TEMPORAL BETWEENNESS CENTRALITY VALUES

**Graph 1:**

Node=47

Edges=64

Values:

[0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 1.70068027e-05, 0.00000000e+00, 1.70068027e-05,

4.25170068e-05, 0.00000000e+00, 1.22236395e-04, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

1.12279606e-04, 0.00000000e+00, 2.55102041e-05, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 1.70068027e-05, 2.55102041e-05,

8.50340136e-06, 0.00000000e+00, 0.00000000e+00, 6.65738234e-05,

0.00000000e+00, 3.40136054e-05, 0.00000000e+00, 5.10204082e-05,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 8.50340136e-06,

0.00000000e+00, 0.00000000e+00, 1.17594232e-04, 0.00000000e+00,

0.00000000e+00, 3.40136054e-05, 5.10204082e-05, 0.00000000e+00,

1.70068027e-05, 0.00000000e+00]

**Graph 2:**

Nodes=68

Edges=83

Values:

[0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

1.02842569e-05, 0.00000000e+00, 0.00000000e+00, 1.54263853e-05,

5.14212843e-06, 0.00000000e+00, 2.57106421e-06, 0.00000000e+00,

2.31395779e-05, 0.00000000e+00, 2.57106421e-06, 0.00000000e+00,

0.00000000e+00, 5.14212843e-06, 0.00000000e+00, 2.57106421e-06,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 5.14212843e-06,

0.00000000e+00, 0.00000000e+00, 5.14212843e-06, 0.00000000e+00,

0.00000000e+00, 2.57106421e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

2.57106421e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

7.71319264e-06, 0.00000000e+00, 7.71319264e-06, 0.00000000e+00,

0.00000000e+00, 5.14212843e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 1.28553211e-05, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 5.14212843e-06, 1.28553211e-05,

5.14212843e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 1.02842569e-05, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 2.57106421e-05, 0.00000000e+00,

5.14212843e-06, 0.00000000e+00, 0.00000000e+00]

**Graph 3:**

Nodes=51

Edges=56

Values:

[0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       6.12182430e-06, 1.83654729e-05, 1.83654729e-05, 6.12182430e-06,

       6.12182430e-06, 3.67309458e-05, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       1.22436486e-05, 1.22436486e-05, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 1.22436486e-05, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 2.44872972e-05, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 1.22436486e-05, 0.00000000e+00,

       0.00000000e+00, 1.22436486e-05, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 1.83654729e-05, 1.22436486e-05, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 6.12182430e-06, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00,

       1.22436486e-05]

**Graph 4**:

Nodes=71

Edges=84

Values:

[1.88196326e-06,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 3.76392653e-06,

       3.84575102e-06, 0.00000000e+00, 3.76392653e-06, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 5.64588979e-06, 0.00000000e+00,

       7.52785306e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       1.69376694e-05, 3.76392653e-06, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 5.64588979e-06, 0.00000000e+00, 0.00000000e+00,

       1.88196326e-06, 0.00000000e+00, 7.52785306e-06, 0.00000000e+00,

       5.64588979e-06, 5.64588979e-06, 0.00000000e+00, 3.76392653e-06,

       0.00000000e+00, 1.88196326e-06, 7.52785306e-06, 7.52785306e-06,

       3.76392653e-06, 0.00000000e+00, 7.52785306e-06, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 5.64588979e-06, 3.76392653e-06, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 1.88196326e-06,

       5.64588979e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       7.52785306e-06, 0.00000000e+00, 1.88196326e-06, 0.00000000e+00,

       9.90506981e-08, 0.00000000e+00, 1.88196326e-06, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00]

**Graph 5:**

Nodes=43

Edges=60

Values

[8.18048202e-05, 0.00000000e+00, 4.20670687e-06, 0.00000000e+00,

       2.71437383e-05, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 2.13036105e-06, 1.06518053e-06, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 1.54971523e-05, 1.06518053e-06,

       2.13036105e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 8.45878654e-07, 0.00000000e+00, 0.00000000e+00,

       0.00000000e+00, 1.06518053e-06, 0.00000000e+00, 0.00000000e+00,

        2.64674675e-05,2.13036105e-06,7.58157904e-06, 0.00000000e+00, ]

**Graph 6:**

Nodes=68

Edges=80

Values:

[3.79939210e-06, 0.00000000e+00, 2.53292806e-06, 6.33232016e-07,

2.53292806e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 2.53292806e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 1.89969605e-06, 0.00000000e+00, 1.26646403e-06,

0.00000000e+00, 0.00000000e+00, 1.15391877e-05, 6.33232016e-07,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

6.33232016e-07, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 2.53292806e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 6.33232016e-07, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 7.27044167e-07, 6.33232016e-07, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 8.44309355e-06,

0.00000000e+00, 2.53292806e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 5.06585613e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

5.69908815e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 6.33232016e-07,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00]

**Graph 7:**

Nodes=50

Edges=50

Values:

[1.72747374e-05, 1.30924326e-05, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 6.54621629e-06, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 6.54621629e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 6.54621629e-06,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

3.27310814e-06, 0.00000000e+00, 3.27310814e-06, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 1.63655407e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 6.54621629e-06,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00]

**Graph 8:**

Nodes=55

Edges=80

Values:

[3.37716024e-05, 1.76294294e-05, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 5.87647646e-06, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 2.07075837e-05, 8.34832768e-06,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

1.37117784e-05, 2.35059059e-05, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 5.87647646e-06, 1.56706039e-05,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

1.95882549e-06, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

2.35059059e-05, 1.20794238e-05, 3.33000333e-05, 0.00000000e+00,

0.00000000e+00, 5.87647646e-06, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 7.83530195e-06, 3.07815434e-06,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

1.76294294e-05, 3.43744194e-05, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 1.88403397e-05, 3.91765098e-06, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00]

**Graph 9:**

Nodes=68

Edges=85

Values:

[0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 2.31835675e-06,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

1.85468540e-05, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

2.31835675e-06, 1.85468540e-05, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 9.27342699e-06, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 1.62284972e-05,

0.00000000e+00, 0.00000000e+00, 2.39195538e-06, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 4.63671350e-06,

4.63671350e-06, 2.78202810e-05, 0.00000000e+00, 0.00000000e+00,

0.00000000e+00, 9.27342699e-06, 1.77740684e-05, 0.00000000e+00,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00,

1.03896728e-05, 9.27342699e-06, 0.00000000e+00, 0.00000000e+00,

1.08189982e-05, 1.77740684e-05, 0.00000000e+00, 6.95507025e-06,

0.00000000e+00, 0.00000000e+00, 3.24569945e-05, 2.31835675e-06,

0.00000000e+00, 9.27342699e-06, 0.00000000e+00, 2.78202810e-05,

0.00000000e+00, 2.08652107e-05, 2.78202810e-05, 1.27080296e-05,

0.00000000e+00, 0.00000000e+00, 0.00000000e+00, 0.00000000e+00]