

Human Movement Analytics

~ Aditya Katkuri

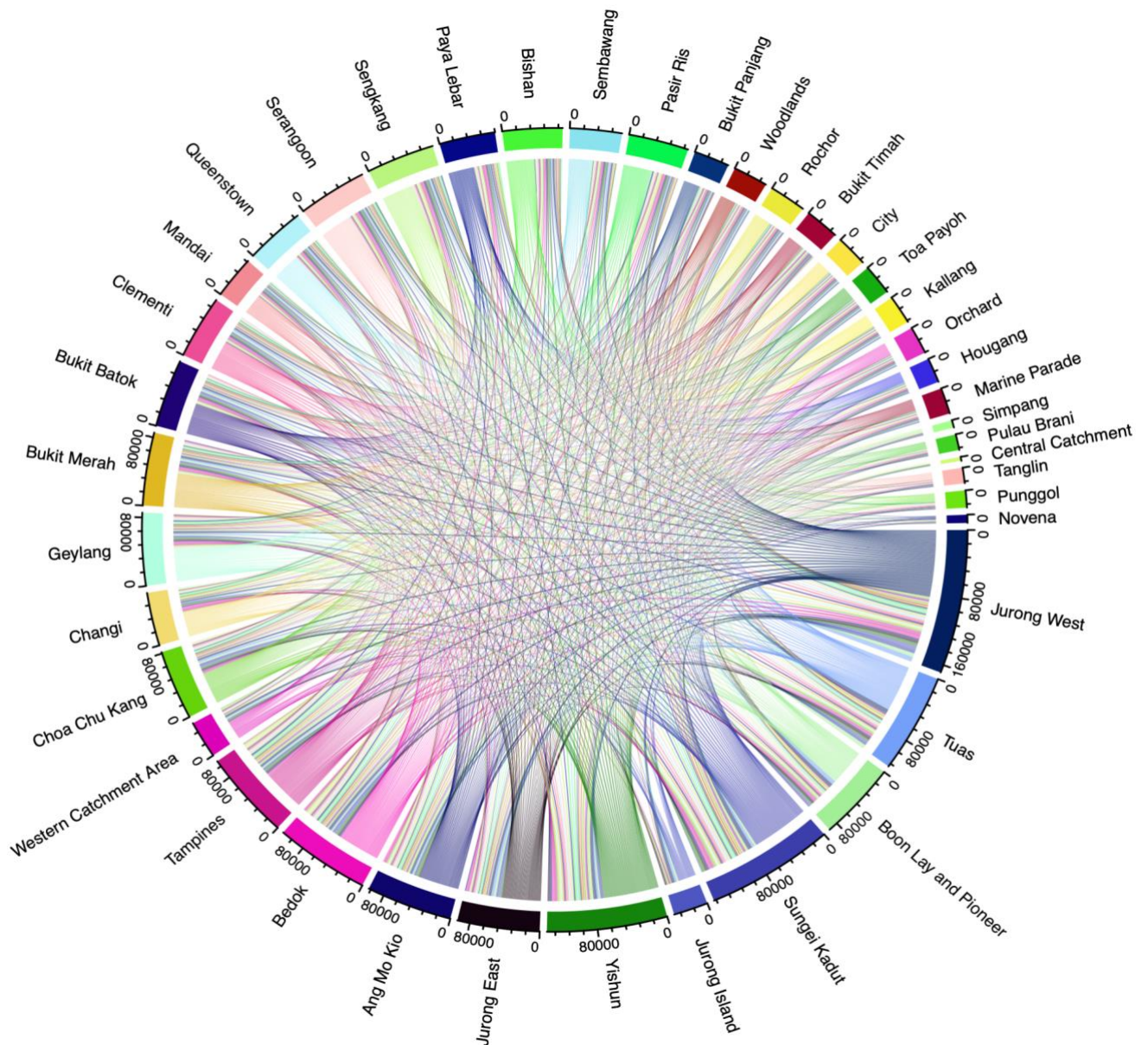
Update 2: 23nd June 2023

Analysis on Dataset: “2020-09 to 2021-01”

Chord Diagram:

All the Chord Diagrams presented below are created using *R language*.

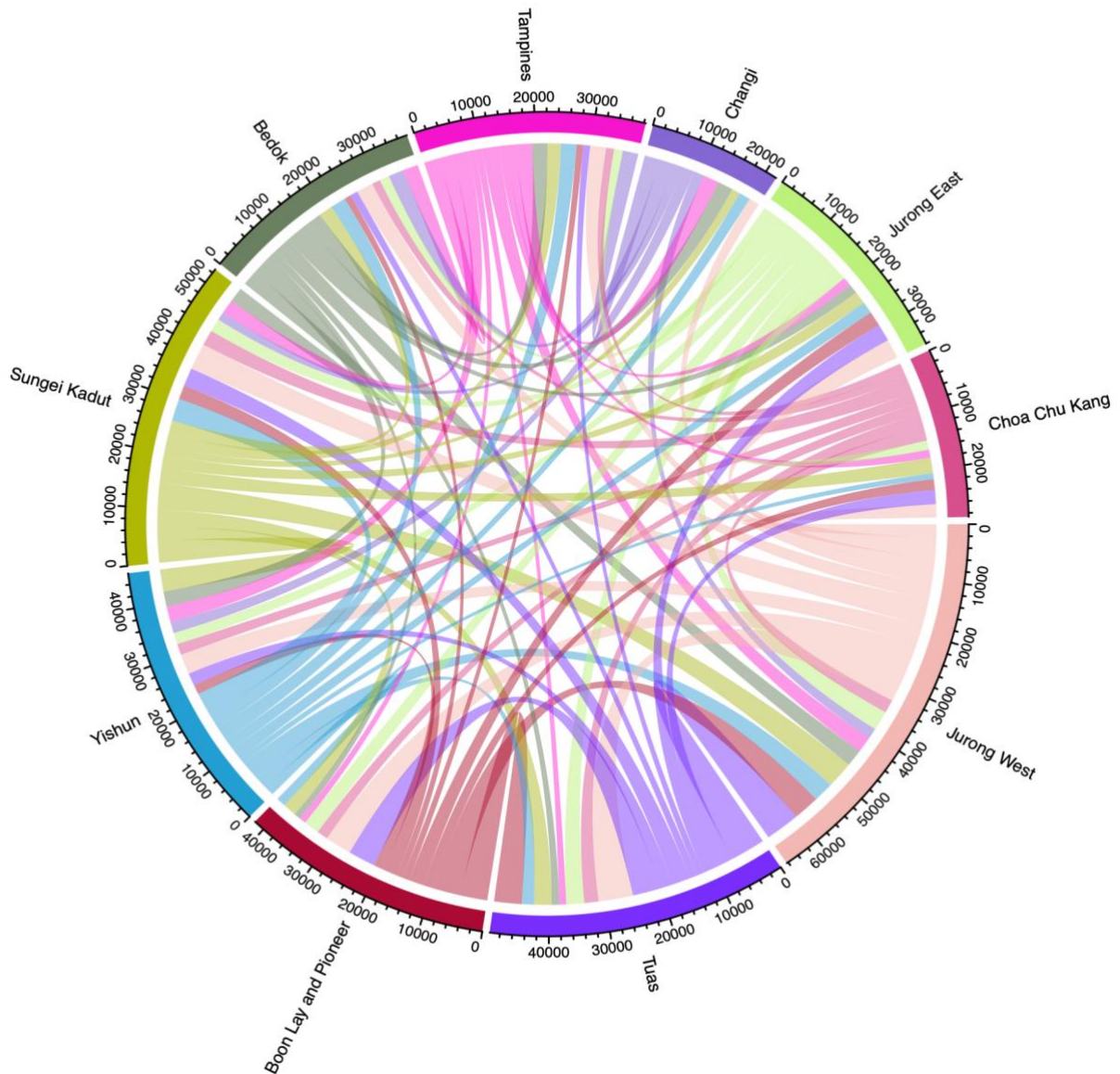
movement (>500) between 41 places



The above chord diagram represents the human movement between between 41 cities with movement of over 500 people between the cities.

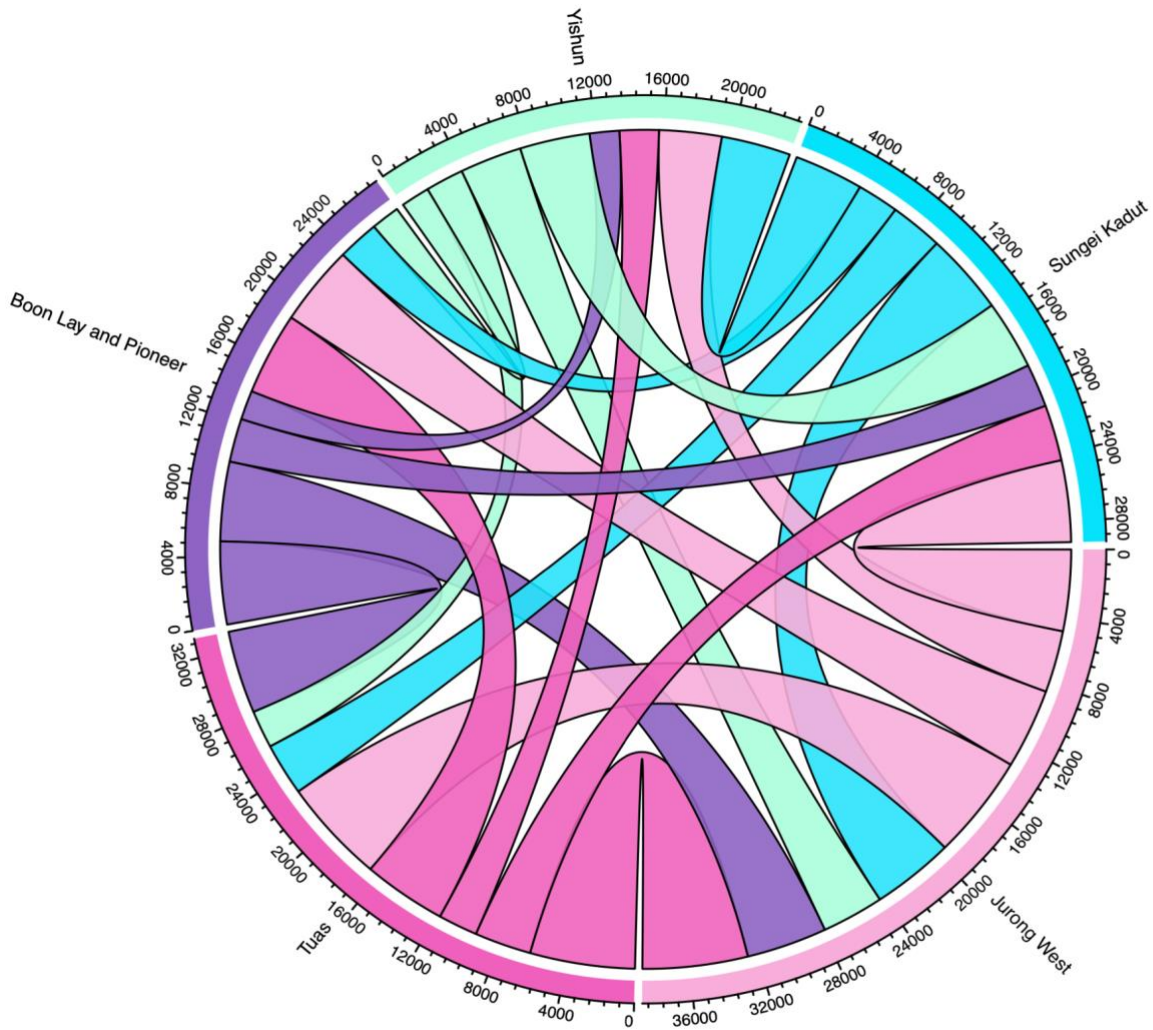
It is evident that considering many cities is making the graph cluttered and unclear. So another graph is made to represent human movement between 10 cities with movement of at least 1000 people.

movement (>1000) between 10 places



For better clarity, a chord graph representing human movement between just 5 cities with movement of at least 1000 people is created, few parameters were refined and the graph is beautified.

movement (>1000) between 5 places



Flow Map:

An interactive Flow Map is created using flowmap.blue

I have created an interactive Flow Map to represent human movement between 10 cities

with movement of at least 1000 people. Our Map can be accessed using this [link](#)

A picture of the interactive Flow Map:

