

Heat Maps of Barrier Responses

How Perceptions of Barriers and Risks Influences the Likelihood of STD Testing, Stratified by Gender and Age; Boise, Idaho 2015

Diana Gardner et al. 9/21/2016

Abstract: Perceived barriers and risks influencing STD testing in young adults in Boise, Idaho remains undefined. Young adults were surveyed in seven settings, with the goal of better understanding knowledge, attitudes and perceptions about STD testing in order to enhance STD prevention and diagnosis efforts in this population. A face-to-face survey was conducted containing 29 Likert-scale questions focused on knowledge, attitudes and perceptions toward STD prevention and diagnosis. Data was analyzed using SAS chi-square analysis with a 0.05 p value level of significance. Nearly 300 individuals completed the survey. There were 144 females and 139 males. Median age of participants was 20. Twice as many males stated they would not know where to get tested for STDs, compared to females (32% vs. 18%). More females 'reported likely to test' (RLT) if engaged in unprotected oral intercourse (46% vs. 35%), if their partner had a STD (94% vs. 85%), if they had intercourse with more than one person at a time (81% vs. 70%), or had intercourse while intoxicated (69% vs. 60%). Trending towards significance, more males RLT after engaging in unprotected or anal intercourse (41% vs. 32% p value 0.06). Over one-third of total respondents (37%) RLT if their roommate had a STD; 26% reported less likely to test after having unprotected sex. Overall, 32% of respondents stated not knowing where to get tested, and 50% reported cost as a barrier. Results stratified by gender showed more females than males, overall, would seek testing in the same sexual risk circumstances. Respondents 17 years and younger were less likely to seek testing under the majority of circumstances. Findings of this study suggest that increased education for STD prevention and diagnosis is needed for young adults living in Boise, Idaho.

Contents

Demographics Table	5
Dot density example	5
Q3.1 I would not know where to go to get tested	6
with Q3.2 I would worry about the cost of an STD test	6
with Q3.3 I would worry the STD medical exam may cause me pain or discomfort	7
with Q3.4 It would be embarrassing to inform my partners of my STD results	8
with Q3.5 I would worry about my partner's reaction if I informed them I have a positive STD result	9
with Q3.6 The fear of receiving a positive STD result would keep me from getting tested for STDs	10
with Q3.7 I would worry about my STD test results not being kept confidential	11
with Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	12
with Q3.9 I would worry about family members finding out that I was tested for STDs	13
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	14
with Q3.11 I would worry about my testing information being mailed to my address	15
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	16
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	17
Q3.2 I would worry about the cost of an STD test	18
with Q3.3 I would worry the STD medical exam may cause me pain or discomfort	18
with Q3.4 It would be embarrassing to inform my partners of my STD results	19
with Q3.5 I would worry about my partner's reaction if I informed them I have a positive STD result	20
with Q3.6 The fear of receiving a positive STD result would keep me from getting tested for STDs	21
with Q3.7 I would worry about my STD test results not being kept confidential	22
with Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	23
with Q3.9 I would worry about family members finding out that I was tested for STDs	24
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	25
with Q3.11 I would worry about my testing information being mailed to my address	26
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	27
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	28
Q3.3 I would worry the STD medical exam may cause me pain or discomfort	29
with Q3.4 It would be embarrassing to inform my partners of my STD results	29
with Q3.5 I would worry about my partner's reaction if I informed them I have a positive STD result	30

with Q3.6 The fear of receiving a positive STD result would keep me from getting tested for STDs	31
with Q3.7 I would worry about my STD test results not being kept confidential	32
with Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	33
with Q3.9 I would worry about family members finding out that I was tested for STDs	34
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	35
with Q3.11 I would worry about my testing information being mailed to my address	36
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	37
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	38
Q3.4 It would be embarrassing to inform my partners of my STD results	39
with Q3.5 I would worry about my partner's reaction if I informed them I have a positive STD result	39
with Q3.6 The fear of receiving a positive STD result would keep me from getting tested for STDs	40
with Q3.7 I would worry about my STD test results not being kept confidential	41
with Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	42
with Q3.9 I would worry about family members finding out that I was tested for STDs	43
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	44
with Q3.11 I would worry about my testing information being mailed to my address	45
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	46
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	47
Q3.5 I would worry about my partner's reaction if I informed them I have a positive STD result	48
with Q3.6 The fear of receiving a positive STD result would keep me from getting tested for STDs	48
with Q3.7 I would worry about my STD test results not being kept confidential	49
with Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	50
with Q3.9 I would worry about family members finding out that I was tested for STDs	51
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	52
with Q3.11 I would worry about my testing information being mailed to my address	53
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	54
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	55
Q3.6 The fear of receiving a positive STD result would keep me from getting tested for STDs	56
with Q3.7 I would worry about my STD test results not being kept confidential	56
with Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	57
with Q3.9 I would worry about family members finding out that I was tested for STDs	58

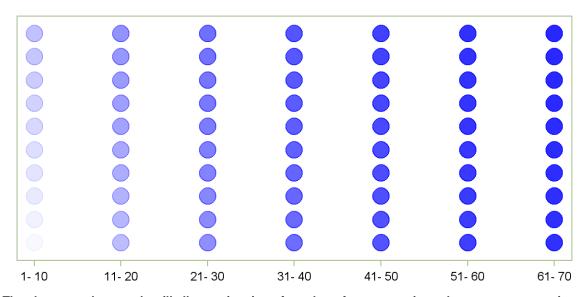
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	59
with Q3.11 I would worry about my testing information being mailed to my address	60
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	61
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	62
Q3.7 I would worry about my STD test results not being kept confidential	63
with Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	63
with Q3.9 I would worry about family members finding out that I was tested for STDs	64
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	65
with Q3.11 I would worry about my testing information being mailed to my address	66
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	67
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	68
Q3.8 Lack of access to a clinic could keep me from getting tested for STDs	69
with Q3.9 I would worry about family members finding out that I was tested for STDs	69
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	70
with Q3.11 I would worry about my testing information being mailed to my address	71
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	72
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	73
Q3.9 I would worry about family members finding out that I was tested for STDs	74
with Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	74
with Q3.11 I would worry about my testing information being mailed to my address	75
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	76
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	77
Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done	78
with Q3.11 I would worry about my testing information being mailed to my address	78
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	79
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	80
Q3.11 I would worry about my testing information being mailed to my address	81
with Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	81
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	82
Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs	83
with Q3.13 I would not feel comfortable talking about my sex life with people I don't know	83

Demographics Table for Reference

	Age				
Gender	17 or Younger	18-25	26 or Older	No response	All Ages
Female	47	63	34		144
Male	44	75	17	3	139
No response	1		3	9	13
Other	2	1	1		4
All Genders	94	139	55	12	300

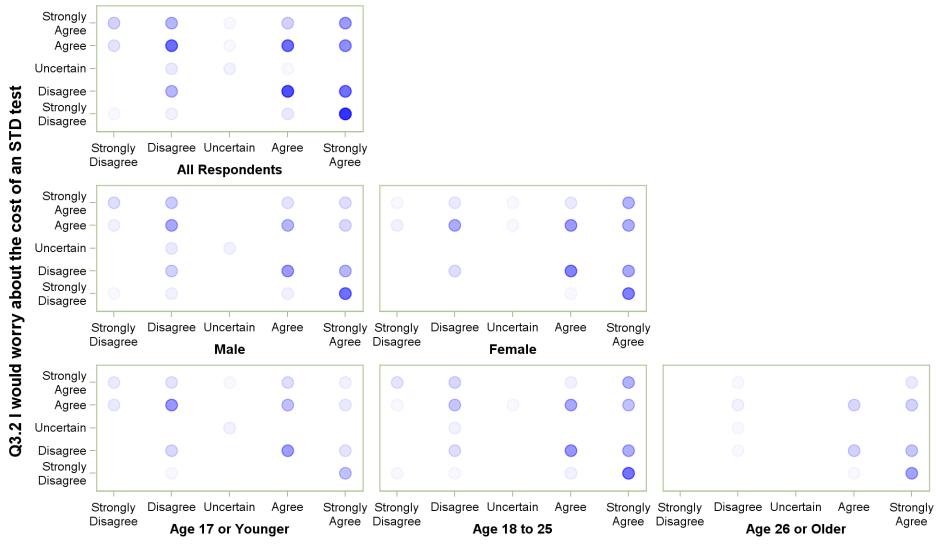
[&]quot;No Response" and "Other" responses are excluded from the age and gender charts due to low counts.

Dot density example



The above graph example will allow estimation of number of responses in each response comparison.

Q3.1 I would not know where to go to get tested with Q3.2 I would worry about the cost of an STD test



Q3.1 I would not know where to go to get tested

Q3.1 I would not know where to go to get tested with Q3.3 I would worry the STD medical exam may cause me pain or discomfort



Q3.1 I would not know where to go to get tested

Q3.1 I would not know where to go to get tested with Q3.4 It would be embarrassing to inform my partners of my STD results



Q3.1 I would not know where to go to get tested

Q3.1 I would not know where to go to get tested with Q3.5 I would worry about my partner's reaction if I informed them I have a positive STD result



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Q3.1 I would not know where to go to get tested with Q3.6 The fear of receiving a positive STD result would keep me from getting tested for STDs



Q3.1 I would not know where to go to get tested

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Q3.1 I would not know where to go to get tested

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Q3.1 I would not know where to go to get tested

Q3.2 I would worry about the cost of an STD test with Q3.3 I would worry the STD medical exam may cause me pain or discomfort



Q3.2 I would worry about the cost of an STD test

Q3.2 I would worry about the cost of an STD test with Q3.4 It would be embarrassing to inform my partners of my STD results



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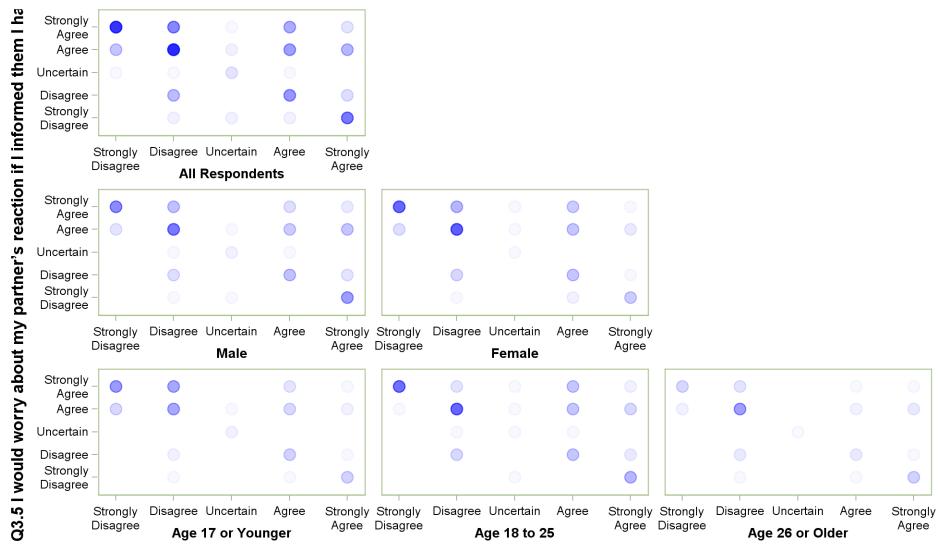
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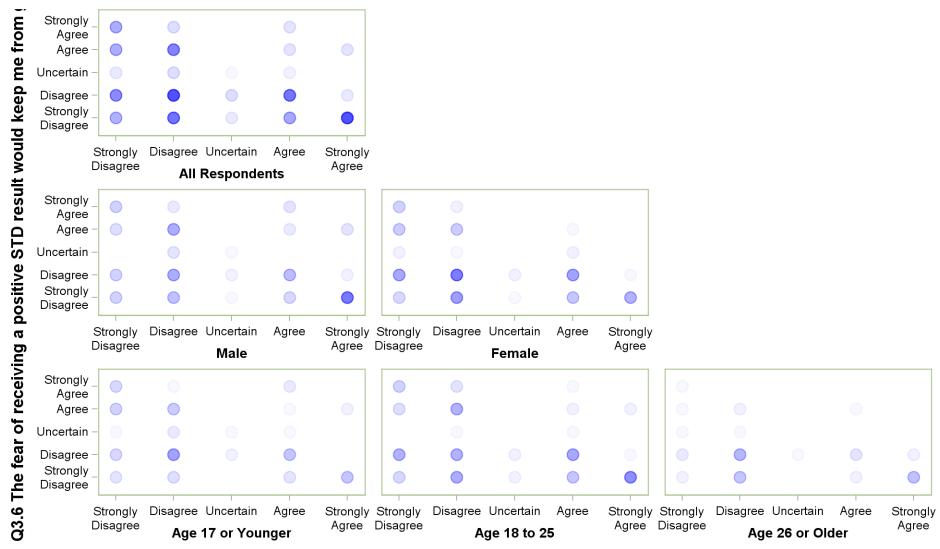
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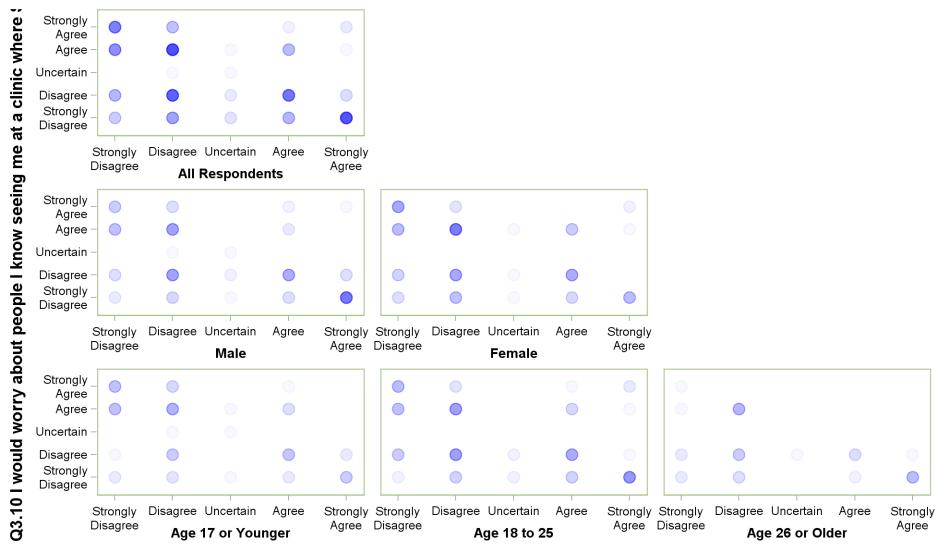
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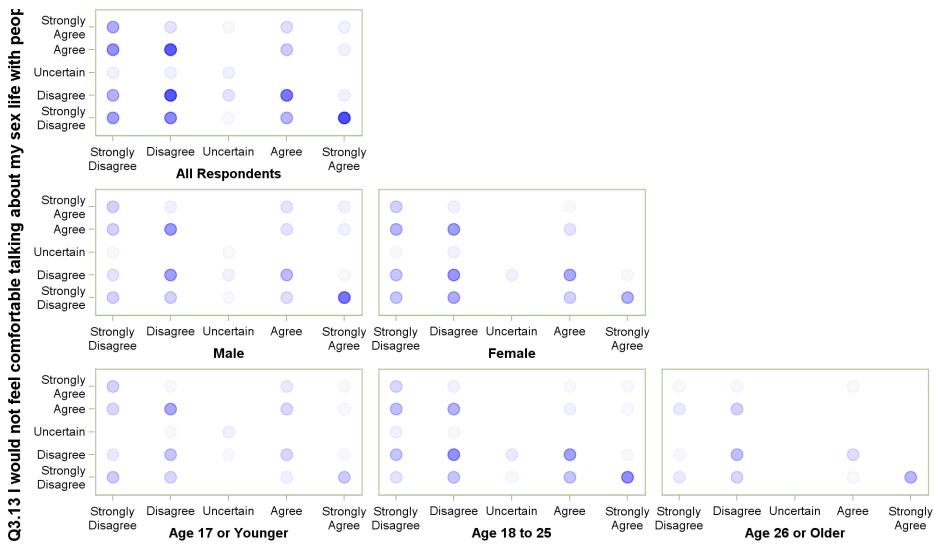
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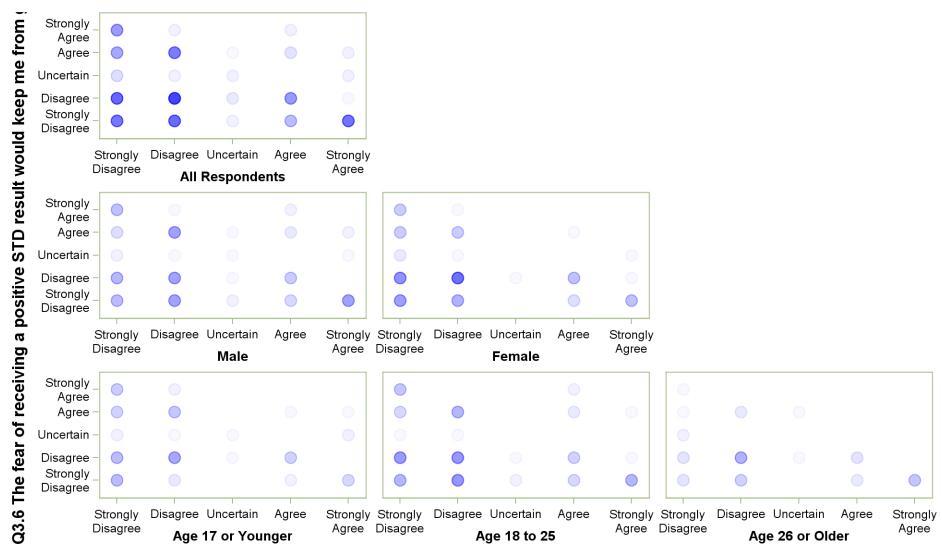
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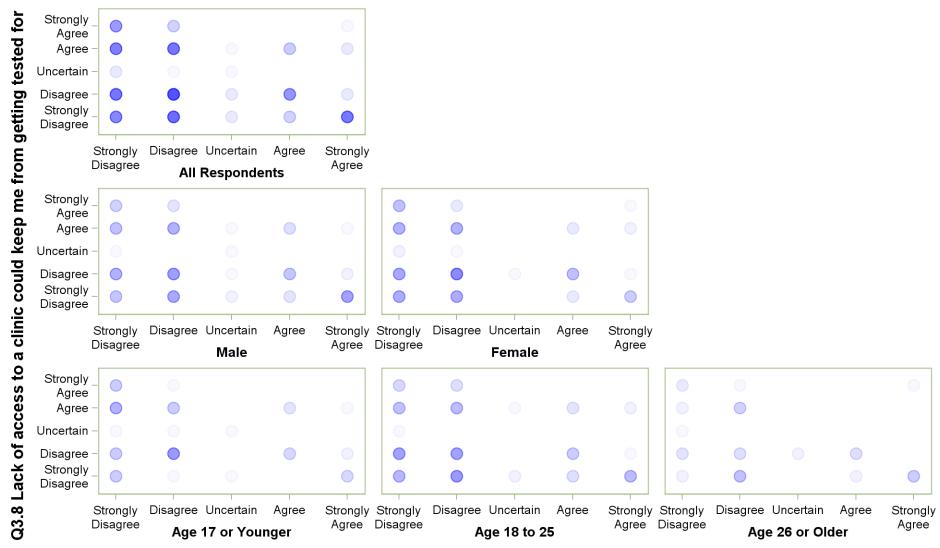
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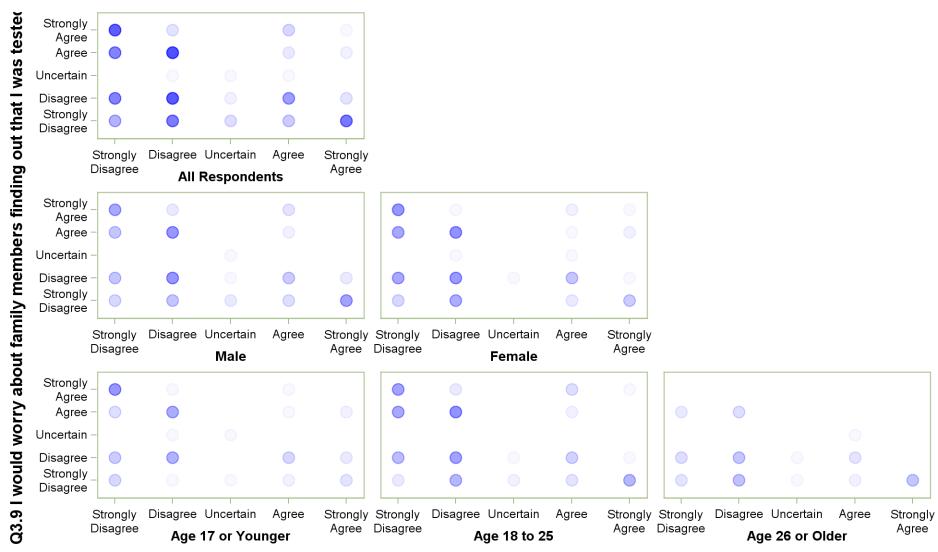
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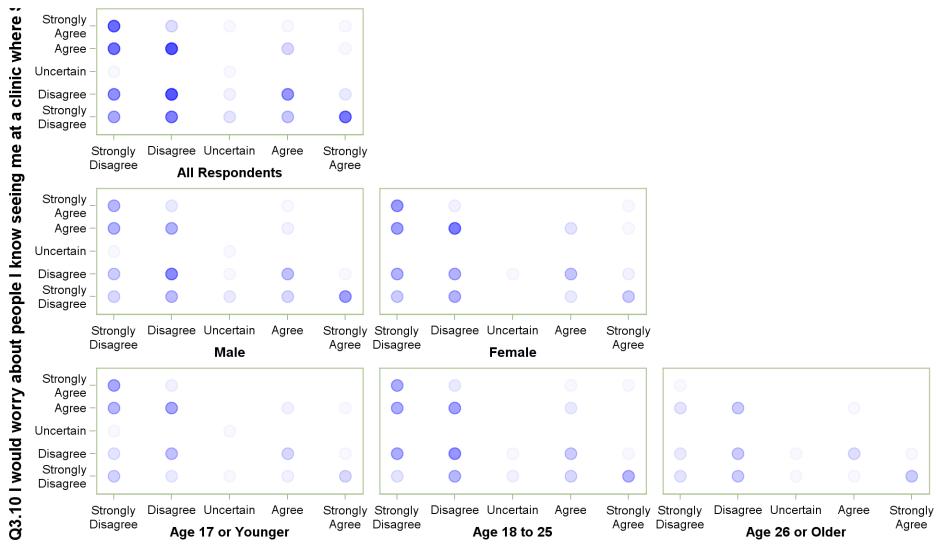
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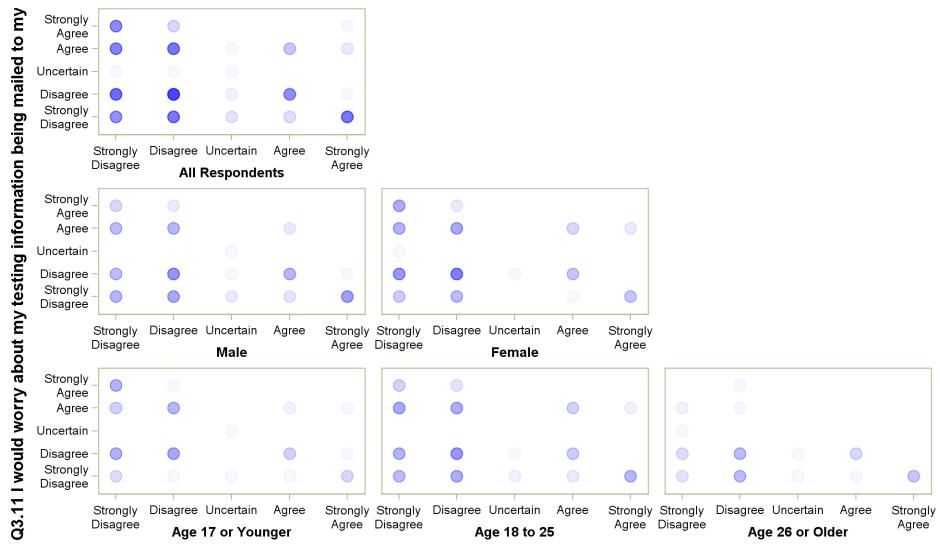
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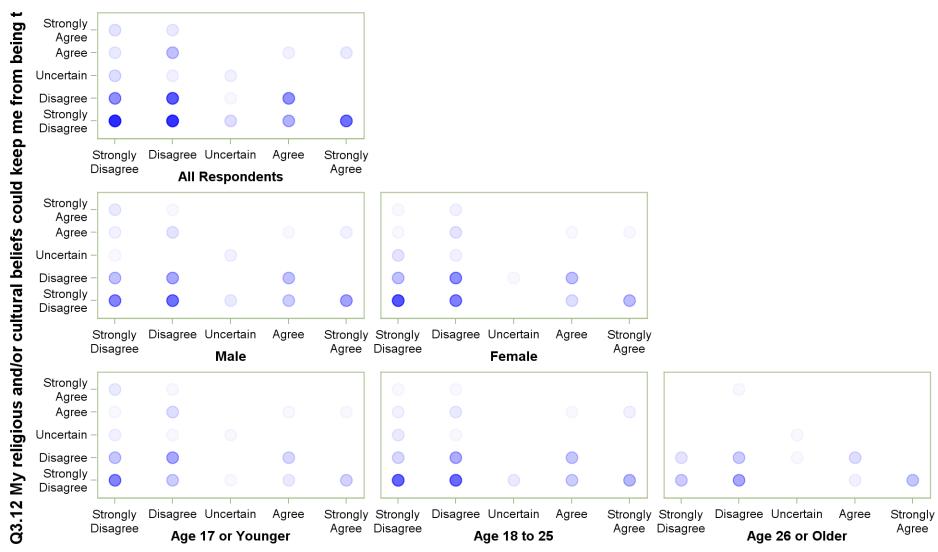
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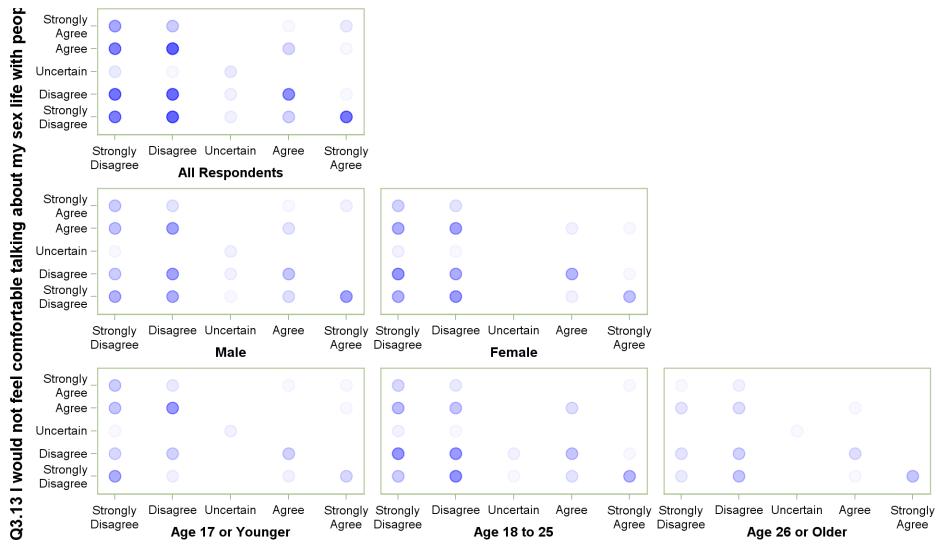
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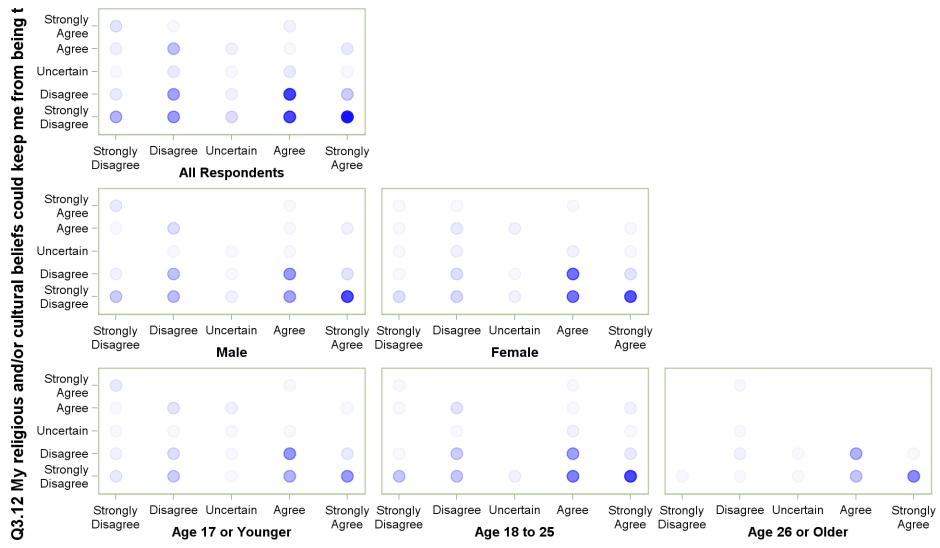
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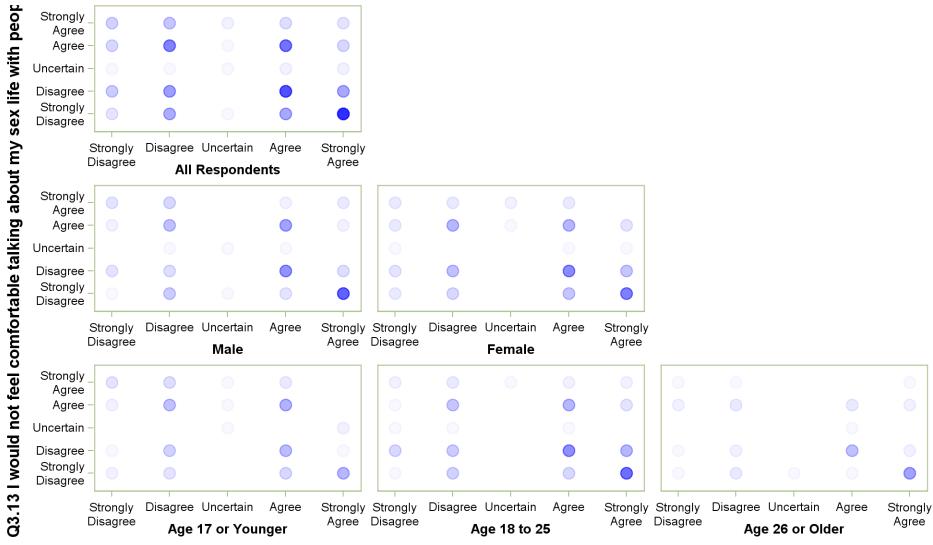
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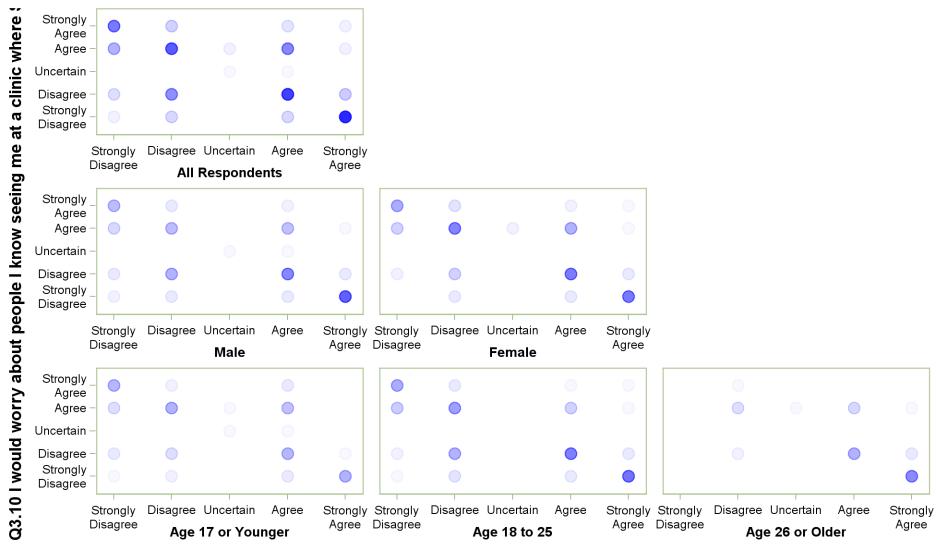
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Q3.9 I would worry about family members finding out that I was tested for STDs

Q3.10 I would worry about people I know seeing me at a clinic where STD testing is done with Q3.11 I would worry about my testing information being mailed to my address



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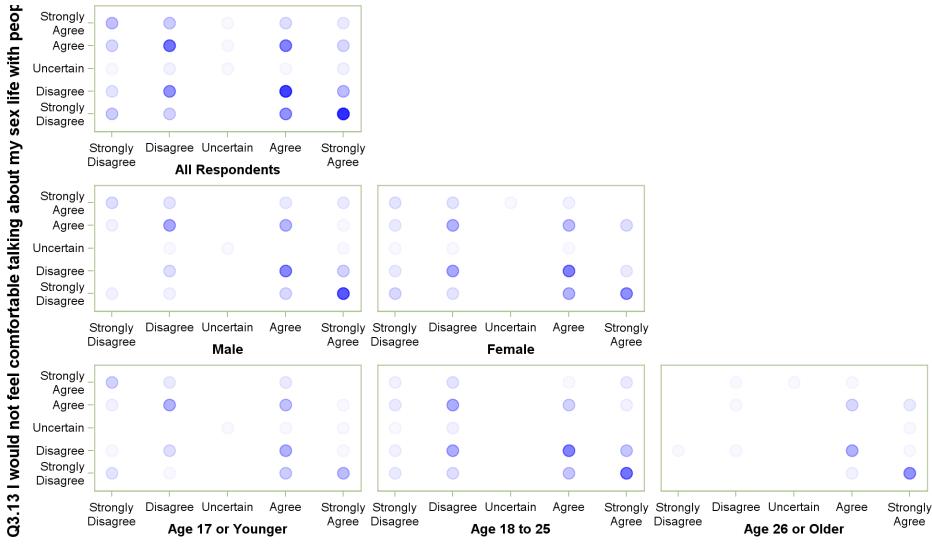
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Q3.12 My religious and/or cultural beliefs could keep me from being tested for STDs