

# Team EU1

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QE-Data challenge 2021

# Dataset

## Research question

- What are the biggest concerns of students after COVID19?

The screenshot shows a New York Times article page. At the top right is the logo "The New York Times". Below it is an orange header bar. The article is categorized under "STUDENT OPINION". The title is "Are You Nervous About Returning to Normal Life?". The lead text reads: "After a year of living with new routines and [unclear] aspects of going back to prepandemic school [unclear] that concern you?". Below the text is a row of social media sharing icons: Facebook, WhatsApp, Twitter, Email, Share, Bookmark, and a comment bubble icon containing the number "323". At the bottom of the article is a partial image of a person's head with braided hair. On the right side of the page, there is a "Comments 323" section with a text input field containing "Share your thoughts." and a prompt: "Students, please share your thoughts with civility." Below this is a "Reader Picks" section with "All" selected. A comment by "Gavin B" from "St. Paul" dated "April 23" is visible, starting with "As a highschooler, I believe I am finally beginning to move on from this time since we have been a tough past year for many of us to be stuck inside and living that I have been very lucky to have been in school since August weeks off due to COVID. Oh it is finally time for a lot of relief and to finally begin to live normally is a relief, we need as we open up. We are not following a COVID schedule and living this way last March,"

Dataset  
scrapped from  
webpage  
automatically

Name	Location	Date	Comment
Jasinda Matamoros	Mesquite High School	20-Apr	Returning back to normal life is definitely scary for me. My life right now is my normal, I have already changed and altered my life. Just the thought of changing my normal basis again gives me anxiety. I do however need a change. I am ready to breath, sleep, and just be comfortable with our fellow humans. I'm tired of always being scared and just always tired in general.
Jacob Saju	Cary High	20-Apr	I am not really anxious about returning to my "normal life" before Covid, if it ever comes, since this pandemic hasn't really changed much from it. This pandemic put a restraint on many people; some liked it, and some didn't, but being nervous about returning and doing what you normally do makes no sense. Jzayla Sussmann said that being around students gave her a boost. She would do more work as a result; she is totally right, and I agree because having that environment which we are used to pulls that pre-pandemic you out and makes us a little less apprehensive. On the other hand, Jonathan Hirshon is an introvert and despises social interaction; he prefers Zoom and virtual interactions only. I don't see why someone would prefer online interactions, and not getting this in-person interaction really hurts you mentally and physically, even as an introvert myself. Returning to our "normal life" will definitely drain us because no one will be used to it since we all acquired new schedules, and some will still be paranoid in the

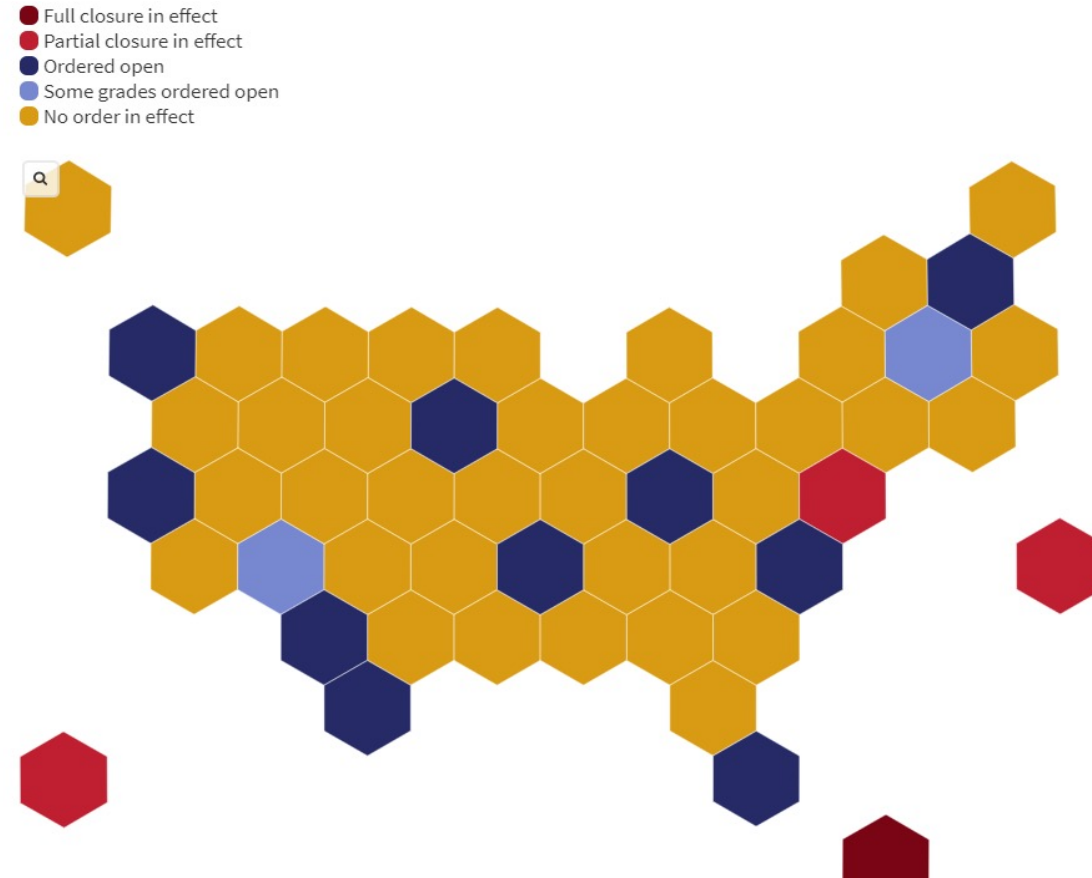
# Codebook

<b>CODE</b>	<b>EXPLANATIONS/DEFINITION</b>
<b>Medical</b>	“Concerns regarding impact of the pandemic to personnel health, preventive action taken, and medication or treatment.”
<b>Family</b>	“Concerns regarding impact of pandemic to other person at home or close relatives”
<b>Leisure</b>	“concerns regarding being able to catch up on or having time enough for aspects of leisure time such as playing, doing sports or other spare time activities“
<b>Social</b>	“concerns regarding how to re-adjust to socializing with friends or other relations after periods of seclusion”
<b>No fear/optimism</b>	“Text shows optimistic reactions. No concerns are portrayed.”
<b>Schooling</b>	“concerns regarding going back to school, class, teachers, getting grades and learning activities”

# Comparison Groups

- Location data mapped to states in United States.
- Location entries that could not be mapped to relevant states were dropped.
- Final dataset consists of 248 entries.
- Two comparison groups based on Education week post.
  - Ordered open
  - No order in effect

# Comparison Groups



Source: <https://www.edweek.org/leadership/map-where-are-schools-closed/2020/07>

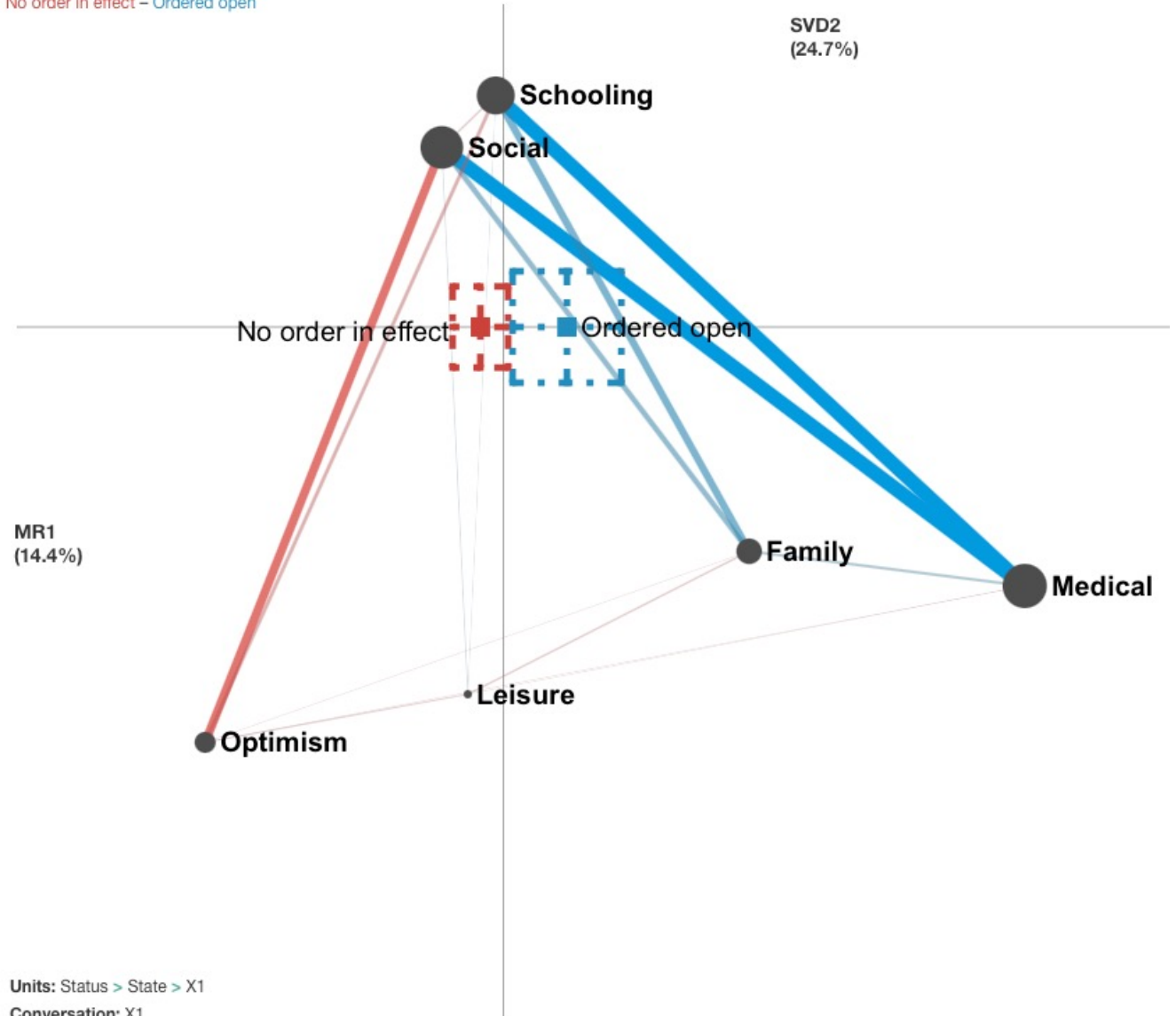
	No_group X	Name	Status	State	Location	Month	Date	Comment	Medical	Family	Leisure	Social	Optimism	Schooling
1	x	262 Anaiah Sin	No order in effect	CA	California	March	23. Mar	I'm nervous about things going back to normal	1	0	1	1	1	1
2	x	257 Anastasia	No order in effect	CA	Pasadena,CA	March	24. Mar	I don't think that the ambivalence of my feeling	0	0	0	1	0	1
3	x	265 Santino Ca	No order in effect	CA	San Jose, CA	March	23. Mar	I am not nervous about going back to normal l	0	0	0	1	1	1
4	x	167 Sebastian	No order in effect	CA	San Diego	March	24. Mar	If I am being completely honest I will feel the s	0	0	0	1	0	1
5	x	274 eric gomez	No order in effect	CA	san diego	March	23. Mar	I don't feel anxious at all as now the vaccines a	1	0	0	0	0	1
6	x	67 emily h	No order in effect	CT	connecticut	March	30. Mar	Returning to the normal life after over a year c	1	0	0	1	1	1
7	x	79 Zach	No order in effect	CT	Connecticut	March	26. Mar	At this moment in time, there is nothing I have	0	1	0	1	0	1
8	x	113 Matt	No order in effect	CT	Connecticut	March	25. Mar	I do not feel too concerned about nor anxious	0	0	0	0	0	0
9	x	136 Brooke	No order in effect	CT	Connecticut	March	25. Mar	I am nervous to return back to "normal life". E	0	0	0	1	0	1
10	x	144 Kristin	No order in effect	CT	Connecticut	March	25. Mar	Yes, I am terrified to go back to school in pers	1	1	1	1	0	1
11	x	145 Kylee	No order in effect	CT	Connecticut	March	25. Mar	I do not feel very anxious about resuming scho	0	0	1	1	0	1
12	x	148 Hannah	No order in effect	CT	Connecticut	March	25. Mar	Many people can't wait to go back to normal s	0	1	0	1	0	0
13	x	164 Sarah	No order in effect	CT	Connecticut	March	24. Mar	I am concerned about some aspects of returni	1	0	0	1	0	1
14	x	166 Nicholas	No order in effect	CT	Connecticut	March	24. Mar	My concerns about returning to normality afte	0	0	0	1	0	1
15	x	280 Josh	No order in effect	CT	Connecticut	March	23. Mar	Honestly? I'm very nervous to return to a "nor	0	1	1	0	0	1
16	x	281 Josh	No order in effect	CT	Connecticut	March	23. Mar	Yes, I'm incredibly nervous to return back to s	0	0	1	1	0	0
17	x	142 makena	No order in effect	CT	ledyard	March	25. Mar	Some pre-pandemic aspects of life are going to	0	1	0	1	0	0
18	x	143 Isaiah Smi	No order in effect	CT	Ledyard CT	March	25. Mar	Over the course of the pandemic I have becom	1	0	0	1	0	1

# Coded Dataset

# ENA Model

No order in effect - Ordered open

SVD2  
(24.7%)



MR1  
(14.4%)

No order in effect - Ordered open

Family

Medical

Leisure

Optimism

Schooling

Social

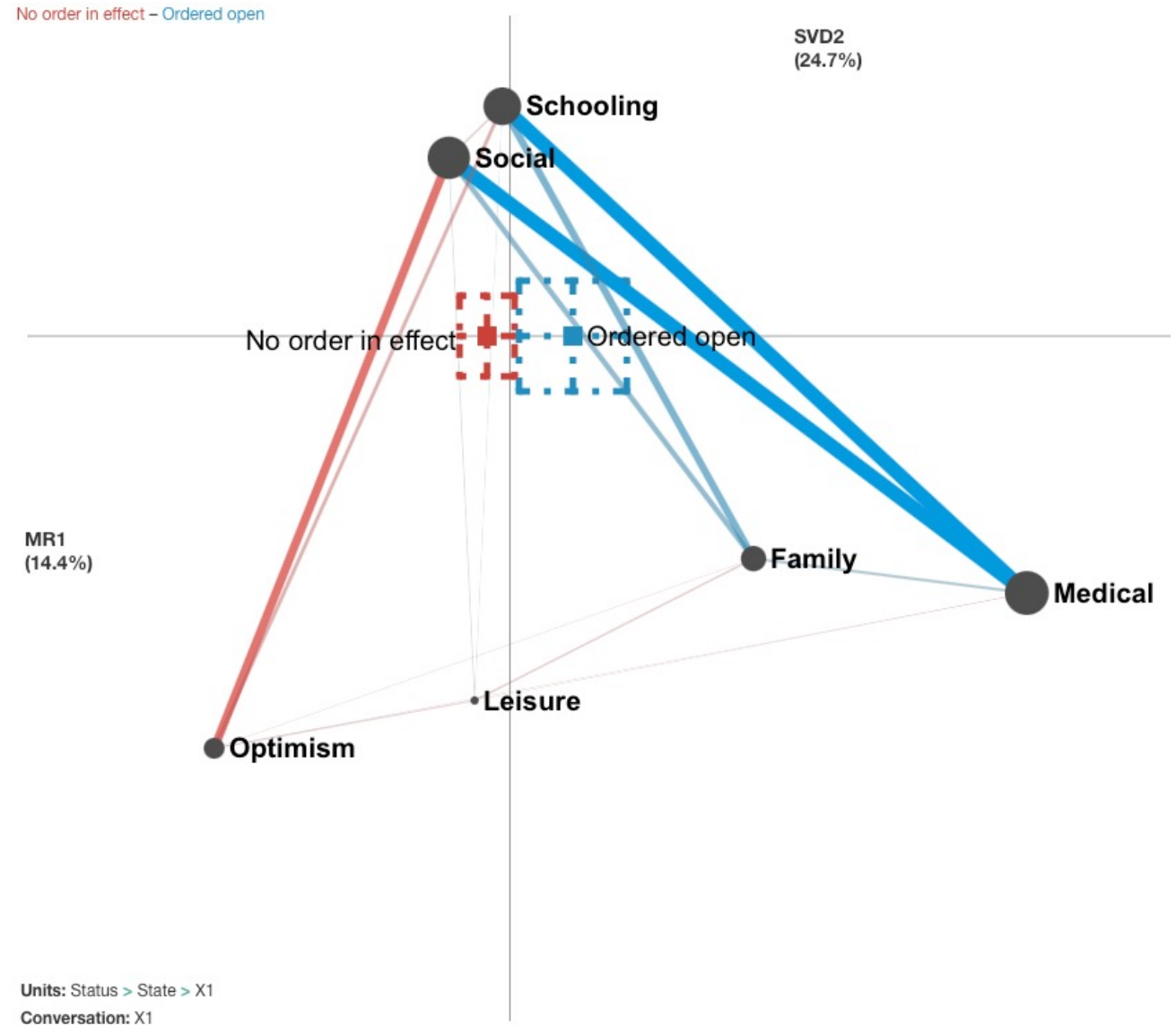
Units: Status > State > X1

Conversation: X1



# Key Points

- Statistically significant difference between two comparison groups: no order, ordered to open
- Coincidental discovery of comparison groups.
- Closeness of family and medical
- optimism and medical as opposites
- anxiety connected of getting back to school



# Discussions

- Better coding approaches
- Sentiment Analysis
- Include replies to form a threaded discussion

Thank You!

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