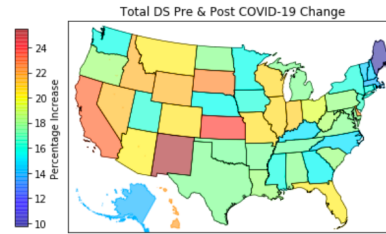


Research Question 1: How has Covid-19 impacted online private and public sharing propensity?



- Geo-based public sharing ↓; private sharing substantially ↑ on Snapchat
- This suggests social platform use as a **compensatory means of communication** during distancing

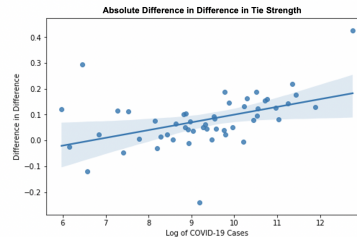
Research Question 2: How has Covid-19 influenced homophily in online communications between users?

Direct Communication Pre & Post COVID-19 Absolute Change

Correspondent Age Group	13-17	18-20	21-24	25-34	35-plus
35-plus	1.882	1.052	0.285	0.139	0.072
25-34	2.975	0.952	0.16	0.104	0.086
21-24	1.988	0.449	0.238	0.142	0.157
18-20	0.63	0.474	0.305	0.237	0.333
13-17	0.534	0.472	0.369	0.38	0.482

- Post-onset Covid-19 communications show ↓ in location/gender/age homophily
- This suggests an ↑ in communication heterophily and diversity, a "**bringing people together**" effect

Research Question 3: Are changes in online communication patterns correlated to the severity of offline Covid-19 impact?



- As Covid-19 cases ↑ in a state, people communicate with friends outside the state ↑; geo-based public sharing ↓
- This suggests higher case-severity likely corresponds to more **communication diversity** and less **willingness to share in public**

Online Communication Shifts in the Midst of the Covid-19 Pandemic: A Case Study on Snapchat

Qi Yang, Weinan Wang, Lucas Pierce, Rajan Vaish, Xiaolin Shi, Neil Shah