Social networks

Network. Vk.

Chudakova Lena

Network Summary

Node size=8633
Node order=578
Diameter=10
Connected components=39
Average path length=2.7
Average degree=14
Clustering coefficient=0.49
Node attributes:{first name,
         last name,
         city,
         sex,
         university name,
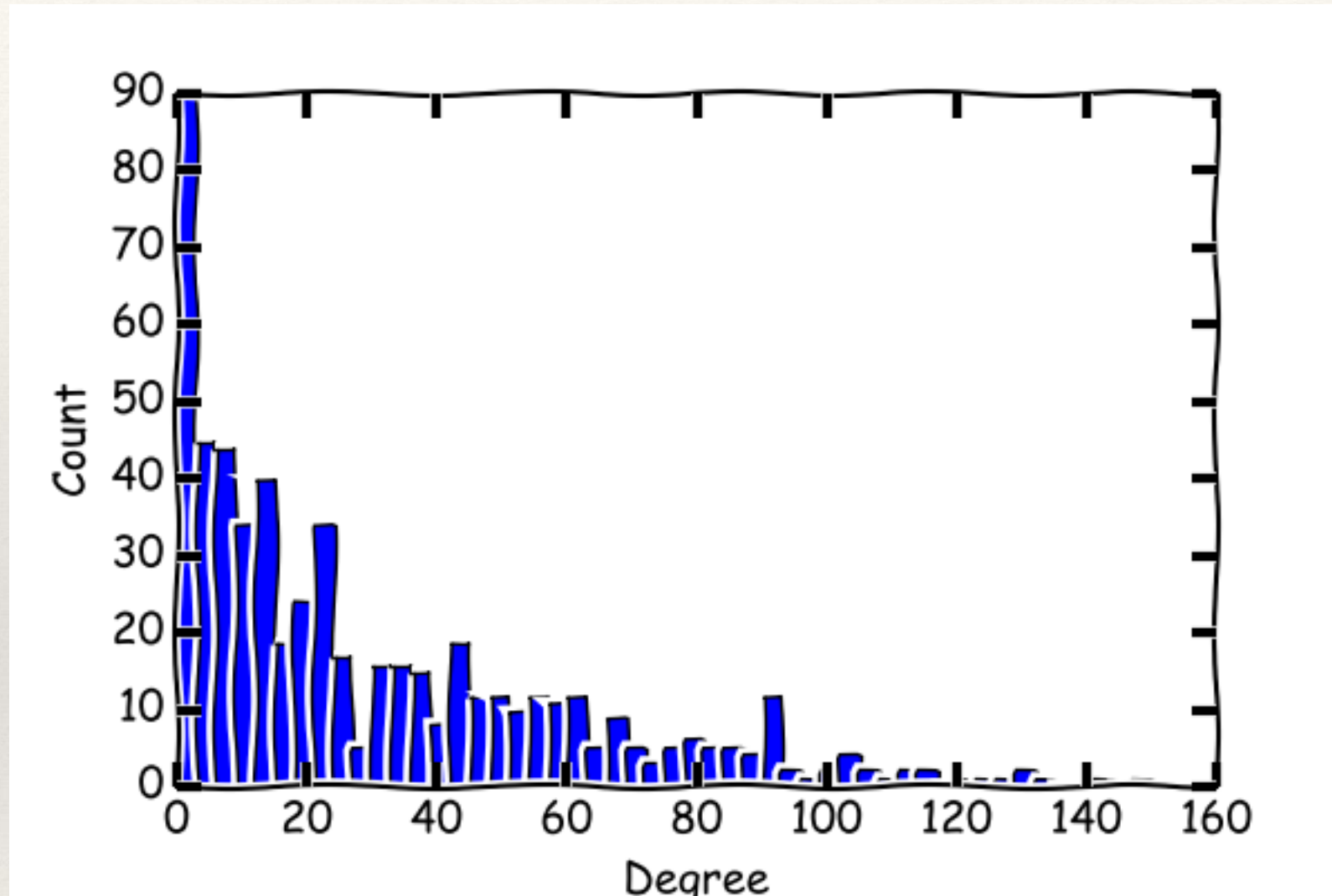   faculty name}

Top nodes

 — Friends from school

 — School teacher
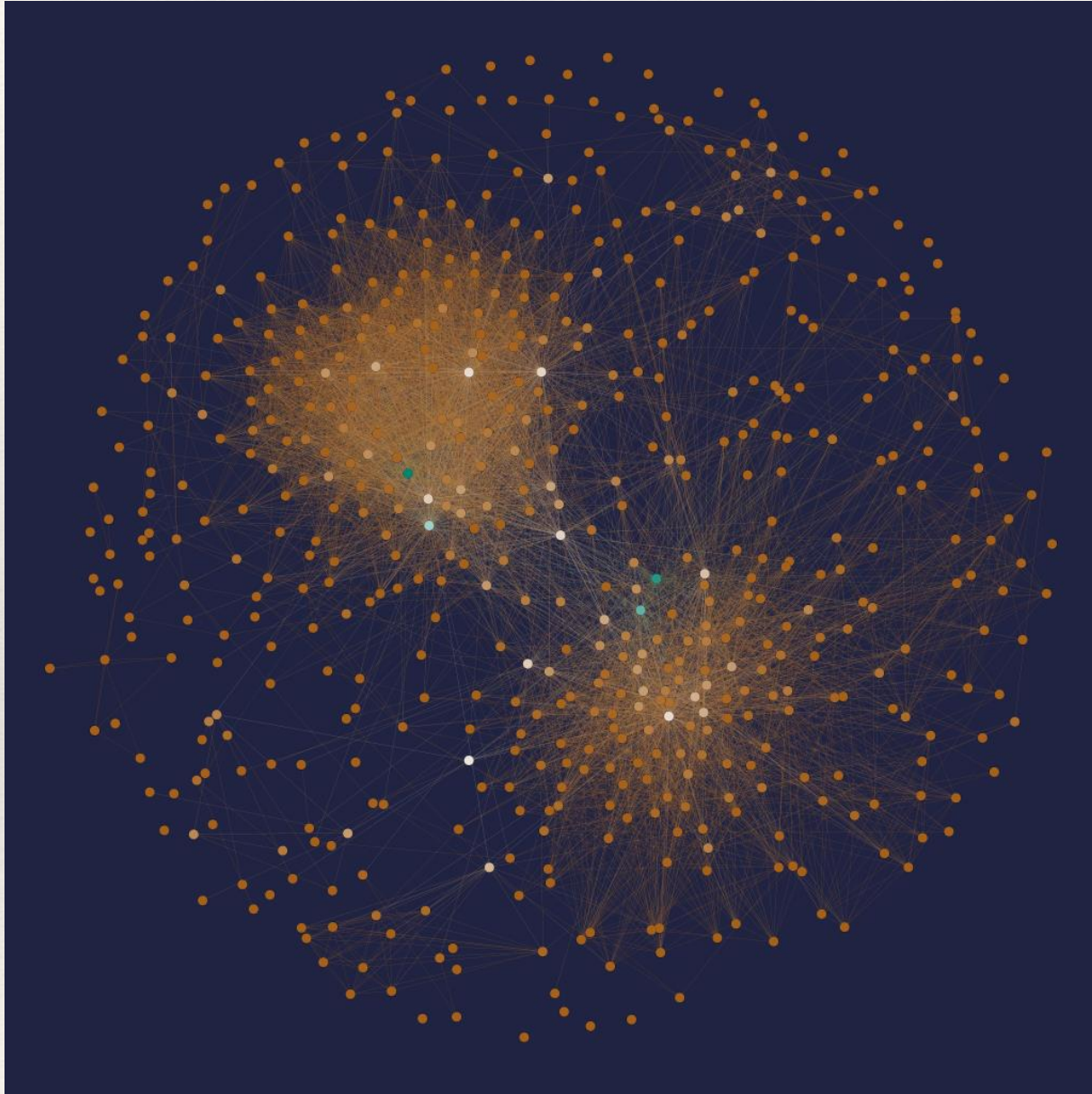
Degree distribution
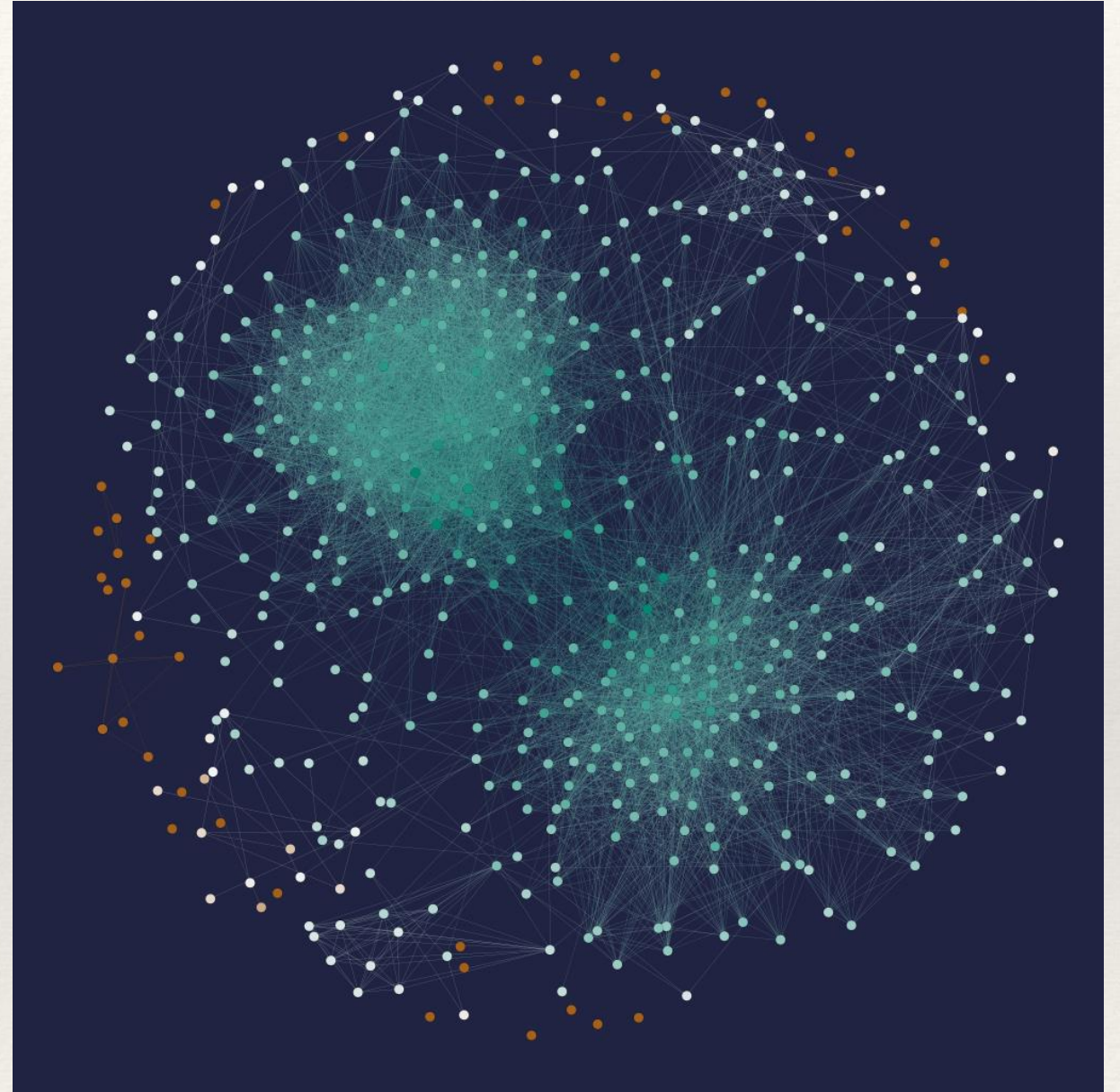

Far from pure power-law, high variance

Structural analysis

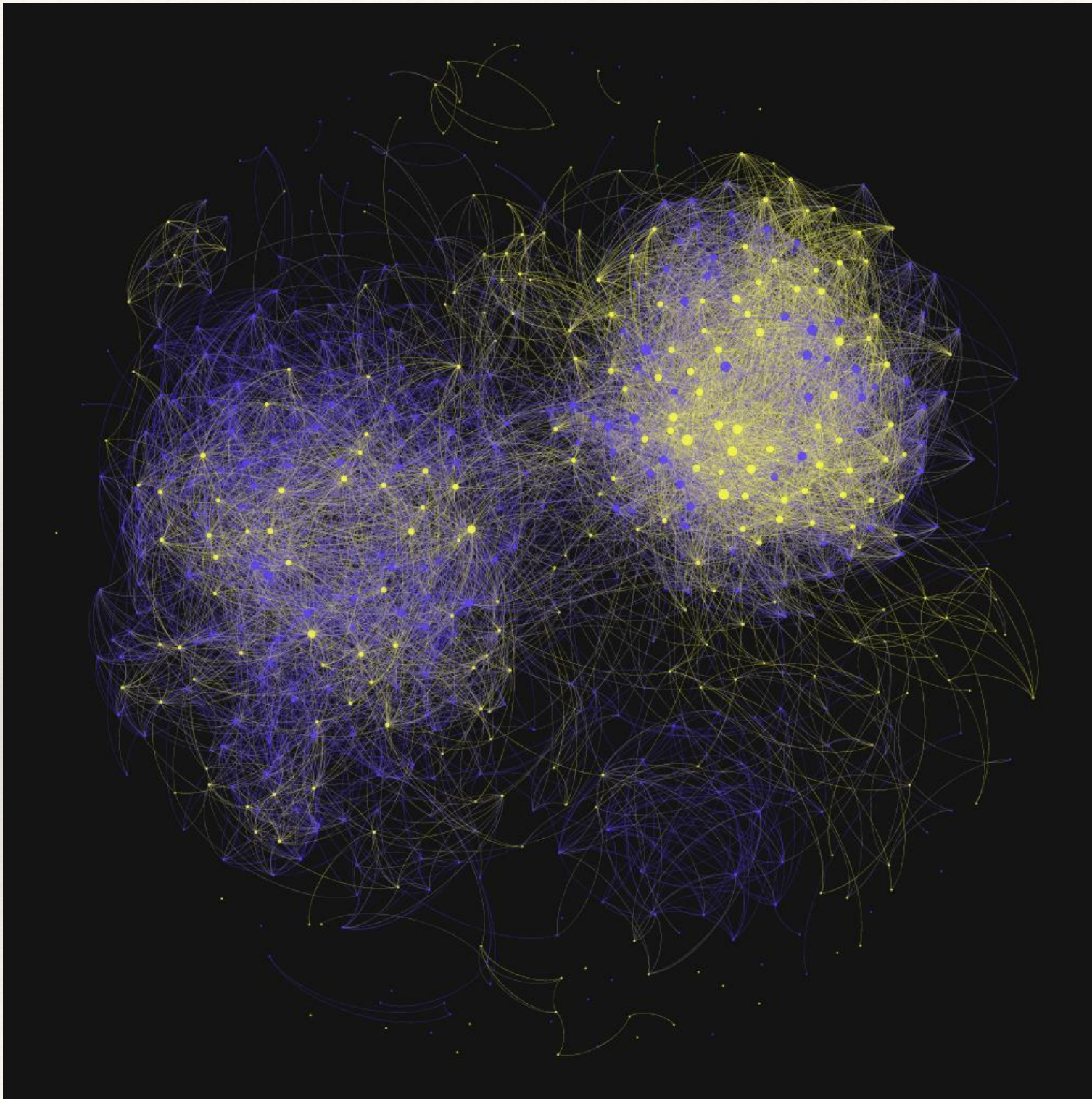Betweenness centralities

Closeness centralities

Structural analysis

Page rank

Assortativity

'Sex'

Degree assortativity coef= 0.246

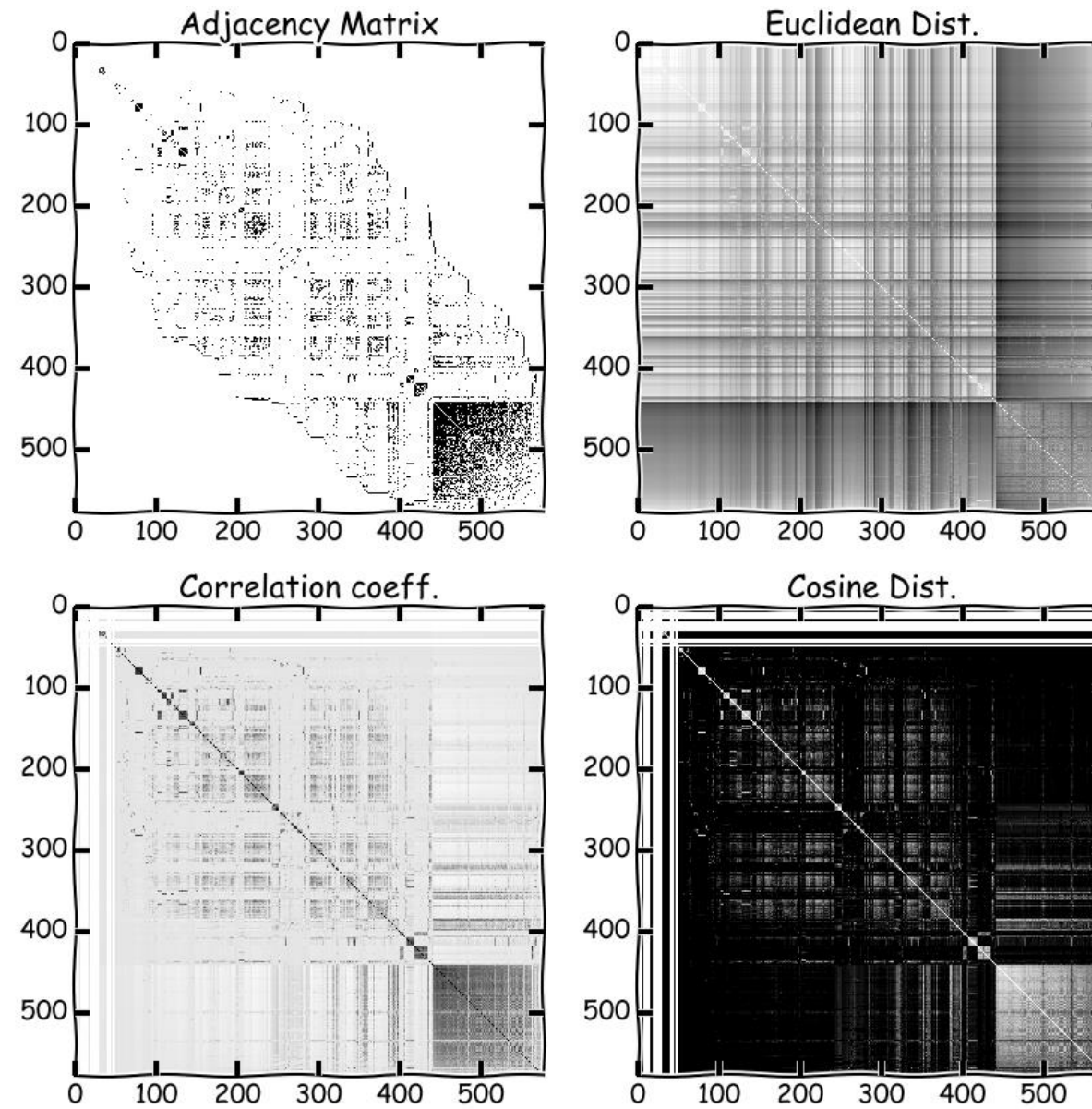Assortativity coefficients
for different attributes
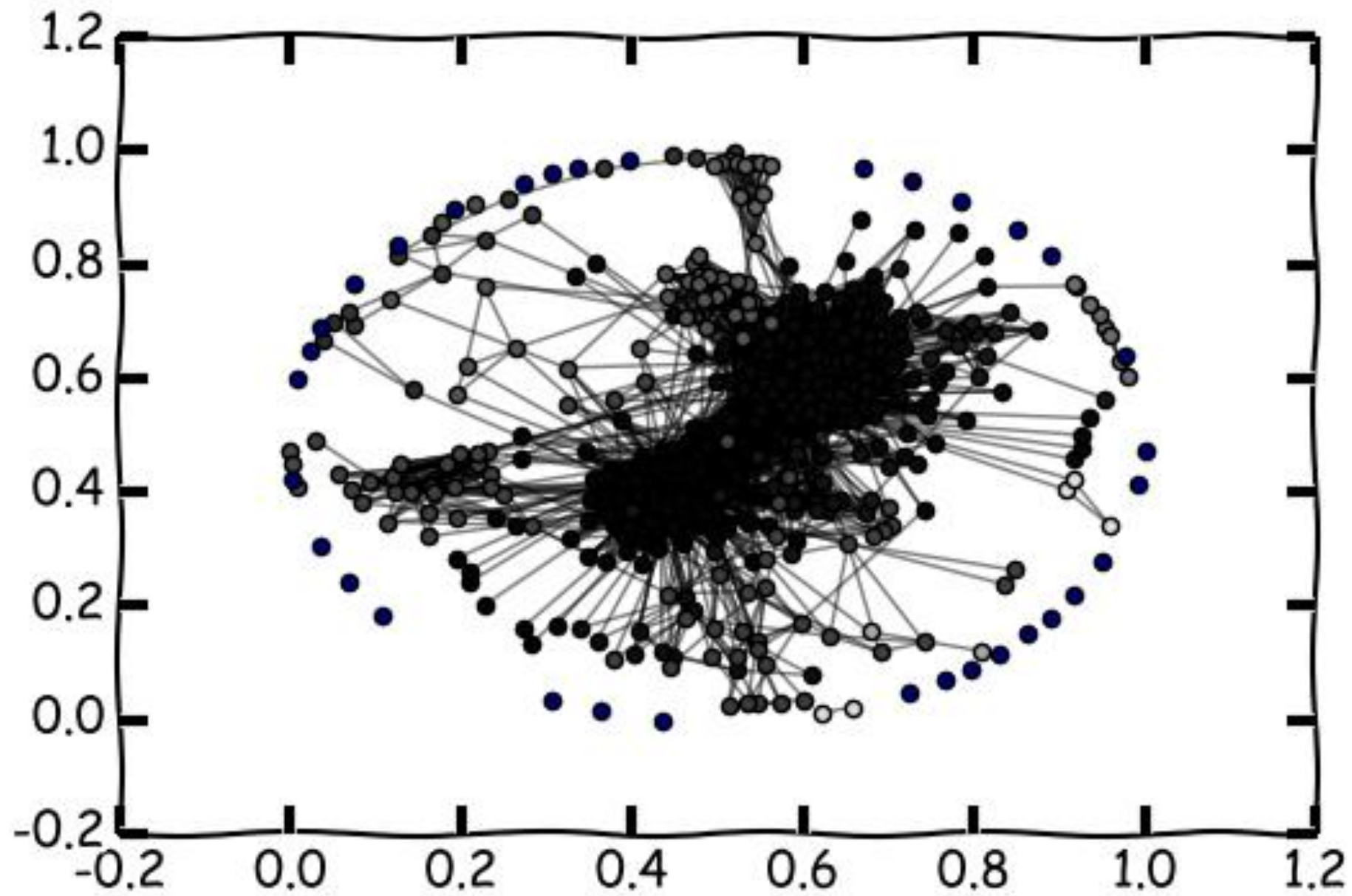
'city'=0.013
'university'=0.107
'faculty'=0.148
'sex'=0.066

Node structural similarity

Community detection

module community