

## **02.210TS Who Gets Ahead? Sociology of Social Networks and Social Capital**

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### **Exploring Homophily in Freshmen**

#### **Summary**

Socio-centric networks form the basis of our hypothesis. They create common goals in students and foster homophilous connections, thus helping them to survive other structural challenges through mutuality. Based on these concepts, we hypothesize that a large group of people would choose to group together across terms for projects. However, from the data collected on retention rates between 3.007 and 10.009 we can see that the retention rates are much lower than expected. Using the method of graph edit distance, we aim to analyze the reasons for this lower than expected retention rate with the data collected on groups between these two freshmen modules for the class of 2022.

#### **Team Contribution**

Team Member	Azfar	Benjamin	Chavi	James
Contribution	Storyboarding for video and coming up notable points to present  Poster participation  Video participation - Introduction and hypothesis	Storyboarding for video and coming up notable points to present  Poster participation  Video participation - Results analysis	Poster lead  Assisted in summarizing our content for video and poster  Video participation - Results analysis	Data Collection  Poster Participation  Video Editor  Video participation - Data Collection

Video Link: [https://www.youtube.com/watch?v=h\\_IXEnitUAQ](https://www.youtube.com/watch?v=h_IXEnitUAQ)

Poster Link: Attached in email

## References

Cheung C., Chiu P., Lee. M. (2010). *Online Social Networks: Why do students use facebook?* Computers in Human Behavior, 27(4), 1337-1343. Retrieved from:

<https://doi.org/10.1016/j.chb.2010.07.028>

Kadushin C. (2011). *Understanding Social Networks: Theories, Concepts, and Findings*. Oxford University Press.

McPherson M., Smith-Lovin L., Cook J. (2001). *Birds of a Feather: Homophily in Social Networks*. Annual Review of Sociology 2001 27:1, 415-444. Retrieved 24 February, 2022, from: <https://doi.org/10.1146/annurev.soc.27.1.415>