

# Popularity and Student Networks

## Trade-offs in Resolving Social Isolation through Deskmate Assignments

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October 4, 2024

### Abstract

Social connections matter for educational outcomes, non-cognitive skills and long run labour market returns. Using a sample of 12,842 students from India, we first show that relatively isolated students face a host of socio-emotional and academic disadvantages. We then implement a two-tier randomized deskmate matching intervention based on popularity to improve the outcomes of these isolated students. Results from the two-tier experiment reveal an interesting trade-off. Within the classroom, matching isolated students with each other improves their social connections with the rest of the class, interactions with teachers and social / non-cognitive skills. However, across classrooms, matching a majority of isolated students to most popular peers as deskmates improves their social integration with no change in social and non-cognitive skills. Our findings suggest that optimal matching plans need to account for both direct and group level effects which may produce equity-efficiency trade-offs.

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I am deeply indebted to Sandra Black, Cristian Pop-Eleches, Miguel Urquiola, Alex Eble and Sebastian Otero for their invaluable support and guidance. This paper would not have been possible without the dedication and hardwork of the implementation and research team under Aawaaz Education Services. I am particularly grateful to Tarang Tripathi (who is a co-lead on the project which this paper is a part of), Chandraditya Raj, Udaylok Bangabash, Chandra Shekhar Bhargava and Smriti Raj Sharma. This paper greatly benefitted from discussions with Shivangi Bishnoi, Jonah Rockoff, Daniel Bjorkegren, Ebonya Washington, Tatiana Mocanu, Bernard Salanie, Akanksha Vardani, Tushar Kundu, Cesar Barilla, Utkarsh Kumar, Parijat Lal, Fabiola Alba-Vivar, Saloni Gupta, Arsalan Ali, Kate Musen, Dashleen Kaur and several other participants of the Development, Labour and Public Finance, Applied Micro Theory and Experimental Economics seminars at Columbia University. I thank Aditya Shukla, Gina Nemade, Hanchen Li, Utkarsh Upadhyay, Himanshi Talwar, Kaushik Das and Aryan Singh for excellent research assistance and project management. I am thankful to the participating schools' principals, vice-principals and student administrators for seeing the implementation of the project through and providing us assistance whenever necessary. I acknowledge the financial assistance provided by Weiss Fund at University of Chicago, Center for Development and Economic Policy at Columbia University, Program for Economic Research at Columbia University and the Department of Economics, Columbia University.

The implementation team and the researcher maintained an anonymity policy to ensure no identifiable data is transferred to the researcher. Local IRB was filed with Monk Prayogshala, Protocol Number - MP IRB 117 023. Columbia IRB protocol number - IRB-AAAU7320. AEA Registry - AEARCTR-0012813.

Throughout the document, I address the findings of the project collectively to highlight the efforts of the research and implementation team who were instrumental in making the project a success. The merits of the project are equally shared with them. All errors and omissions are my own.