

Publication list

Evans Kiptoo Korir (MTMT Identifier: 10095469)

This dissertation is based on:

[1] Korir, Evans Kiptoo, and Zsolt Vizi. "Clustering of countries based on the associated social contact patterns in epidemiological modeling." International Symposium on Mathematical and Computational Biology. Cham: Springer Nature Switzerland, 2022. (MTMT: 34292674)

[2] Korir, Evans Kiptoo, and Zsolt Vizi. "Clusters of African countries based on the social contacts and associated socioeconomic indicators relevant to the spread of the epidemic." Journal of Mathematics in Industry 14.1 (2024): 24. (Impact Factor: 1.7), (MTMT: 35592427).

[3] Korir, Evans Kiptoo. Comparative clustering and visualization of socioeconomic and health indicators: A case of Kenya. Socio-Economic Planning Sciences, 95:101961, 2024. (Impact Factor: 5.4), (MTMT: 35090871)

[4] Vizi, Z., Korir, E. K., Bogya, N., Rosztóczy, C., Makay, G., and Boldog, P. (2025). Age Group Sensitivity Analysis of Epidemic Models: Investigating the Impact of Contact Matrix Structure. ArXiv. <https://arxiv.org/abs/2502.19206>

[5] Korir, E. K., and Vizi, Z. (2025). Eigenvector-Based Sensitivity Analysis of Contact Patterns in Epidemic Modeling. ArXiv. <https://arxiv.org/abs/2502.20117>