Code for 'Older Adults' Attitudes Toward Virtual Volunteering During the COVID-19 Pandemic'

Peter C. Sun

2021

Contents

5   Respondent Characteristics by School Districts   34

1 Descriptive Statistics

1.1 Table 2. Demographic Characteristics of Participants (N = 229)

```
##
##                                         Overall
##   n                                     229
##   Age (%)
##      < 50                                 8 ( 3.5)
##      51-60                               23 (10.0)
##      61-70                               78 (34.1)
##      71-80                              105 (45.9)
##      81-90                               13 ( 5.7)
##      91-100                               1 ( 0.4)
##      Don't know or prefer not to answer   1 ( 0.4)
##   Gender = Female (%)                    193 (84.3)
##   Race/Ethnicity (%)
##      Hispanic/Latino                      2 ( 0.9)
##      Black or African American           11 ( 4.8)
##      White                              211 (92.1)
##      Two or more races                    3 ( 1.3)
##      Don't know or prefer not to answer   2 ( 0.9)
##   Marital Status (%)
##      Divorced                            14 ( 6.1)
##      Married                            168 (73.4)
##      Single                              13 ( 5.7)
##      Widowed                             29 (12.7)
##      Don't know or prefer not to answer   5 ( 2.2)
##   Highest Level of Education (%)
##      High school                         16 ( 7.0)
##      Some college                        38 (16.6)
##      College degree                      95 (41.5)
##      Post-graduate                       80 (34.9)
##   Employment Status (%)
##      Not working/retired                203 (88.6)
##      Looking for work                     1 ( 0.4)
##      Working part time                   17 ( 7.4)
##      Working full time                    5 ( 2.2)
##      Don't know or prefer not to answer   3 ( 1.3)
##   Annual Household Income (%)
##      < $15,000                            1 ( 0.4)
##      $15,000 - $24,999                    5 ( 2.2)
##      $25,000 - $49,000                   27 (11.8)
##      $50,000 - $74,999                   43 (18.8)
##      > $75,000                           79 (34.5)
##      Don't know or prefer not to answer  74 (32.3)
```
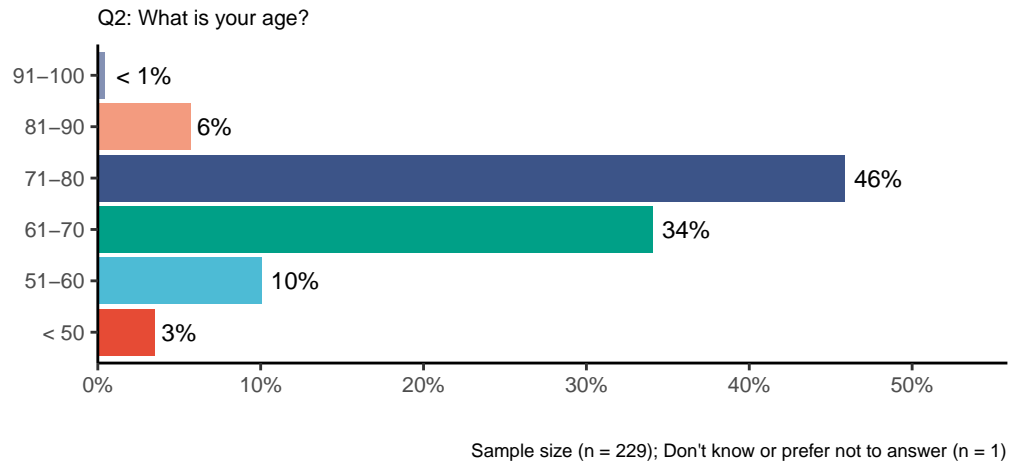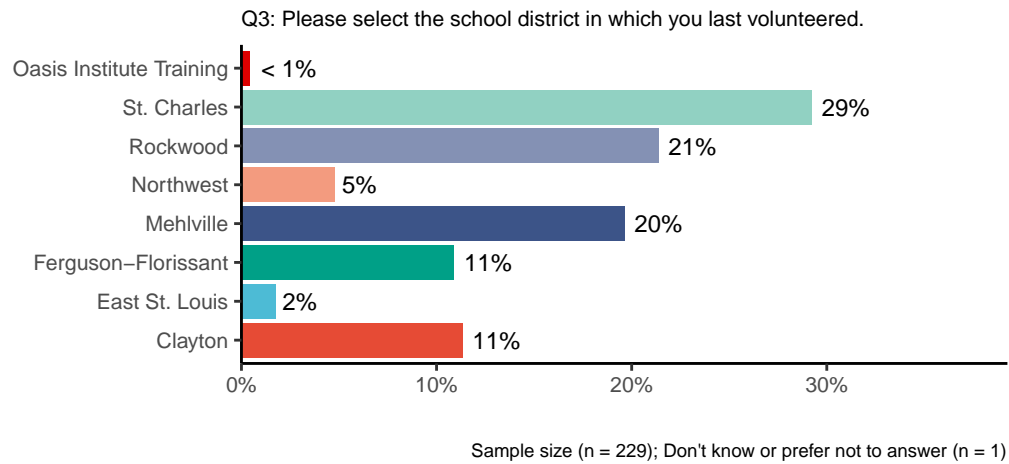
1.2 Demographics

1.2.1 Age

Q2: What is your age?

91–100	< 1%
81–90	6%
71–80	46%
61–70	34%
51–60	10%
< 50	3%

Sample size (n = 229); Don't know or prefer not to answer (n = 1)

1.2.2 School District of Last Oasis Volunteer Experience

Q3: Please select the school district in which you last volunteered.

Oasis Institute Training	< 1%
St. Charles	29%
Rockwood	21%
Northwest	5%
Mehlville	20%
Ferguson–Florissant	11%
East St. Louis	2%
Clayton	11%

Sample size (n = 229); Don't know or prefer not to answer (n = 1)

1.2.3 Gender

Q4: What is your gender?

Female	84%
Male	16%

Sample size (n = 229)

4

1.2.4 Ethnicity/Race

Q5: What is your ethnicity/race? (Please select all that apply.)

Ethnicity/Race	Percentage
Two or more races	1%
White	92%
Black or African American	5%
Hispanic/Latino	1%

Sample size (n = 229); Don't know or prefer not to answer (n = 2)

1.2.5 Marital Status

Q6: What is your marital status?

Marital Status	Percentage
Widowed	13%
Single	6%
Married	73%
Divorced	6%

Sample size (n = 229); Don't know or prefer not to answer (n = 5)

1.2.6 Education

Q7: What is the highest level of education you have completed?

Education	Percentage
Post–graduate	35%
College degree	41%
Some college	17%
High school	7%

Sample size (n = 229)

1.2.7   Employment Status

Q8: What is your employment status?

Category	Percentage
Working full time	2%
Working part time	7%
Looking for work	< 1%
Not working/retired	89%

Sample size (n = 229); Don't know or prefer not to answer (n = 3)

1.2.8   Annual Household Income

Q9: What is your annual household income?

Category	Percentage
> $75,000	34%
$50,000 – $74,999	19%
$25,000 – $49,000	12%
$15,000 – $24,999	2%
< $15,000	< 1%

Sample size (n = 229); Don't know or prefer not to answer (n = 74)

1.3 Technology

1.3.1 Use of Technology at Home

Q10: If you have used any of the following devices or services at your own home, how easy or difficult have they been to use?
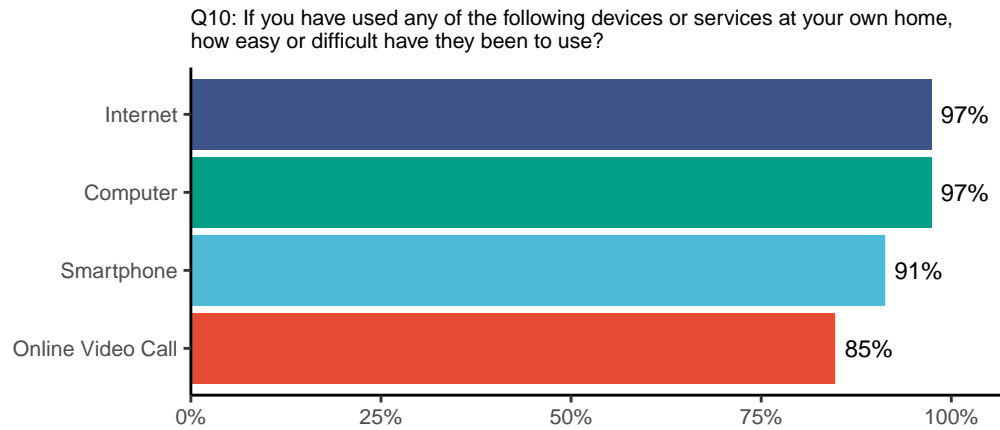
1.3.2 Ease of Technology Use

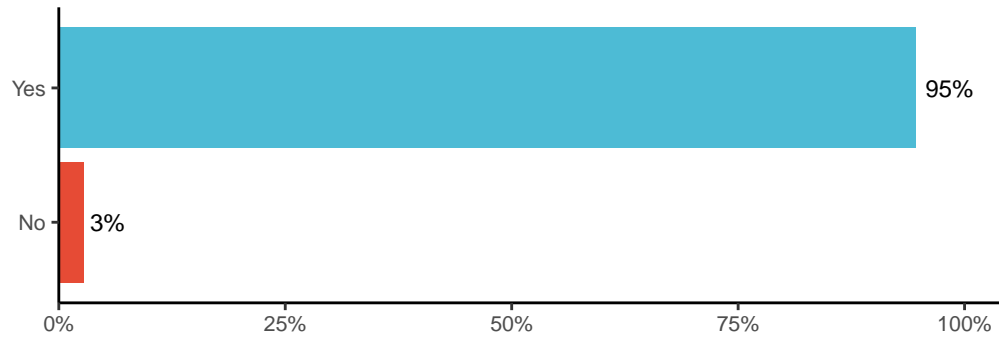Q10: If you have used any of the following devices or services at your own home, how easy or difficult have they been to use?
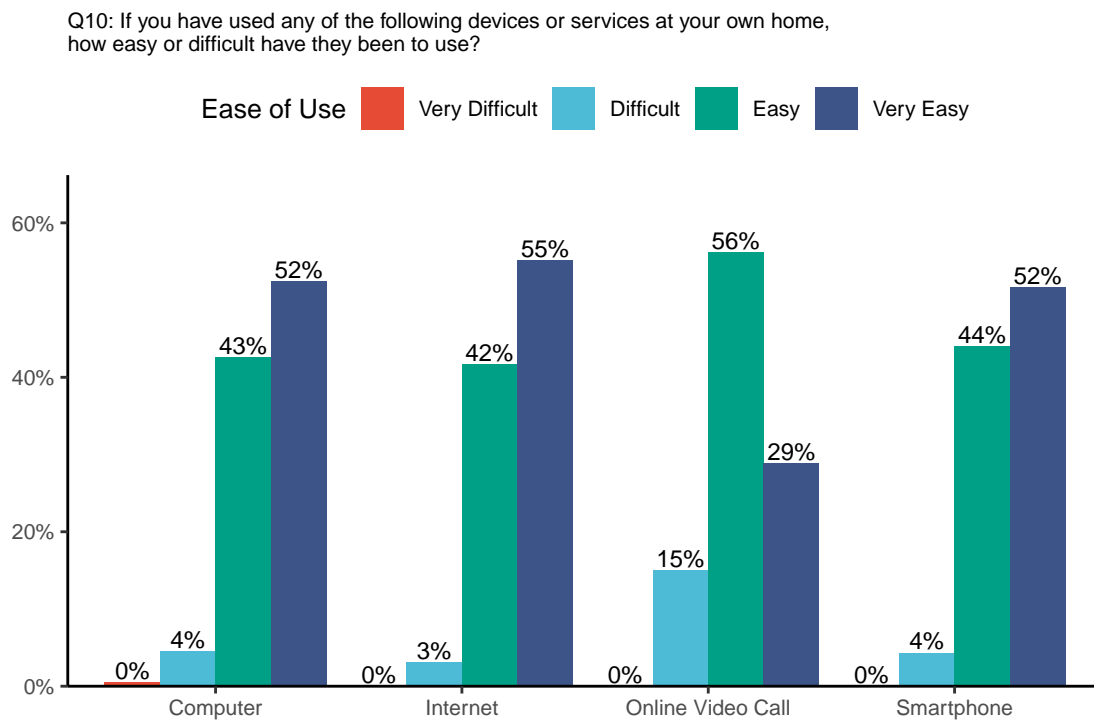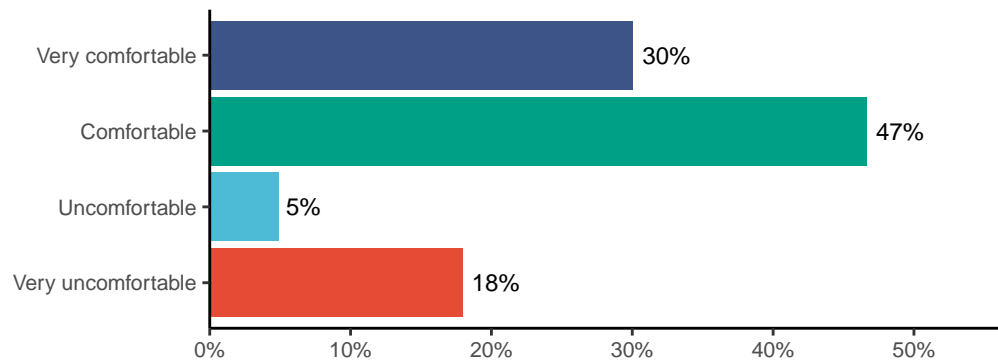
1.3.3 Reliable Internet Connection

Q11: Is your Internet connection reliable (e.g., capable of watching videos smoothly; stable connection)?

Sample size (n = 223); Don't know or prefer not to answer (n = 6)

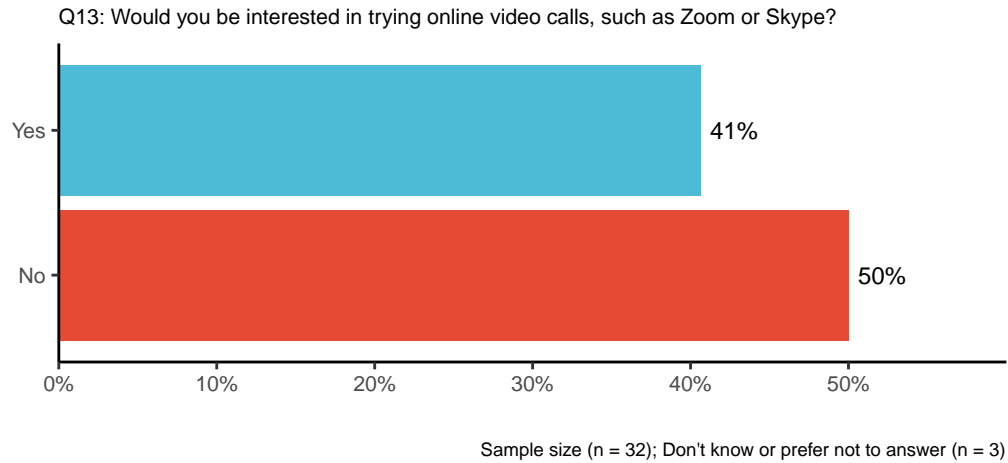### 1.3.4 Level of Comfort Using the Internet

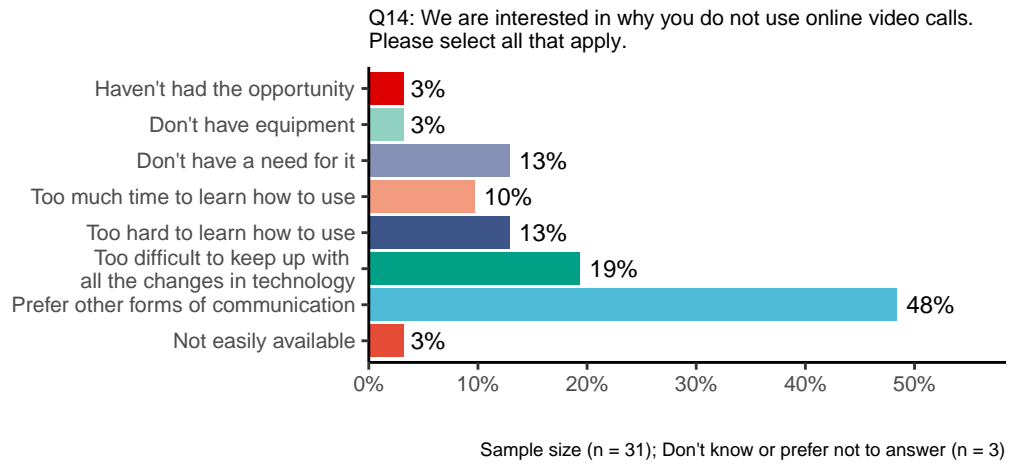Q12: What is your level of comfort when using the Internet?

Sample size (n = 223); Don't know or prefer not to answer (n = 1)

1.3.5 Interest in Trying Online Video Calls

Q13: Would you be interested in trying online video calls, such as Zoom or Skype?

Sample size (n = 32); Don't know or prefer not to answer (n = 3)

1.3.6 Reason for Not Using Online Video Calls

Q14: We are interested in why you do not use online video calls.
Please select all that apply.

Sample size (n = 31); Don't know or prefer not to answer (n = 3)

1.4 Online Tutoring

1.4.1 Preference for Online, In-Person, or Mix of Online and In-Person Tutoring

Q15: If you have the opportunity to tutor children online or in–person, which would you prefer? (By online tutoring, we mean talking to children using technology such as Zoom or Skype.)

Mix of both online and in–person — 18%
In–Person — 73%
Online — 6%

Sample size (n = 226); Don't know or prefer not to answer (n = 7)
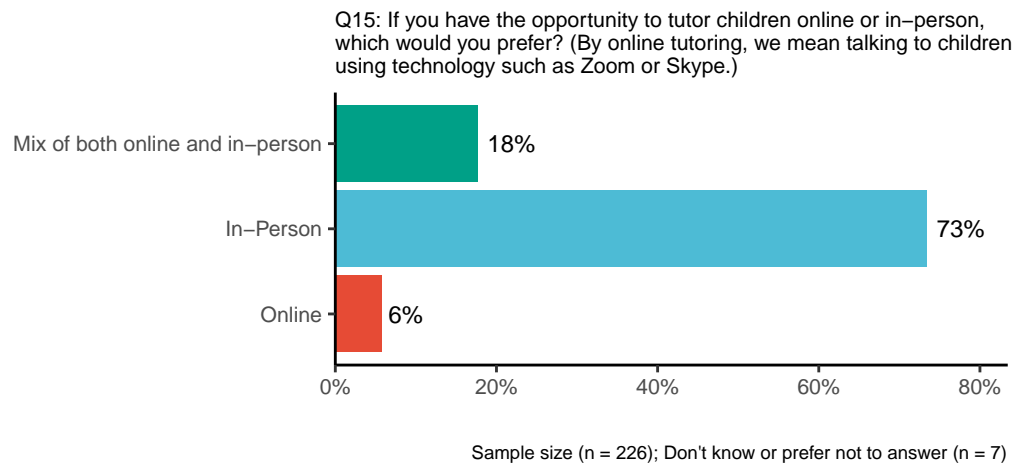
1.4.2 Likelihood of Participating in Online Tutoring Program

Q16: How likely would you be to participate in an online tutoring program?

Very likely — 22%
Somewhat likely — 38%
Not very likely — 25%
Not at all likely — 11%

Sample size (n = 226); Don't know or prefer not to answer (n = 9)
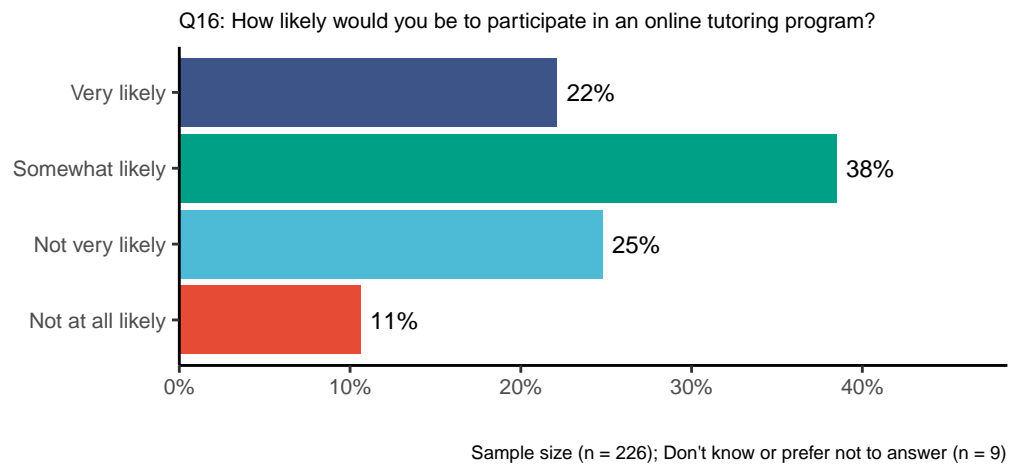
1.4.3 Comparison of Online vs. In-Person Tutoring Benefits

Q18: If tutoring in Fall 2020 has to be online because of recommended limits on social contact during the coronavirus outbreak, the tutoring experience...

Will be just as beneficial as in–person tutoring — 4%
Will be beneficial but will not be a replacement for in–person tutoring — 76%
Wouldn't be beneficial at all — 10%

Sample size (n = 226); Don't know or prefer not to answer (n = 25)
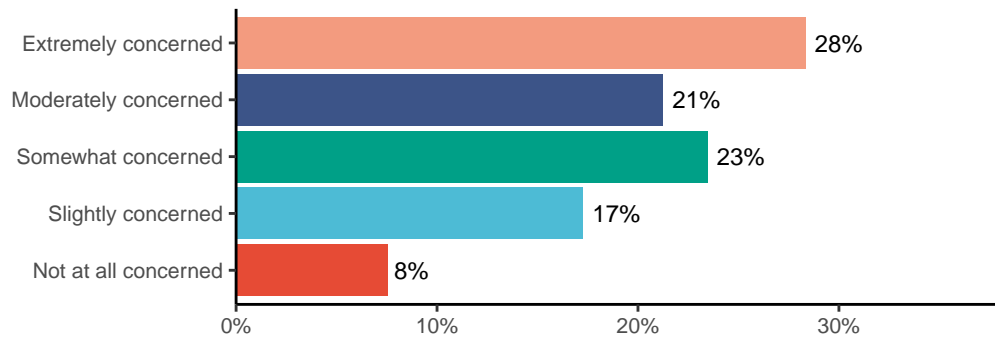
10
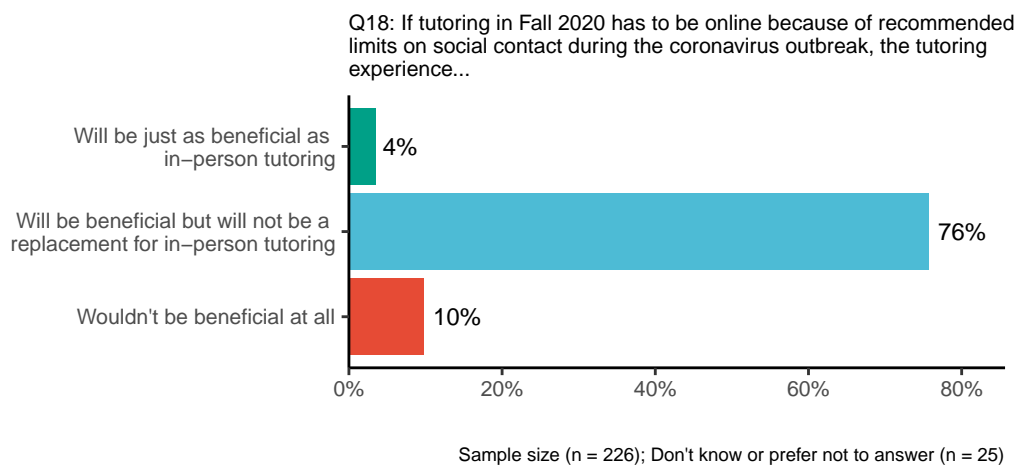
1.4.4   Concern for Oasis Resources for Online Tutoring

Q19: If tutoring in Fall 2020 is online, how concerned would you be about resources equipment, and support from Oasis?

Category	Percentage
Extremely concerned	10%
Moderately concerned	12%
Somewhat concerned	17%
Slightly concerned	24%
Not at all concerned	28%
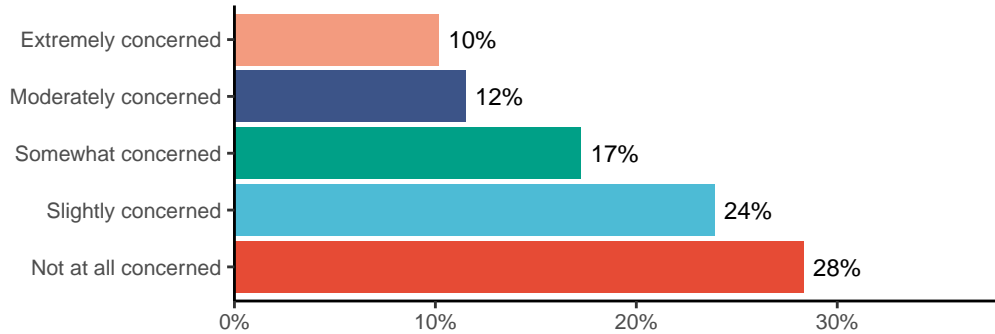
Sample size (n = 226); Don't know or prefer not to answer (n = 20)

1.4.5   Concern for In-Person Tutoring During Coronavirus Outbreak

Q20: If tutoring in Fall 2020 is in–person and tutoring takes place inside schools, how concerned would you be given that COVID–19 may still be an issue?

Category	Percentage
Extremely concerned	28%
Moderately concerned	21%
Somewhat concerned	23%
Slightly concerned	17%
Not at all concerned	8%

Sample size (n = 226); Don't know or prefer not to answer (n = 5)

2 Bivariate Analyses

2.1 Combined Use of Technology at Home

A total of 205 (90%) respondents have used the Internet, computer, and smartphone before at home.

A total of 180 (79%) respondents have used the Internet, computer, smartphone, and online video calls before at home.
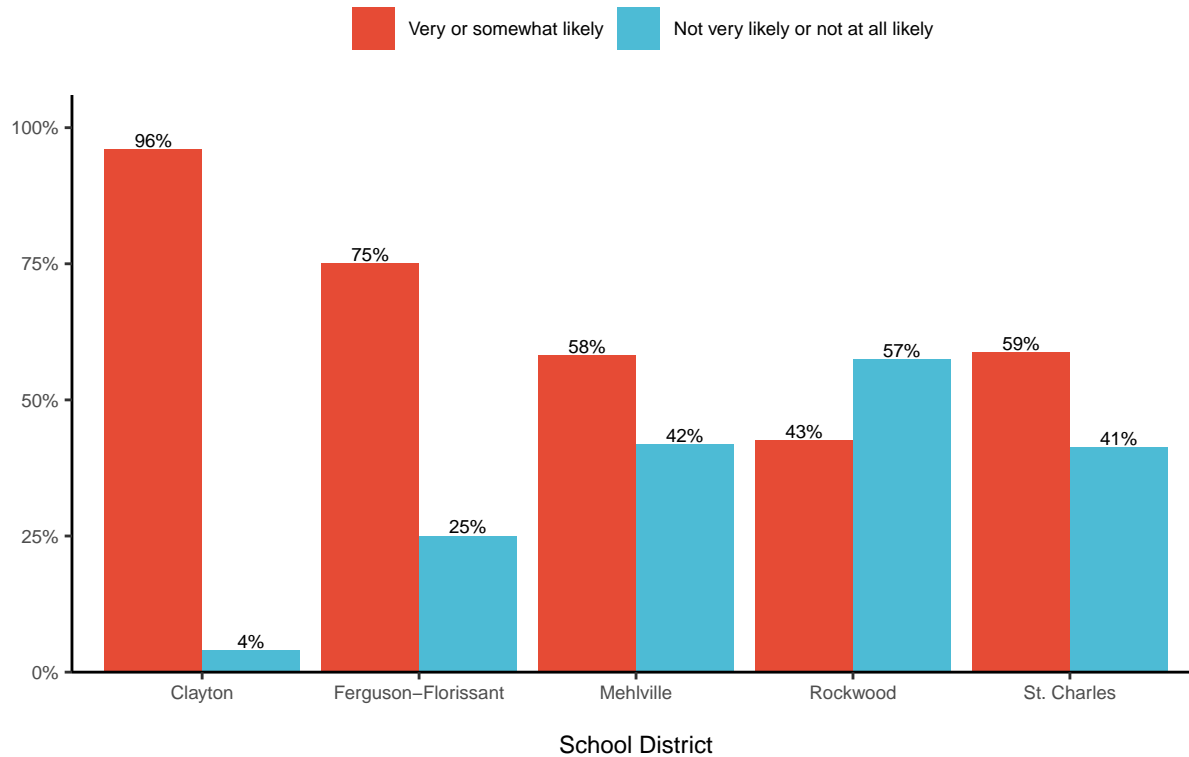
2.2 Difficulty of Technology Use by School District
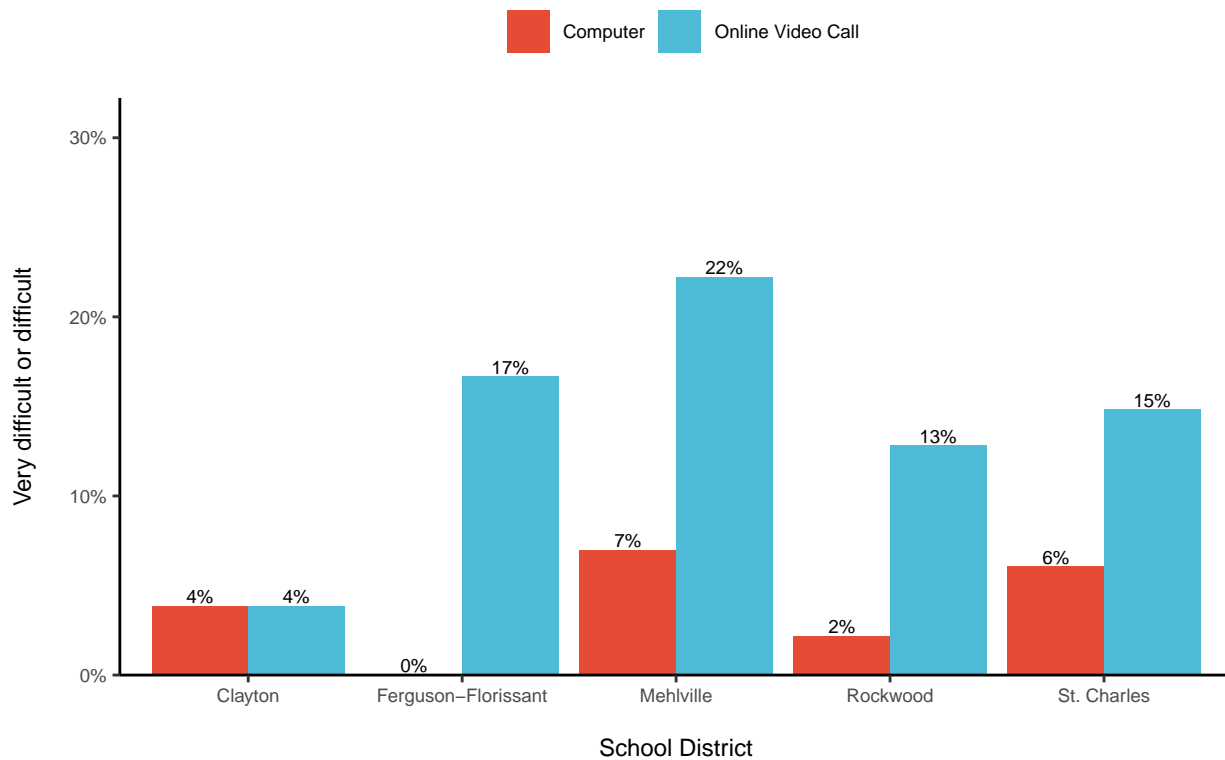
Due to small sample sizes, Oasis Institute Training, East St. Louis, and Northwest are omitted in the above figure.

2.3 Likelihood of Tutoring Online by School District

Q16: How likely would you be to participate in an online tutoring program?

Due to small sample sizes, Oasis Institute Training (n = 1), East St. Louis (n = 4), and Northwest (n = 9) are omitted in the above figure.

Table 1: Total Respondents by School District

School District	Total Respondents
Clayton	25
Ferguson-Florissant	24
Mehlville	43
Rockwood	47
St. Charles	63

2.4 Likelihood of Tutoring Online by Education Level

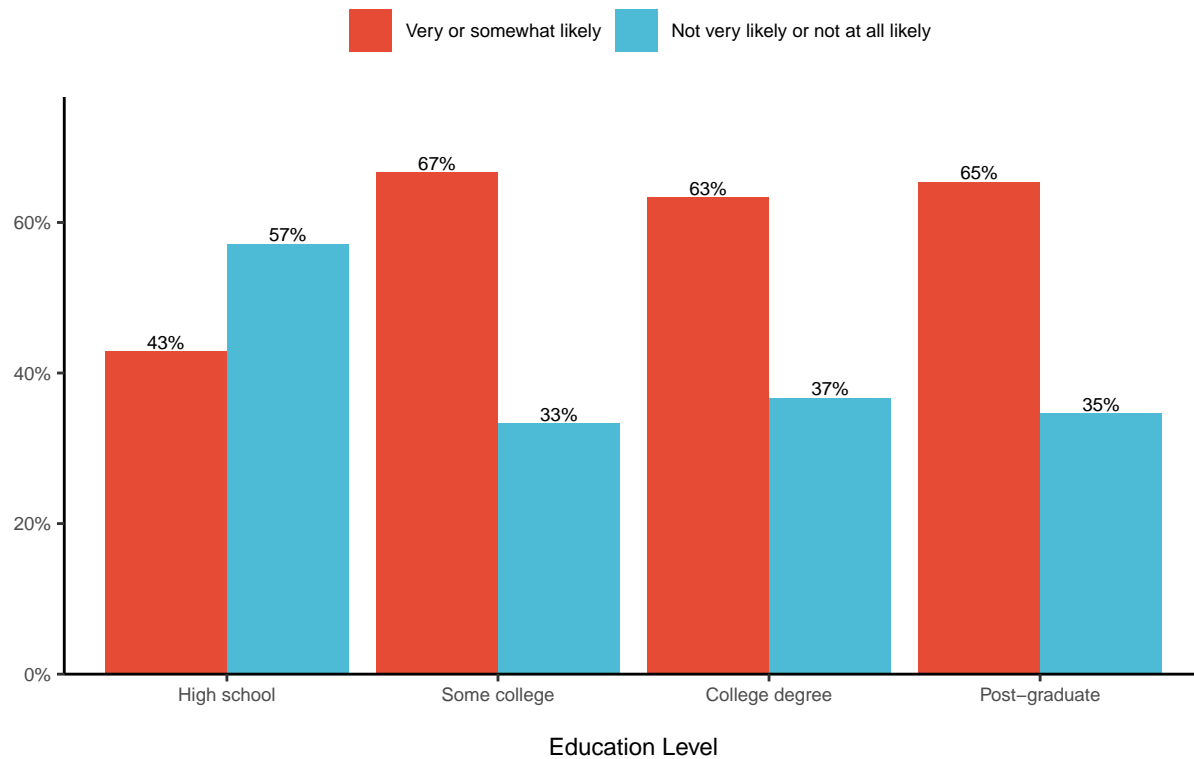Q16: How likely would you be to participate in an online tutoring program?

Table 2: Total Respondents by Education Level

Education Level	Total Respondents
High school	14
Some college	33
College degree	90
Post-graduate	78

2.5   Concern for In-Person Tutoring by School District

Q20: If tutoring in Fall 2020 is in-person and tutoring takes place inside schools,
how concerned would you be given that COVID-19 may still be an issue?
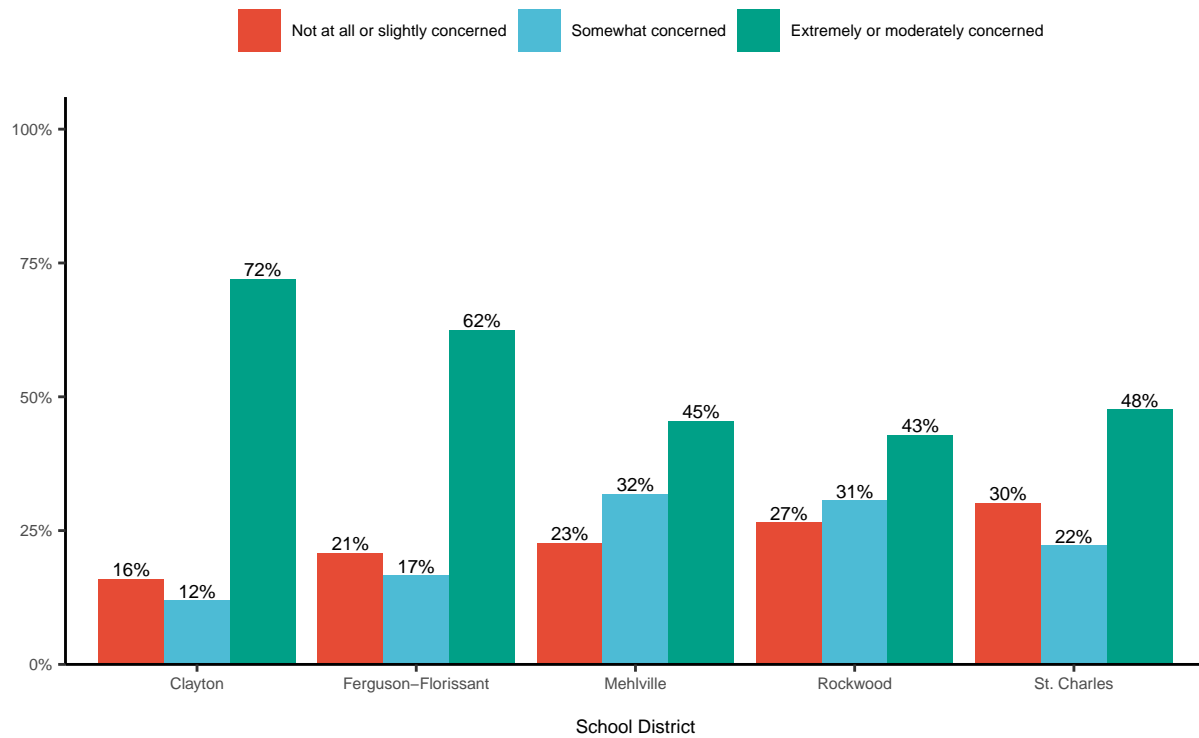
Due to small sample sizes, Oasis Institute Training (n = 1), East St. Louis (n = 4), and Northwest (n = 9) are omitted in the above figure.

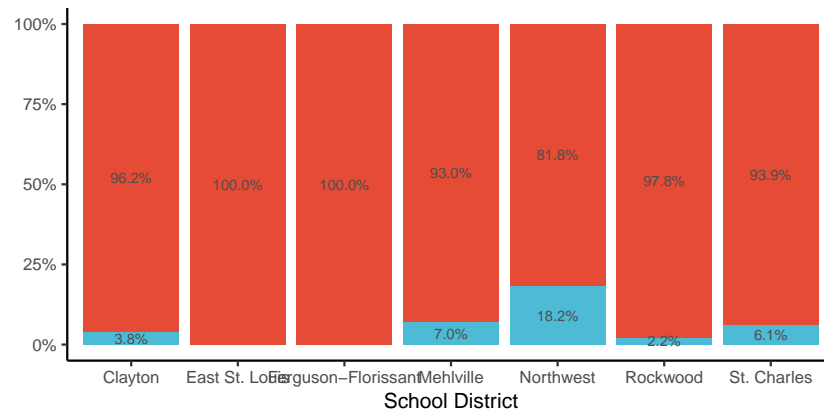## 2.6 Table 3. Tests of Associations Between Demographics and Attitudes Toward Technology and Tutoring.

Survey Response	School District	Age	Education	Gender	Race	Income
Virtual Tutoring Not Beneficial	11.09	7.30	4.09	8.35* (0.20) Male (24.2%) (+) Female (8.3%) (−)	56.70* (0.38) White (2.2%) (−)	8.51
Number of Technology Devices	9.57	20.39	31.72* (0.21) High School (50.0%) (=)	14.75* (0.25) Male (58.3%) (−) Female (82.9%) (+)	2.50	74.15* (0.40) $15k–$25k (40.0%) (−)
Likely to Tutor Virtually	21.92* (0.33) Clayton (96.0%) (+) Rockwood (42.6%) (−)	6.03	1.95	0.99	6.52	5.52
Difficulty of Computer Use	2.84	11.56* (0.23) Age 81–90 (25.0%)	10.67* (0.22) High School (21.4%) (+)	0.43	0.90	24.82* (0.40) < $15k (100.0%) (+)
Concern for Oasis Resources for Virtual Tutoring	9.97	8.30	2.66	1.64	4.75	9.08
Concern for In–Person Tutoring	8.34	6.99	8.18	3.45	2.03	6.58
Uncomfortable Using Internet	14.23	10.79	8.95	0.13	5.39	39.00* (0.29) < $15k (100.0%) (+)

Survey Response (y-axis)

Survey Respondent Demographics (x-axis)

3 Stacked Bar Plots

Difficulty of Computer Use

Uncomfortable Using Internet

Legend: Very uncomfortable | Uncomfortable | Comfortable | Very comfortable

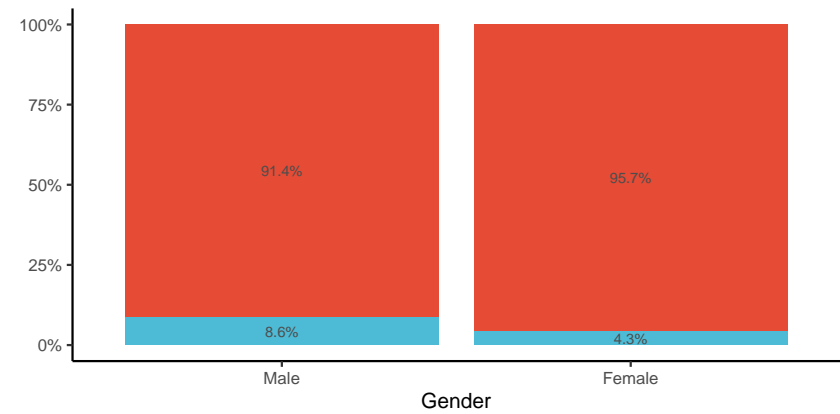**School District**

Louis (n = 4), Ferguson–Florissant (n = 24), Mehlville (n = 44), Northwest (n = 10), Rockwood (n = 47), St. Charles (n = 65); p = 0.15

Age
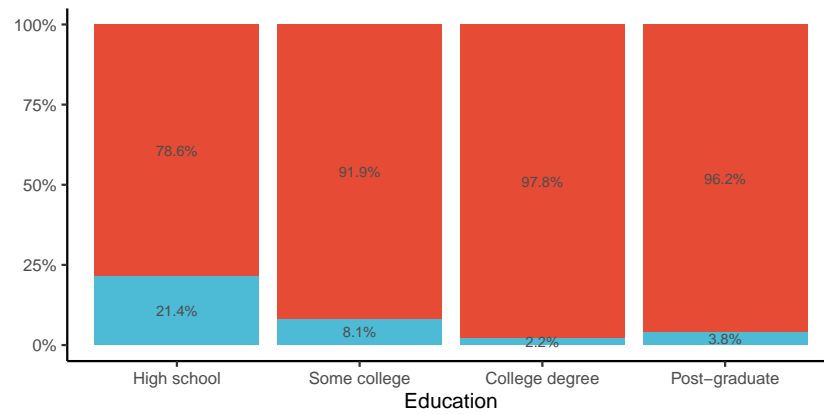
< 50 (n = 8), 51–60 (n = 22), 61–70 (n = 78), 71–80 (n = 101), 81–90 (n = 12); p = 0.55
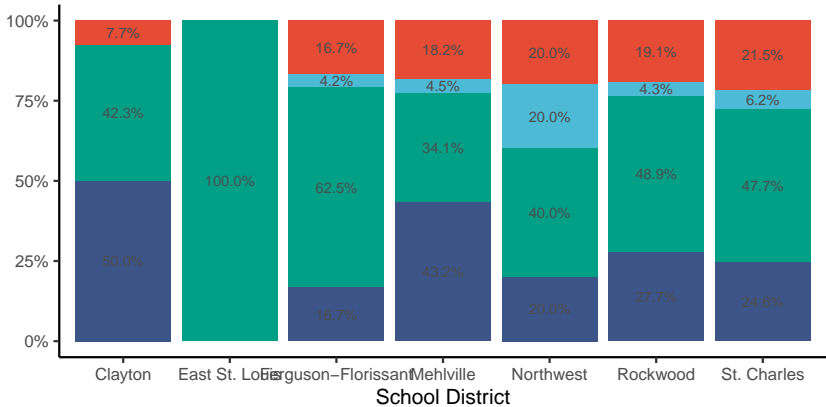
Education

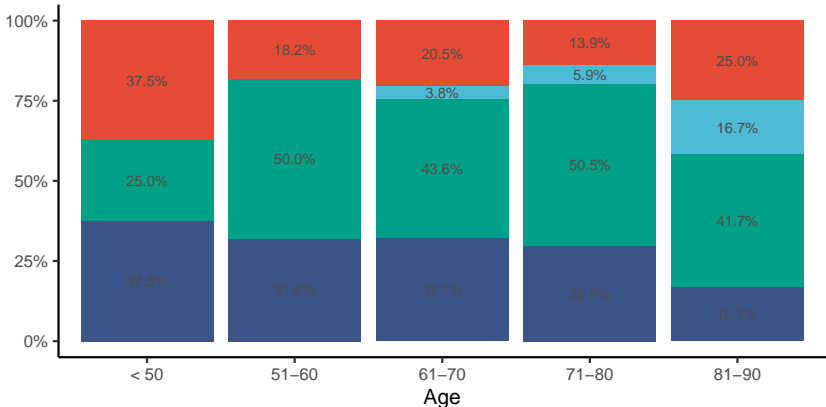High school (n = 14), Some college (n = 38), College degree (n = 90), Post–graduate (n = 80); p = 0.44

Gender

Male (n = 36), Female (n = 186); p = 0.99

Likely to Tutor Virtually

■ Not very or not at all likely   ■ Very or somewhat likely
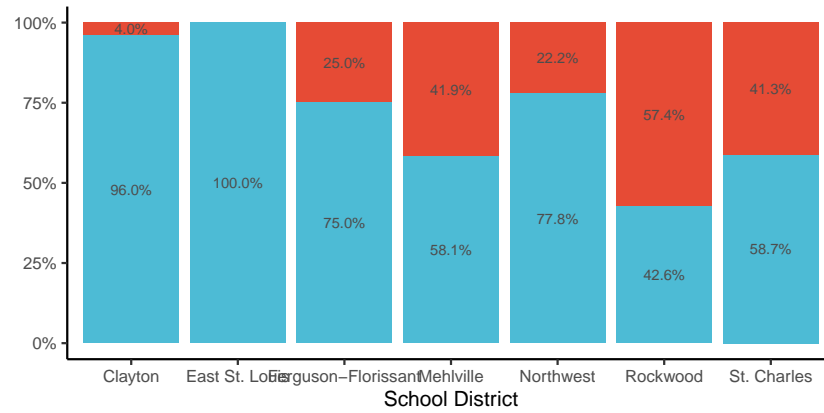
School District: . Louis (n = 4), Ferguson–Florissant (n = 24), Mehlville (n = 43), Northwest (n = 9), Rockwood (n = 47), St. Charles (n = 63); p = 0.00

Age: < 50 (n = 6), 51–60 (n = 20), 61–70 (n = 74), 71–80 (n = 102), 81–90 (n = 13); p = 0.20
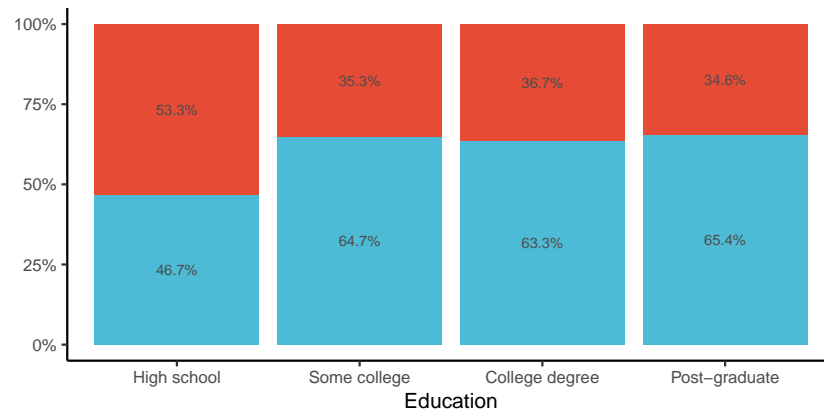
Education: High school (n = 15), Some college (n = 34), College degree (n = 90), Post–graduate (n = 78); p = 0.58

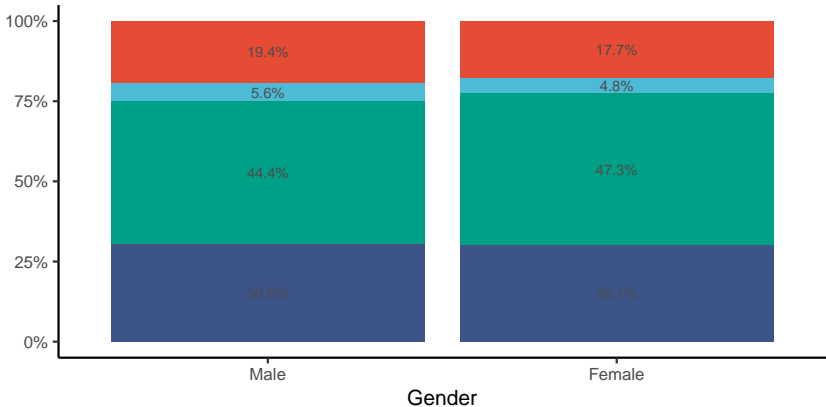*Gender:* Male (n = 35), Female (n = 182); p = 0.32

Virtual Tutoring Not Beneficial

Virtual not beneficial   Virtual beneficial, but not replacement of in-person   Virtual just as beneficial as in-person

. Louis (n = 4), Ferguson–Florissant (n = 23), Mehlville (n = 39), Northwest (n = 8), Rockwood (n = 43), St. Charles (n = 57); p = 0.09

< 50 (n = 6), 51–60 (n = 21), 61–70 (n = 69), 71–80 (n = 93), 81–90 (n = 10); p = 0.50
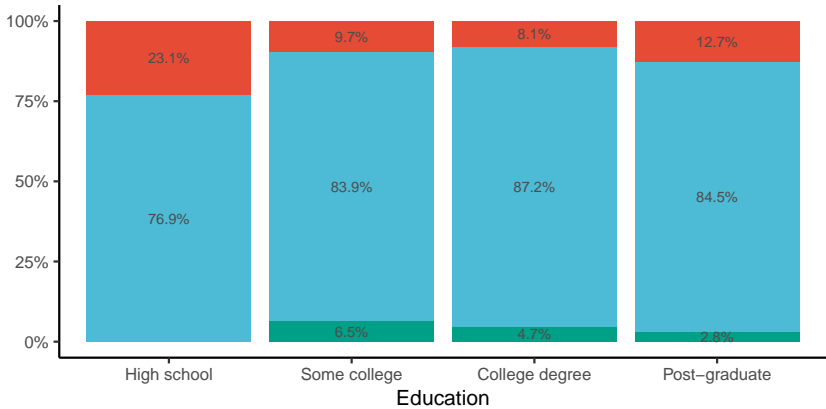
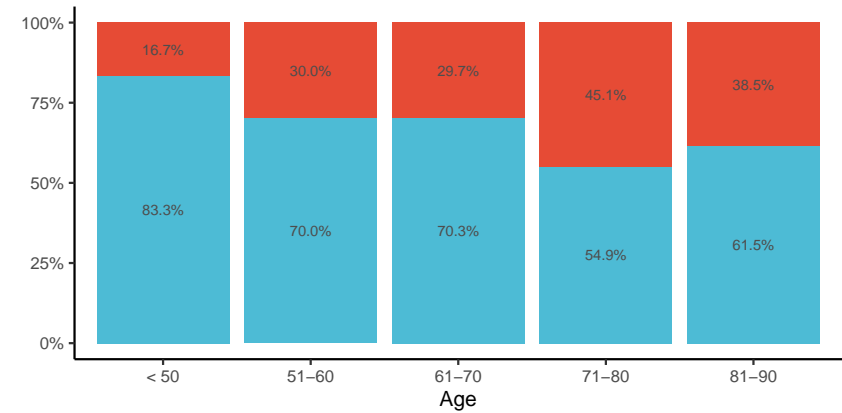High school (n = 13), Some college (n = 31), College degree (n = 86), Post–graduate (n = 71); p = 0.66
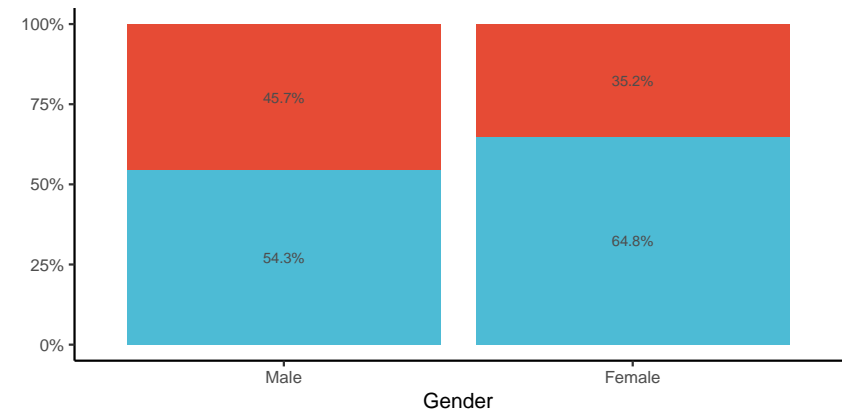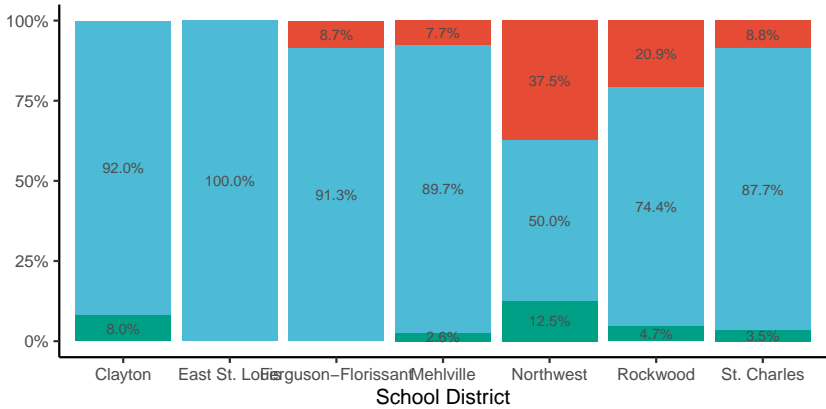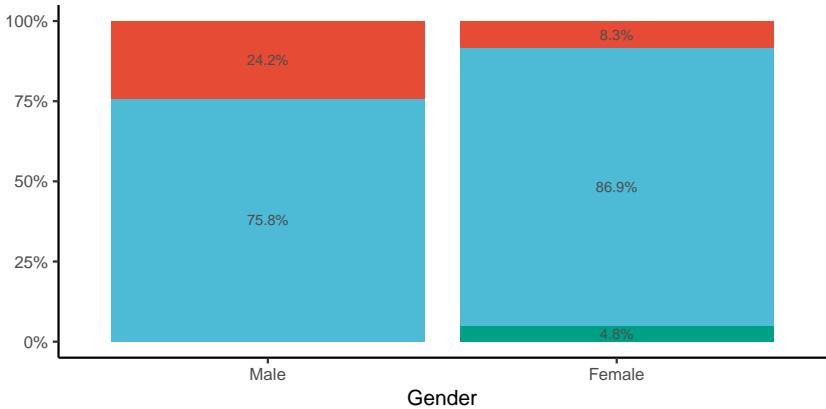
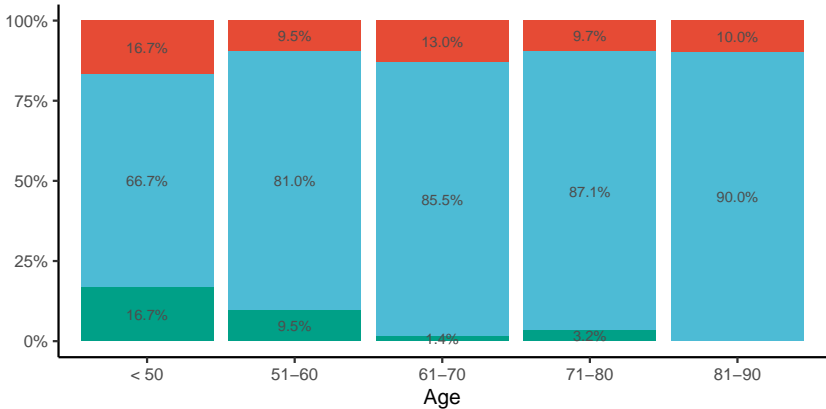Male (n = 33), Female (n = 168); p = 0.02

Concern for Oasis Resources for Virtual Tutoring

Legend: Not at all concerned; Somewhat or slightly concerned; Extremely or moderately concerned

School District panel:
- Clayton: 16.7%, 58.3%, 25.0%
- East St. Louis: 75.0%, 25.0%
- Ferguson–Florissant: 17.4%, 43.5%, 39.1%
- Mehlville: 39.5%, 39.5%, 21.1%
- Northwest: 37.5%, 50.0%, 12.5%
- Rockwood: 26.1%, 47.8%, 26.1%
- St. Charles: 39.3%, 41.0%, 19.7%

. Louis (n = 4), Ferguson–Florissant (n = 23), Mehlville (n = 38), Northwest (n = 8), Rockwood (n = 46), St. Charles (n = 61); p = 0.39

Age panel:
- < 50: 50.0%, 50.0%
- 51–60: 36.4%, 40.9%, 22.7%
- 61–70: 31.1%, 40.5%, 28.4%
- 71–80: 31.5%, 46.7%, 21.7%
- 81–90: 70.0%, 30.0%

< 50 (n = 6), 51–60 (n = 22), 61–70 (n = 74), 71–80 (n = 92), 81–90 (n = 10); p = 0.40

Education panel:
- High school: 38.5%, 46.2%, 15.4%
- Some college: 23.3%, 53.3%, 23.3%
- College degree: 28.9%, 45.6%, 25.6%
- Post–graduate: 35.6%, 41.1%, 23.3%
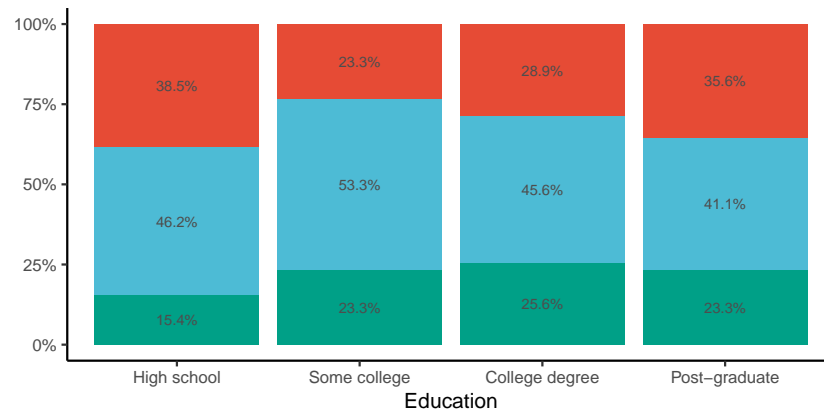
High school (n = 13), Some college (n = 30), College degree (n = 90), Post–graduate (n = 73); p = 0.85

Gender panel:
- Male: 31.4%, 37.1%, 31.4%
- Female: 31.0%, 46.8%, 22.2%
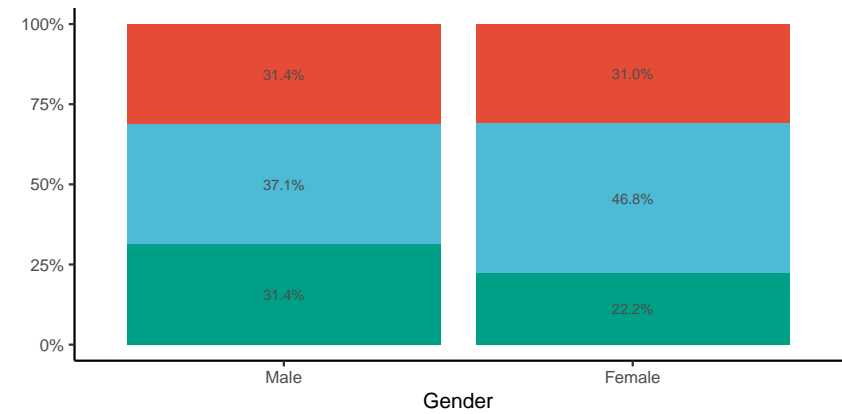
Male (n = 35), Female (n = 171); p = 0.44

Concern for In–Person Tutoring

Legend: Not at all concerned | Somewhat or slightly concerned | Extremely or moderately concerned

School District panel:
- Clayton: 4.0%, 24.0%, 72.0%
- East St. Louis: 50.0%, 50.0%
- Ferguson–Florissant: 4.2%, 33.3%, 62.5%
- Mehlville: 9.1%, 45.5%, 45.5%
- Northwest: 30.0%, 20.0%, 50.0%
- Rockwood: 6.1%, 51.0%, 42.9%
- St. Charles: 7.9%, 44.4%, 47.6%

Louis (n = 4), Ferguson–Florissant (n = 24), Mehlville (n = 44), Northwest (n = 10), Rockwood (n = 49), St. Charles (n = 63); p = 0.17

Age panel:
- < 50: 66.7%, 33.3%
- 51–60: 8.7%, 30.4%, 60.9%
- 61–70: 5.3%, 40.8%, 53.9%
- 71–80: 9.8%, 46.1%, 44.1%
- 81–90: 8.3%, 25.0%, 66.7%

< 50 (n = 6), 51–60 (n = 23), 61–70 (n = 76), 71–80 (n = 102), 81–90 (n = 12); p = 0.54

Education panel:
- High school: 18.8%, 31.2%, 50.0%
- Some college: 8.1%, 56.8%, 35.1%
- College degree: 7.6%, 40.2%, 52.2%
- Post–graduate: 5.3%, 38.2%, 56.6%
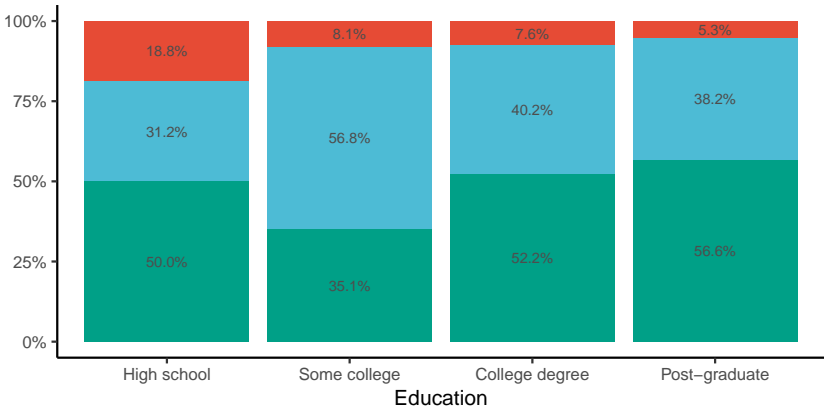
High school (n = 16), Some college (n = 37), College degree (n = 92), Post–graduate (n = 76); p = 0.23

Gender panel:
- Male: 14.3%, 45.7%, 40.0%
- Female: 6.5%, 40.9%, 52.7%

Male (n = 35), Female (n = 186); p = 0.18

Number of Technology Devices
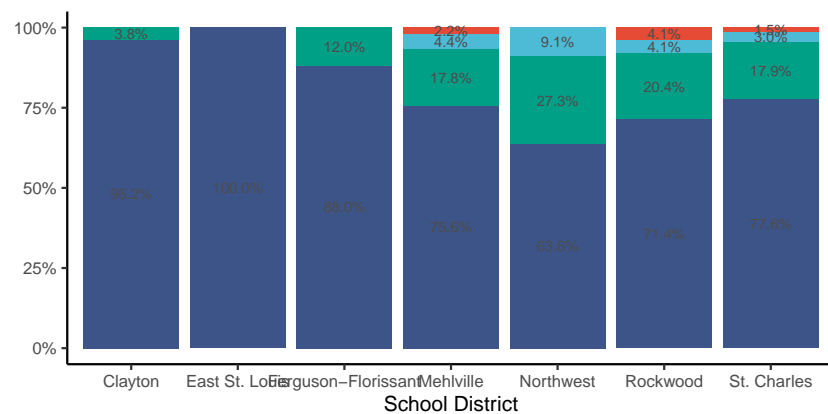
Louis (n = 4), Ferguson−Florissant (n = 25), Mehlville (n = 45), Northwest (n = 11), Rockwood (n = 49), St. Charles (n = 67); p = 0.78
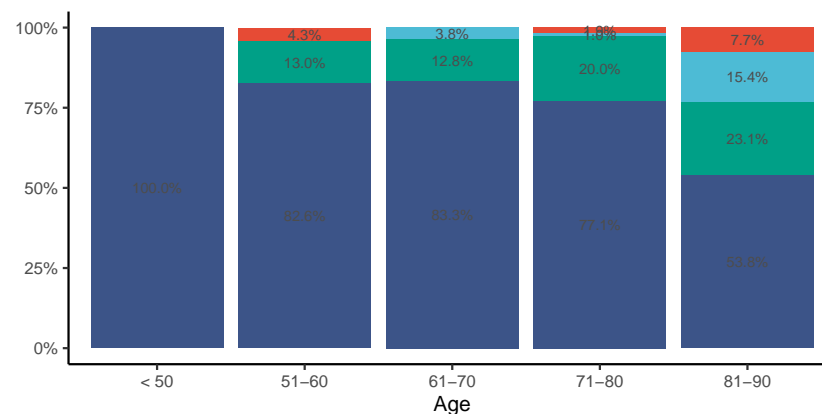
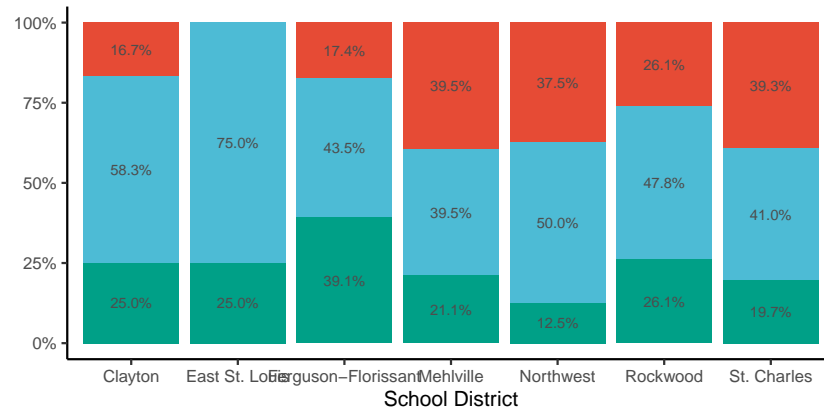< 50 (n = 8), 51−60 (n = 23), 61−70 (n = 78), 71−80 (n = 105), 81−90 (n = 13); p = 0.06
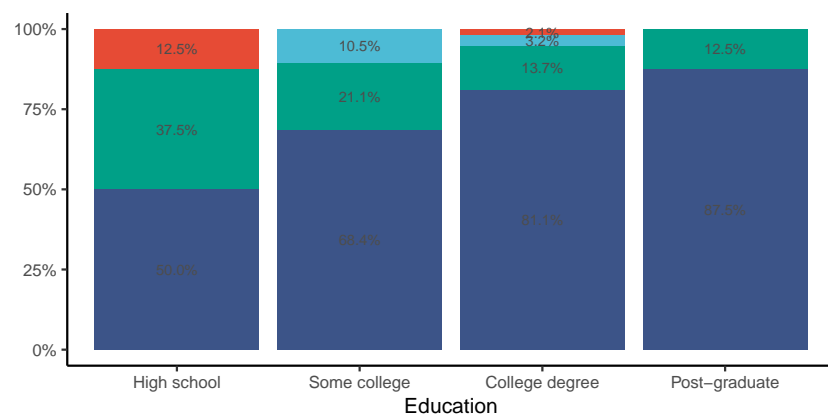
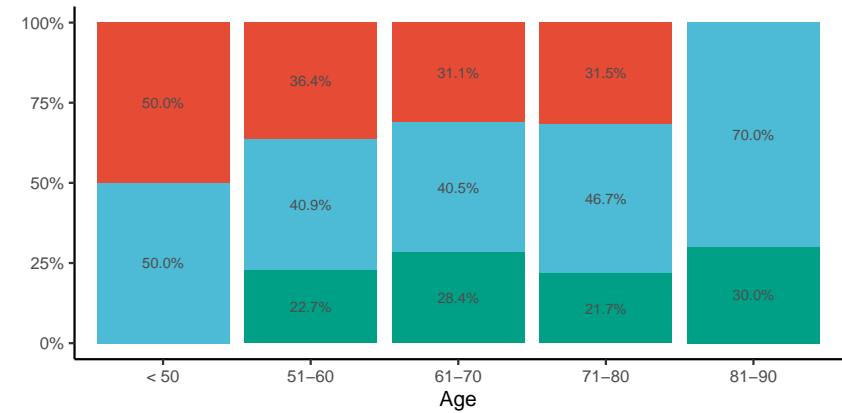High school (n = 16), Some college (n = 38), College degree (n = 95), Post−graduate (n = 80); p = 0.00

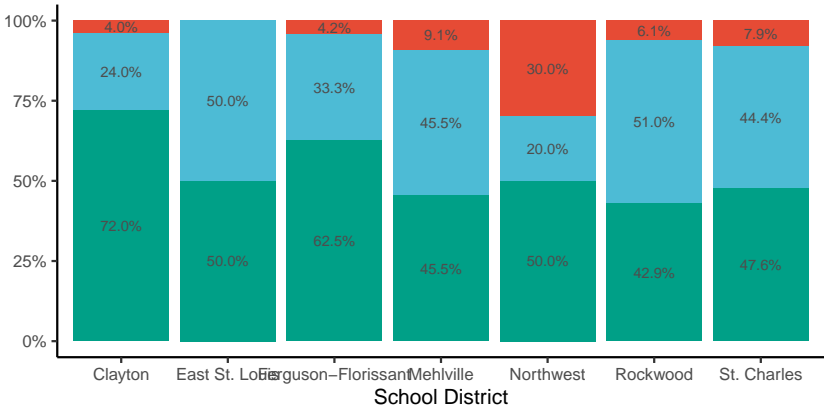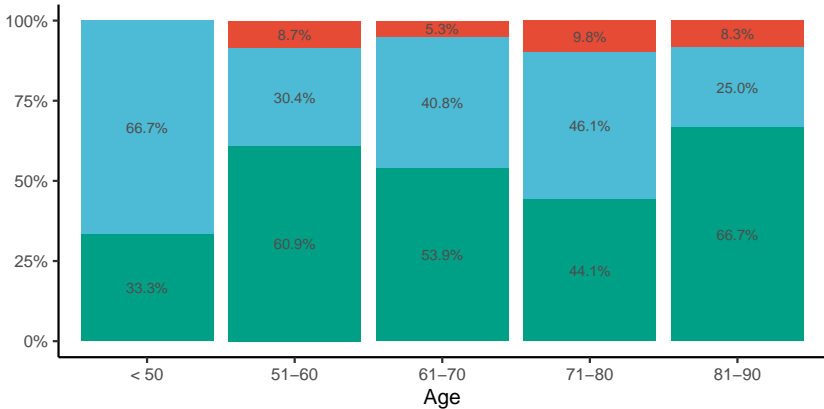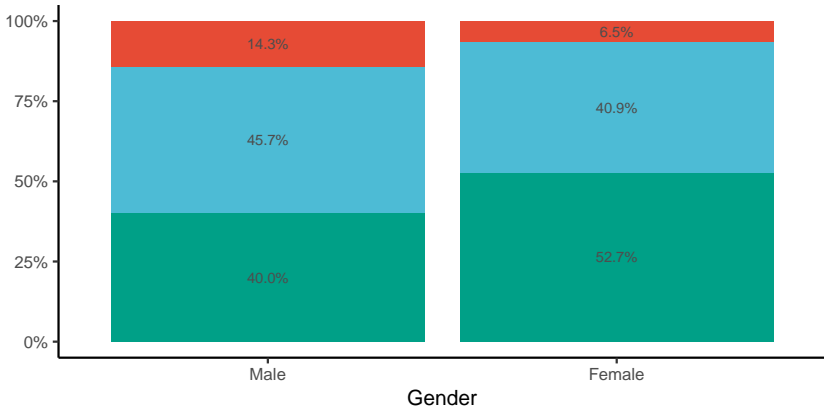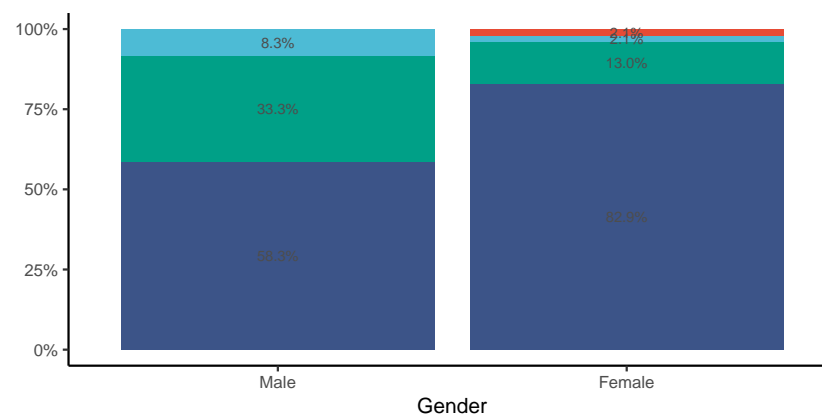Male (n = 36), Female (n = 193); p = 0.00

Dimension	Value	Very easy or easy	Very difficult or difficult
< 50	Residuals	0.66	-0.66
< 50	p values	1	1
51-60	Residuals	0.1	-0.1
51-60	p values	1	1
61-70	Residuals	1.22	-1.22
61-70	p values	1	1
71-80	Residuals	0.02	-0.02
71-80	p values	1	1
81-90	Residuals	-3.28	3.28
81-90	p values	0.01*	0.01*

4 Bonferroni Post-Hoc Tests

P-values of post-hoc z-tests using the Bonferroni method for multiple comparisons are reported below for statistically significant chi-square test of independence results. Note: *p < 0.05

4.1 Age * Ease of Computer Use

< 50 (n = 8), 51–60 (n = 22), 61–70 (n = 78), 71–80 (n = 101), 81–90 (n = 12); p = 0.02
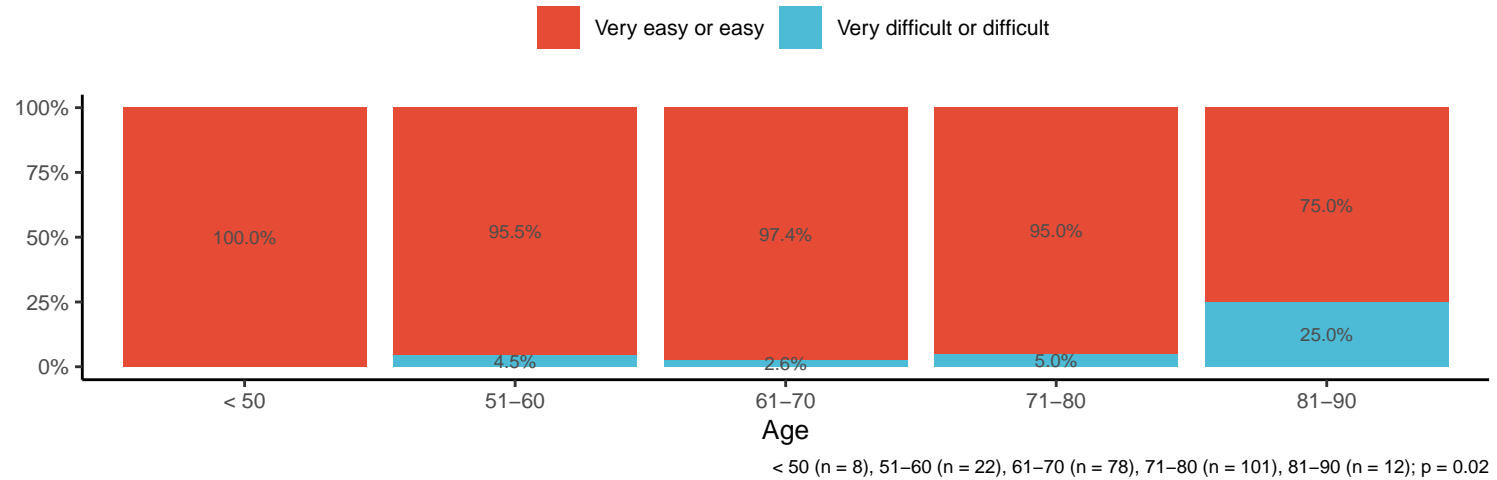
Dimension	Value	0	2	3	4
High school	Residuals	3.4	-0.74	2.41	-2.96
High school	p values	0.01*	1.00	0.26	0.05*
Some college	Residuals	-0.9	2.93	0.90	-1.76
Some college	p values	1	0.05	1.00	1
College degree	Residuals	0.35	0.07	-0.86	0.63
College degree	p values	1	1.00	1.00	1
Post-graduate	Residuals	-1.48	-1.97	-1.10	2.3
Post-graduate	p values	1	0.78	1.00	0.34

4.2   Education * Technology Devices at Home

High school (n = 16), Some college (n = 38), College degree (n = 95), Post–graduate (n = 80); p = 0.00
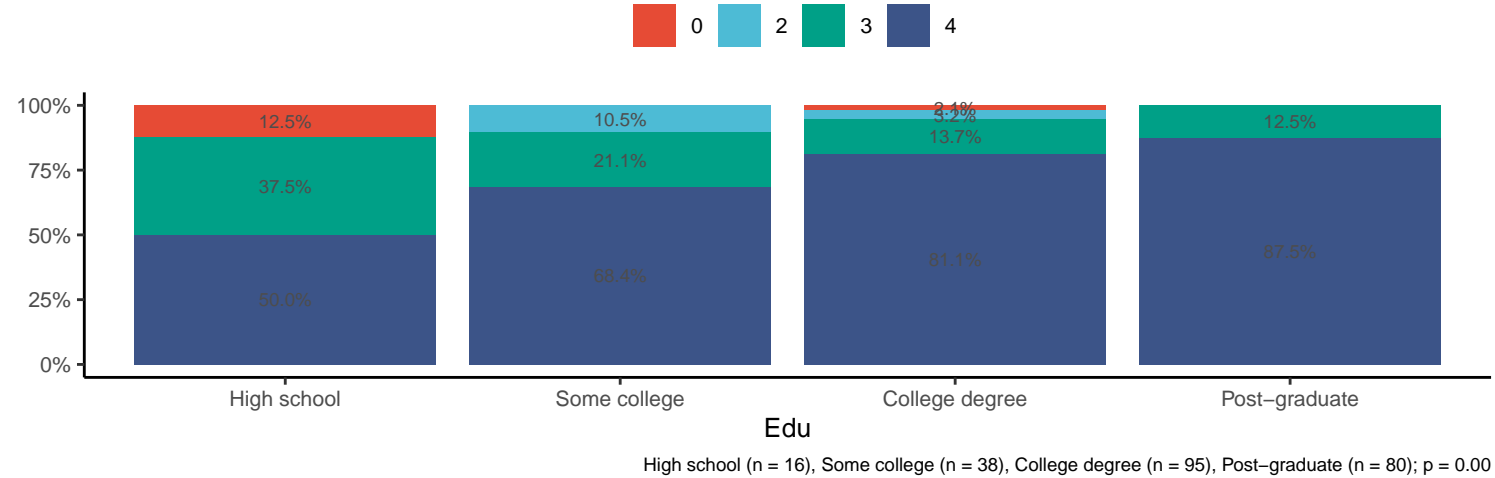
Dimension	Value	Very easy or easy	Very difficult or difficult
High school	Residuals	-2.94	2.94
High school	p values	0.03*	0.03*
Some college	Residuals	-0.98	0.98
Some college	p values	1	1
College degree	Residuals	1.62	-1.62
College degree	p values	0.84	0.84
Post-graduate	Residuals	0.58	-0.58
Post-graduate	p values	1	1

4.3   Education * Ease of Computer Use
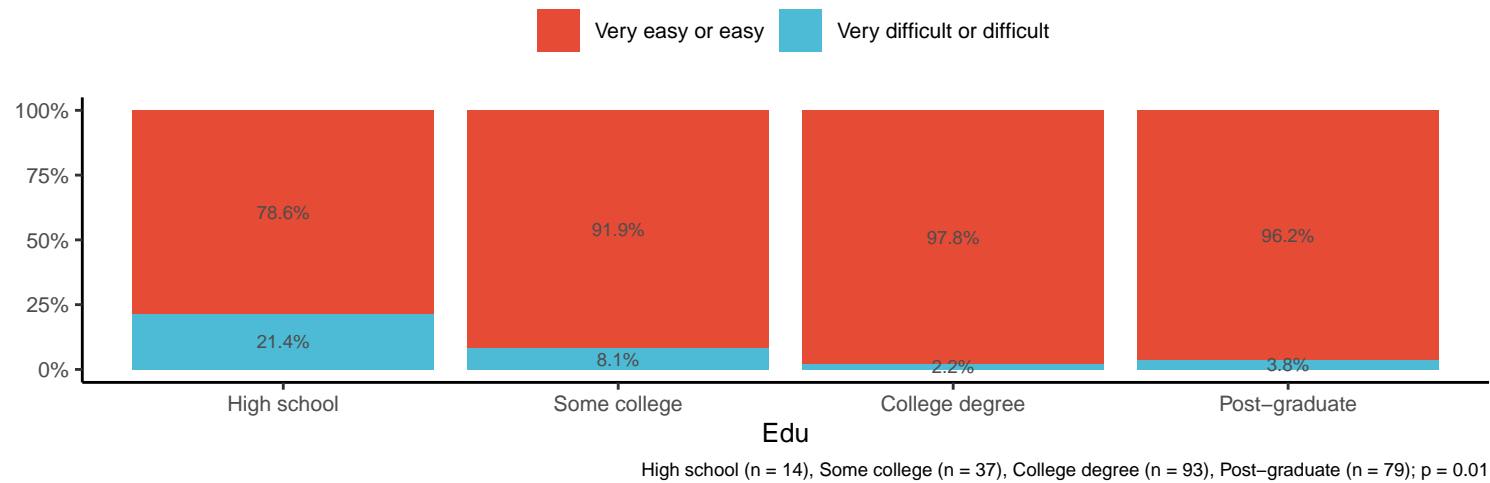
High school (n = 14), Some college (n = 37), College degree (n = 93), Post–graduate (n = 79); p = 0.01

Dimension	Value	Virtual not beneficial	Virtual beneficial, but not replacement of in-person	Virtual just as beneficial as in-person
Male	Residuals	2.68	-1.64	-1.28
Male	p values	0.04*	0.60	1.00
Female	Residuals	-2.68	1.64	1.28
Female	p values	0.04*	0.60	1.00

4.4   Gender * Virtual vs. In-Person Benefits

Male (n = 33), Female (n = 168); p = 0.02
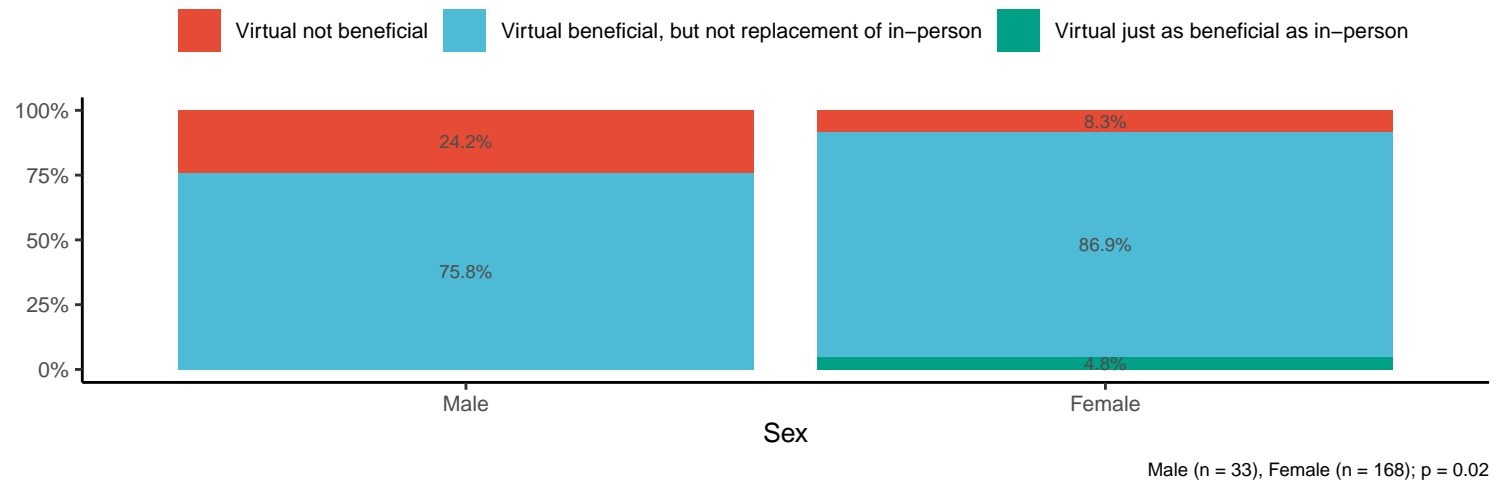
Dimension	Value	0	2	3	4
Male	Residuals	-0.87	2.00	3.05	-3.32
Male	p values	1.00	0.36	0.02*	0.01*
Female	Residuals	0.87	-2.00	-3.05	3.32
Female	p values	1.00	0.36	0.02*	0.01*

4.5   Gender * Technology Devices at Home

Male (n = 36), Female (n = 193); p = 0.00

Dimension	Value	Not very or not at all likely	Very or somewhat likely
Clayton	Residuals	-3.8	3.8
Clayton	p values	0*	0*
Ferguson-Florissant	Residuals	-1.46	1.46
Ferguson-Florissant	p values	1	1
Mehlville	Residuals	0.49	-0.49
Mehlville	p values	1	1
Rockwood	Residuals	3.03	-3.03
Rockwood	p values	0.02*	0.02*
St. Charles	Residuals	0.52	-0.52
St. Charles	p values	1	1

4.6   School District * Likelihood of Virtual Tutoring

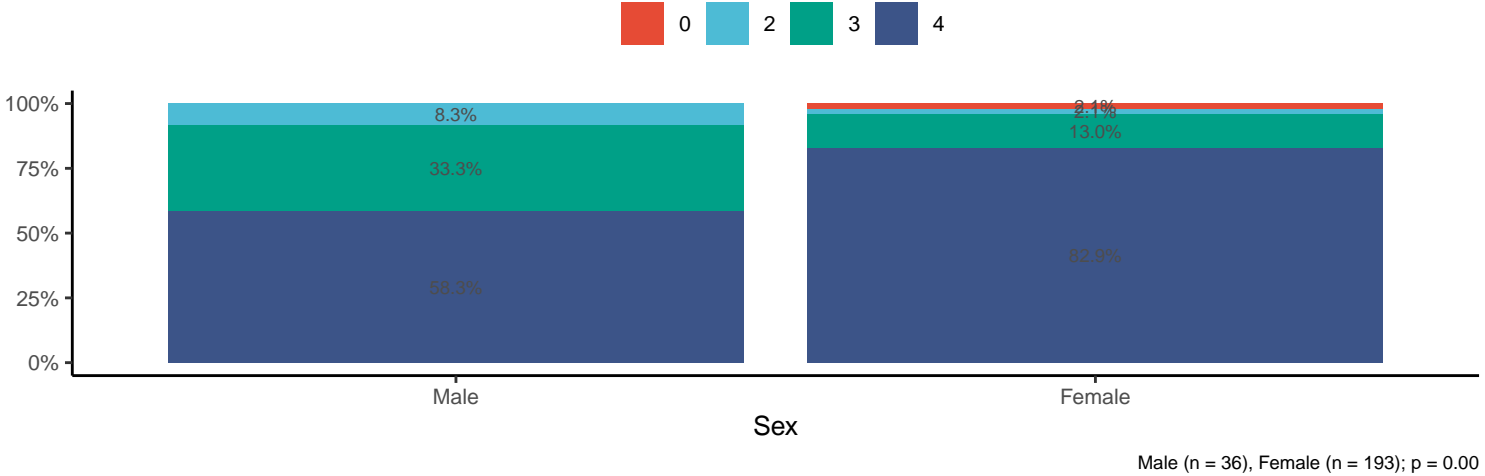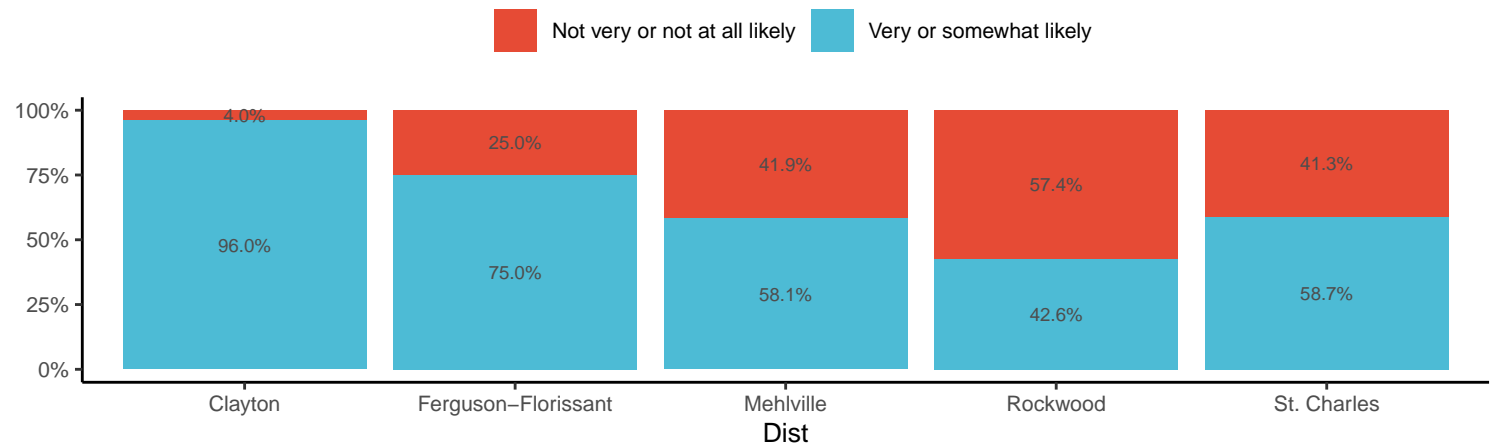Clayton (n = 25), Ferguson–Florissant (n = 24), Mehlville (n = 43), Rockwood (n = 47), St. Charles (n = 63); p = 0.00

Dimension	Value	Virtual not beneficial	Virtual beneficial, but not replacement of in-person	Virtual just as beneficial as in-person
Hispanic/Latino	Residuals	-0.50	-3.37	6.95
Hispanic/Latino	p values	1.00	0.01*	0*
Black or African American	Residuals	-1.20	-0.3	2.46
Black or African American	p values	1.00	1	0.17
White	Residuals	1.47	1.16	-4.46
White	p values	1.00	1	0*
Two or more races	Residuals	-0.62	0.74	-0.36
Two or more races	p values	1.00	1	1

4.7 Race * Virtual vs. In-Person Benefits

Hispanic/Latino (n = 2), Black or African American (n = 11), White (n = 183), Two or more races (n = 3); p = 0.00
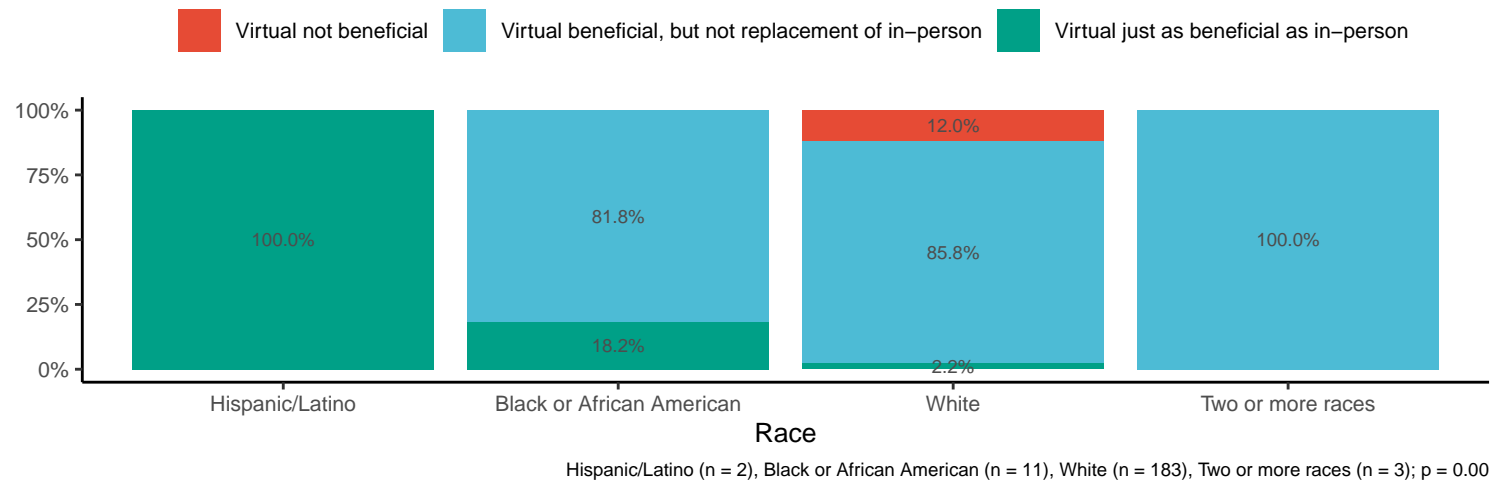
Dimension	Value	0	2	3	4
< $15,000	Residuals	-0.08	6.16	-0.43	-2.09
< $15,000	p values	1	0*	1.00	0.73
$15,000 - $24,999	Residuals	5.49	-0.37	1.54	-2.41
$15,000 - $24,999	p values	0*	1	1.00	0.32
$25,000 - $49,000	Residuals	-0.46	0.41	-0.11	0.03
$25,000 - $49,000	p values	1	1	1.00	1.00
$50,000 - $74,999	Residuals	-0.62	1.01	0.17	-0.44
$50,000 - $74,999	p values	1	1	1.00	1.00
> $75,000	Residuals	-1.02	-2.07	-0.55	1.56
> $75,000	p values	1	0.78	1.00	1.00

4.8   Income * Number of Tech Devices

< $15,000 (n = 1), $15,000 − $24,999 (n = 5), $25,000 − $49,000 (n = 27), $50,000 − $74,999 (n = 43), > $75,000 (n = 79); p = 0.00
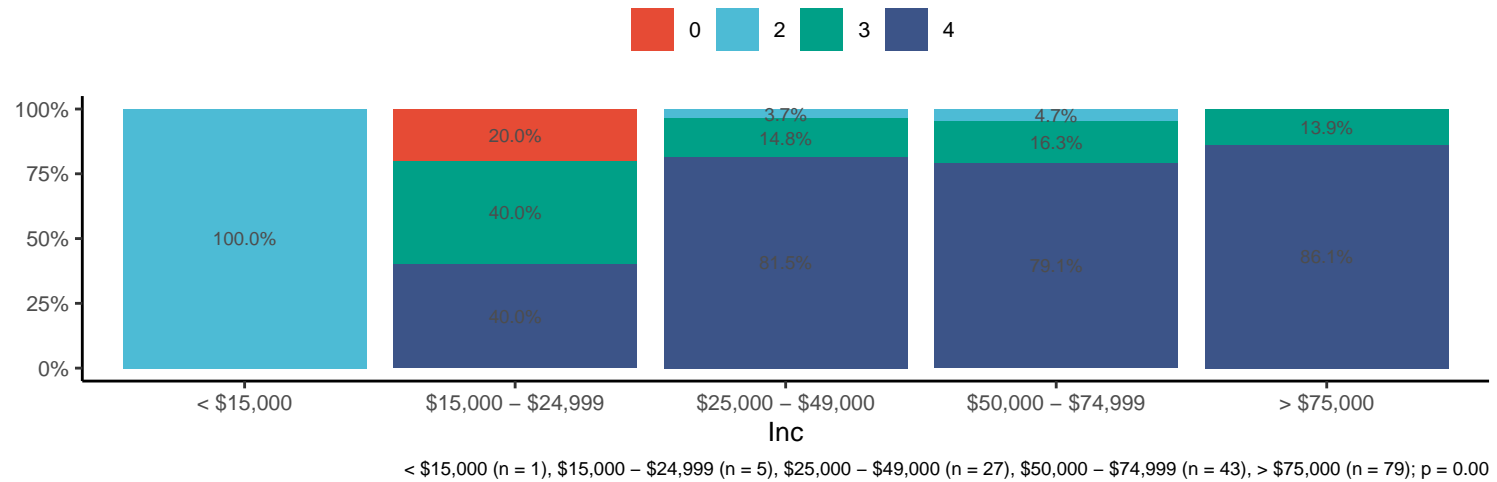
Dimension	Value	Very easy or easy	Very difficult or difficult
< $15,000	Residuals	-4.26	4.26
< $15,000	p values	0*	0*
$15,000 - $24,999	Residuals	-1.79	1.79
$15,000 - $24,999	p values	0.73	0.73
$25,000 - $49,000	Residuals	-1.5	1.5
$25,000 - $49,000	p values	1	1
$50,000 - $74,999	Residuals	0.98	-0.98
$50,000 - $74,999	p values	1	1
> $75,000	Residuals	1.53	-1.53
> $75,000	p values	1	1

4.9   Income * Difficulty of Computer Use

< $15,000 (n = 1), $15,000 − $24,999 (n = 4), $25,000 − $49,000 (n = 27), $50,000 − $74,999 (n = 42), > $75,000 (n = 78); p = 0.00
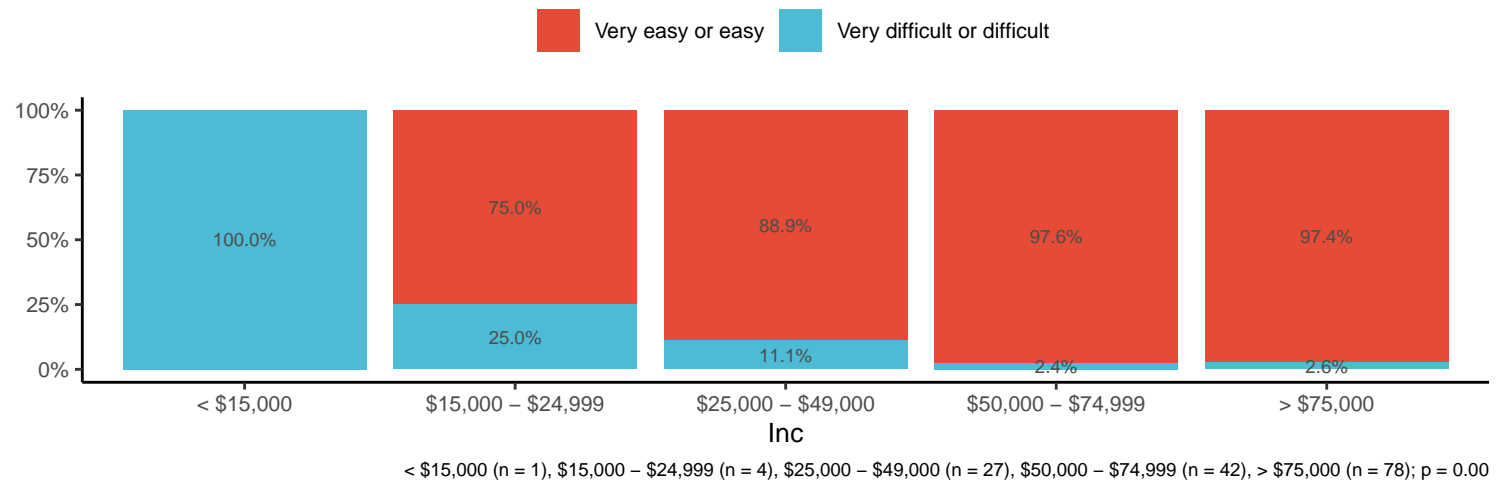
Dimension	Value	Very uncomfortable	Uncomfortable	Comfortable	Very comfortable
< $15,000	Residuals	-0.44	4.29	-0.92	-0.71
< $15,000	p values	1.00	0*	1.00	1.00
$15,000 - $24,999	Residuals	0.48	-0.47	1.20	-1.43
$15,000 - $24,999	p values	1.00	1	1.00	1.00
$25,000 - $49,000	Residuals	-0.22	2.48	1.59	-2.68
$25,000 - $49,000	p values	1.00	0.26	1.00	0.15
$50,000 - $74,999	Residuals	-1.94	-0.19	-0.20	1.82
$50,000 - $74,999	p values	1.00	1	1.00	1.00
> $75,000	Residuals	1.83	-2.25	-1.27	0.97
> $75,000	p values	1.00	0.48	1.00	1.00

4.10   Income * Comfort Using Internet
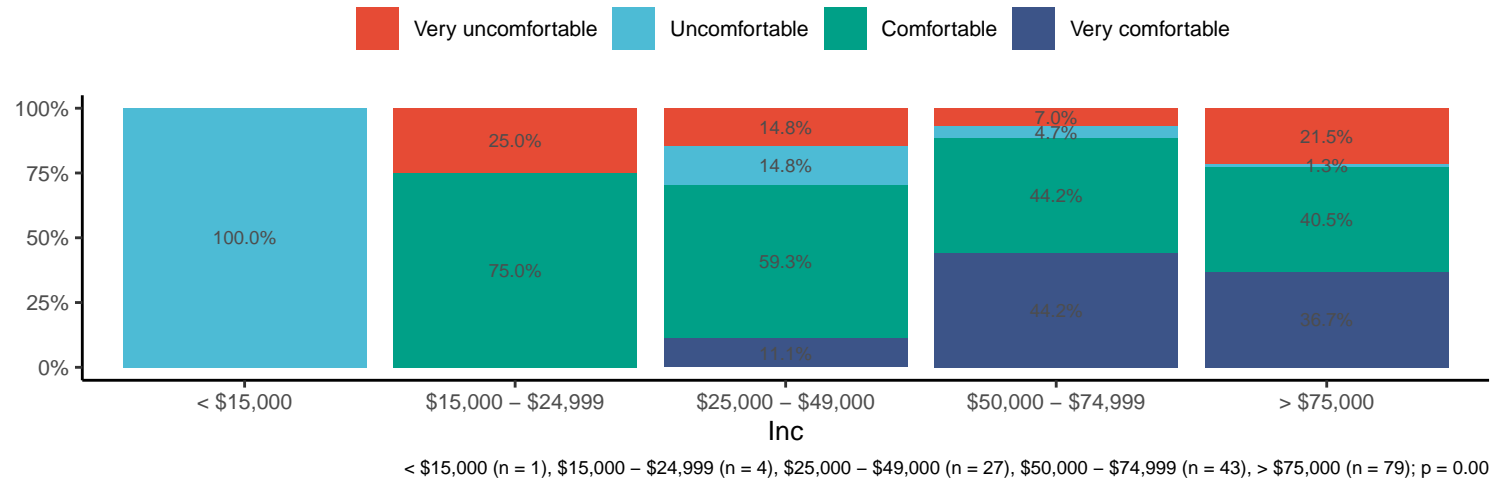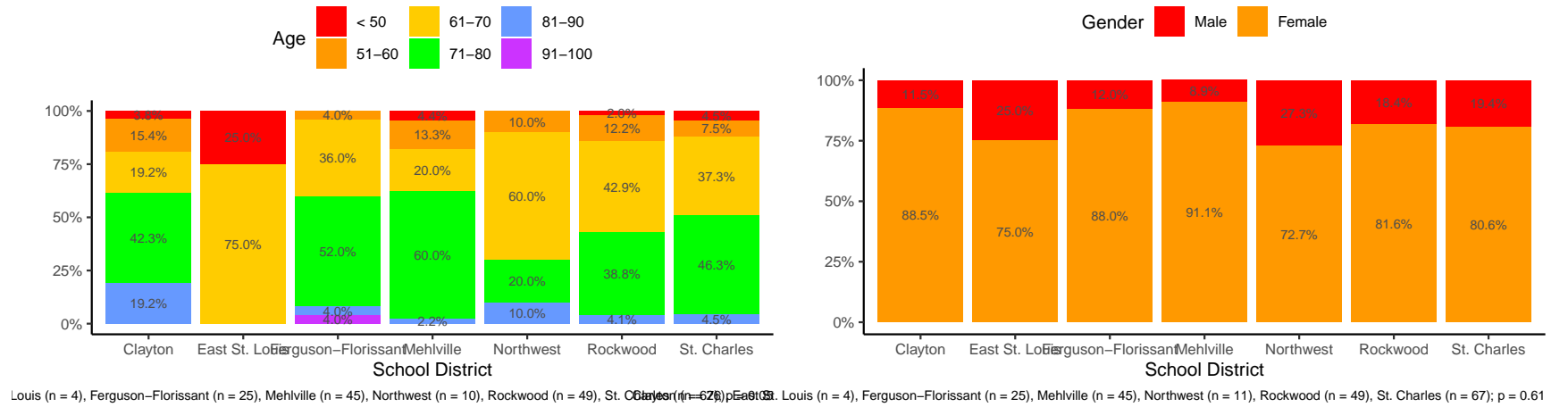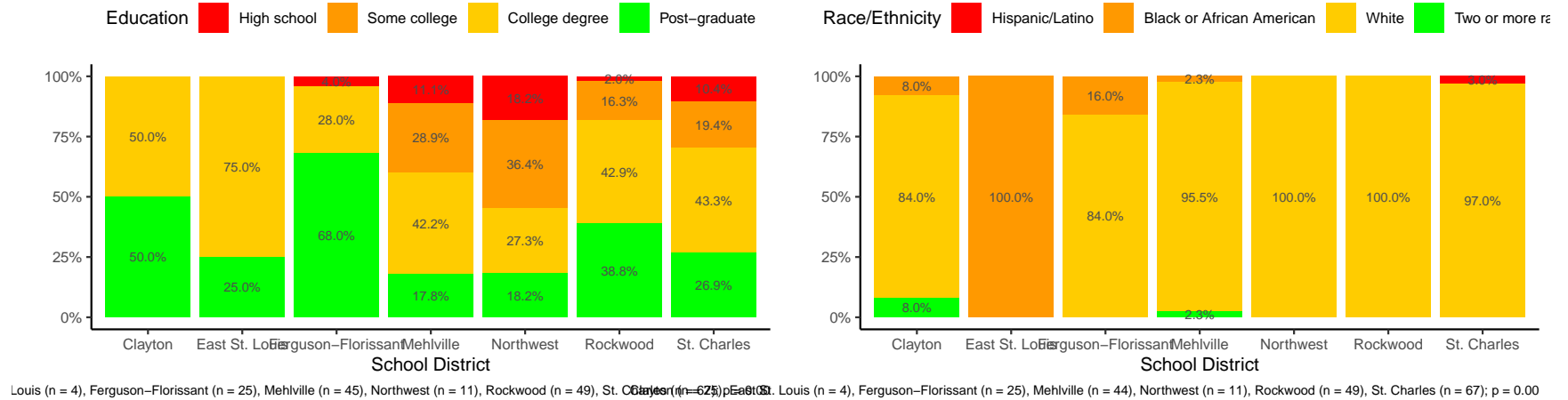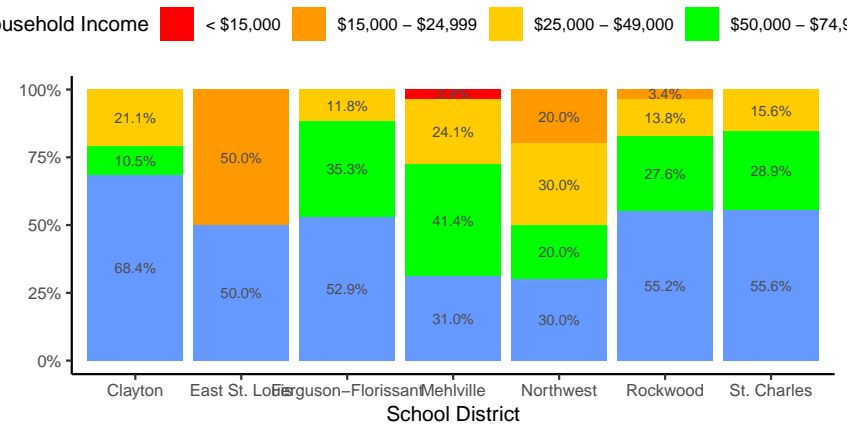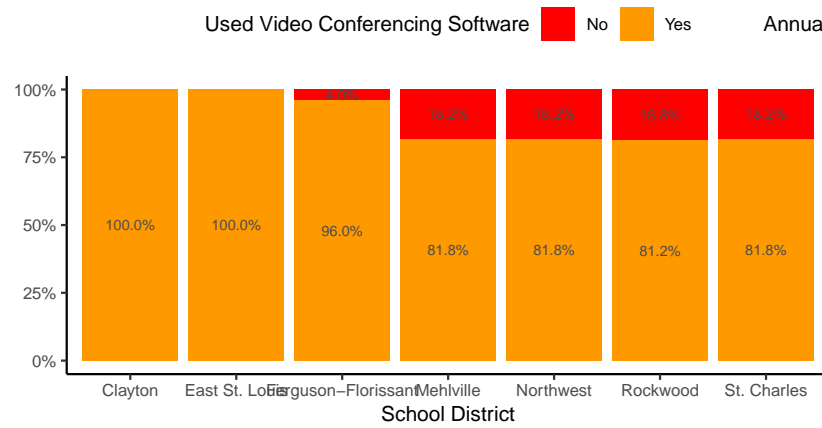
< $15,000 (n = 1), $15,000 − $24,999 (n = 4), $25,000 − $49,000 (n = 27), $50,000 − $74,999 (n = 43), > $75,000 (n = 79); p = 0.00

5 Respondent Characteristics by School Districts

Used Video Conferencing Software — No, Yes

Annual Household Income — < $15,000, $15,000 − $24,999, $25,000 − $49,000, $50,000 − $74,9...

Louis (n = 4), Ferguson−Florissant (n = 25), Mehlville (n = 44), Northwest (n = 11), Rockwood (n = 48), St. Charles (n = 66); p = 0.00 | Clayton (n = ...), East St. Louis (n = 4), Ferguson−Florissant (n = 17), Mehlville (n = 29), Northwest (n = 10), Rockwood (n = 29), St. Charles (n = 45); p = 0.00

Technology Devices at Home — 0, 2, 3, 4

Comfort Using Internet — Very uncomfortable, Uncomfortable, Comfortable, Very com...

Louis (n = 4), Ferguson−Florissant (n = 25), Mehlville (n = 45), Northwest (n = 11), Rockwood (n = 49), St. Charles (n = 67); p = 0.76 | Clayton (n = ...), East St. Louis (n = 4), Ferguson−Florissant (n = 24), Mehlville (n = 44), Northwest (n = 10), Rockwood (n = 47), St. Charles (n = 65); p = 0.15

Ease of Internet Use

Legend: Very Easy, Easy, Difficult, Have not used before

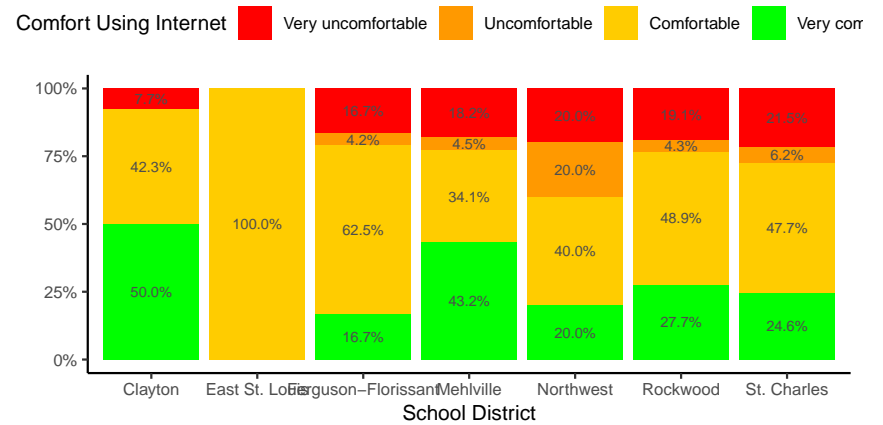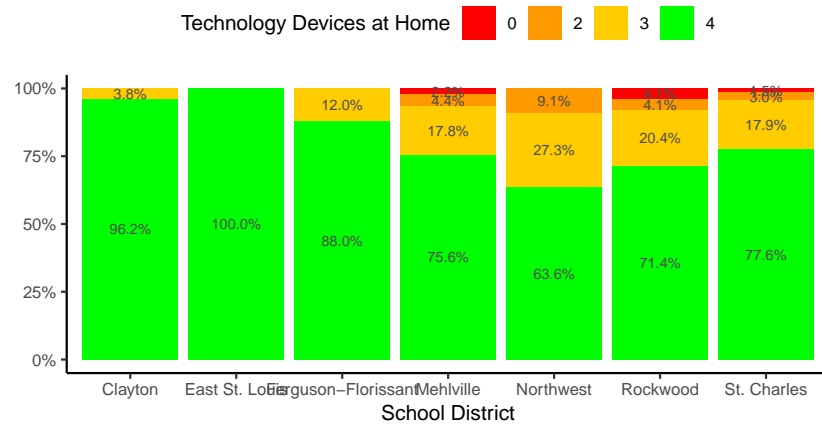| School District	Clayton	East St. Louis	Ferguson–Florissant	Mehlville	Northwest	Rockwood	St. Charles
Easy	42.3%	75.0%	52.0%	26.7%	60.0%	43.8%	41.5%
Difficult				6.7%	10.0%		4.6%
Have not used				2.2%		2.1%	

Louis (n = 4), Ferguson–Florissant (n = 25), Mehlville (n = 45), Northwest (n = 10), Rockwood (n = 48), St. Charles (n = 65); p = 0.48

Ease of Video Conferencing Software Use

Legend: Very Easy, Easy, Difficult, Have not used before

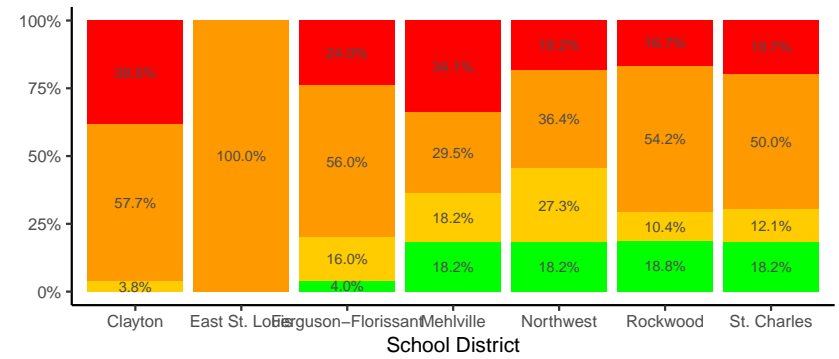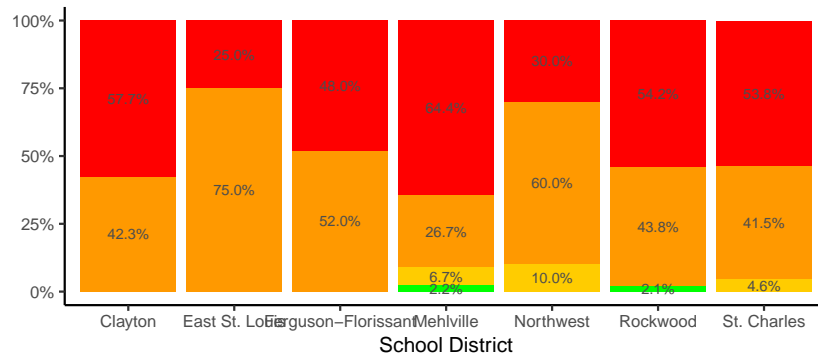| School District	Clayton	East St. Louis	Ferguson–Florissant	Mehlville	Northwest	Rockwood	St. Charles
Easy	57.7%	100.0%	56.0%	29.5%	36.4%	54.2%	50.0%
Difficult	3.8%		16.0%	18.2%	27.3%	10.4%	12.1%
Have not used			4.0%	18.2%	18.2%	18.8%	18.2%

Clayton (n = 26), East St. Louis (n = 4), Ferguson–Florissant (n = 25), Mehlville (n = 44), Northwest (n = 11), Rockwood (n = 48), St. Charles (n = 66); p = 0.08
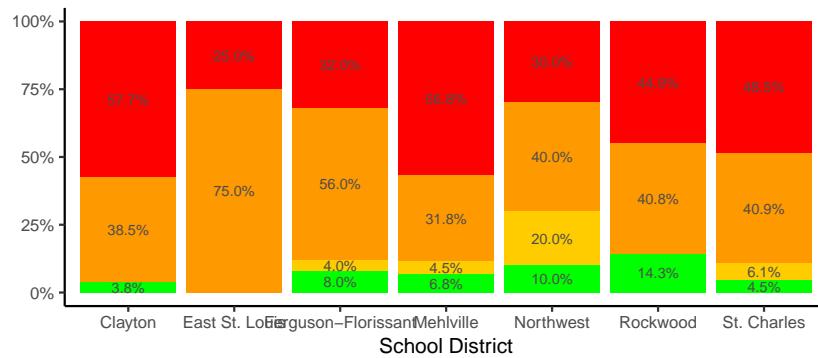
Ease of Smartphone Use

Legend: Very Easy, Easy, Difficult, Have not used before or do not ha

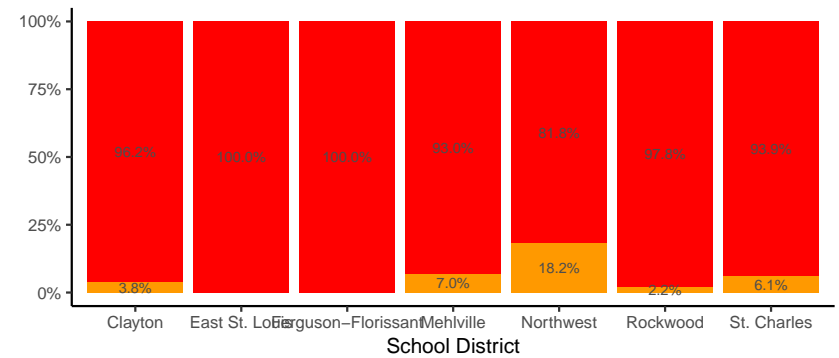| School District	Clayton	East St. Louis	Ferguson–Florissant	Mehlville	Northwest	Rockwood	St. Charles
Easy	38.5%	75.0%	56.0%	31.8%	40.0%	40.8%	40.9%
Difficult			4.0%	4.5%	20.0%		6.1%
Have not used	3.8%		8.0%	6.8%	10.0%	14.3%	4.5%

Louis (n = 4), Ferguson–Florissant (n = 25), Mehlville (n = 44), Northwest (n = 10), Rockwood (n = 49), St. Charles (n = 66); p = 0.23

Ease of Computer Use

Legend: Very easy or easy, Very difficult or difficult

School District	Clayton	East St. Louis	Ferguson–Florissant	Mehlville	Northwest	Rockwood	St. Charles
Very easy or easy	96.2%	100.0%	100.0%	93.0%	81.8%	97.8%	93.9%
Very difficult or difficult	3.8%			7.0%	18.2%	2.2%	6.1%

Clayton (n = 26), East St. Louis (n = 4), Ferguson–Florissant (n = 25), Mehlville (n = 43), Northwest (n = 11), Rockwood (n = 46), St. Charles (n = 66); p = 0.33