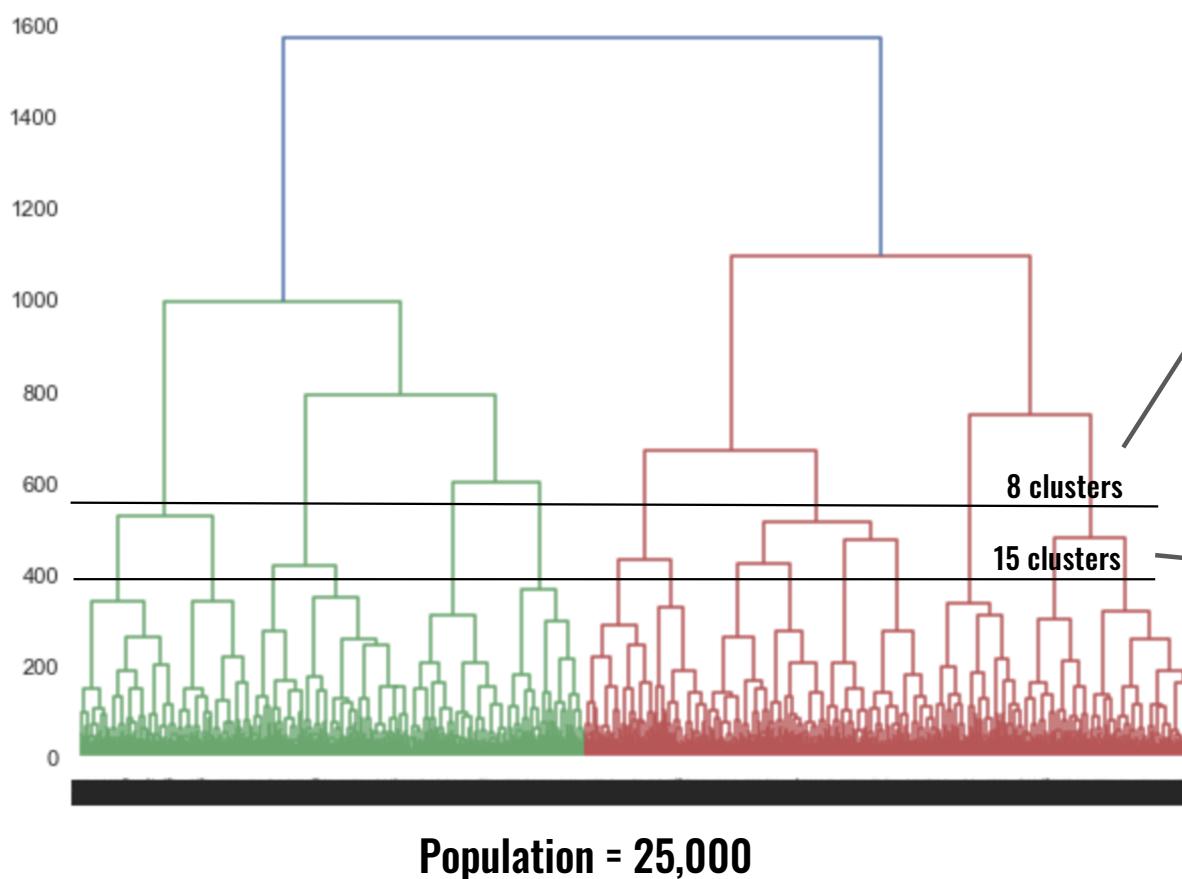
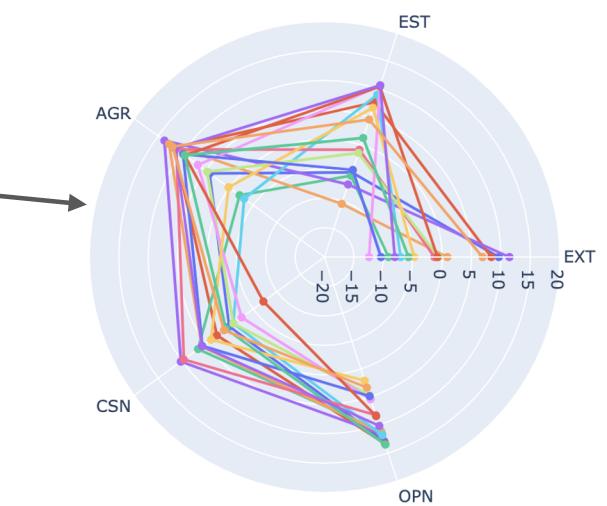
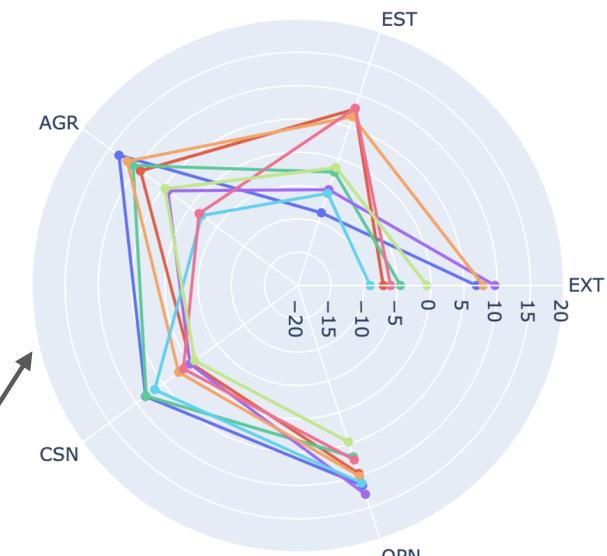


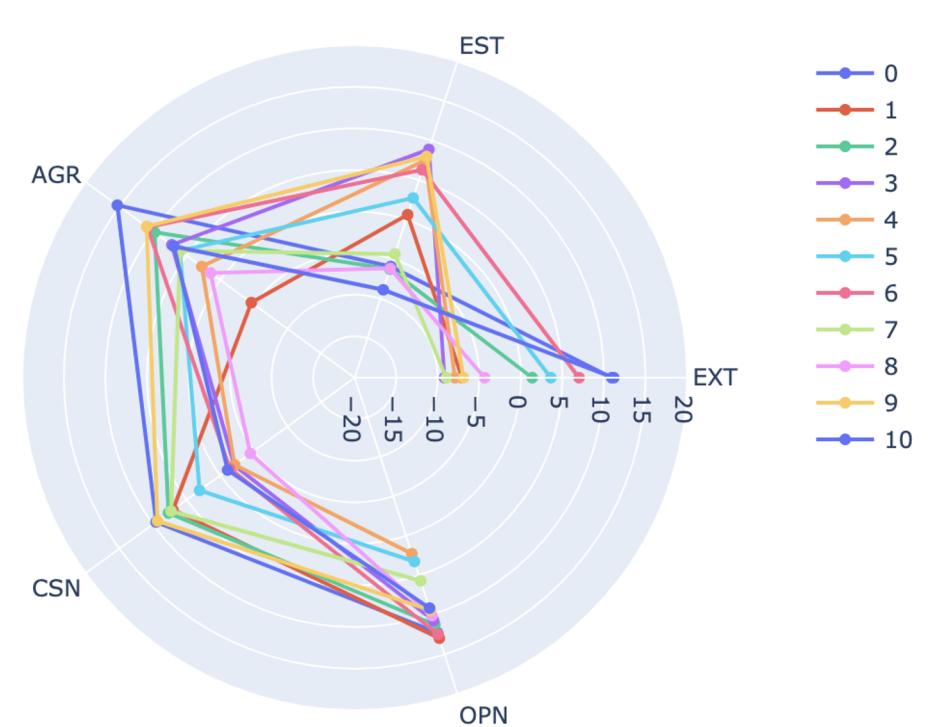
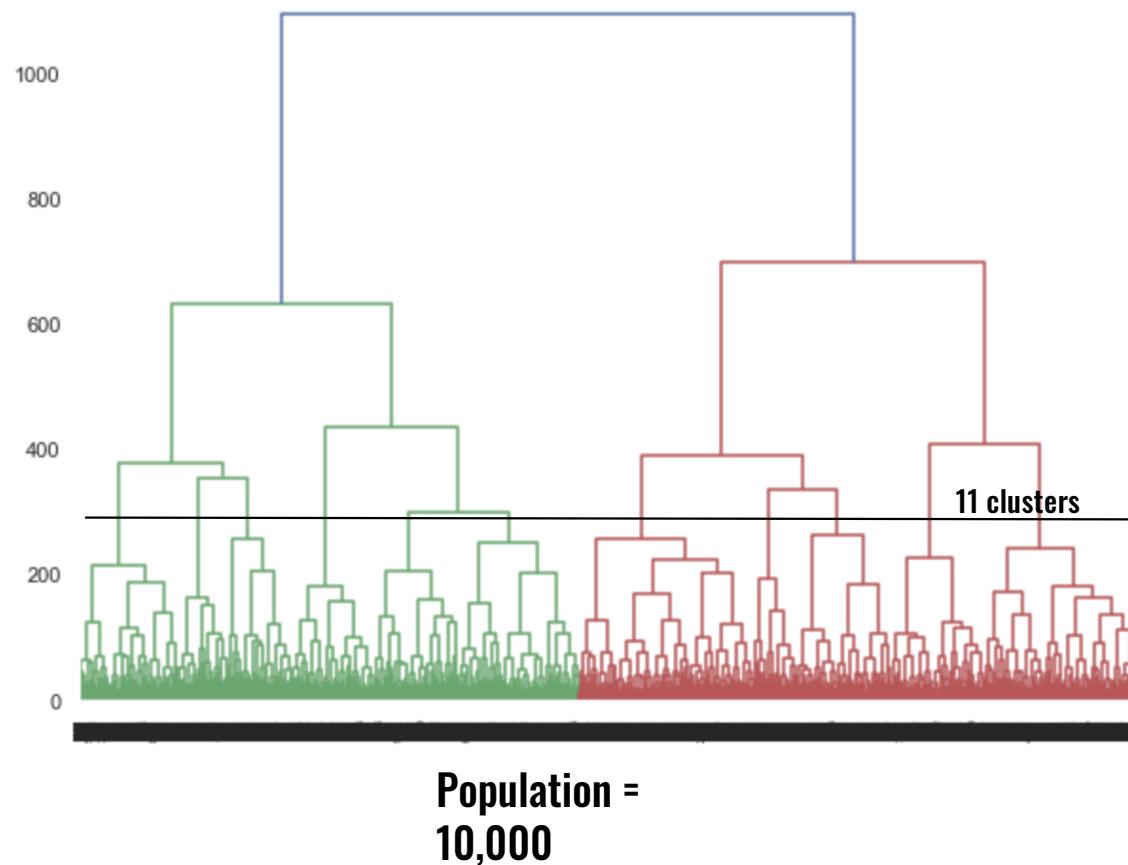
HIERARCHICAL CLUSTERING (agglomerative)



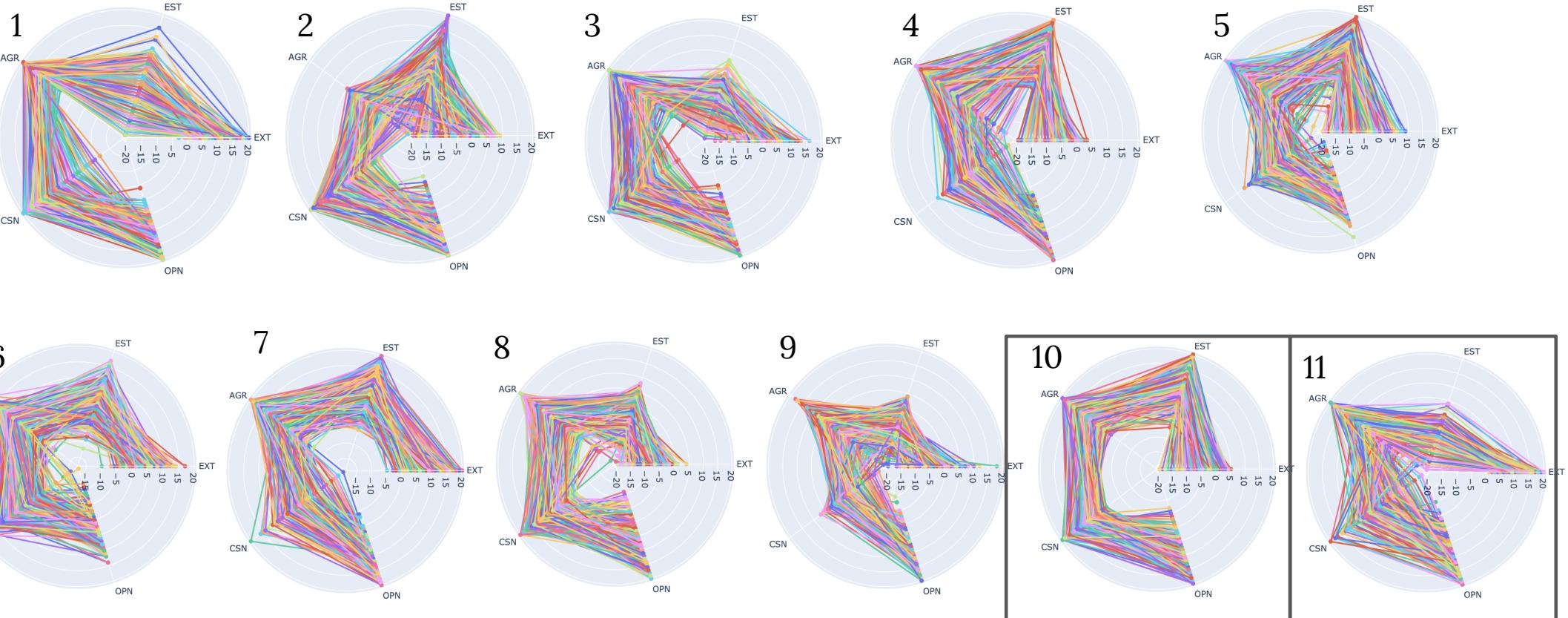
Visualising the clusters:



HIERARCHICAL CLUSTERING



VISUALISING EACH CLUSTER

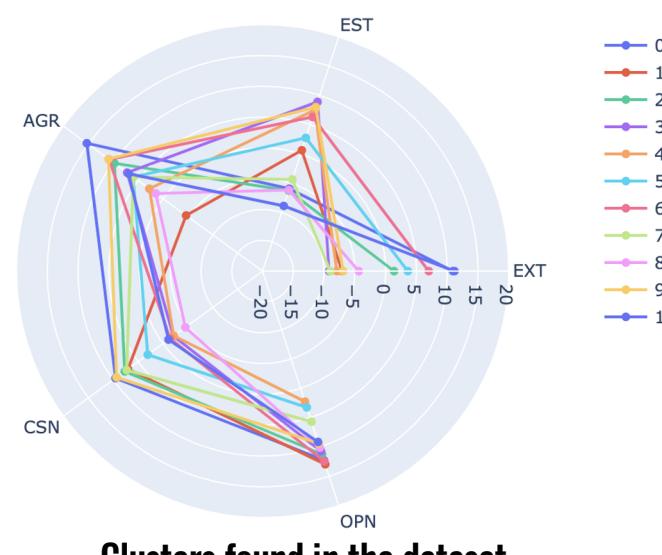
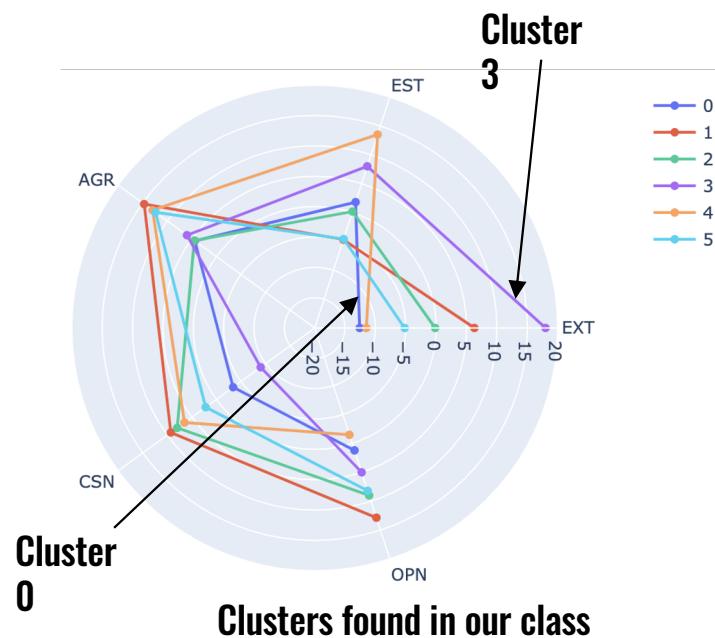


Best clustering method: Hierarchical Clustering

- **More informative,**
- **Easier to understand and perform, and**
- **Although it involves arbitrary decisions, this form of clustering seems to work well on our dataset because the data types are all numerical.**
- **Hierarchical clustering is also more flexible.**
 - **No need to select number of clusters beforehand.**
- **Although K-Means and DBSCAN can work well on very large data sets, their clusters formed are not very helpful in understanding the different clusters of personalities.**

Outcome of the project

- Applied hierarchical clusters as the clusters formed were more robust
- We found similarities between clusters in the data we collected and data from Open Psychometrics



Cluster 0 similar to Cluster 8
Cluster 1 similar to Cluster 0
Cluster 2 similar to Cluster 5
Cluster 3 similar to Cluster 6
Cluster 4 similar to Cluster 9
Cluster 5 similar to Cluster 2