Currency Areas, Political Business Cycles and Trade for the Assessment of the ECOWAS Monetary Unification (supervised by Prof Irfan Civcir and Huseyin Ozdeser)

## PUBLICATIONS

### Journal articles:

1. **Mati, S.**, Civcir I., S.I Abba (2023) EviewsR: An R package for dynamic and reproducible research using Eviews, R and R Markdown
2. **Mati S**, Radulescu M, Saqib N, Samour A, Ismael GY, Aliyu N (2023). Incorporating Russo-Ukrainian War in Brent Crude Oil Price Forecasting: A Comparative Analysis of ARIMA, TARMA and ENNReg Models. Heliyon
3. **Mati S**, Ibrahim Z, Usman AG, Jibril MM, Ozsahin DU, Gezawa FG, S. I. Abba (Accepted). Hybrid Turning ARIMA with Generalised Least Squares for Modelling Cumulative COVID-19 Cases in ECOWAS Countries. Scientific Reports
4. **Mati, S.**, Civcir I., and Ozdeser H., (2023). ECOWAS Vision 2020, a Mirage or Possibility? Panoeconomicus  
<http://panoeconomicus.org/index.php/jorunal/article/view/959>
5. Alamrouni A, Aslanova F, **Mati S**, Maccido HS, Jibril AA, Usman AG, Abba SI (2022). Multi-regional modeling of cumulative COVID-19 cases integrated with environmental forest knowledge estimation: A deep learning ensemble approach  
<https://www.mdpi.com/1660-4601/19/2/738>
6. **Mati S.** (2021) Do as your neighbours do? assessing the impact of lockdown and reopening on the active COVID-19 cases. Social Science and Medicine  
<https://www.sciencedirect.com/science/article/pii/S0277953620308649>
7. **Mati, S.**, Civcir I., and Ozdeser H., (2019). ECOWAS Common Currency: How Prepared are its members?. Investigacion Economica  
<https://doi.org/10.22201/fe.01851667p.2019.308.69625>

8. **Mati, S.** (2018) Modeling the Impact of Exchange Rate Volatility on International Trade: The Case for Nigeria-Euro Export. Northwest Journal of Social and Management Sciences
9. **Mati, S.,** Akalpler E., and Ozdeser H., (2017). Trade-Volatility Relationship in the light of Nigeria and the Euro Area. Journal of Applied Economic Science. <https://eds.p.ebscohost.com/eds/pdfviewer/pdfviewer?vid=0&sid=fc338316-648b-4a03-a499-25a05e9174e3%40redis>
10. **Mati, S.,** Mohammed A.A, and Hussaini, M. (2017). Exchange Rate Pass-Through Elasticity to Domestic Consumer Prices in Nigeria and Taylor's Hypothesis: a Structural Vector Autoregression Analysis. American Journal of Economics, 7(5), 201-210. <http://article.sapub.org/10.5923.j.economics.20170705.01.html>
11. **Mati, S.,** Hussaini, M., and Mohammed A.A (2017). Oil and Non-Oil Foreign Direct Investment and Economic Growth in Nigeria: An Empirical Evidence from Autoregressive Distributed Lag Model. American Journal of Economics, 7(4), 194-200. <http://article.sapub.org/10.5923.j.economics.20170704.05.html>

### Technical reports:

12. **Mati, S.** (2023). DynareR: Bringing the Power of Dynare to R, R Markdown and Quarto. Comprehensive R Archive Network (R package version 0.1.0) <https://cran.r-project.org/web/packages/DynareR/index.html>
13. **Mati S.** (2023). URooTab: Tabular Reporting of EViews Unitroot Test. Comprehensive R Archive Network (R package version 0.1.0) <https://cran.r-project.org/web/packages/URooTab/index.html>
14. **Mati, S.** (2019). EviewsR: A Seamless Integration of EViews and R. Comprehensive R Archive Network (R package version 0.1.0) <https://cran.r-project.org/web/packages/EviewsR/index.html>
15. **Mati, S.** (2019) gretlR: A Seamless Integration of gretl and R. Comprehensive R Archive Network (R package version 0.1.0) <https://cran.r-project.org/web/packages/gretlR/index.html>

### LINKS TO RESEARCH PROFILES

1. **Google scholar:** <https://scholar.google.com/citations?user=odEp1eIAAAAJ&hl=en&oi=ao>
2. **Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=57200530329>
3. **ResearchGate:** <https://www.researchgate.net/profile/Sagiru-Mati-2>
4. **Web of Science:** <https://www.webofscience.com/wos/author/record/P-3408-2017>
5. **Orcid:** <https://orcid.org/0000-0003-1413-3974>

### REFEREES

- Prof Irfan Civcir, +90 312 595 1287  
Ankara University, [irfan.civcir@politics.ankara.edu.tr](mailto:irfan.civcir@politics.ankara.edu.tr)  
Turkey.

- Prof. Huseyin Ozdeser +90 533 823 6868  
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Abuja, Nigeria.