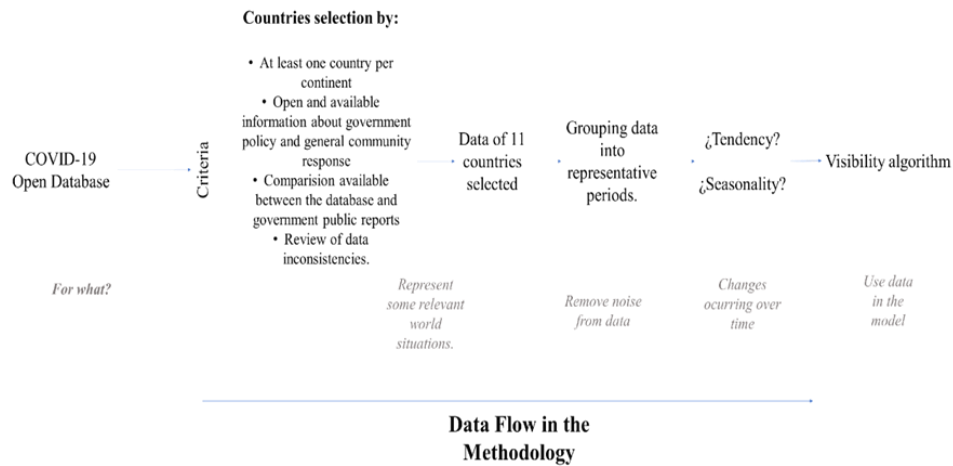
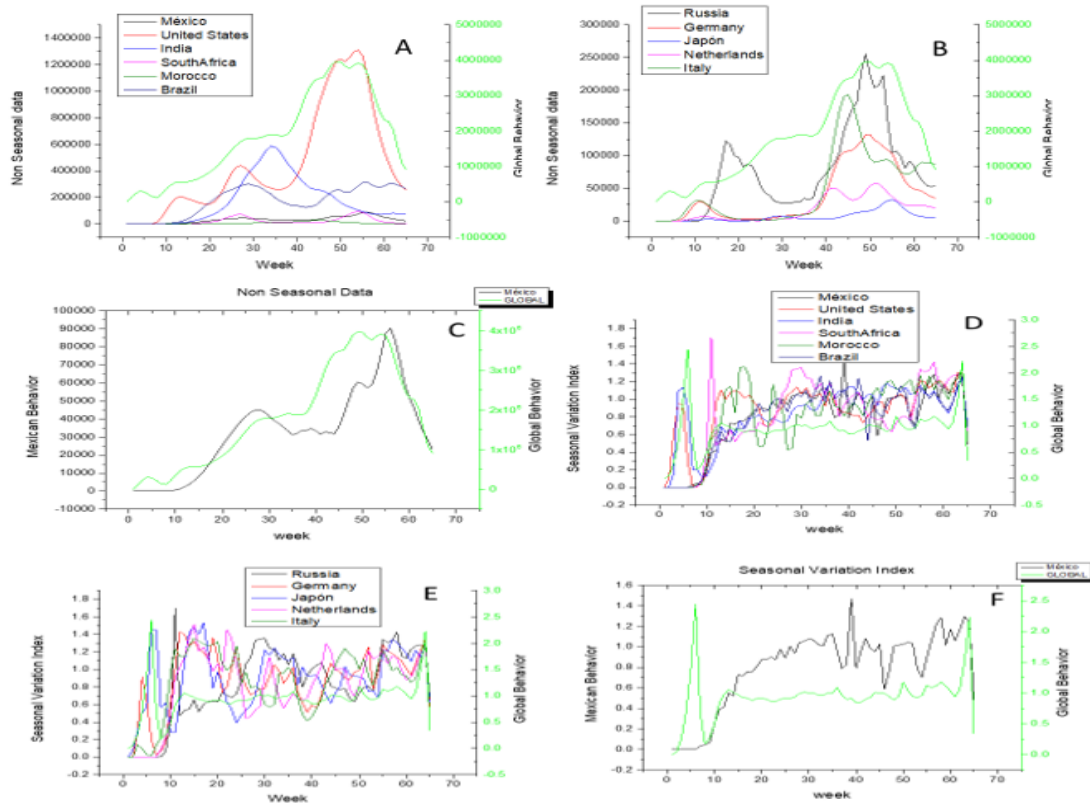


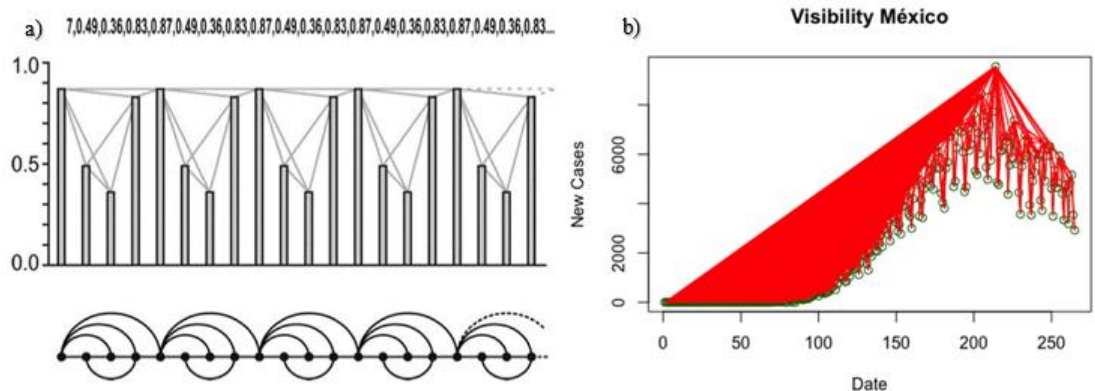
## Appendix



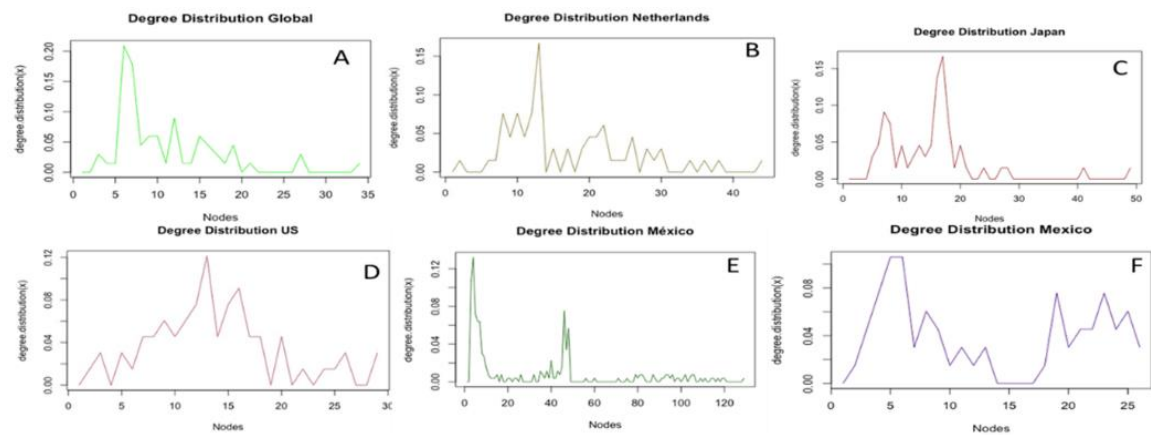
**Fig. 1.** Data flow in the methodology: from the data source to the complex network model.



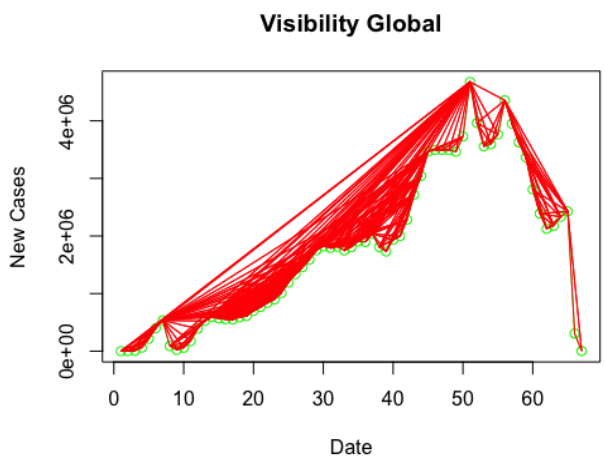
**Fig. 2.** Comparison of seasonality and non-seasonality indices of data from different countries. Data obtained by John Hopkins repository.



**Fig. 3a.** Example Visibility algorithm. **4b.** Visibility algorithm for Mexico.



**Fig. 4.** Comparison of Degree distribution for different countries and periods.



**FIG. 10.** Visibility Algorithm for Global Time Series

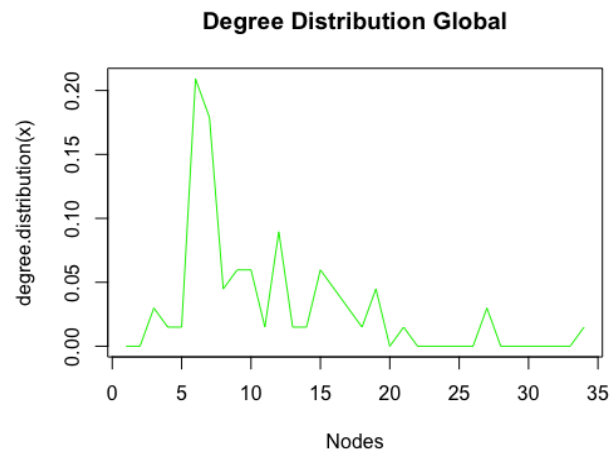


FIG. 11. Degree Distribution for Global behavior.

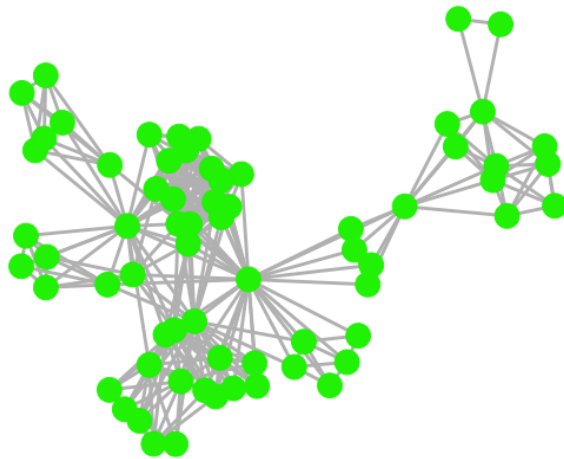


FIG. 12. Global Network

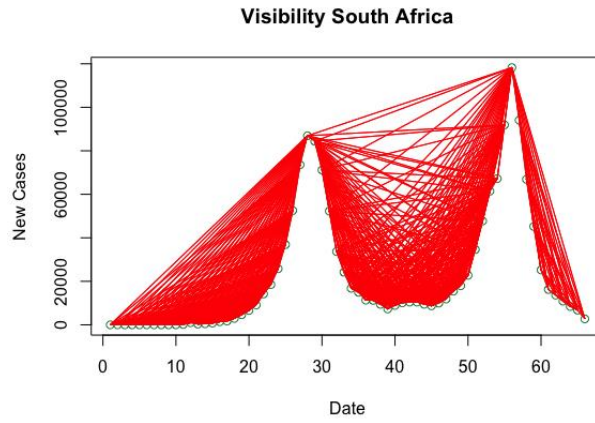


FIG. 13. Visibility Algorithm for South Africa Time Series

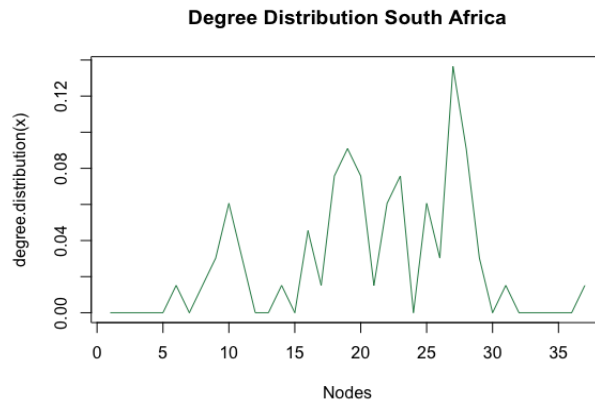


FIG. 14. Degree Distribution for South Africa behavior

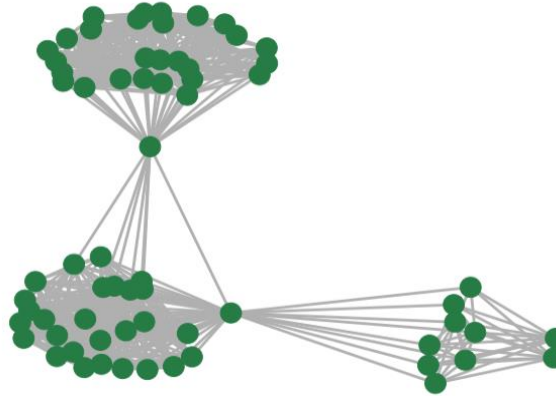


FIG. 15. South Africa Network

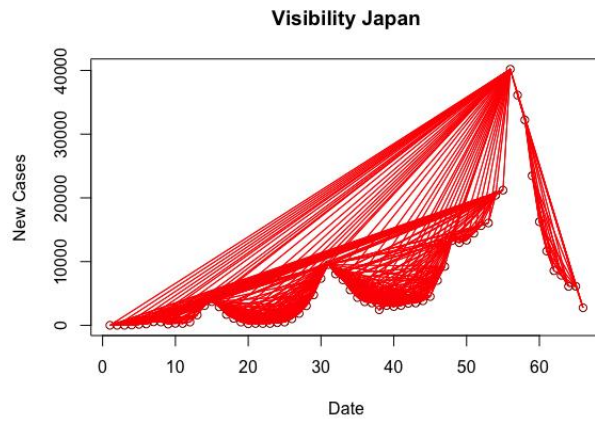


FIG. 16. Visibility Algorithm for Japan Time Series

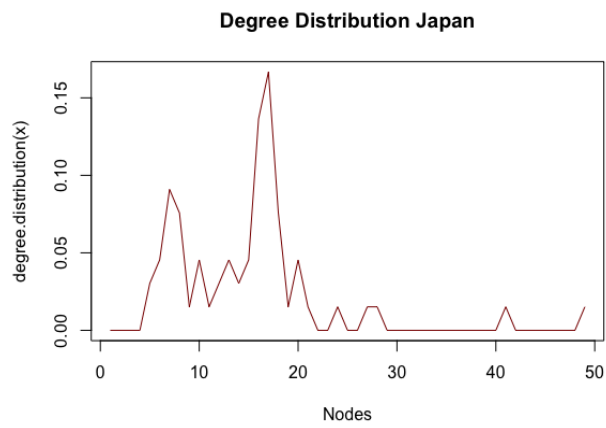


FIG. 17. Degree Distribution for Japan behavior

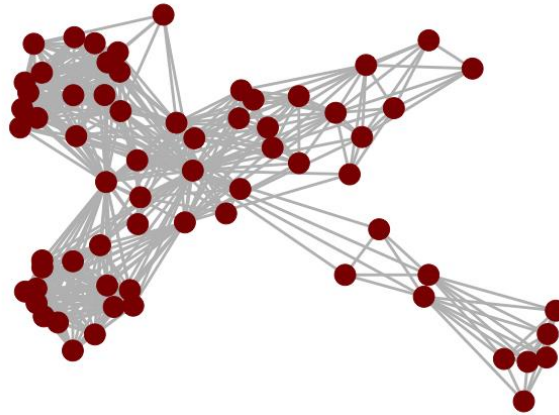


FIG. 18. Japan Network

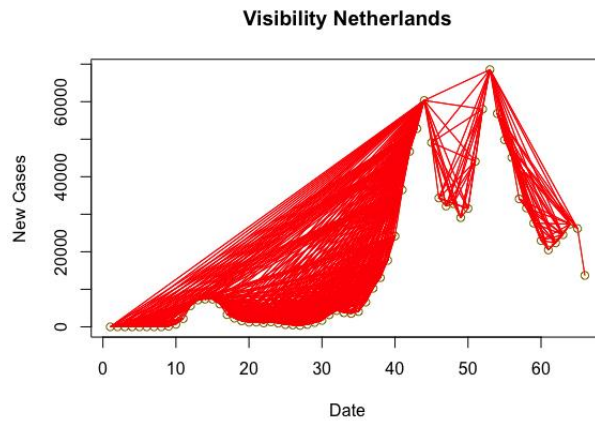


FIG. 19. Visibility Algorithm for Netherlands Time Series

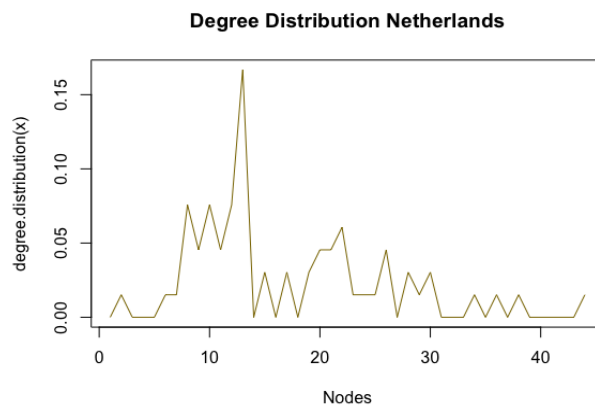


FIG. 20. Degree Distribution for Netherlands behavior

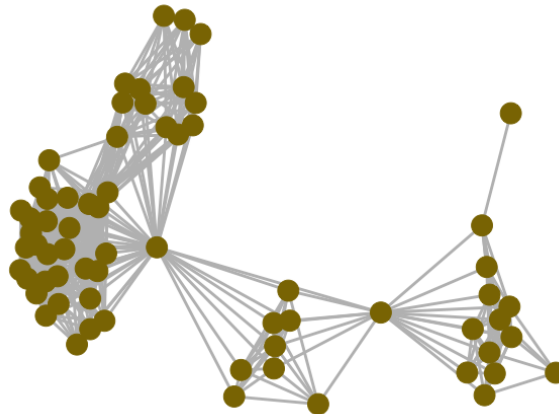


FIG. 21. Netherlands Network

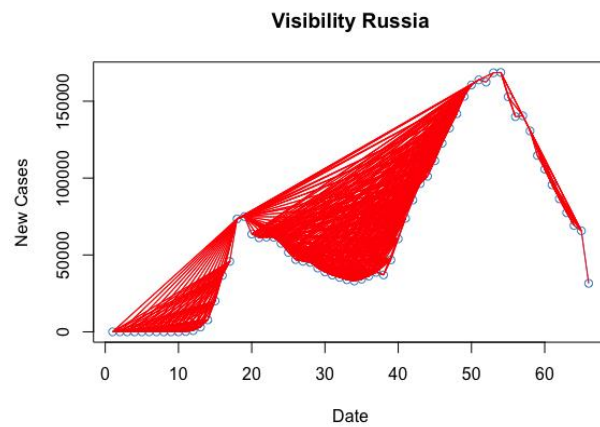


FIG. 22. Visibility Algorithm for Russia Time Series

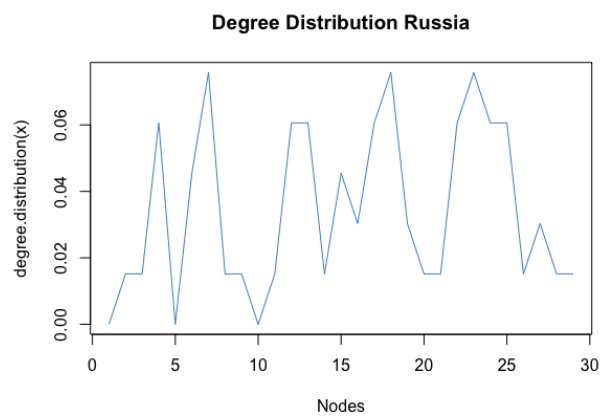


FIG. 23. Degree Distribution for Russia behavior

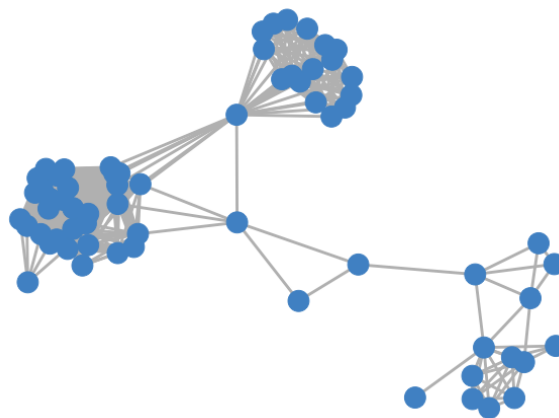


FIG. 24. Russia Network

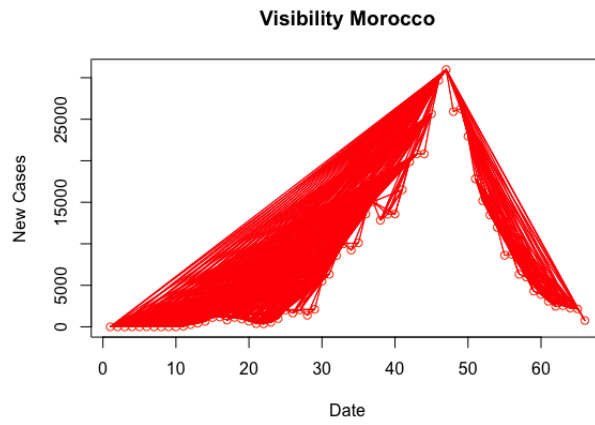


FIG. 25. Visibility Algorithm for Morocco Time Series

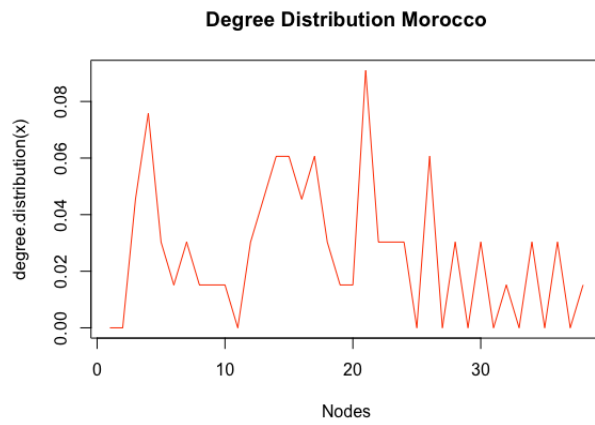


FIG. 26. Degree Distribution for Morocco behavior



FIG. 27. Morocco Network



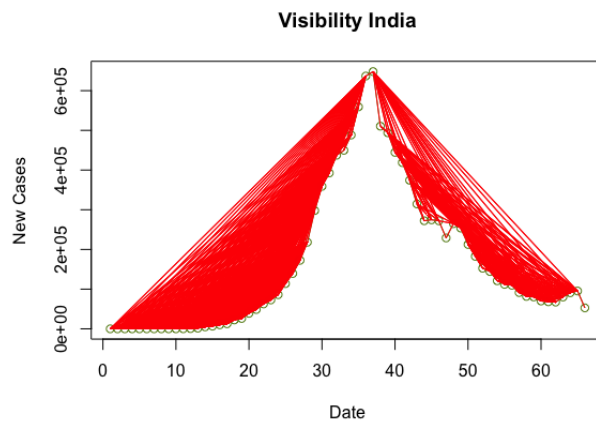


FIG. 28. Visibility Algorithm for India Time Series

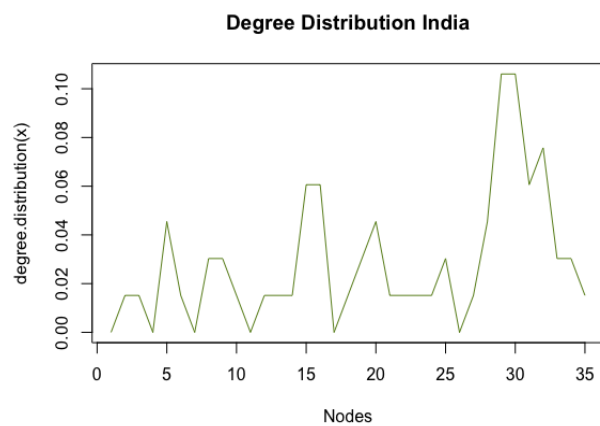


FIG. 29. Degree Distribution for India behavior

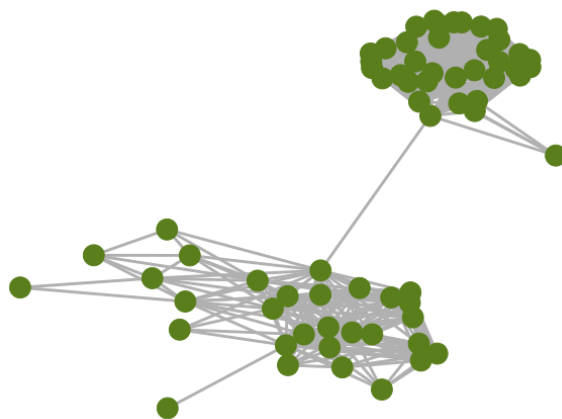


FIG. 30. India Network

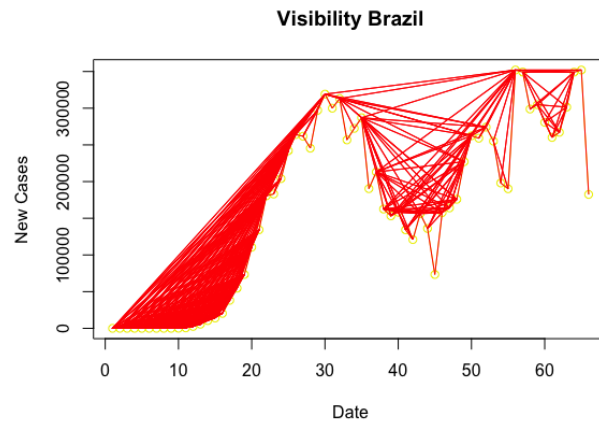


FIG. 31. Visibility Algorithm for Brazil Time Series

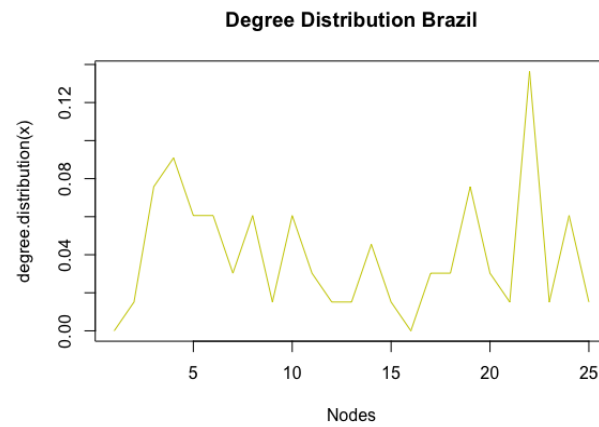


FIG.32. Degree Distribution for Brazil behavior



FIG. 33. Brazil Network

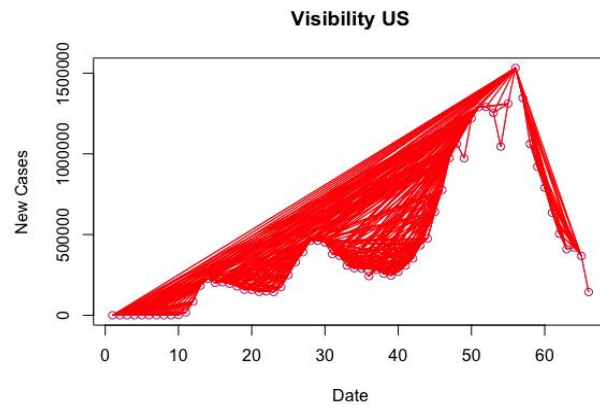


FIG. 34. Visibility Algorithm for US Time Series

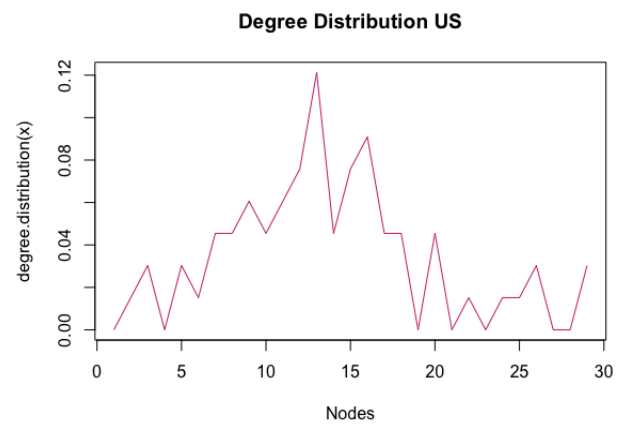


FIG. 35. Degree Distribution for US behavior

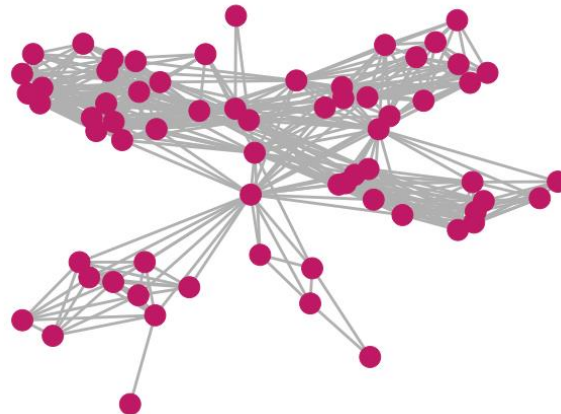


FIG. 36. US Network

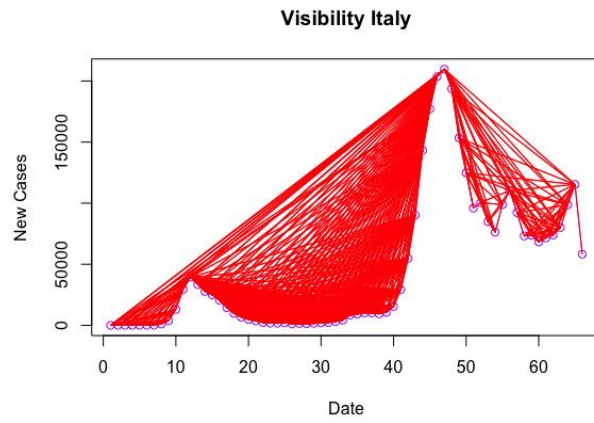


FIG. 37. Visibility Algorithm for Italy Time Series

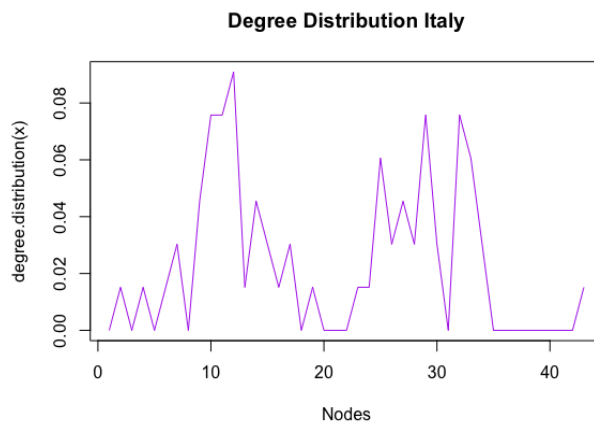


FIG. 38. Degree Distribution for Italy behavior

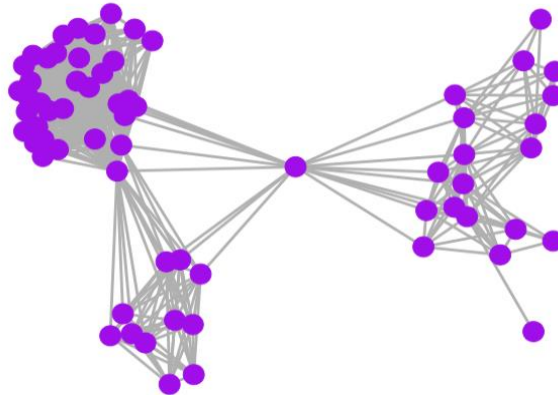


FIG. 39. Italy Network.

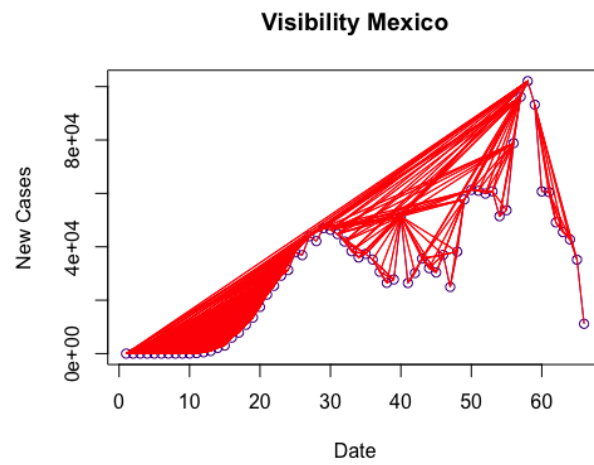


FIG. 40. Visibility Algorithm for Mexico Time Series

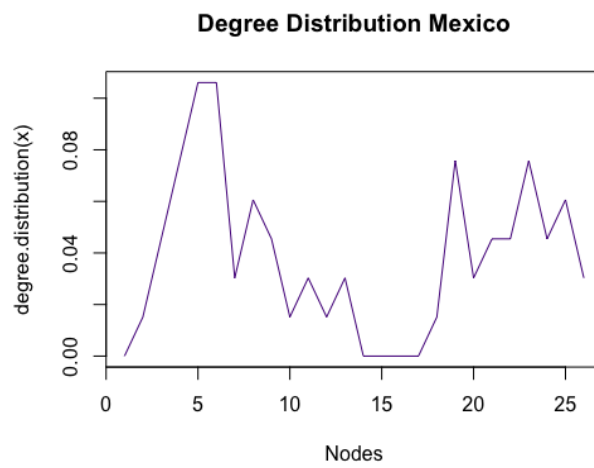


FIG. 41. Degree Distribution for Mexico behavior

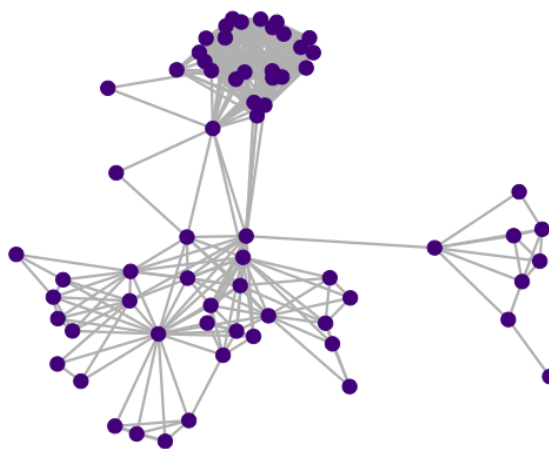


FIG. 42. Mexico Network

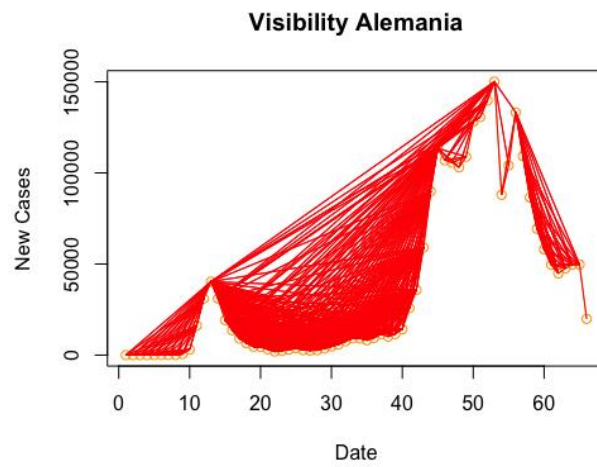


FIG. 43. Visibility Algorithm for Germany Time Series

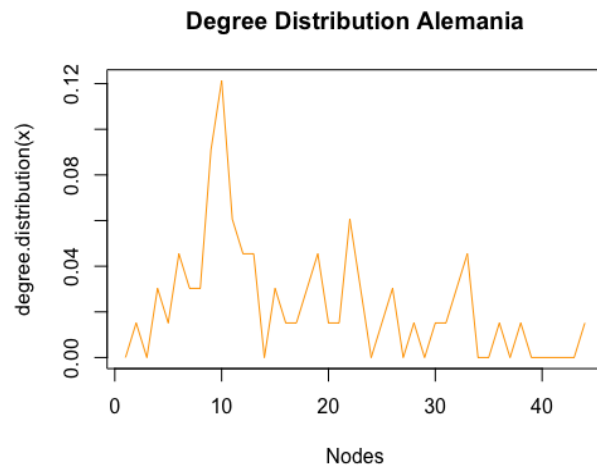


FIG. 44. Degree Distribution for Germany behavior

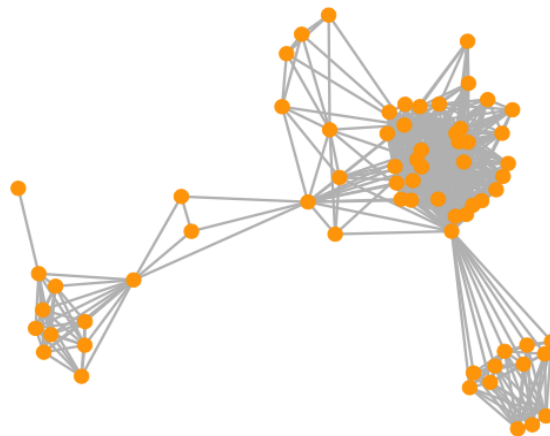


FIG. 45. Germany Network

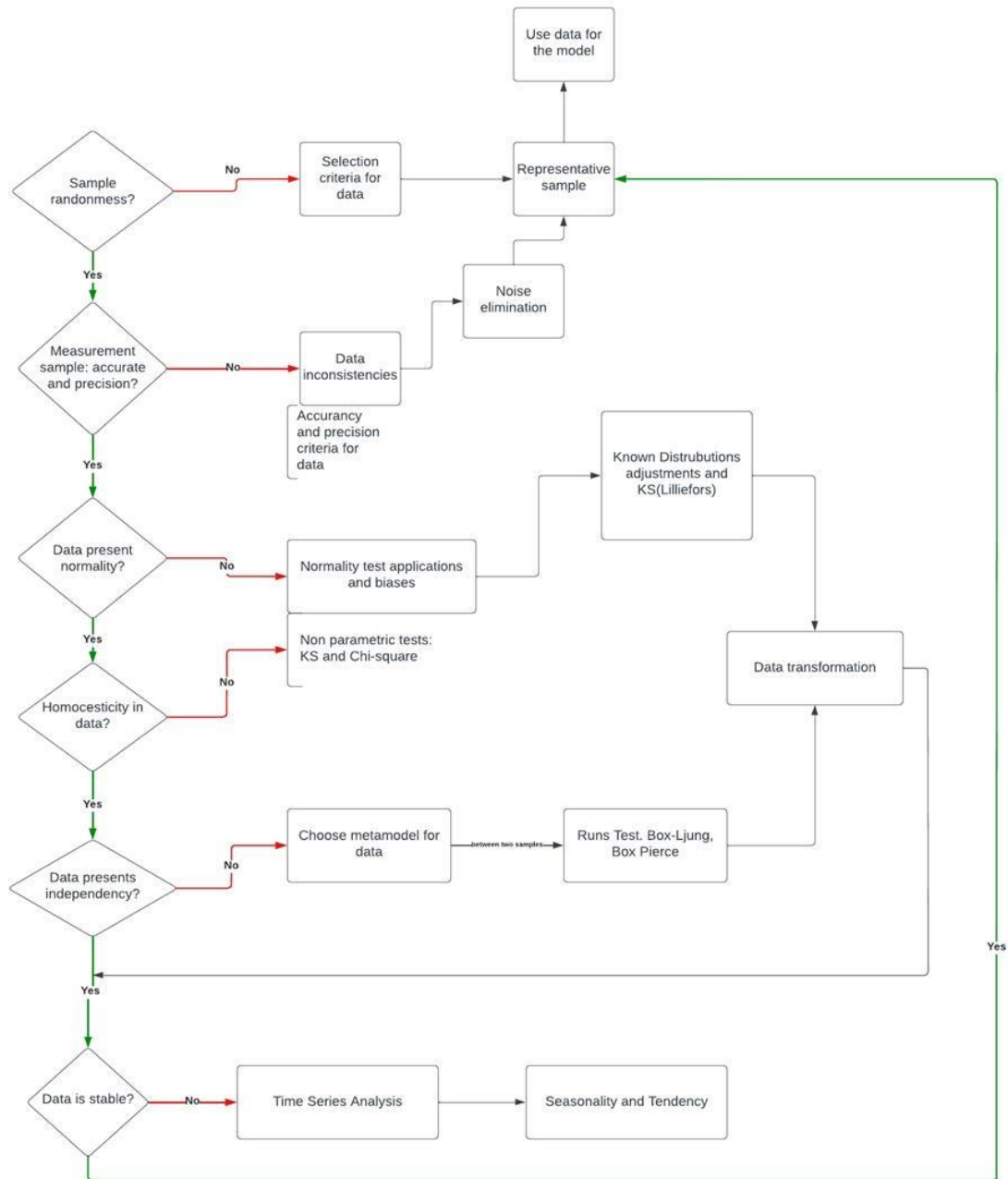


FIG. 46. FLOW CHART OF STATISTICAL TESTS APPLIED TO NEW CASES OF COVID-19.