

# Public Transportation Networks of Istanbul

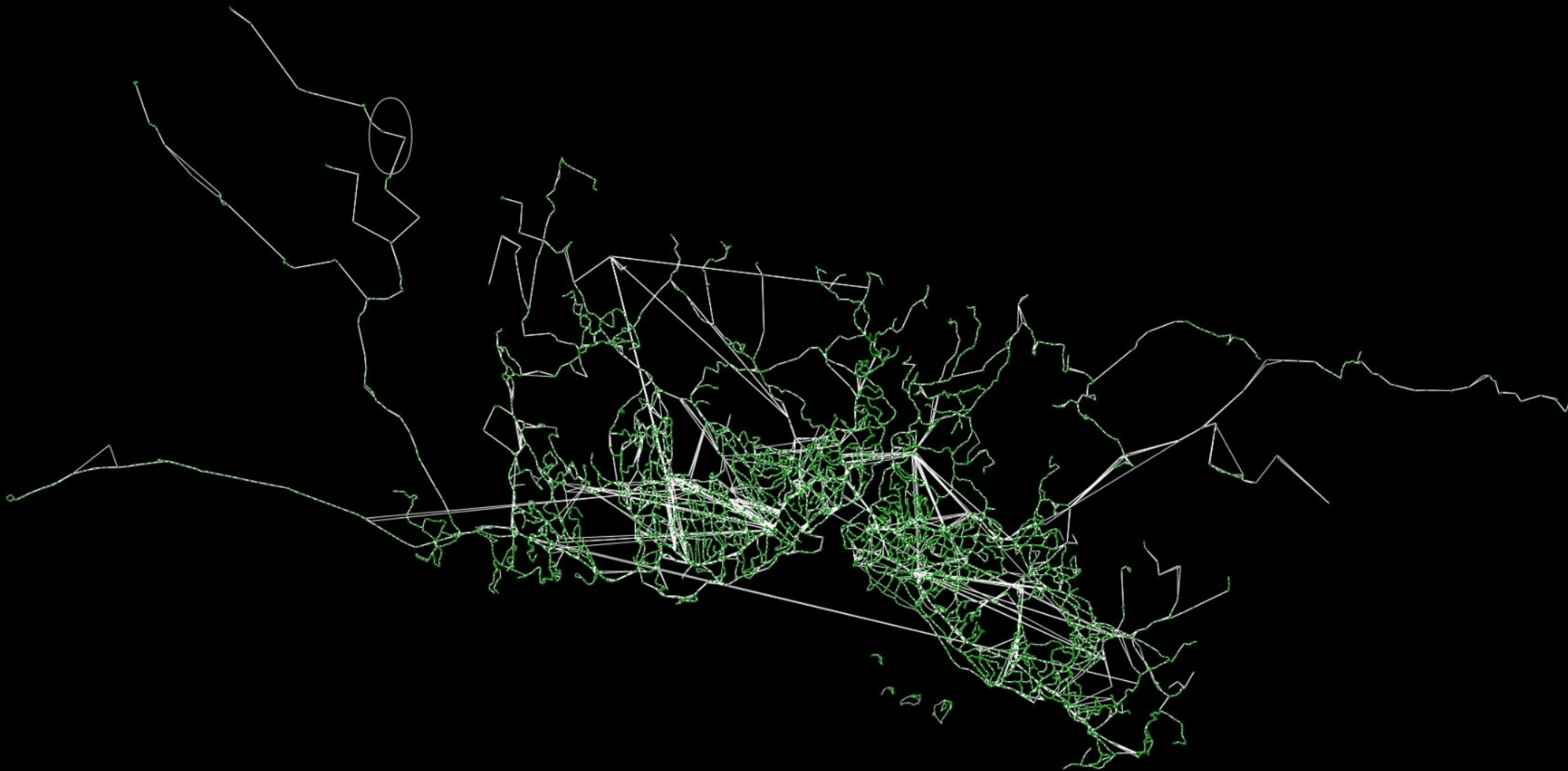
Group ID: 5

Halil Özgür (504201524),

Valentin L'Homel (922110009)

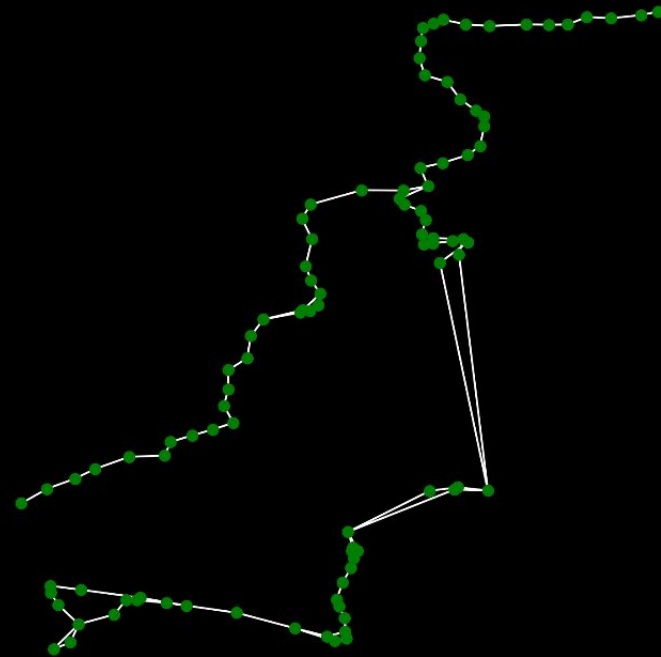
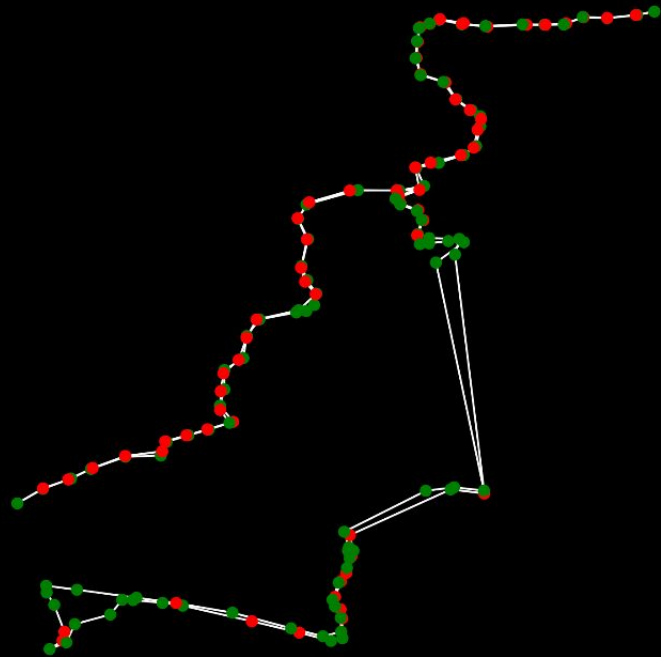
Selim Eren Eryılmaz (504201537)

# Dataset

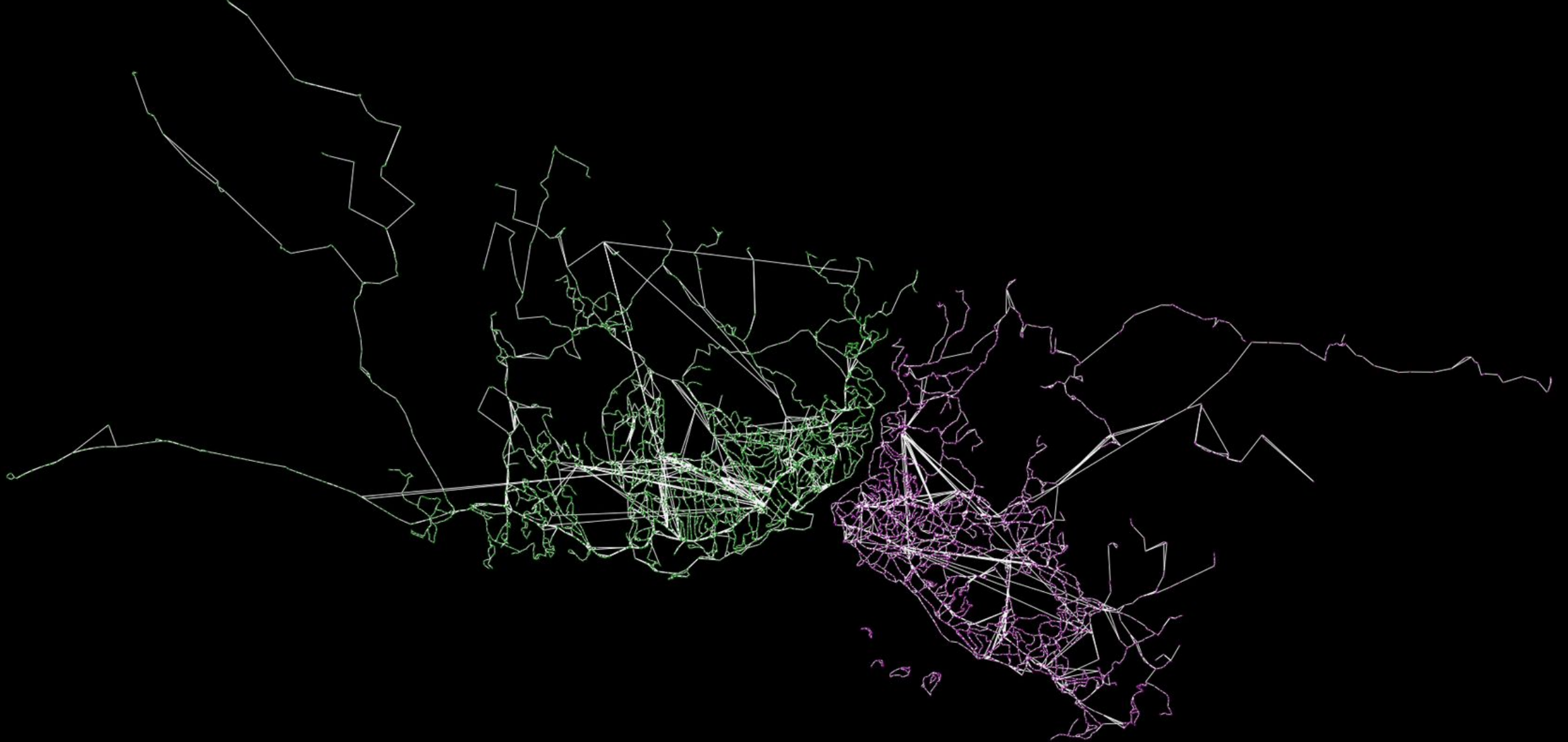


# Contracting Nodes

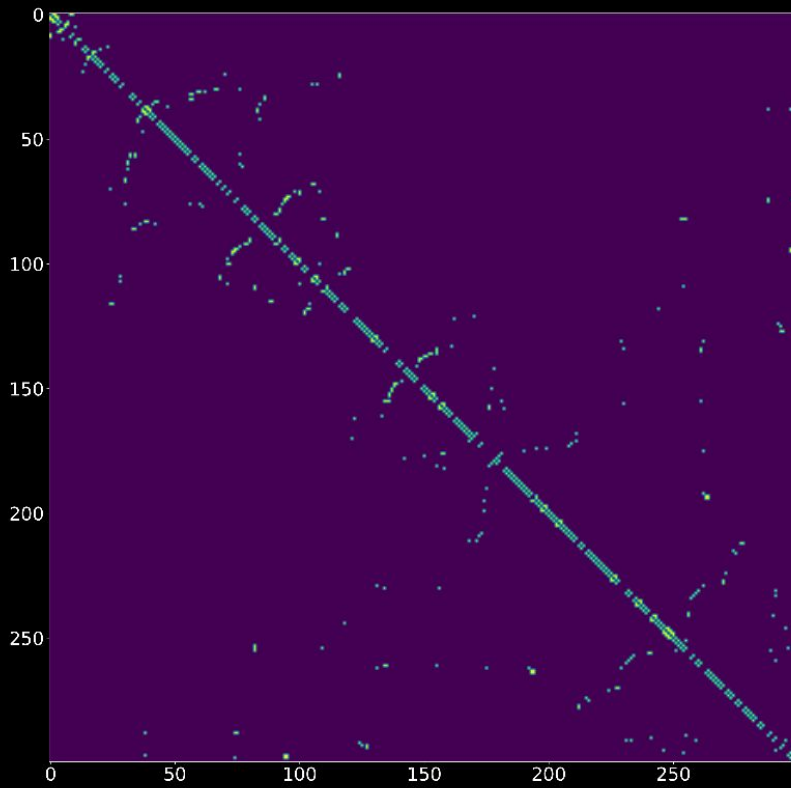
—●— Remaining  
—●— Removed



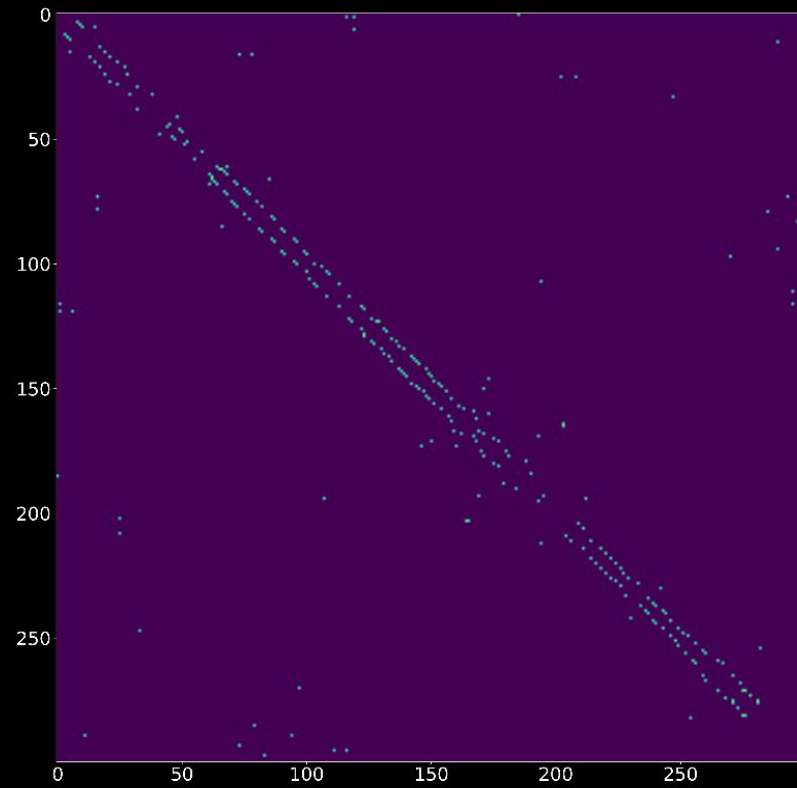
# Constructed Networks



# Adjacency Matrix (300 Nodes)

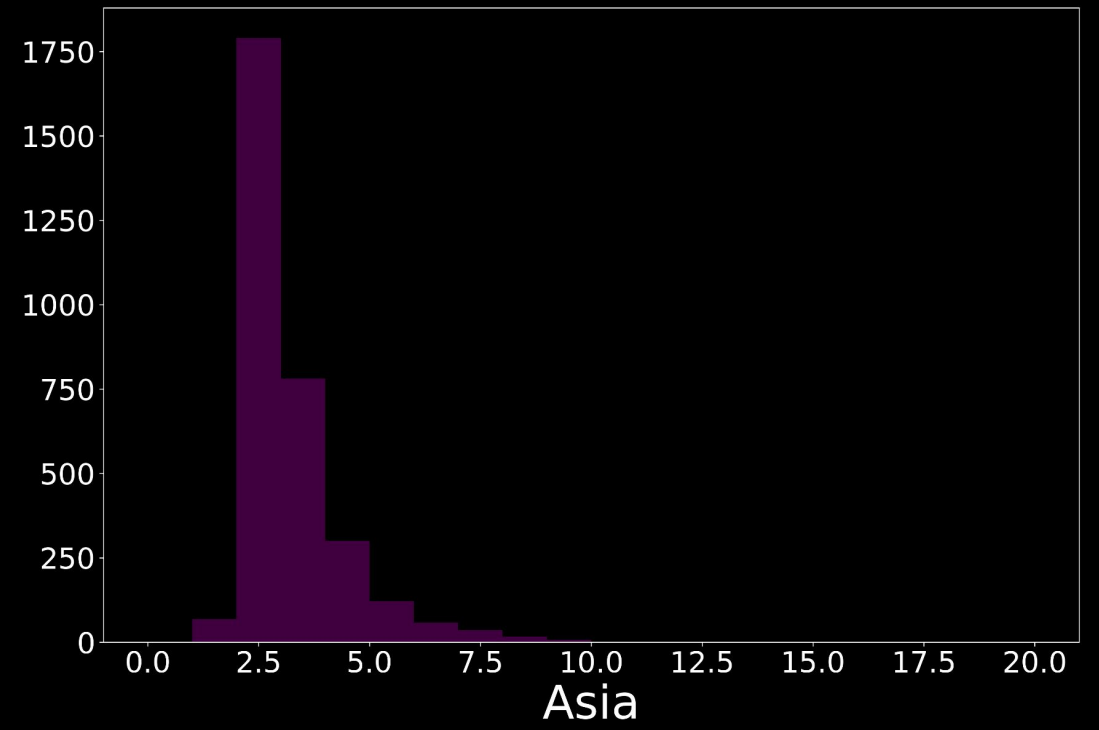
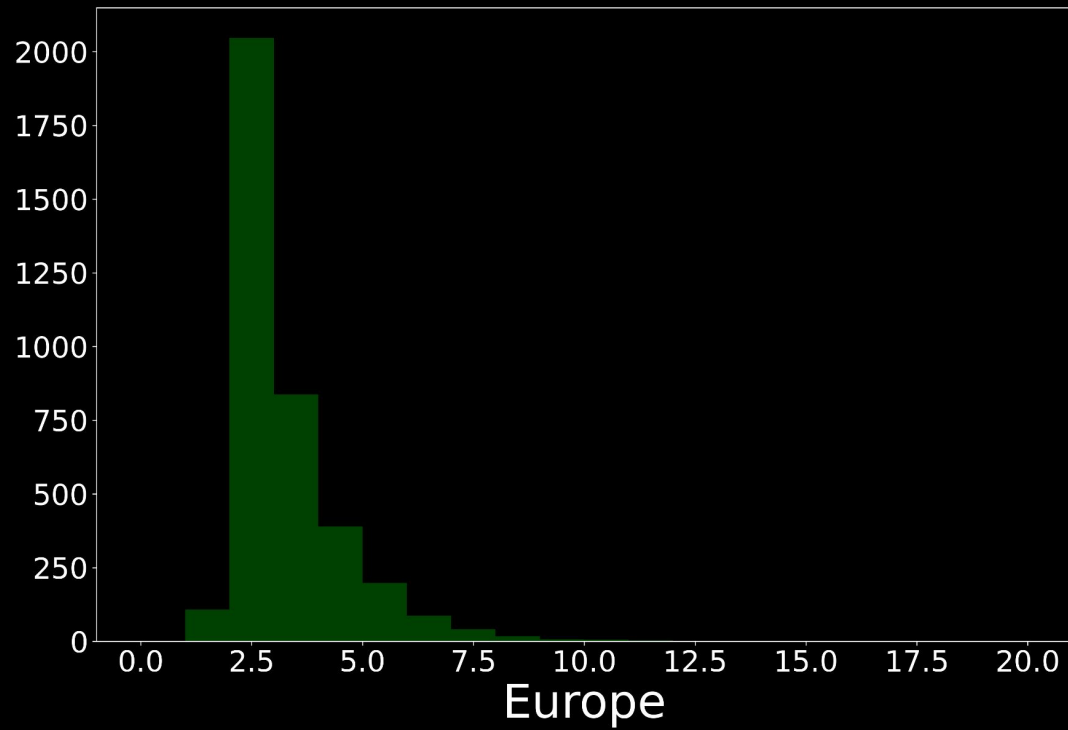


Europe



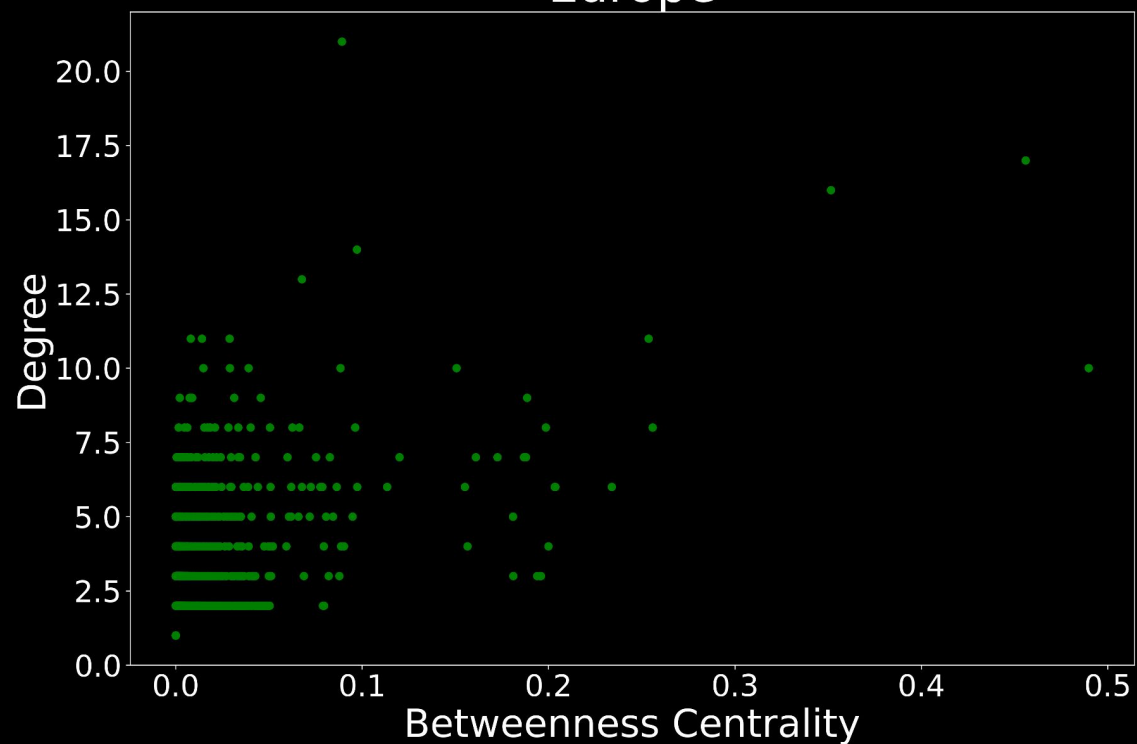
Asia

# Degree Histograms

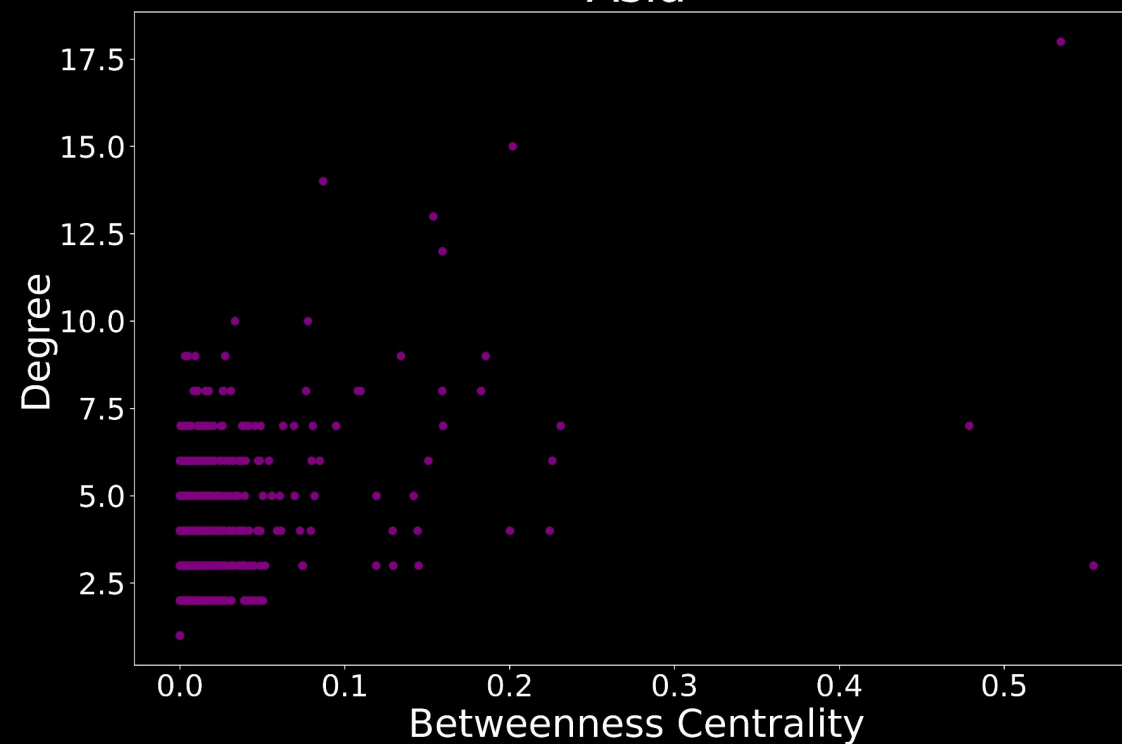


# Betweenness Centrality

Europe

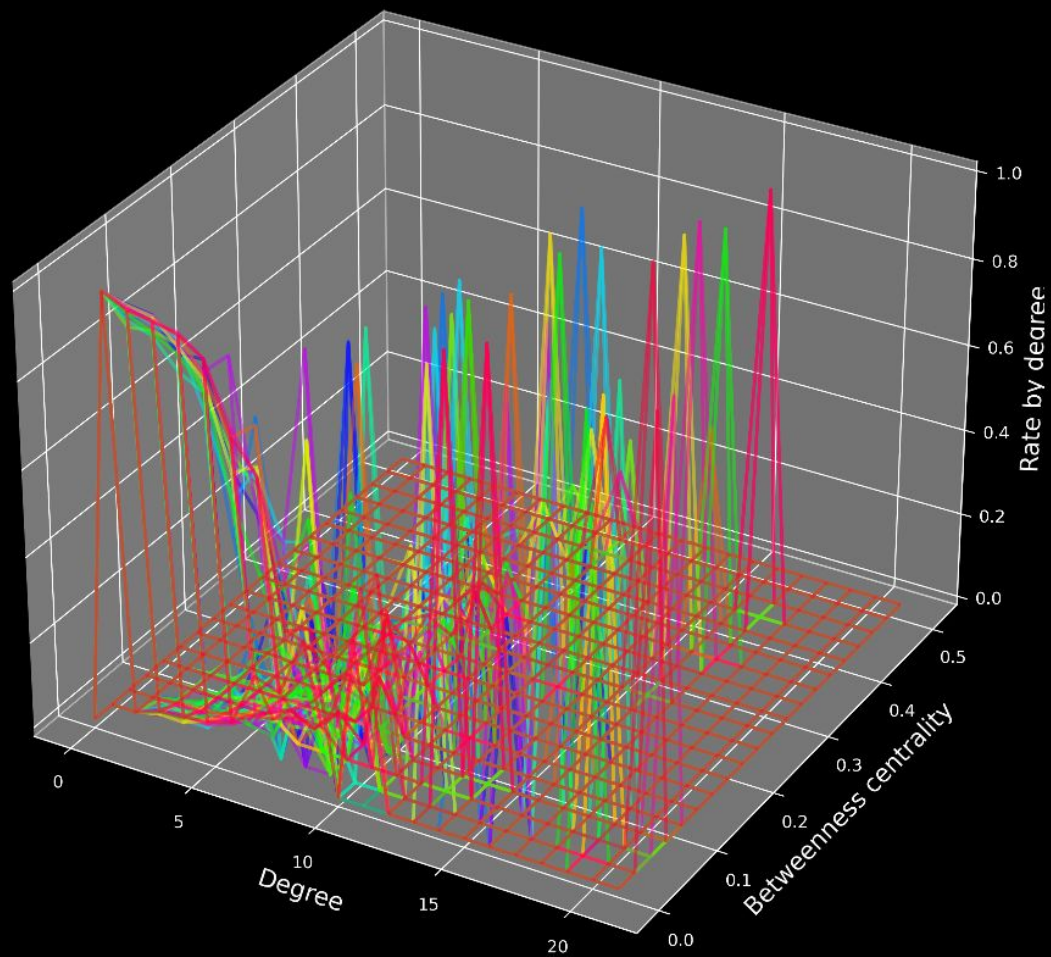


Asia

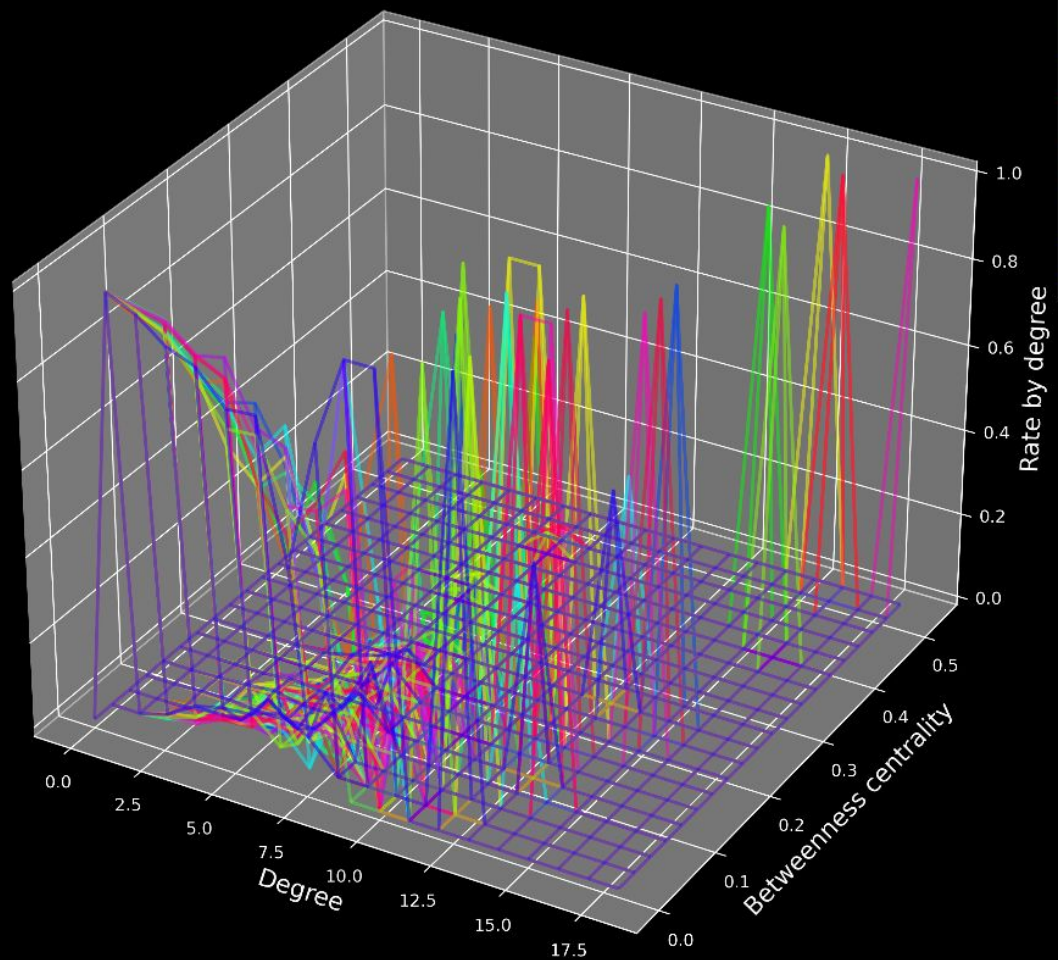




European network

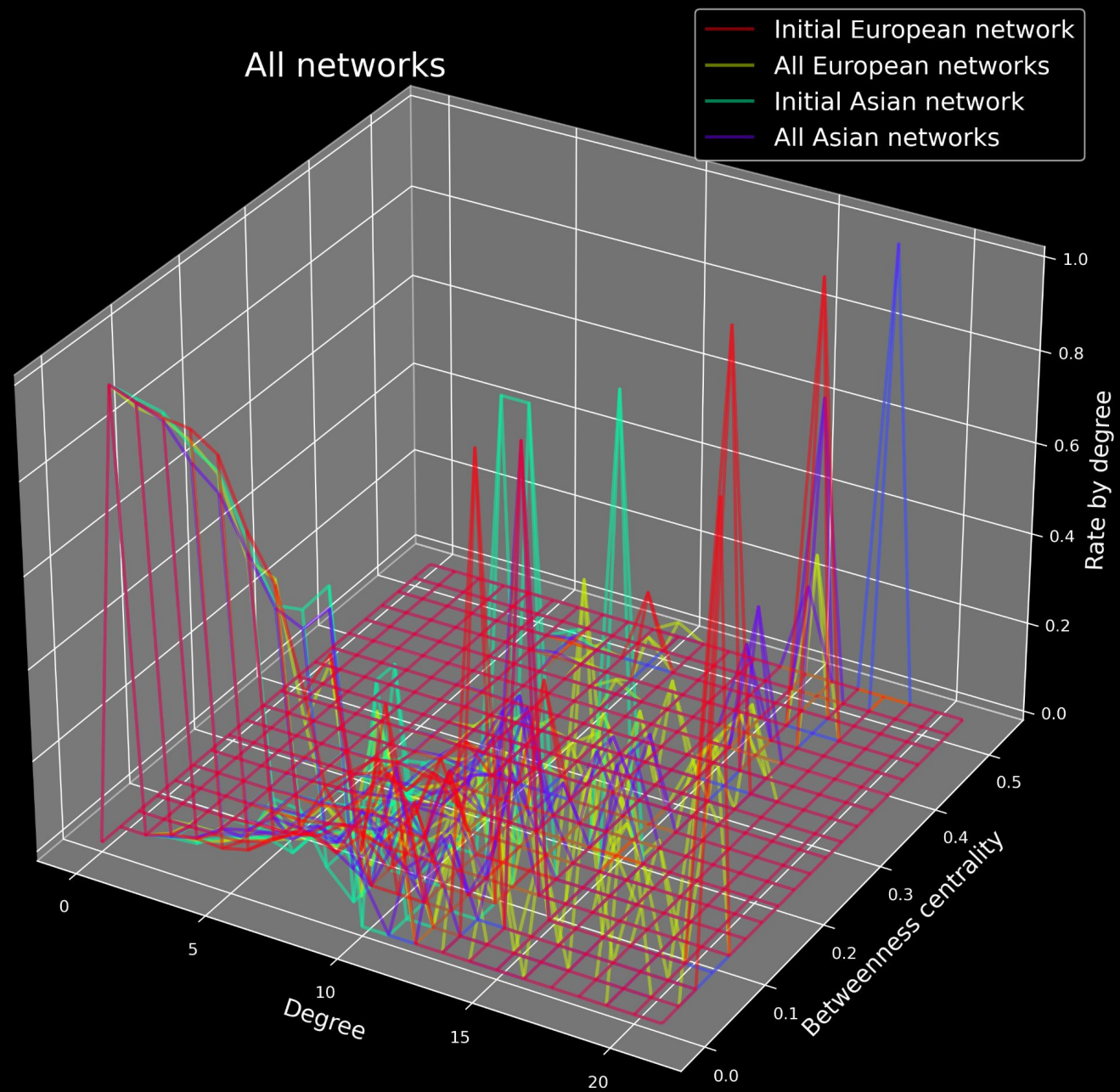


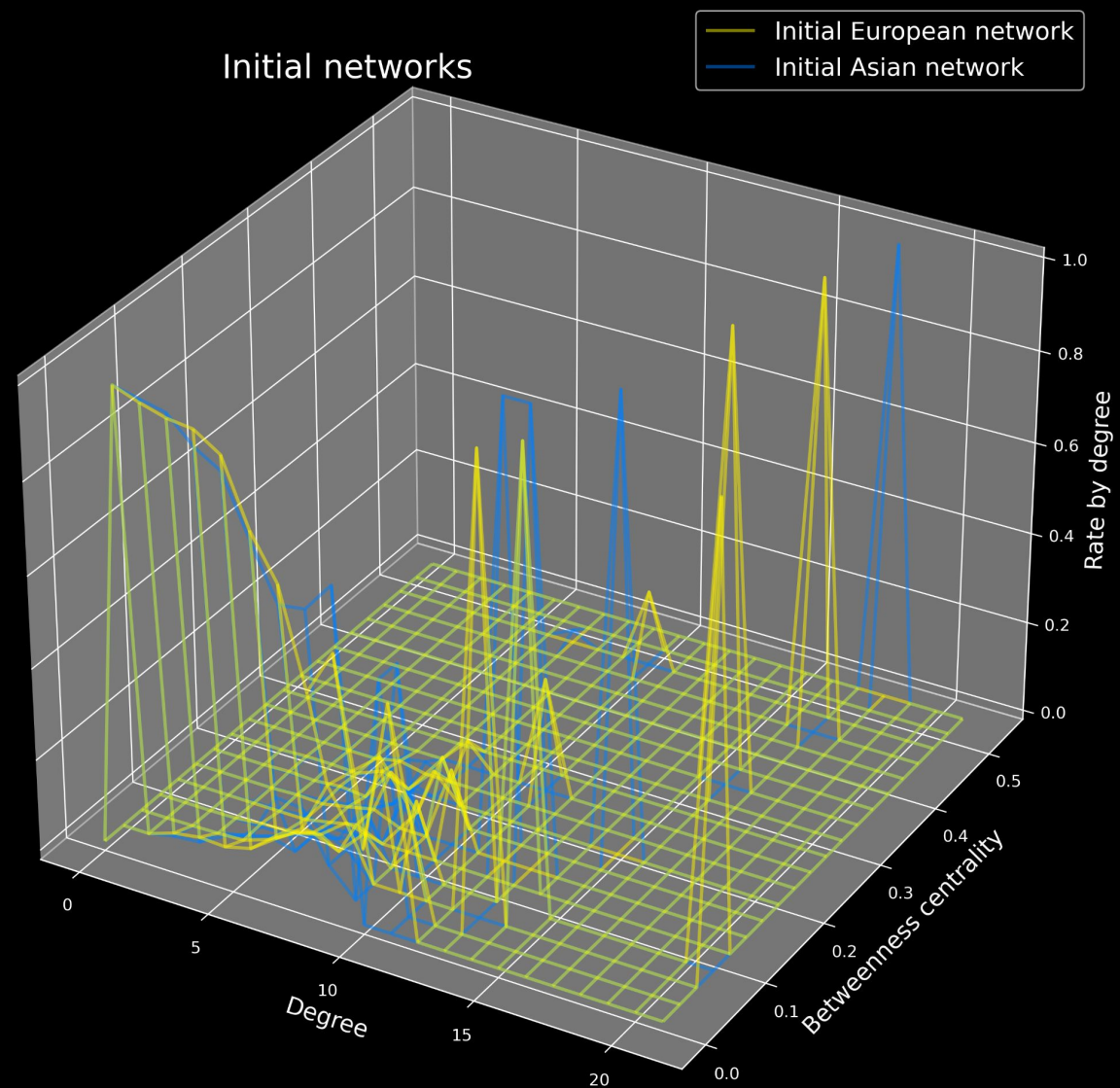
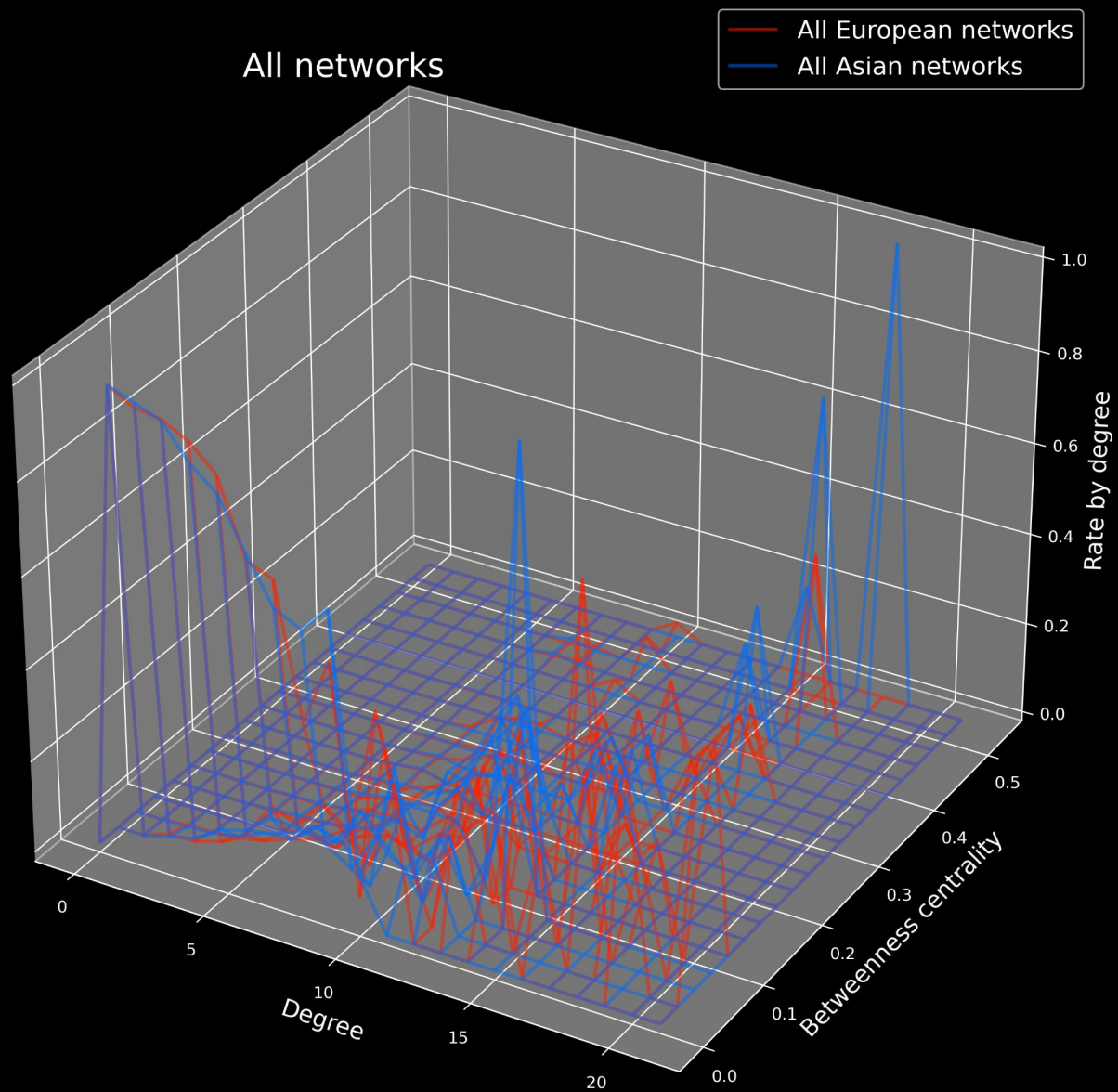
Asian network



- 100% network
- 95% network
- 90% network
- 85% network
- 80% network
- 75% network
- 70% network
- 65% network
- 60% network
- 55% network
- 50% network







Thanks for Watching