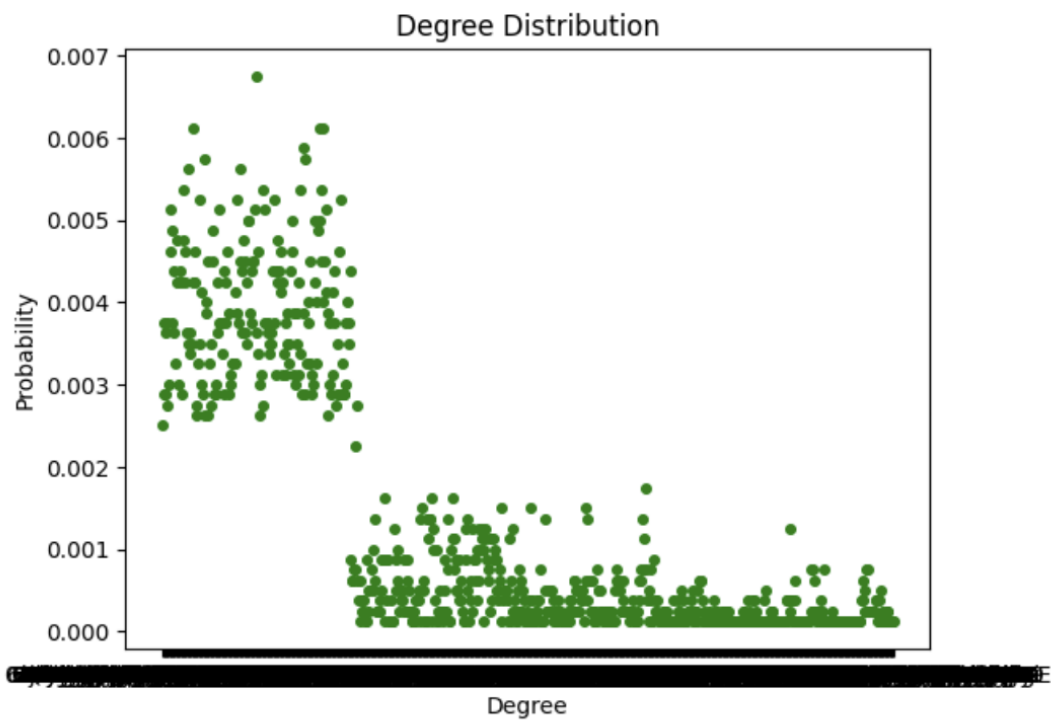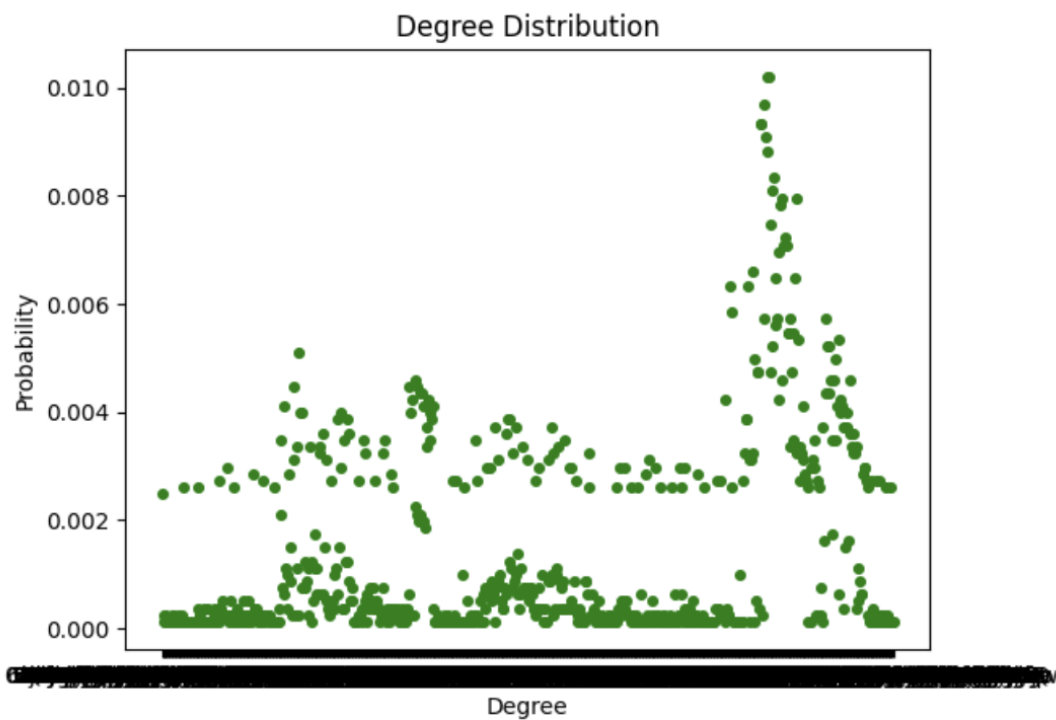1. (1.5 points) Comment on the results obtained in Exercise 4 (include the results obtained in Exercise 4 in the report):

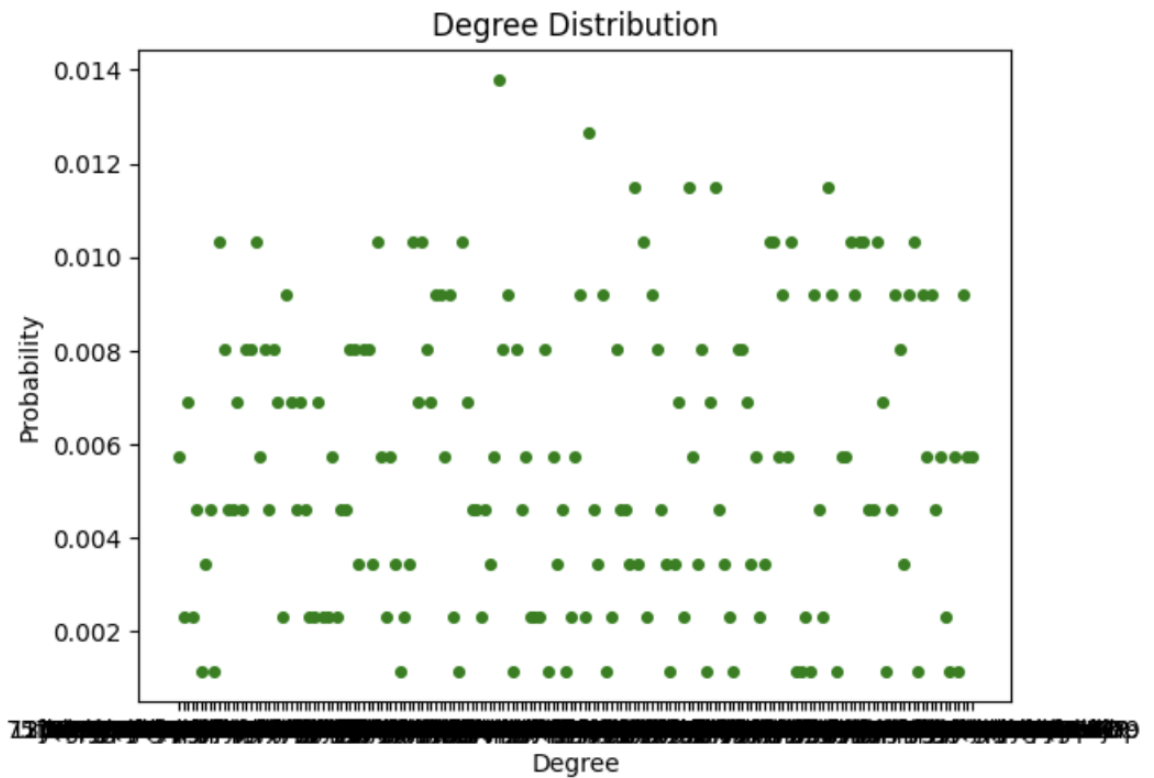(a) What are the degree distributions of the three obtained undirected graphs like?

Degree distribution of gB:

Degree distribution of gD:

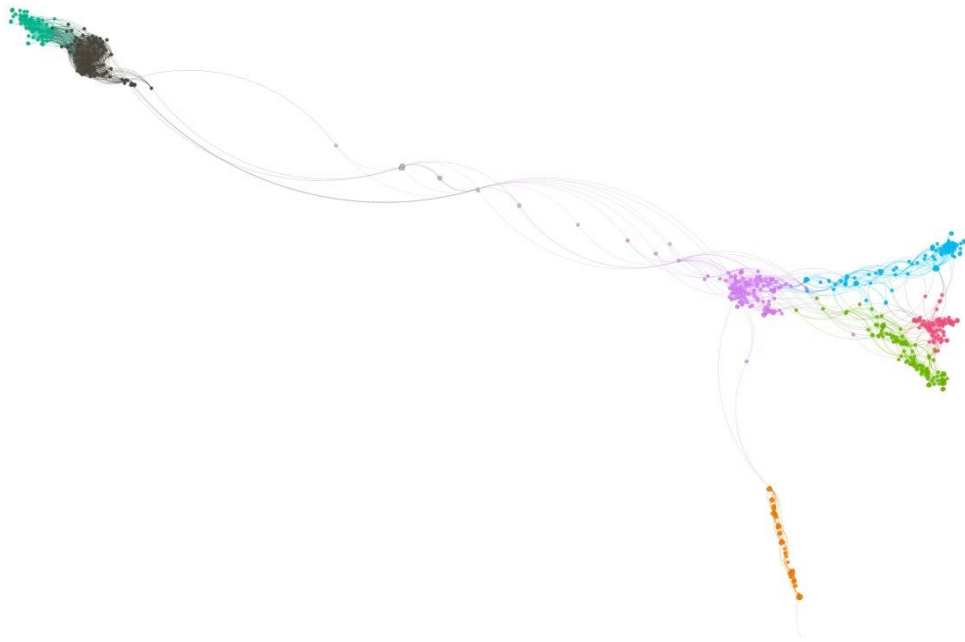Degree distribution of gwB:

Degree Distribution

(b) Are the two selected artists similar based on their audio features? Comment on the comparison regarding the relationships between artists provided by Spotify (graphs gB and gD).
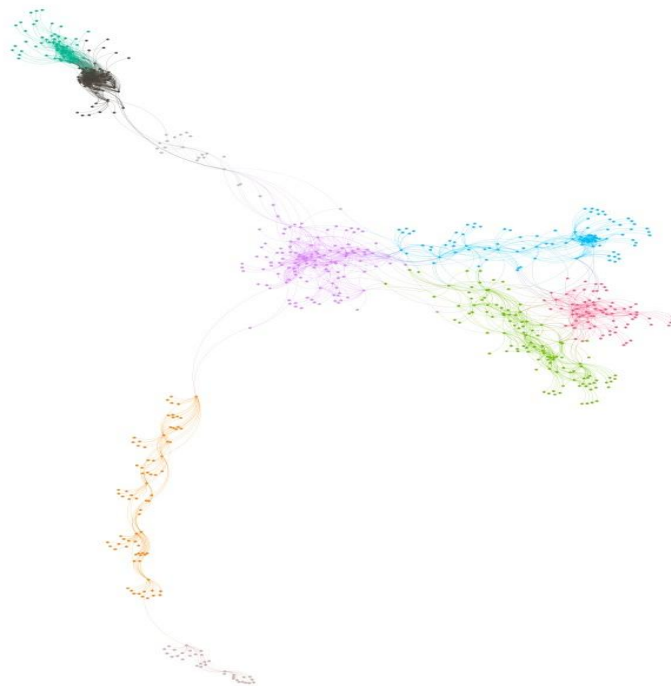
(c) What can you infer from the similarity heatmap regarding the algorithm that selects related artists on Spotify?

2. (1.5 points) Comment on the visualizations generated with Gephi.
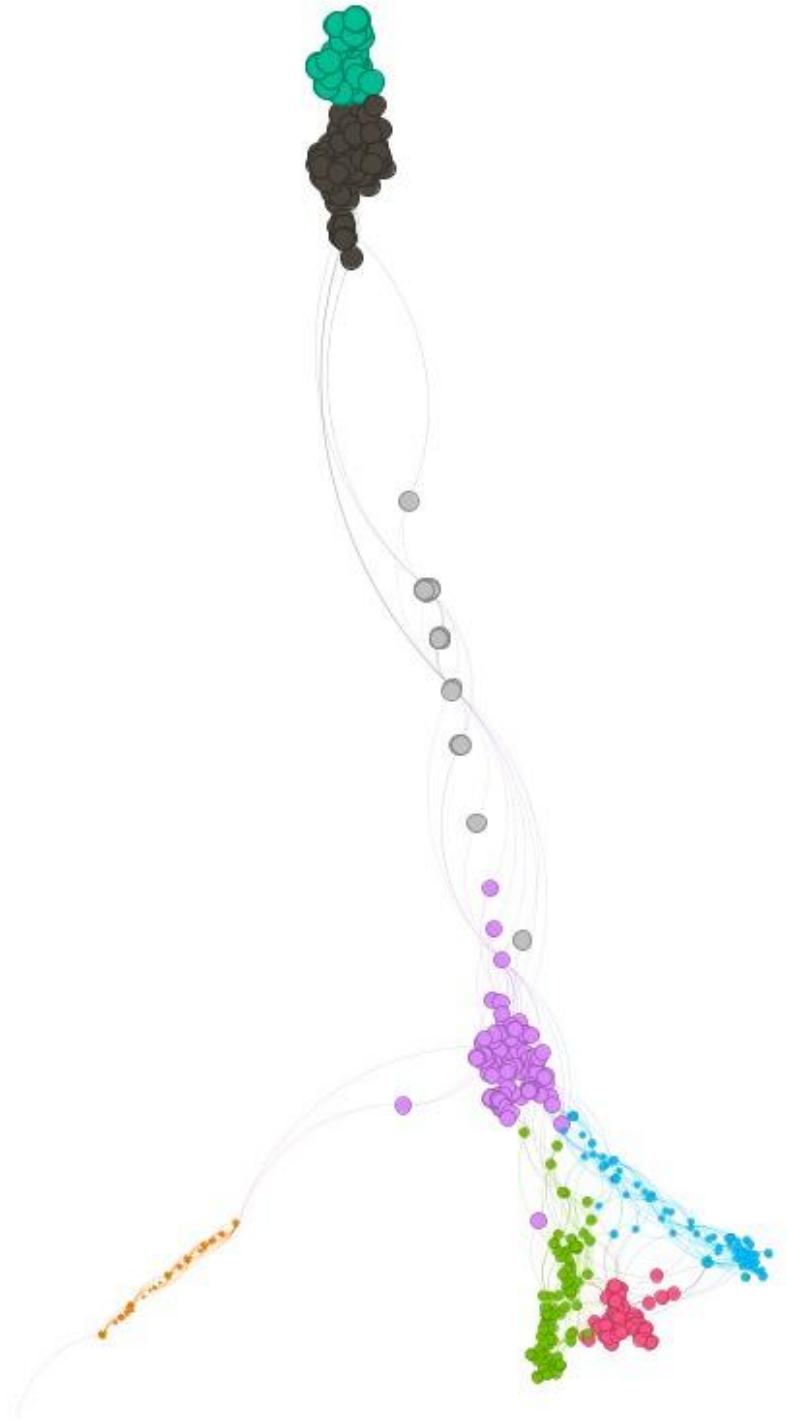
gB:

gD:

gD with weighted nodes:

- Compare graphs gB and gD. What can you say about their properties? ^

  Even if they might look similar the gD is Sparser and different communities look closer.

- Can you identify common characteristics among artists belonging to the same community? Could you label the different communities?