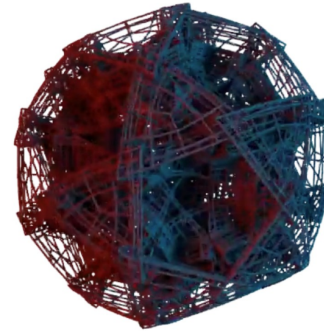


CovidVacNet

Modeling and Predicting Global COVID-19 Breakthroughs Using Network Analysis and Machine Learning

The COVID-19 pandemic, caused by the SARS-CoV-2 virus, has had a significant impact on the lives of many people, with numerous deaths and hospitalizations. In response, several vaccine manufacturers, such as Pfizer, Moderna, and Johnson & Johnson (J&J), have developed and tested COVID-19 vaccines. However, it is unlikely that society will achieve full immunity to COVID-19 due to the emergence of variants such as Omicron and Delta that may not be fully covered by current vaccines. The



Website link: <https://www.jneurolab.org/covid-vacnet-website>