Psychiatric Symptoms of Veterans Surveyed Through Facebook Ads

Benjamin Chan (chanb@ohsu.edu)

2017-09-26 11:05:58

# Read data

**Most of this code was developed in Phase 1.** Results will be suppressed for brevity.

**Use only the REDCap survey data**

Notes on the REDCap identifier variables:

* If [consent] == 1, they started the eligibility survey;
* if == 0 or == NA, they didn't.
* If [consent\_and\_eligibility\_complete] == 2, they finished the screener (whether eligible or ineligible);
* if == 0, they dropped out or never started.
* If [eligible] == 1, they completed the screener and were eligible;
* if == 0, they completed and were ineligible;
* if == NA , they dropped out or never started.
* If [veterans\_and\_social\_media\_use\_co] == 2, they finished the survey;
* if == 0, they dropped out or never started (this includes people who were ineligible or didn't consent).
* If [analytic\_sample] == 0, they completed the survey but were disqualified for data quality reasons;
* if == 1, they completed survey and was not disqualified for data quality reasons;
* if == NA, they didn't complete the survey.

Inclusion criteria

* Respondents who consented
* Eligible, ineligible, or missing eligibility indicator

**Number included: n = 1329**

Cleaning

* Parse out fba into 2 separate variables for image and text
* Assign indicator for survey participation, indSurveyParticipation
* analytic\_sample == 1: Participant completed survey and was not disqualified for data quality reasons
* Assign indicator for eligibility screener participation, indScreenerParticipation
* eligible == 1: Participant completed eligibility screener and was eligible to participate in full survey

## Use of VA health services

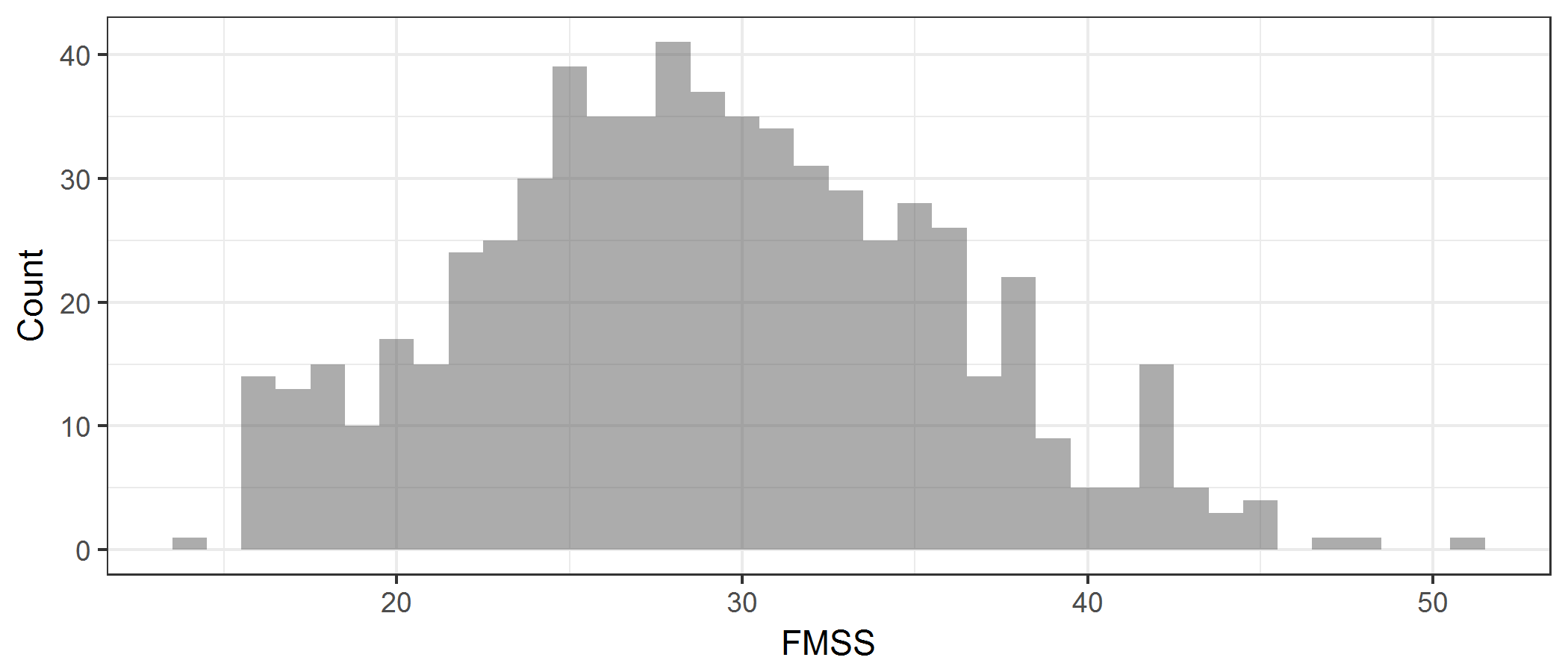
Recoding logic

* Primary analysis will code 9 (not sure) as 0 (No)
* Sensitivity analysis will exclude the 9 values from the analysis
* If va\_ever\_enrolled == FALSE & is.na(va\_use\_12mo), then recode va\_use\_12mo to FALSE
* If va\_use\_12mo == TRUE & va\_ever\_enrolled == FALSE, then recode va\_ever\_enrolled to TRUE
* Code indicators indVANeverEnrolled and indVANotUse12mo as the logical opposites of va\_ever\_enrolled and va\_use\_12mo

## Independent variables

* Score the Modified Facebook Measure of Social Support (FMSS)
* Reverse-scored items are fmss\_r7 through fmss\_r10

Check.



plot of chunk histogramFMSS

## Dependent variables

### Psychiatric symptoms (RQ1)

Code indicators for psychiatric disorder screening scales

* PTSD
* Name of scale: PC-PTSD
* Positive screen: ptsd\_intrusive + ptsd\_avoidant + ptsd\_guarded + ptsd\_numb + ptsd\_guilty 3
* Major depression
* Name of scale: PHQ-2
* Positive screen: phq\_interest + phq\_mood 3
* Alcohol misuse
* Name of scale: AUDIT-C
* Positive screen: auditc\_freq + auditc\_amount + auditc\_binge 4 for men, 3 for women

Presence of suicidality is defined as DSI-SS score 2. This cut-off score was chosen based on recommendations for population-based samples noted in [von Glischinski M Clin Psychol Psychotherapy 2015](http://onlinelibrary.wiley.com/doi/10.1002/cpp.2007/full)

* Score the DSI-SS inventory
* See [Joiner 2002](http://www.sciencedirect.com/science/article/pii/S0005796701000171)
* *Scores on each item range from 0 to 3 and, for the inventory, from 0 to 12, with higher scores reflecting greater severity of suicidal ideation.*

Check.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indPTSD | mean | sd | min | max | n | freq |
| ptsd | FALSE | 0.9 | 0.9 | 0 | 2 | 255 | 47.9% |
| ptsd | TRUE | 4.2 | 0.8 | 3 | 5 | 277 | 52.1% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indPHQ | mean | sd | min | max | n | freq |
| phq | FALSE | 0.9 | 0.9 | 0 | 2 | 448 | 72.3% |
| phq | TRUE | 4.5 | 1.2 | 3 | 6 | 172 | 27.7% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indAuditC | mean | sd | min | max | n | freq |
| auditc | FALSE | 1.8 | 0.8 | 1 | 3 | 246 | 49.0% |
| auditc | TRUE | 5.8 | 2.1 | 3 | 12 | 256 | 51.0% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indDSISS | mean | sd | min | max | n | freq |
| dsiss | FALSE | 0.1 | 0.3 | 0 | 1 | 482 | 78.2% |
| dsiss | TRUE | 3.9 | 1.6 | 2 | 9 | 134 | 21.8% |

Also create logical opposite for use in RQ3 modeling

### Social media use (RQ2)

* Spending more time on Facebook?
* Frequency of Facebook use: fb\_freq
* Active use of Facebook: comm\_facebook
* Sharing more personal or health-related information on social media?
* sm\_emot\_support
* sm\_med\_info
* sm\_med\_advice
* sm\_med\_questions
* sm\_share\_sympt
* sm\_share\_health
* sm\_share\_suicide

Mutate variables to factors.

## Covariates

* Social media platforms used: sm\_used\_\_\_1, ..., sm\_used\_\_\_7, sm\_used\_\_\_99, sm\_used\_other
* Recode the following sm\_used\_other values such that sm\_used\_\_\_99 = 0
  + I use Wikipedia to read about illnesses I don't have; it's a curiosity/hobby thing.
  + just in person
  + Just plain internet search
  + TV/phone conversations, veterans group meetings
  + google; bing
  + aol
  + e-mail
  + Web MD
  + webmd
* Offline social contact: comm\_inperson
* History of suicidal ideation and suicide attempts
* suicide\_considered\_ever
* suicide\_considered\_12mo
* suicide\_attempts

Check.

|  |  |  |
| --- | --- | --- |
| smOther | sm\_used\_other | n |
| FALSE |  | 1289 |
| FALSE | aol | 1 |
| FALSE | e-mail | 1 |
| FALSE | google; bing | 1 |
| FALSE | I use Wikipedia to read about illnesses I don't have; it's a curiosity/hobby thing. | 1 |
| FALSE | just in person | 1 |
| FALSE | Just plain internet search | 1 |
| FALSE | TV/phone conversations, veterans group meetings | 1 |
| FALSE | Web MD, | 1 |
| FALSE | webmd | 1 |
| TRUE | 4chan | 2 |
| TRUE | Gmail Hangouts; Reddit.com | 1 |
| TRUE | Google+ | 2 |
| TRUE | I used LiveJournal for the majority of my service as well as my deployment to Iraq | 1 |
| TRUE | light fighter | 1 |
| TRUE | Linked In | 1 |
| TRUE | LinkedIn, Snapchat | 1 |
| TRUE | LiveJournal | 1 |
| TRUE | MIL.MIL | 1 |
| TRUE | Ravelry Forums | 1 |
| TRUE | reddit | 4 |
| TRUE | Reddit | 5 |
| TRUE | Reddit, 4Chan | 1 |
| TRUE | Snao Chat | 1 |
| TRUE | snapchat | 3 |
| TRUE | Snapchat | 1 |
| TRUE | SnapChat | 1 |
| TRUE | vetsprevail,patients like me | 1 |
| TRUE | webmd, mayoclinic,wikipedia, va | 1 |
| TRUE | www.coping-with-epilepsy.com | 1 |

|  |  |
| --- | --- |
| countSocialMediaExclFB | n |
| 0 | 1059 |
| 1 | 154 |
| 2 | 80 |
| 3 | 22 |
| 4 | 12 |
| 5 | 2 |

|  |  |
| --- | --- |
| comm\_inperson | n |
| Several times a day | 202 |
| Once a day | 74 |
| A few times a week | 135 |
| Once a week | 80 |
| Every few weeks or less often | 209 |
| NA | 629 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| indSuicideConsideredEver | indSuicideConsidered12mo | indSuicideAttempt | countSuicideAttempts | n |
| NA | NA | NA | NaN | 713 |
| FALSE | FALSE | FALSE | 0 | 350 |
| TRUE | FALSE | FALSE | 0 | 144 |
| TRUE | FALSE | TRUE | 1 | 34 |
| TRUE | TRUE | FALSE | 0 | 29 |
| TRUE | FALSE | TRUE | 2 | 19 |
| TRUE | TRUE | TRUE | 1 | 11 |
| TRUE | FALSE | TRUE | 3 | 9 |
| TRUE | TRUE | TRUE | 3 | 8 |
| TRUE | TRUE | TRUE | 2 | 7 |
| TRUE | FALSE | TRUE | 4 | 2 |
| TRUE | FALSE | TRUE | 5 | 2 |
| TRUE | TRUE | TRUE | 5 | 1 |

# Research Question 1

**Is perceived social support received from Facebook (FMSS) associated with lower rates of**

* Positive screens for psychiatric disorders
* PC-PTSD
* PHQ-2
* AUDIT-C
* Positive screen for suicidality?
* DSI-SS

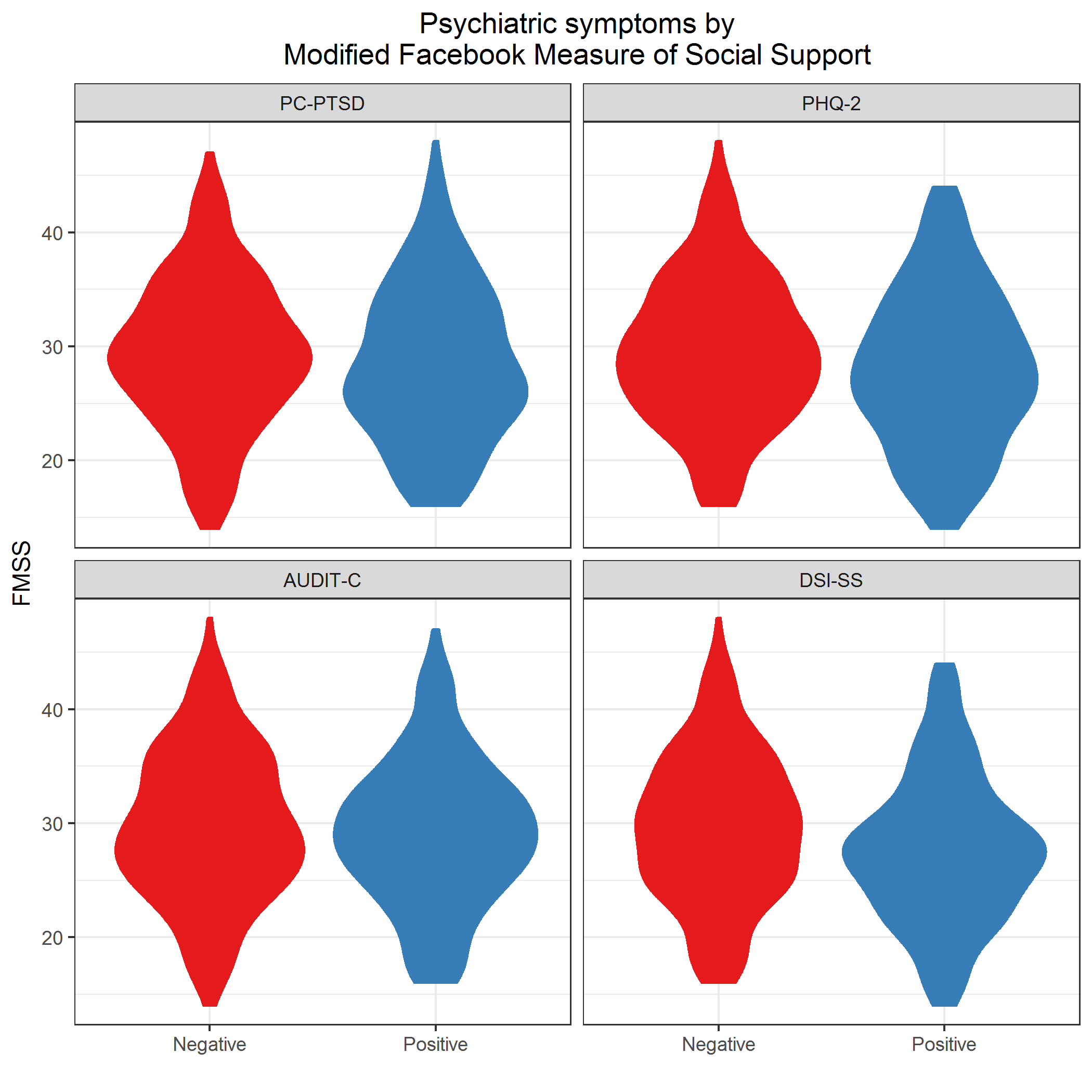
## Unadjusted comparisons

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indPTSD | mean | sd | min | max | n | freq |
| fmss | FALSE | 29.4 | 6.6 | 14 | 47 | 245 | 47.4% |
| fmss | TRUE | 28.4 | 6.8 | 16 | 48 | 272 | 52.6% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indPHQ | mean | sd | min | max | n | freq |
| fmss | FALSE | 29.5 | 6.4 | 16 | 48 | 436 | 72.3% |
| fmss | TRUE | 28.0 | 6.8 | 14 | 44 | 167 | 27.7% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indAuditC | mean | sd | min | max | n | freq |
| fmss | FALSE | 29.7 | 6.6 | 14 | 48 | 241 | 49.4% |
| fmss | TRUE | 29.1 | 6.4 | 16 | 47 | 247 | 50.6% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indDSISS | mean | sd | min | max | n | freq |
| fmss | FALSE | 29.5 | 6.6 | 16 | 48 | 469 | 78.3% |
| fmss | TRUE | 27.6 | 6.4 | 14 | 44 | 130 | 21.7% |



plot of chunk plot2GroupsRQ1

## Adjusted comparisons

Filter subjects with missing covariates.

### PC-PTSD

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 2.092 | 0.395 | 1.870 | 0.062 |
| Unadjusted | fmss | 0.978 | 0.013 | -1.664 | 0.096 |
| Adjusted | (Intercept) | 0.743 | 0.464 | -0.642 | 0.521 |
| Adjusted | fmss | 0.981 | 0.015 | -1.307 | 0.191 |
| Adjusted | countSocialMediaExclFB | 1.027 | 0.097 | 0.270 | 0.787 |
| Adjusted | comm\_inpersonOnce a day | 1.419 | 0.348 | 1.006 | 0.315 |
| Adjusted | comm\_inpersonA few times a week | 1.321 | 0.274 | 1.015 | 0.310 |
| Adjusted | comm\_inpersonOnce a week | 1.918 | 0.333 | 1.956 | 0.050 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.770 | 0.251 | 4.060 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.085 | 0.211 | 3.484 | 0.000 |
| Adjusted | countSuicideAttempts | 1.675 | 0.175 | 2.952 | 0.003 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 704.395 | 508 | -350.803 | 705.606 | 714.071 | 701.606 | 507 |
| Adjusted | 704.395 | 508 | -318.709 | 655.418 | 693.510 | 637.418 | 500 |

### PHQ-2

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.147 | 0.416 | 0.330 | 0.741 |
| Unadjusted | fmss | 0.963 | 0.014 | -2.672 | 0.008 |
| Adjusted | (Intercept) | 0.330 | 0.489 | -2.268 | 0.023 |
| Adjusted | fmss | 0.970 | 0.015 | -2.005 | 0.045 |
| Adjusted | countSocialMediaExclFB | 0.972 | 0.103 | -0.278 | 0.781 |
| Adjusted | comm\_inpersonOnce a day | 0.999 | 0.410 | -0.003 | 0.998 |
| Adjusted | comm\_inpersonA few times a week | 0.985 | 0.314 | -0.048 | 0.961 |
| Adjusted | comm\_inpersonOnce a week | 2.073 | 0.329 | 2.216 | 0.027 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.642 | 0.259 | 3.752 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.969 | 0.218 | 4.998 | 0.000 |
| Adjusted | countSuicideAttempts | 1.232 | 0.123 | 1.699 | 0.089 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 703.22 | 595 | -347.957 | 699.914 | 708.694 | 695.914 | 594 |
| Adjusted | 703.22 | 595 | -312.064 | 642.127 | 681.639 | 624.127 | 587 |

### AUDIT-C

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.535 | 0.421 | 1.018 | 0.309 |
| Unadjusted | fmss | 0.987 | 0.014 | -0.962 | 0.336 |
| Adjusted | (Intercept) | 0.897 | 0.472 | -0.231 | 0.818 |
| Adjusted | fmss | 0.990 | 0.014 | -0.701 | 0.484 |
| Adjusted | countSocialMediaExclFB | 1.061 | 0.095 | 0.616 | 0.538 |
| Adjusted | comm\_inpersonOnce a day | 1.268 | 0.338 | 0.704 | 0.482 |
| Adjusted | comm\_inpersonA few times a week | 1.150 | 0.263 | 0.532 | 0.595 |
| Adjusted | comm\_inpersonOnce a week | 1.828 | 0.327 | 1.846 | 0.065 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.656 | 0.247 | 2.041 | 0.041 |
| Adjusted | indSuicideConsideredEverTRUE | 1.481 | 0.210 | 1.876 | 0.061 |
| Adjusted | countSuicideAttempts | 0.876 | 0.131 | -1.009 | 0.313 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 670.834 | 483 | -334.953 | 673.906 | 682.270 | 669.906 | 482 |
| Adjusted | 670.834 | 483 | -329.692 | 677.384 | 715.023 | 659.384 | 475 |

### DSI-SS

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.025 | 0.450 | 0.056 | 0.956 |
| Unadjusted | fmss | 0.955 | 0.016 | -2.933 | 0.003 |
| Adjusted | (Intercept) | 0.250 | 0.547 | -2.533 | 0.011 |
| Adjusted | fmss | 0.958 | 0.017 | -2.544 | 0.011 |
| Adjusted | countSocialMediaExclFB | 1.056 | 0.109 | 0.501 | 0.616 |
| Adjusted | comm\_inpersonOnce a day | 0.950 | 0.463 | -0.111 | 0.911 |
| Adjusted | comm\_inpersonA few times a week | 1.097 | 0.333 | 0.277 | 0.782 |
| Adjusted | comm\_inpersonOnce a week | 1.432 | 0.358 | 1.004 | 0.315 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.572 | 0.290 | 1.557 | 0.119 |
| Adjusted | indSuicideConsideredEverTRUE | 5.764 | 0.254 | 6.898 | 0.000 |
| Adjusted | countSuicideAttempts | 1.258 | 0.121 | 1.893 | 0.058 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 622.664 | 595 | -306.892 | 617.784 | 626.565 | 613.784 | 594 |
| Adjusted | 622.664 | 595 | -262.037 | 542.074 | 581.586 | 524.074 | 587 |

# Research Question 2

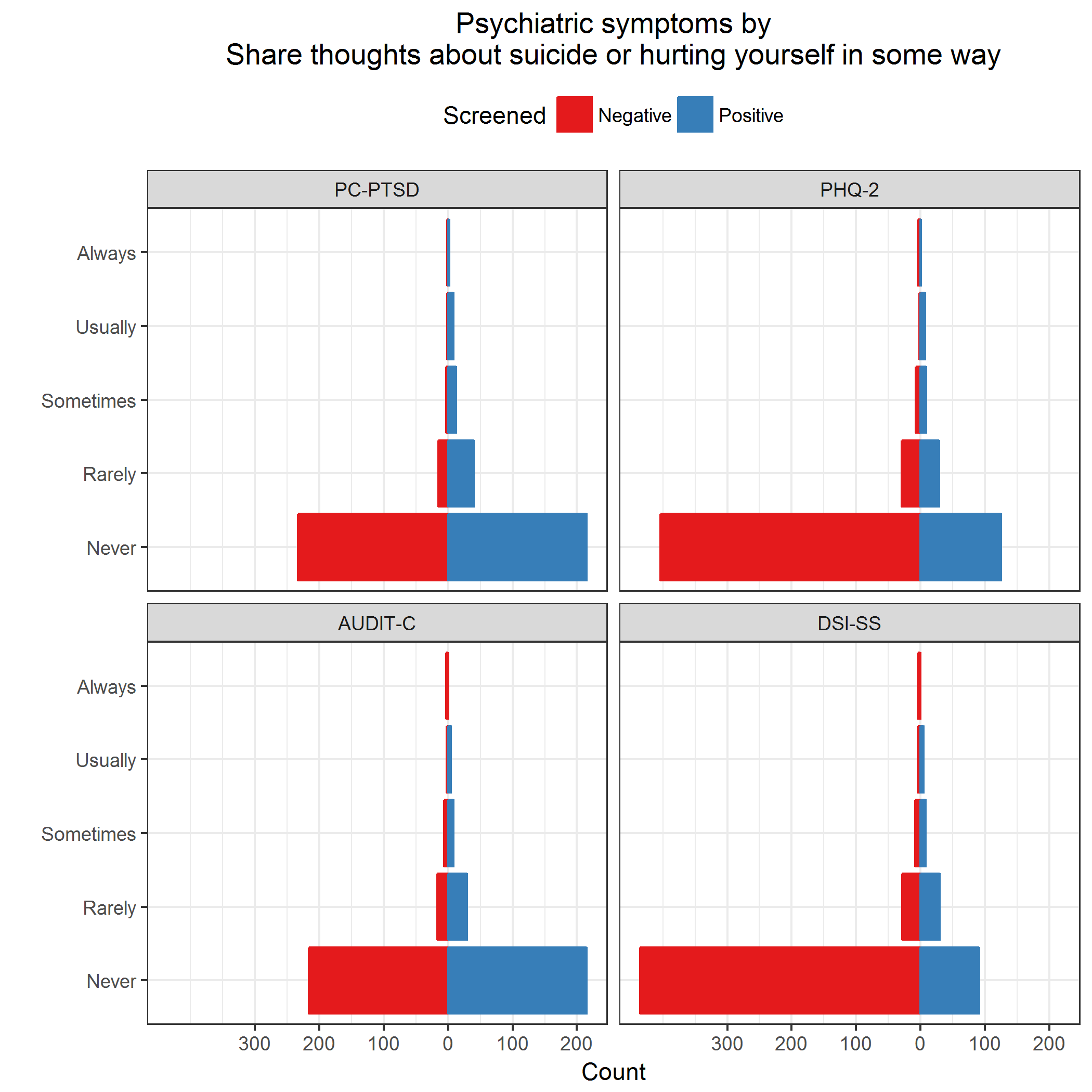
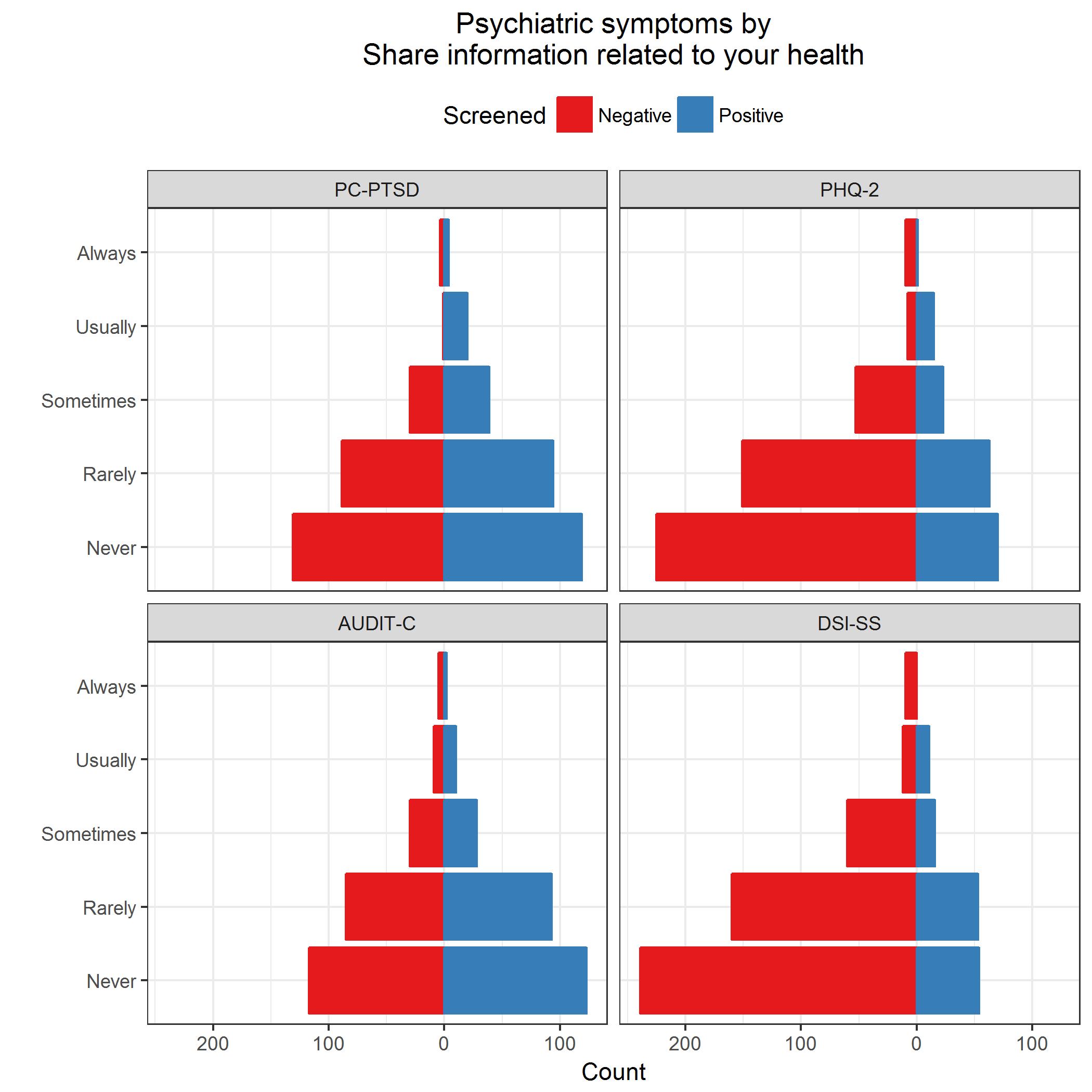
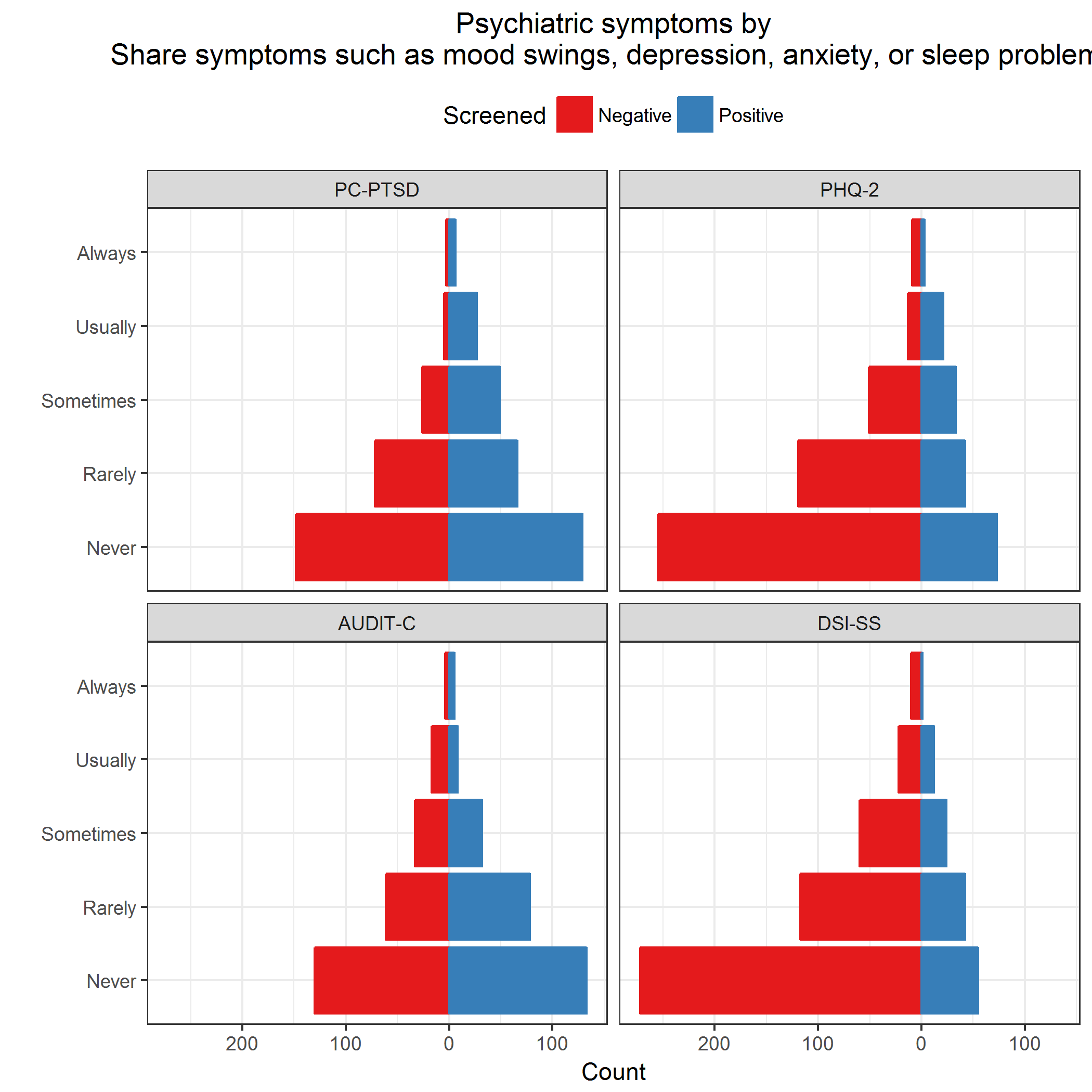
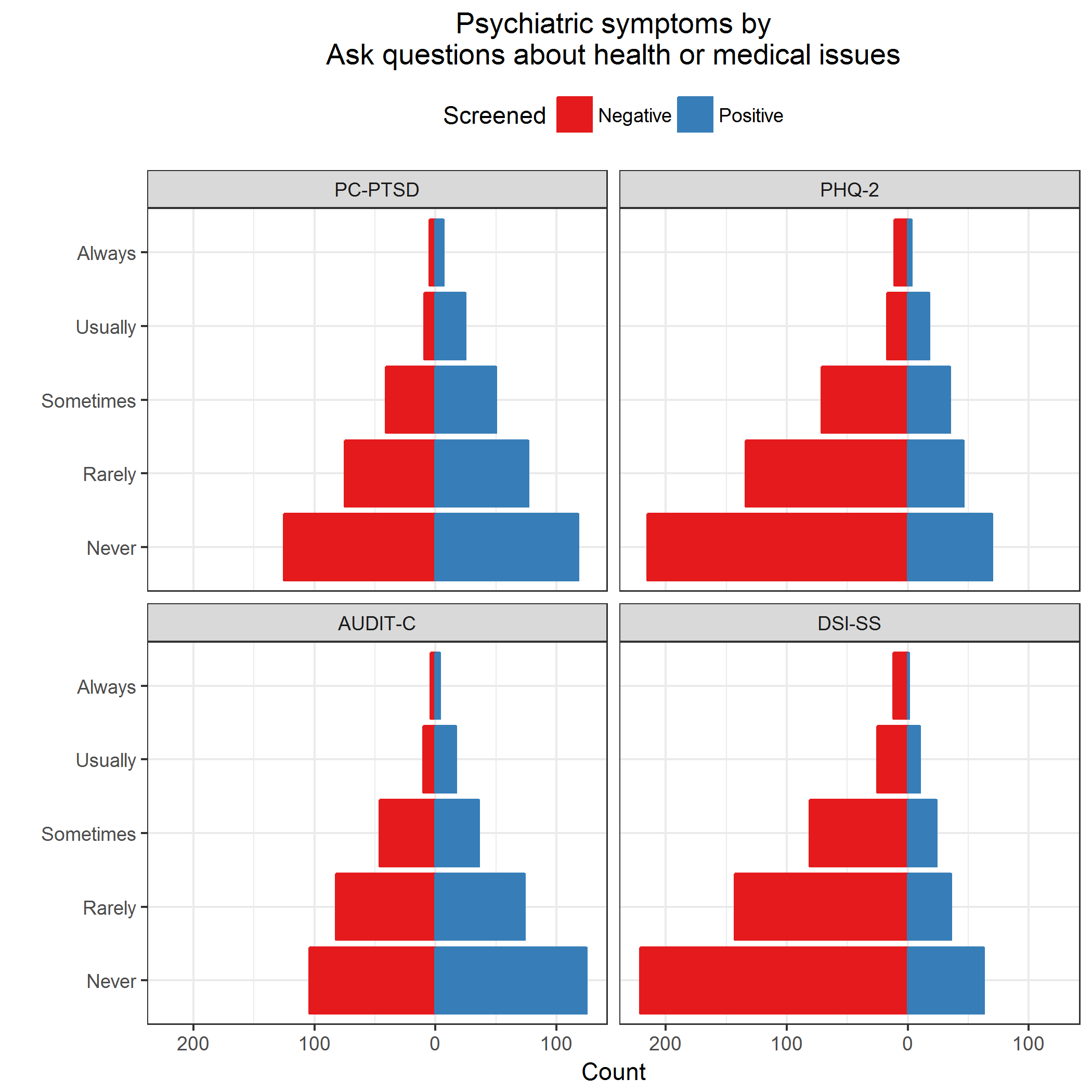
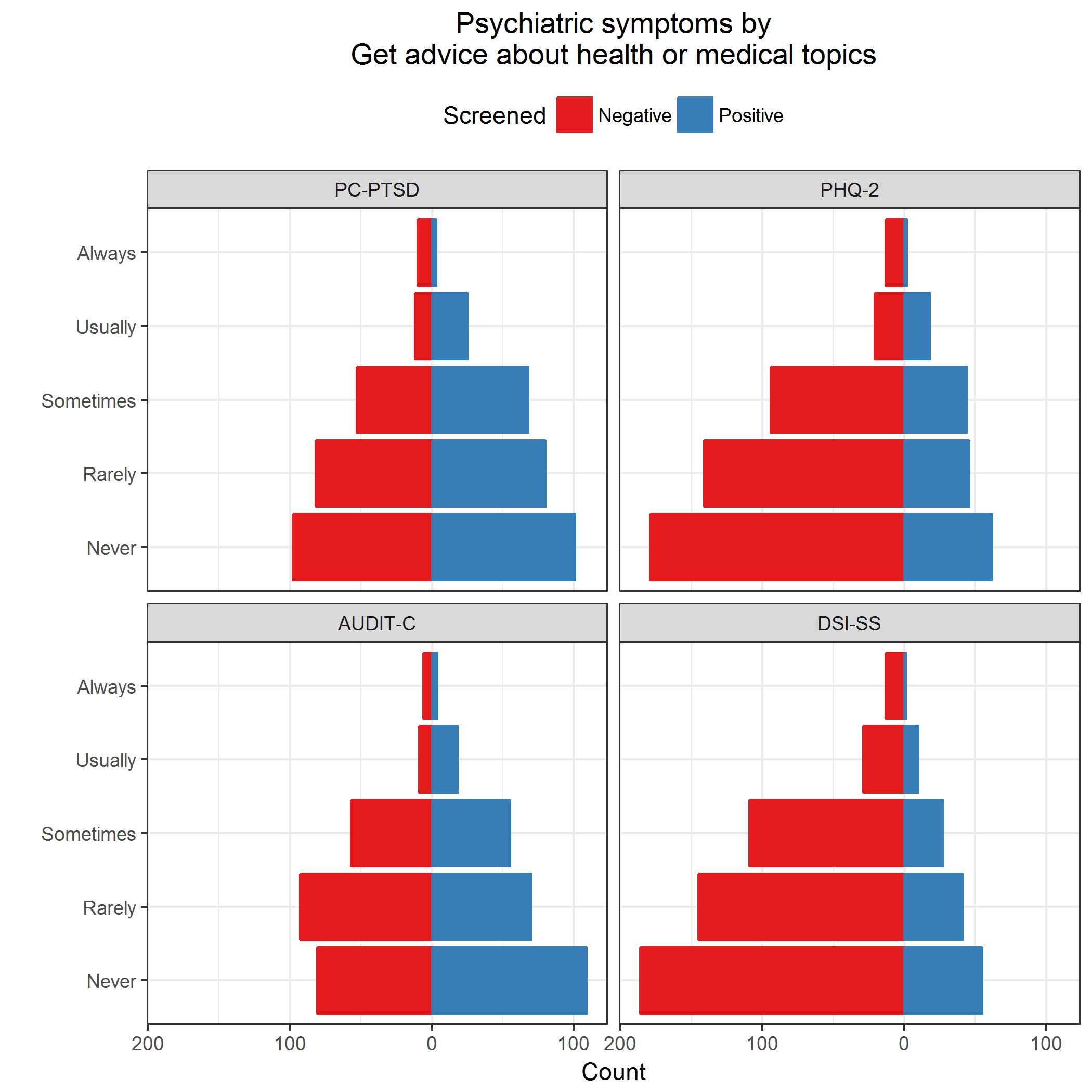
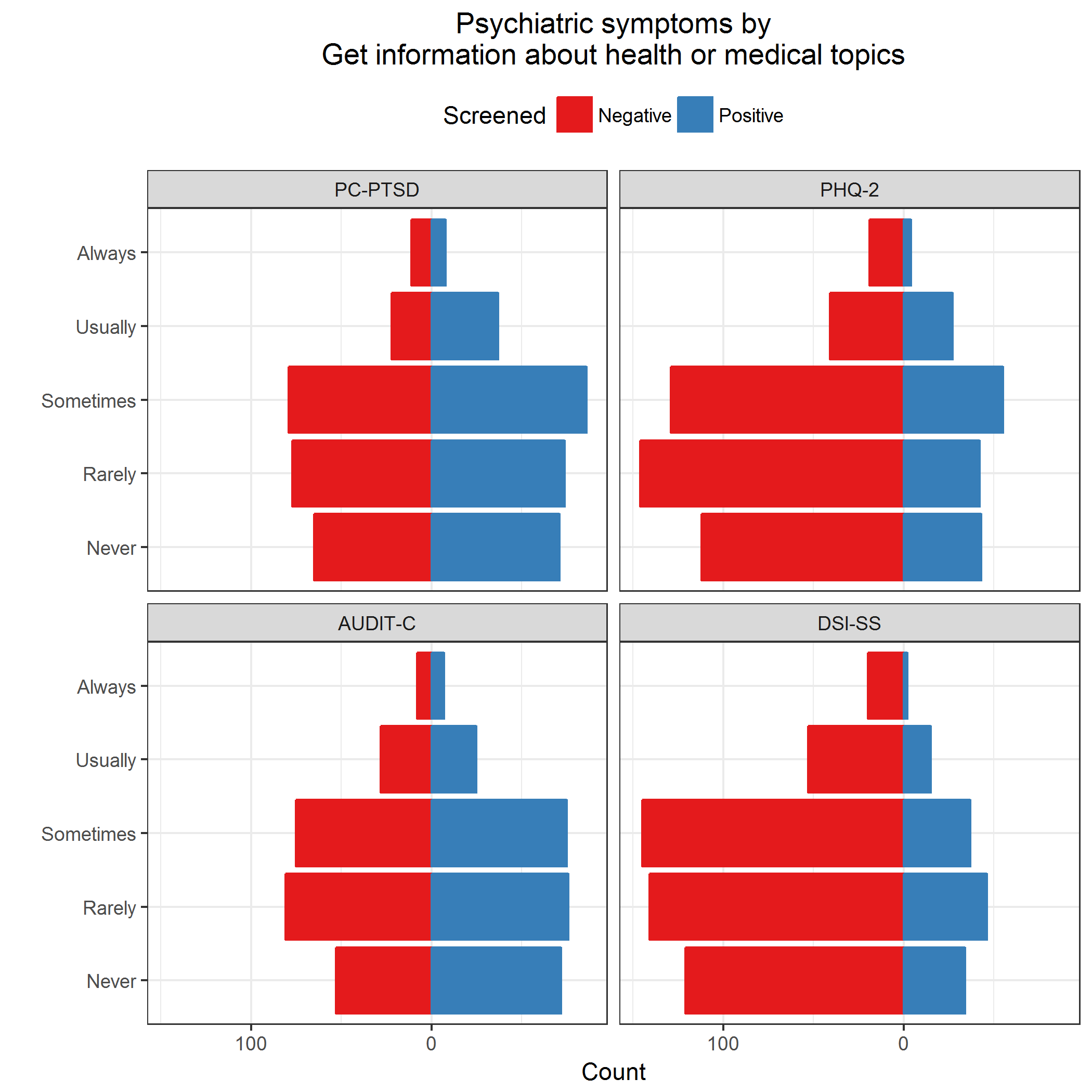
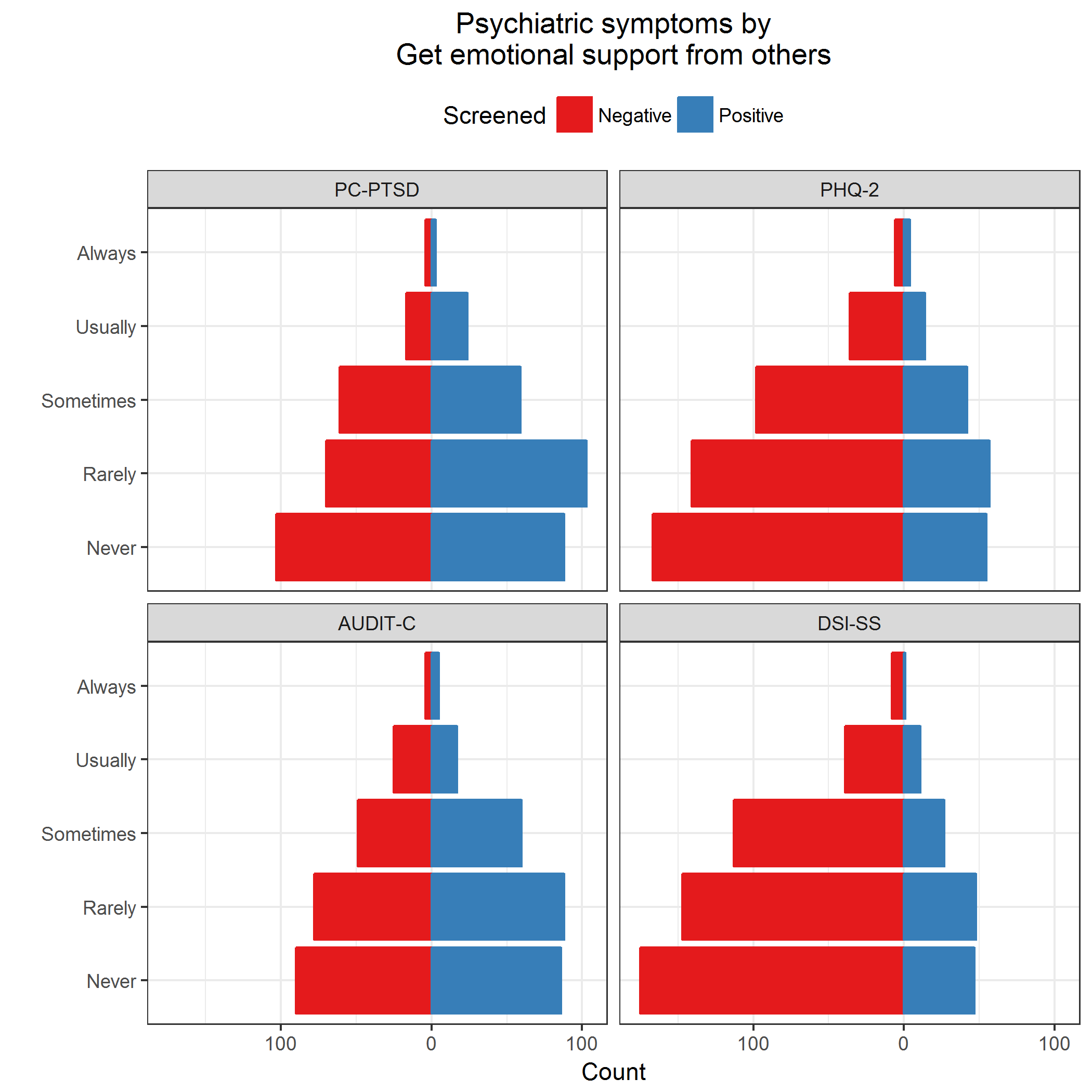
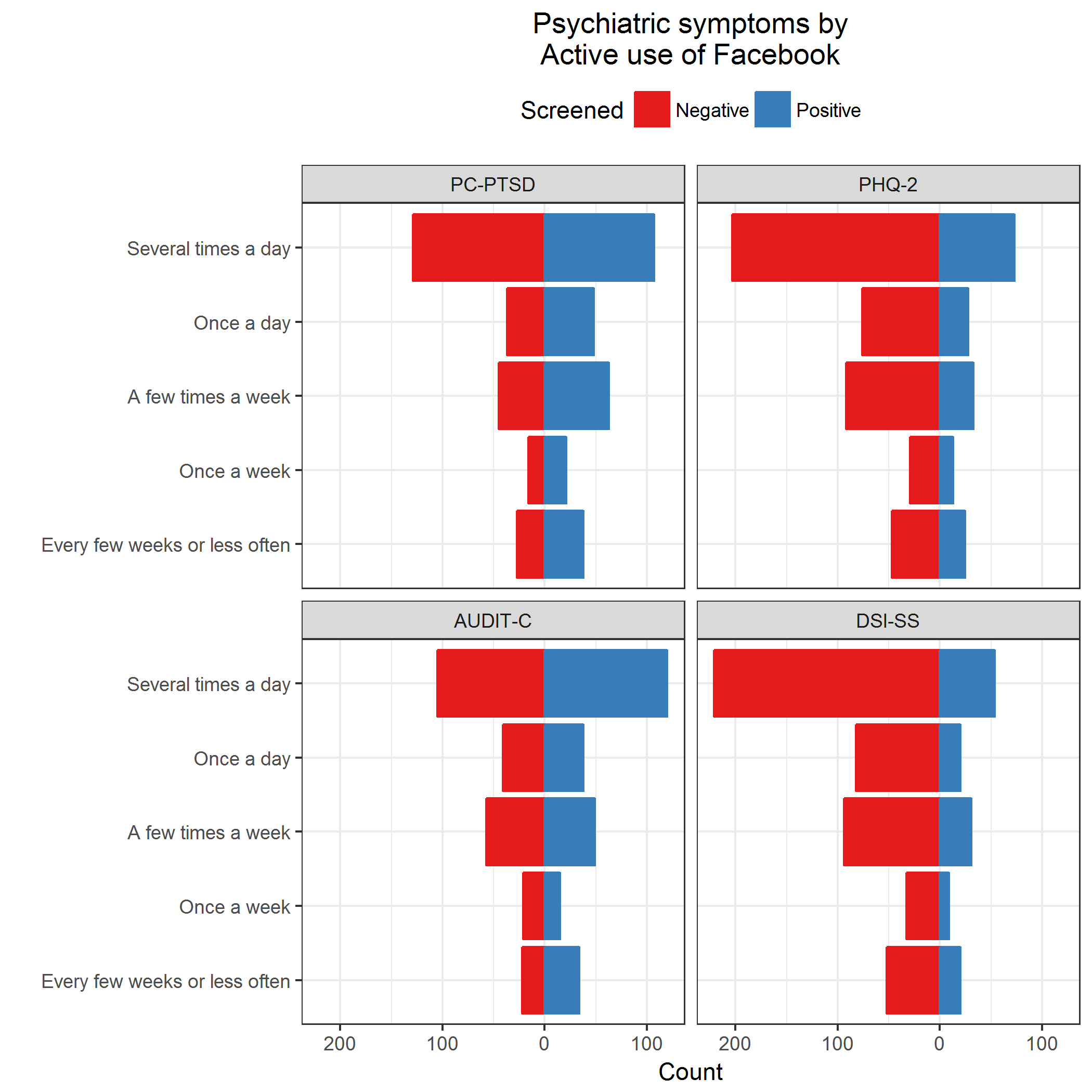
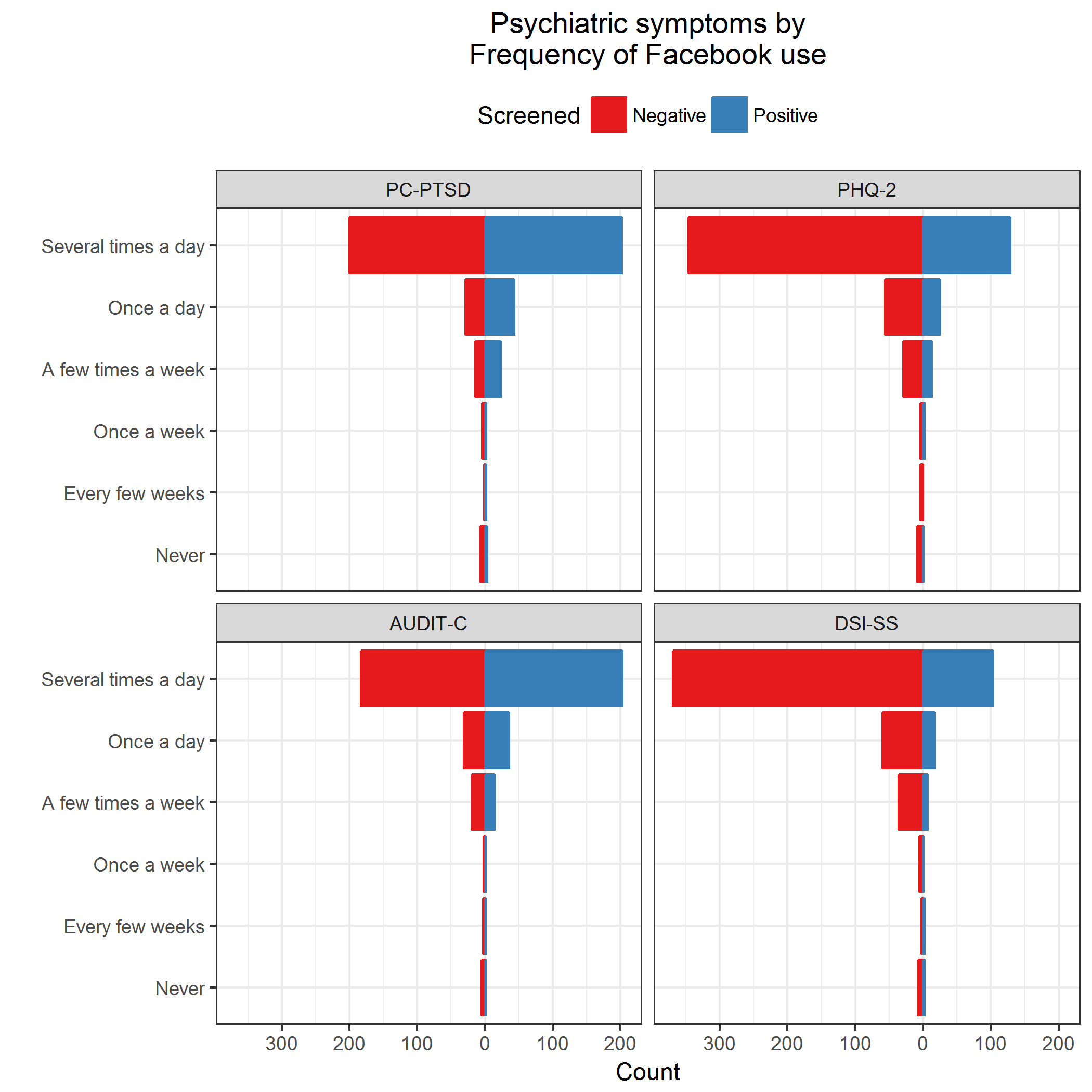
**Are certains features of social media use are associated with positive screens for psychiatric disorders or a positive screen for suicidality?**

* Spending more time on Facebook?
* Frequency of Facebook use: fb\_freq
* Active use of Facebook: comm\_facebook
* Sharing more personal or health-related information on social media?
* Get emotional support from others sm\_emot\_support
* Get information about health or medical topics sm\_med\_info
* Get advice about health or medical topics sm\_med\_advice
* Ask questions about health or medical issues sm\_med\_questions
* Share symptoms such as mood swings, depression, anxiety, or sleep problems sm\_share\_sympt
* Share information related to your health sm\_share\_health
* Share thoughts about suicide or hurting yourself in some way sm\_share\_suicide

## Association between frequency of Facebook use and active use of Facebook

Correlation (Spearman) between frequency of Facebook use and active use of Facebook is 0.446

## Unadjusted comparisons



## Adjusted comparisons

Show the covariates used in the adjusted models.

covar <- c("countSocialMediaExclFB",  
 "comm\_inperson",  
 "indSuicideConsideredEver",  
 "countSuicideAttempts")

Filter subjects with missing covariates.

Relabel factors; replace spaces with underscores.

### PC-PTSD vs Frequency of Facebook use

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.204 | 5 | 516 | 0.306 |
| Adjusted | 1.215 | 5 | 509 | 0.301 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.429 | 0.690 | -1.228 | 0.220 |
| Unadjusted | fb\_freqEvery\_few\_weeks | 4.667 | 1.406 | 1.096 | 0.273 |
| Unadjusted | fb\_freqOnce\_a\_week | 1.167 | 1.107 | 0.139 | 0.889 |
| Unadjusted | fb\_freqA\_few\_times\_a\_week | 3.667 | 0.770 | 1.687 | 0.092 |
| Unadjusted | fb\_freqOnce\_a\_day | 3.417 | 0.732 | 1.678 | 0.093 |
| Unadjusted | fb\_freqSeveral\_times\_a\_day | 2.357 | 0.697 | 1.230 | 0.219 |
| Adjusted | (Intercept) | 0.204 | 0.732 | -2.170 | 0.030 |
| Adjusted | fb\_freqEvery\_few\_weeks | 3.570 | 1.488 | 0.855 | 0.392 |
| Adjusted | fb\_freqOnce\_a\_week | 0.845 | 1.130 | -0.149 | 0.881 |
| Adjusted | fb\_freqA\_few\_times\_a\_week | 3.662 | 0.791 | 1.641 | 0.101 |
| Adjusted | fb\_freqOnce\_a\_day | 2.870 | 0.754 | 1.399 | 0.162 |
| Adjusted | fb\_freqSeveral\_times\_a\_day | 2.040 | 0.714 | 0.998 | 0.318 |
| Adjusted | countSocialMediaExclFB | 1.031 | 0.095 | 0.326 | 0.744 |
| Adjusted | comm\_inpersonOnce a day | 1.216 | 0.341 | 0.572 | 0.568 |
| Adjusted | comm\_inpersonA few times a week | 1.210 | 0.272 | 0.699 | 0.485 |
| Adjusted | comm\_inpersonOnce a week | 1.855 | 0.326 | 1.895 | 0.058 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.674 | 0.249 | 3.956 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.002 | 0.208 | 3.333 | 0.001 |
| Adjusted | countSuicideAttempts | 1.706 | 0.179 | 2.988 | 0.003 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 723.025 | 521 | -358.357 | 728.714 | 754.260 | 716.714 | 516 |
| Adjusted | 723.025 | 521 | -326.258 | 678.516 | 733.866 | 652.516 | 509 |

### PC-PTSD vs Active use of Facebook

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.859 | 4 | 519 | 0.116 |
| Adjusted | 1.592 | 4 | 512 | 0.175 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.407 | 0.252 | 1.358 | 0.175 |
| Unadjusted | comm\_facebookOnce\_a\_week | 0.933 | 0.416 | -0.168 | 0.867 |
| Unadjusted | comm\_facebookA\_few\_times\_a\_week | 0.963 | 0.319 | -0.118 | 0.906 |
| Unadjusted | comm\_facebookOnce\_a\_day | 0.903 | 0.334 | -0.307 | 0.759 |
| Unadjusted | comm\_facebookSeveral\_times\_a\_day | 0.587 | 0.284 | -1.872 | 0.061 |
| Adjusted | (Intercept) | 0.568 | 0.332 | -1.702 | 0.089 |
| Adjusted | comm\_facebookOnce\_a\_week | 0.944 | 0.446 | -0.128 | 0.898 |
| Adjusted | comm\_facebookA\_few\_times\_a\_week | 0.994 | 0.340 | -0.019 | 0.985 |
| Adjusted | comm\_facebookOnce\_a\_day | 1.067 | 0.358 | 0.182 | 0.855 |
| Adjusted | comm\_facebookSeveral\_times\_a\_day | 0.621 | 0.310 | -1.533 | 0.125 |
| Adjusted | countSocialMediaExclFB | 1.060 | 0.096 | 0.608 | 0.543 |
| Adjusted | comm\_inpersonOnce a day | 1.142 | 0.345 | 0.385 | 0.700 |
| Adjusted | comm\_inpersonA few times a week | 1.146 | 0.274 | 0.499 | 0.617 |
| Adjusted | comm\_inpersonOnce a week | 1.645 | 0.329 | 1.511 | 0.131 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.397 | 0.253 | 3.460 | 0.001 |
| Adjusted | indSuicideConsideredEverTRUE | 1.983 | 0.209 | 3.276 | 0.001 |
| Adjusted | countSuicideAttempts | 1.792 | 0.180 | 3.246 | 0.001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 725.655 | 523 | -359.081 | 728.163 | 749.470 | 718.163 | 519 |
| Adjusted | 725.655 | 523 | -327.005 | 678.009 | 729.147 | 654.009 | 512 |

### PC-PTSD vs Get emotional support from others

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.621 | 4 | 519 | 0.167 |
| Adjusted | 1.820 | 4 | 512 | 0.124 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.870 | 0.147 | -0.950 | 0.342 |
| Unadjusted | sm\_emot\_supportRarely | 1.642 | 0.214 | 2.318 | 0.020 |
| Unadjusted | sm\_emot\_supportSometimes | 1.112 | 0.234 | 0.452 | 0.651 |
| Unadjusted | sm\_emot\_supportUsually | 1.555 | 0.352 | 1.255 | 0.210 |
| Unadjusted | sm\_emot\_supportAlways | 0.862 | 0.778 | -0.191 | 0.849 |
| Adjusted | (Intercept) | 0.374 | 0.234 | -4.201 | 0.000 |
| Adjusted | sm\_emot\_supportRarely | 1.633 | 0.232 | 2.115 | 0.034 |
| Adjusted | sm\_emot\_supportSometimes | 0.996 | 0.260 | -0.016 | 0.987 |
| Adjusted | sm\_emot\_supportUsually | 1.396 | 0.389 | 0.859 | 0.390 |
| Adjusted | sm\_emot\_supportAlways | 0.404 | 0.899 | -1.007 | 0.314 |
| Adjusted | countSocialMediaExclFB | 1.009 | 0.098 | 0.092 | 0.926 |
| Adjusted | comm\_inpersonOnce a day | 1.267 | 0.341 | 0.694 | 0.488 |
| Adjusted | comm\_inpersonA few times a week | 1.236 | 0.272 | 0.779 | 0.436 |
| Adjusted | comm\_inpersonOnce a week | 1.846 | 0.326 | 1.879 | 0.060 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.793 | 0.250 | 4.113 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 1.975 | 0.209 | 3.257 | 0.001 |
| Adjusted | countSuicideAttempts | 1.775 | 0.180 | 3.181 | 0.001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 725.655 | 523 | -359.556 | 729.112 | 750.419 | 719.112 | 519 |
| Adjusted | 725.655 | 523 | -326.496 | 676.993 | 728.131 | 652.993 | 512 |

### PC-PTSD vs Get information about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.232 | 4 | 517 | 0.296 |
| Adjusted | 1.138 | 4 | 510 | 0.338 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.127 | 0.173 | 0.691 | 0.490 |
| Unadjusted | sm\_med\_infoRarely | 0.818 | 0.239 | -0.840 | 0.401 |
| Unadjusted | sm\_med\_infoSometimes | 0.943 | 0.233 | -0.249 | 0.803 |
| Unadjusted | sm\_med\_infoUsually | 1.563 | 0.323 | 1.382 | 0.167 |
| Unadjusted | sm\_med\_infoAlways | 0.645 | 0.496 | -0.883 | 0.377 |
| Adjusted | (Intercept) | 0.489 | 0.248 | -2.882 | 0.004 |
| Adjusted | sm\_med\_infoRarely | 0.755 | 0.256 | -1.096 | 0.273 |
| Adjusted | sm\_med\_infoSometimes | 0.928 | 0.255 | -0.291 | 0.771 |
| Adjusted | sm\_med\_infoUsually | 1.464 | 0.351 | 1.086 | 0.278 |
| Adjusted | sm\_med\_infoAlways | 0.631 | 0.554 | -0.832 | 0.405 |
| Adjusted | countSocialMediaExclFB | 1.016 | 0.099 | 0.164 | 0.870 |
| Adjusted | comm\_inpersonOnce a day | 1.231 | 0.342 | 0.609 | 0.543 |
| Adjusted | comm\_inpersonA few times a week | 1.266 | 0.272 | 0.868 | 0.385 |
| Adjusted | comm\_inpersonOnce a week | 1.853 | 0.327 | 1.886 | 0.059 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.610 | 0.248 | 3.869 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 1.958 | 0.208 | 3.238 | 0.001 |
| Adjusted | countSuicideAttempts | 1.741 | 0.178 | 3.121 | 0.002 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 722.879 | 521 | -358.912 | 727.824 | 749.112 | 717.824 | 517 |
| Adjusted | 722.879 | 521 | -327.299 | 678.597 | 729.689 | 654.597 | 510 |

### PC-PTSD vs Get advice about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 2.330 | 4 | 519 | 0.055 |
| Adjusted | 2.425 | 4 | 512 | 0.047 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.042 | 0.143 | 0.286 | 0.775 |
| Unadjusted | sm\_med\_adviceRarely | 0.913 | 0.213 | -0.426 | 0.670 |
| Unadjusted | sm\_med\_adviceSometimes | 1.195 | 0.233 | 0.765 | 0.444 |
| Unadjusted | sm\_med\_adviceUsually | 2.182 | 0.389 | 2.006 | 0.045 |
| Unadjusted | sm\_med\_adviceAlways | 0.288 | 0.674 | -1.848 | 0.065 |
| Adjusted | (Intercept) | 0.442 | 0.229 | -3.569 | 0.000 |
| Adjusted | sm\_med\_adviceRarely | 0.875 | 0.230 | -0.579 | 0.562 |
| Adjusted | sm\_med\_adviceSometimes | 1.222 | 0.252 | 0.795 | 0.427 |
| Adjusted | sm\_med\_adviceUsually | 1.998 | 0.416 | 1.664 | 0.096 |
| Adjusted | sm\_med\_adviceAlways | 0.184 | 0.789 | -2.145 | 0.032 |
| Adjusted | countSocialMediaExclFB | 1.014 | 0.098 | 0.143 | 0.887 |
| Adjusted | comm\_inpersonOnce a day | 1.276 | 0.345 | 0.708 | 0.479 |
| Adjusted | comm\_inpersonA few times a week | 1.221 | 0.273 | 0.731 | 0.465 |
| Adjusted | comm\_inpersonOnce a week | 1.762 | 0.326 | 1.736 | 0.083 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.631 | 0.249 | 3.885 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.011 | 0.208 | 3.352 | 0.001 |
| Adjusted | countSuicideAttempts | 1.772 | 0.177 | 3.228 | 0.001 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 725.655 | 523 | -357.623 | 725.246 | 746.554 | 715.246 | 519 |
| Adjusted | 725.655 | 523 | -324.594 | 673.188 | 724.326 | 649.188 | 512 |

### PC-PTSD vs Ask questions about health or medical issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 2.083 | 4 | 519 | 0.082 |
| Adjusted | 1.370 | 4 | 512 | 0.243 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.943 | 0.129 | -0.453 | 0.651 |
| Unadjusted | sm\_med\_questionsRarely | 1.074 | 0.208 | 0.345 | 0.730 |
| Unadjusted | sm\_med\_questionsSometimes | 1.267 | 0.248 | 0.955 | 0.340 |
| Unadjusted | sm\_med\_questionsUsually | 3.314 | 0.426 | 2.810 | 0.005 |
| Unadjusted | sm\_med\_questionsAlways | 1.272 | 0.619 | 0.389 | 0.697 |
| Adjusted | (Intercept) | 0.413 | 0.221 | -3.998 | 0.000 |
| Adjusted | sm\_med\_questionsRarely | 1.086 | 0.225 | 0.366 | 0.714 |
| Adjusted | sm\_med\_questionsSometimes | 1.275 | 0.264 | 0.920 | 0.357 |
| Adjusted | sm\_med\_questionsUsually | 2.767 | 0.454 | 2.242 | 0.025 |
| Adjusted | sm\_med\_questionsAlways | 0.945 | 0.690 | -0.082 | 0.935 |
| Adjusted | countSocialMediaExclFB | 0.994 | 0.097 | -0.066 | 0.947 |
| Adjusted | comm\_inpersonOnce a day | 1.210 | 0.341 | 0.558 | 0.577 |
| Adjusted | comm\_inpersonA few times a week | 1.224 | 0.272 | 0.742 | 0.458 |
| Adjusted | comm\_inpersonOnce a week | 1.759 | 0.327 | 1.727 | 0.084 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.552 | 0.247 | 3.787 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 1.995 | 0.208 | 3.320 | 0.001 |
| Adjusted | countSuicideAttempts | 1.721 | 0.179 | 3.032 | 0.002 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 725.655 | 523 | -358.105 | 726.210 | 747.518 | 716.210 | 519 |
| Adjusted | 725.655 | 523 | -327.250 | 678.501 | 729.638 | 654.501 | 512 |

### PC-PTSD vs Share symptoms such as mood swings, depression, anxiety, or sleep problems

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 4.949 | 4 | 518 | 0.001 |
| Adjusted | 2.213 | 4 | 511 | 0.066 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.876 | 0.122 | -1.091 | 0.275 |
| Unadjusted | sm\_share\_symptRarely | 1.031 | 0.210 | 0.144 | 0.885 |
| Unadjusted | sm\_share\_symptSometimes | 2.152 | 0.271 | 2.824 | 0.005 |
| Unadjusted | sm\_share\_symptUsually | 5.709 | 0.505 | 3.451 | 0.001 |
| Unadjusted | sm\_share\_symptAlways | 2.283 | 0.717 | 1.151 | 0.250 |
| Adjusted | (Intercept) | 0.439 | 0.213 | -3.868 | 0.000 |
| Adjusted | sm\_share\_symptRarely | 0.894 | 0.231 | -0.486 | 0.627 |
| Adjusted | sm\_share\_symptSometimes | 1.630 | 0.292 | 1.673 | 0.094 |
| Adjusted | sm\_share\_symptUsually | 3.327 | 0.527 | 2.283 | 0.022 |
| Adjusted | sm\_share\_symptAlways | 1.253 | 0.786 | 0.287 | 0.774 |
| Adjusted | countSocialMediaExclFB | 1.015 | 0.097 | 0.155 | 0.877 |
| Adjusted | comm\_inpersonOnce a day | 1.197 | 0.342 | 0.525 | 0.599 |
| Adjusted | comm\_inpersonA few times a week | 1.243 | 0.273 | 0.798 | 0.425 |
| Adjusted | comm\_inpersonOnce a week | 1.804 | 0.330 | 1.785 | 0.074 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.383 | 0.250 | 3.470 | 0.001 |
| Adjusted | indSuicideConsideredEverTRUE | 1.881 | 0.211 | 2.988 | 0.003 |
| Adjusted | countSuicideAttempts | 1.681 | 0.183 | 2.841 | 0.004 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 724.189 | 522 | -350.370 | 710.739 | 732.037 | 700.739 | 518 |
| Adjusted | 724.189 | 522 | -324.865 | 673.730 | 724.845 | 649.730 | 511 |

### PC-PTSD vs Share information related to your health

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 2.572 | 4 | 518 | 0.037 |
| Adjusted | 1.783 | 4 | 511 | 0.131 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.906 | 0.128 | -0.768 | 0.443 |
| Unadjusted | sm\_share\_healthRarely | 1.165 | 0.196 | 0.782 | 0.434 |
| Unadjusted | sm\_share\_healthSometimes | 1.398 | 0.276 | 1.214 | 0.225 |
| Unadjusted | sm\_share\_healthUsually | 22.069 | 1.033 | 2.996 | 0.003 |
| Unadjusted | sm\_share\_healthAlways | 0.828 | 0.774 | -0.244 | 0.807 |
| Adjusted | (Intercept) | 0.449 | 0.215 | -3.731 | 0.000 |
| Adjusted | sm\_share\_healthRarely | 0.924 | 0.211 | -0.372 | 0.710 |
| Adjusted | sm\_share\_healthSometimes | 1.050 | 0.302 | 0.162 | 0.871 |
| Adjusted | sm\_share\_healthUsually | 11.614 | 1.048 | 2.339 | 0.019 |
| Adjusted | sm\_share\_healthAlways | 0.345 | 0.956 | -1.112 | 0.266 |
| Adjusted | countSocialMediaExclFB | 1.013 | 0.097 | 0.134 | 0.894 |
| Adjusted | comm\_inpersonOnce a day | 1.276 | 0.341 | 0.715 | 0.474 |
| Adjusted | comm\_inpersonA few times a week | 1.287 | 0.273 | 0.923 | 0.356 |
| Adjusted | comm\_inpersonOnce a week | 1.863 | 0.331 | 1.881 | 0.060 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.454 | 0.251 | 3.577 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 1.909 | 0.211 | 3.066 | 0.002 |
| Adjusted | countSuicideAttempts | 1.784 | 0.185 | 3.123 | 0.002 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 724.342 | 522 | -351.073 | 712.147 | 733.445 | 702.147 | 518 |
| Adjusted | 724.342 | 522 | -322.707 | 669.415 | 720.530 | 645.415 | 511 |

### PC-PTSD vs Share thoughts about suicide or hurting yourself in some way

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 4.964 | 4 | 517 | 0.001 |
| Adjusted | 3.211 | 4 | 510 | 0.013 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.913 | 0.095 | -0.953 | 0.341 |
| Unadjusted | sm\_share\_suicideRarely | 2.921 | 0.317 | 3.376 | 0.001 |
| Unadjusted | sm\_share\_suicideSometimes | 4.381 | 0.653 | 2.264 | 0.024 |
| Unadjusted | sm\_share\_suicideUsually | 8.762 | 1.065 | 2.038 | 0.042 |
| Unadjusted | sm\_share\_suicideAlways | 2.190 | 1.228 | 0.638 | 0.523 |
| Adjusted | (Intercept) | 0.408 | 0.206 | -4.348 | 0.000 |
| Adjusted | sm\_share\_suicideRarely | 2.500 | 0.338 | 2.711 | 0.007 |
| Adjusted | sm\_share\_suicideSometimes | 2.951 | 0.685 | 1.580 | 0.114 |
| Adjusted | sm\_share\_suicideUsually | 8.225 | 1.085 | 1.943 | 0.052 |
| Adjusted | sm\_share\_suicideAlways | 1.214 | 1.474 | 0.132 | 0.895 |
| Adjusted | countSocialMediaExclFB | 1.019 | 0.097 | 0.191 | 0.848 |
| Adjusted | comm\_inpersonOnce a day | 1.317 | 0.344 | 0.802 | 0.423 |
| Adjusted | comm\_inpersonA few times a week | 1.211 | 0.276 | 0.694 | 0.488 |
| Adjusted | comm\_inpersonOnce a week | 1.809 | 0.328 | 1.808 | 0.071 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.711 | 0.251 | 3.981 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 1.780 | 0.211 | 2.732 | 0.006 |
| Adjusted | countSuicideAttempts | 1.751 | 0.182 | 3.083 | 0.002 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 722.718 | 521 | -349.313 | 708.625 | 729.913 | 698.625 | 517 |
| Adjusted | 722.718 | 521 | -321.338 | 666.676 | 717.768 | 642.676 | 510 |

### PHQ-2 vs Frequency of Facebook use

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.497 | 5 | 605 | 0.778 |
| Adjusted | 0.415 | 5 | 598 | 0.838 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.111 | 1.054 | -2.084 | 0.037 |
| Unadjusted | fb\_freqEvery\_few\_weeks | 0.000 | 441.373 | -0.028 | 0.978 |
| Unadjusted | fb\_freqOnce\_a\_week | 4.500 | 1.364 | 1.103 | 0.270 |
| Unadjusted | fb\_freqA\_few\_times\_a\_week | 3.724 | 1.109 | 1.186 | 0.236 |
| Unadjusted | fb\_freqOnce\_a\_day | 4.327 | 1.082 | 1.354 | 0.176 |
| Unadjusted | fb\_freqSeveral\_times\_a\_day | 3.339 | 1.059 | 1.138 | 0.255 |
| Adjusted | (Intercept) | 0.045 | 1.097 | -2.827 | 0.005 |
| Adjusted | fb\_freqEvery\_few\_weeks | 0.000 | 652.539 | -0.021 | 0.983 |
| Adjusted | fb\_freqOnce\_a\_week | 3.416 | 1.391 | 0.883 | 0.377 |
| Adjusted | fb\_freqA\_few\_times\_a\_week | 3.811 | 1.135 | 1.179 | 0.238 |
| Adjusted | fb\_freqOnce\_a\_day | 3.841 | 1.106 | 1.217 | 0.224 |
| Adjusted | fb\_freqSeveral\_times\_a\_day | 3.042 | 1.080 | 1.030 | 0.303 |
| Adjusted | countSocialMediaExclFB | 0.914 | 0.103 | -0.879 | 0.379 |
| Adjusted | comm\_inpersonOnce a day | 1.106 | 0.395 | 0.255 | 0.798 |
| Adjusted | comm\_inpersonA few times a week | 0.912 | 0.318 | -0.291 | 0.771 |
| Adjusted | comm\_inpersonOnce a week | 2.296 | 0.324 | 2.570 | 0.010 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.762 | 0.255 | 3.983 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.992 | 0.215 | 5.087 | 0.000 |
| Adjusted | countSuicideAttempts | 1.212 | 0.125 | 1.541 | 0.123 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 718.694 | 610 | -356.562 | 725.124 | 751.614 | 713.124 | 605 |
| Adjusted | 718.694 | 610 | -317.866 | 661.732 | 719.128 | 635.732 | 598 |

### PHQ-2 vs Active use of Facebook

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.601 | 4 | 608 | 0.662 |
| Adjusted | 0.477 | 4 | 601 | 0.753 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.532 | 0.248 | -2.550 | 0.011 |
| Unadjusted | comm\_facebookOnce\_a\_week | 0.843 | 0.416 | -0.412 | 0.681 |
| Unadjusted | comm\_facebookA\_few\_times\_a\_week | 0.661 | 0.322 | -1.286 | 0.198 |
| Unadjusted | comm\_facebookOnce\_a\_day | 0.702 | 0.332 | -1.066 | 0.287 |
| Unadjusted | comm\_facebookSeveral\_times\_a\_day | 0.673 | 0.283 | -1.397 | 0.163 |
| Adjusted | (Intercept) | 0.184 | 0.353 | -4.797 | 0.000 |
| Adjusted | comm\_facebookOnce\_a\_week | 0.886 | 0.453 | -0.267 | 0.790 |
| Adjusted | comm\_facebookA\_few\_times\_a\_week | 0.639 | 0.349 | -1.283 | 0.200 |
| Adjusted | comm\_facebookOnce\_a\_day | 0.804 | 0.364 | -0.601 | 0.548 |
| Adjusted | comm\_facebookSeveral\_times\_a\_day | 0.733 | 0.315 | -0.987 | 0.324 |
| Adjusted | countSocialMediaExclFB | 0.929 | 0.102 | -0.720 | 0.471 |
| Adjusted | comm\_inpersonOnce a day | 1.033 | 0.396 | 0.081 | 0.936 |
| Adjusted | comm\_inpersonA few times a week | 0.966 | 0.313 | -0.112 | 0.911 |
| Adjusted | comm\_inpersonOnce a week | 2.184 | 0.326 | 2.396 | 0.017 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.581 | 0.261 | 3.639 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 3.113 | 0.216 | 5.258 | 0.000 |
| Adjusted | countSuicideAttempts | 1.230 | 0.124 | 1.668 | 0.095 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 723.841 | 612 | -360.750 | 731.499 | 753.591 | 721.499 | 608 |
| Adjusted | 723.841 | 612 | -321.877 | 667.754 | 720.775 | 643.754 | 601 |

### PHQ-2 vs Get emotional support from others

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.730 | 4 | 608 | 0.571 |
| Adjusted | 0.432 | 4 | 601 | 0.786 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.325 | 0.157 | -7.168 | 0.000 |
| Unadjusted | sm\_emot\_supportRarely | 1.270 | 0.222 | 1.075 | 0.282 |
| Unadjusted | sm\_emot\_supportSometimes | 1.317 | 0.242 | 1.139 | 0.255 |
| Unadjusted | sm\_emot\_supportUsually | 1.110 | 0.360 | 0.290 | 0.771 |
| Unadjusted | sm\_emot\_supportAlways | 2.459 | 0.689 | 1.306 | 0.191 |
| Adjusted | (Intercept) | 0.122 | 0.266 | -7.897 | 0.000 |
| Adjusted | sm\_emot\_supportRarely | 1.247 | 0.244 | 0.907 | 0.365 |
| Adjusted | sm\_emot\_supportSometimes | 1.277 | 0.268 | 0.911 | 0.362 |
| Adjusted | sm\_emot\_supportUsually | 1.020 | 0.397 | 0.051 | 0.960 |
| Adjusted | sm\_emot\_supportAlways | 1.889 | 0.750 | 0.849 | 0.396 |
| Adjusted | countSocialMediaExclFB | 0.909 | 0.104 | -0.912 | 0.362 |
| Adjusted | comm\_inpersonOnce a day | 1.082 | 0.398 | 0.198 | 0.843 |
| Adjusted | comm\_inpersonA few times a week | 0.989 | 0.311 | -0.037 | 0.970 |
| Adjusted | comm\_inpersonOnce a week | 2.268 | 0.323 | 2.533 | 0.011 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.778 | 0.257 | 3.978 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.952 | 0.214 | 5.051 | 0.000 |
| Adjusted | countSuicideAttempts | 1.230 | 0.125 | 1.660 | 0.097 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 723.841 | 612 | -360.475 | 730.950 | 753.041 | 720.950 | 608 |
| Adjusted | 723.841 | 612 | -321.966 | 667.932 | 720.953 | 643.932 | 601 |

### PHQ-2 vs Get information about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 2.224 | 4 | 606 | 0.065 |
| Adjusted | 2.309 | 4 | 599 | 0.057 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.387 | 0.180 | -5.280 | 0.000 |
| Unadjusted | sm\_med\_infoRarely | 0.735 | 0.252 | -1.221 | 0.222 |
| Unadjusted | sm\_med\_infoSometimes | 1.089 | 0.242 | 0.352 | 0.725 |
| Unadjusted | sm\_med\_infoUsually | 1.700 | 0.306 | 1.733 | 0.083 |
| Unadjusted | sm\_med\_infoAlways | 0.574 | 0.581 | -0.956 | 0.339 |
| Adjusted | (Intercept) | 0.138 | 0.279 | -7.082 | 0.000 |
| Adjusted | sm\_med\_infoRarely | 0.693 | 0.272 | -1.350 | 0.177 |
| Adjusted | sm\_med\_infoSometimes | 1.189 | 0.266 | 0.649 | 0.517 |
| Adjusted | sm\_med\_infoUsually | 1.725 | 0.342 | 1.597 | 0.110 |
| Adjusted | sm\_med\_infoAlways | 0.596 | 0.647 | -0.801 | 0.423 |
| Adjusted | countSocialMediaExclFB | 0.891 | 0.106 | -1.092 | 0.275 |
| Adjusted | comm\_inpersonOnce a day | 1.124 | 0.400 | 0.291 | 0.771 |
| Adjusted | comm\_inpersonA few times a week | 1.043 | 0.314 | 0.134 | 0.893 |
| Adjusted | comm\_inpersonOnce a week | 2.336 | 0.326 | 2.599 | 0.009 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.819 | 0.258 | 4.013 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.977 | 0.216 | 5.048 | 0.000 |
| Adjusted | countSuicideAttempts | 1.243 | 0.125 | 1.737 | 0.082 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 720.625 | 610 | -355.835 | 721.670 | 743.746 | 711.670 | 606 |
| Adjusted | 720.625 | 610 | -317.435 | 658.869 | 711.851 | 634.869 | 599 |

### PHQ-2 vs Get advice about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 2.448 | 4 | 608 | 0.045 |
| Adjusted | 2.626 | 4 | 601 | 0.034 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.343 | 0.148 | -7.218 | 0.000 |
| Unadjusted | sm\_med\_adviceRarely | 0.966 | 0.226 | -0.155 | 0.877 |
| Unadjusted | sm\_med\_adviceSometimes | 1.349 | 0.237 | 1.265 | 0.206 |
| Unadjusted | sm\_med\_adviceUsually | 2.501 | 0.354 | 2.591 | 0.010 |
| Unadjusted | sm\_med\_adviceAlways | 0.486 | 0.778 | -0.926 | 0.354 |
| Adjusted | (Intercept) | 0.128 | 0.257 | -7.987 | 0.000 |
| Adjusted | sm\_med\_adviceRarely | 0.890 | 0.245 | -0.478 | 0.633 |
| Adjusted | sm\_med\_adviceSometimes | 1.460 | 0.260 | 1.457 | 0.145 |
| Adjusted | sm\_med\_adviceUsually | 2.393 | 0.391 | 2.233 | 0.026 |
| Adjusted | sm\_med\_adviceAlways | 0.325 | 0.854 | -1.318 | 0.188 |
| Adjusted | countSocialMediaExclFB | 0.892 | 0.105 | -1.091 | 0.275 |
| Adjusted | comm\_inpersonOnce a day | 1.054 | 0.399 | 0.132 | 0.895 |
| Adjusted | comm\_inpersonA few times a week | 0.986 | 0.314 | -0.044 | 0.965 |
| Adjusted | comm\_inpersonOnce a week | 2.253 | 0.326 | 2.489 | 0.013 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.765 | 0.257 | 3.954 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.993 | 0.216 | 5.069 | 0.000 |
| Adjusted | countSuicideAttempts | 1.265 | 0.124 | 1.888 | 0.059 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 723.841 | 612 | -357.027 | 724.054 | 746.146 | 714.054 | 608 |
| Adjusted | 723.841 | 612 | -317.334 | 658.668 | 711.689 | 634.668 | 601 |

### PHQ-2 vs Ask questions about health or medical issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 3.007 | 4 | 608 | 0.018 |
| Adjusted | 2.252 | 4 | 601 | 0.062 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.324 | 0.139 | -8.137 | 0.000 |
| Unadjusted | sm\_med\_questionsRarely | 1.068 | 0.220 | 0.297 | 0.766 |
| Unadjusted | sm\_med\_questionsSometimes | 1.478 | 0.250 | 1.561 | 0.118 |
| Unadjusted | sm\_med\_questionsUsually | 3.269 | 0.365 | 3.241 | 0.001 |
| Unadjusted | sm\_med\_questionsAlways | 1.029 | 0.681 | 0.042 | 0.967 |
| Adjusted | (Intercept) | 0.122 | 0.254 | -8.269 | 0.000 |
| Adjusted | sm\_med\_questionsRarely | 1.119 | 0.240 | 0.469 | 0.639 |
| Adjusted | sm\_med\_questionsSometimes | 1.514 | 0.270 | 1.535 | 0.125 |
| Adjusted | sm\_med\_questionsUsually | 2.838 | 0.403 | 2.588 | 0.010 |
| Adjusted | sm\_med\_questionsAlways | 0.579 | 0.750 | -0.728 | 0.467 |
| Adjusted | countSocialMediaExclFB | 0.891 | 0.104 | -1.104 | 0.270 |
| Adjusted | comm\_inpersonOnce a day | 1.031 | 0.400 | 0.076 | 0.939 |
| Adjusted | comm\_inpersonA few times a week | 0.979 | 0.314 | -0.069 | 0.945 |
| Adjusted | comm\_inpersonOnce a week | 2.176 | 0.327 | 2.379 | 0.017 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.692 | 0.257 | 3.856 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.996 | 0.216 | 5.085 | 0.000 |
| Adjusted | countSuicideAttempts | 1.235 | 0.125 | 1.696 | 0.090 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 723.841 | 612 | -356.031 | 722.061 | 744.153 | 712.061 | 608 |
| Adjusted | 723.841 | 612 | -318.307 | 660.615 | 713.635 | 636.615 | 601 |

### PHQ-2 vs Share symptoms such as mood swings, depression, anxiety, or sleep problems

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 6.696 | 4 | 607 | 0.000 |
| Adjusted | 3.005 | 4 | 600 | 0.018 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.285 | 0.134 | -9.409 | 0.000 |
| Unadjusted | sm\_share\_symptRarely | 1.251 | 0.224 | 0.999 | 0.318 |
| Unadjusted | sm\_share\_symptSometimes | 2.274 | 0.260 | 3.156 | 0.002 |
| Unadjusted | sm\_share\_symptUsually | 5.856 | 0.389 | 4.546 | 0.000 |
| Unadjusted | sm\_share\_symptAlways | 1.318 | 0.690 | 0.400 | 0.689 |
| Adjusted | (Intercept) | 0.127 | 0.244 | -8.447 | 0.000 |
| Adjusted | sm\_share\_symptRarely | 1.047 | 0.246 | 0.186 | 0.853 |
| Adjusted | sm\_share\_symptSometimes | 1.714 | 0.285 | 1.892 | 0.058 |
| Adjusted | sm\_share\_symptUsually | 3.354 | 0.417 | 2.901 | 0.004 |
| Adjusted | sm\_share\_symptAlways | 0.633 | 0.753 | -0.607 | 0.544 |
| Adjusted | countSocialMediaExclFB | 0.920 | 0.105 | -0.794 | 0.427 |
| Adjusted | comm\_inpersonOnce a day | 1.058 | 0.399 | 0.141 | 0.888 |
| Adjusted | comm\_inpersonA few times a week | 1.008 | 0.314 | 0.024 | 0.981 |
| Adjusted | comm\_inpersonOnce a week | 2.246 | 0.328 | 2.463 | 0.014 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.619 | 0.259 | 3.716 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.753 | 0.220 | 4.610 | 0.000 |
| Adjusted | countSuicideAttempts | 1.203 | 0.126 | 1.462 | 0.144 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 723.191 | 611 | -347.877 | 705.754 | 727.837 | 695.754 | 607 |
| Adjusted | 723.191 | 611 | -316.585 | 657.169 | 710.170 | 633.169 | 600 |

### PHQ-2 vs Share information related to your health

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 4.246 | 4 | 607 | 0.002 |
| Adjusted | 2.125 | 4 | 600 | 0.076 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.311 | 0.138 | -8.478 | 0.000 |
| Unadjusted | sm\_share\_healthRarely | 1.342 | 0.204 | 1.445 | 0.148 |
| Unadjusted | sm\_share\_healthSometimes | 1.336 | 0.289 | 1.002 | 0.316 |
| Unadjusted | sm\_share\_healthUsually | 6.033 | 0.459 | 3.916 | 0.000 |
| Unadjusted | sm\_share\_healthAlways | 0.402 | 1.070 | -0.852 | 0.394 |
| Adjusted | (Intercept) | 0.138 | 0.244 | -8.109 | 0.000 |
| Adjusted | sm\_share\_healthRarely | 1.047 | 0.222 | 0.206 | 0.837 |
| Adjusted | sm\_share\_healthSometimes | 0.990 | 0.321 | -0.031 | 0.976 |
| Adjusted | sm\_share\_healthUsually | 3.104 | 0.496 | 2.285 | 0.022 |
| Adjusted | sm\_share\_healthAlways | 0.147 | 1.157 | -1.658 | 0.097 |
| Adjusted | countSocialMediaExclFB | 0.916 | 0.104 | -0.839 | 0.402 |
| Adjusted | comm\_inpersonOnce a day | 1.058 | 0.397 | 0.143 | 0.886 |
| Adjusted | comm\_inpersonA few times a week | 0.994 | 0.313 | -0.018 | 0.986 |
| Adjusted | comm\_inpersonOnce a week | 2.210 | 0.327 | 2.423 | 0.015 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.594 | 0.258 | 3.694 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.850 | 0.218 | 4.800 | 0.000 |
| Adjusted | countSuicideAttempts | 1.292 | 0.129 | 1.983 | 0.047 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 723.191 | 611 | -352.464 | 714.928 | 737.012 | 704.928 | 607 |
| Adjusted | 723.191 | 611 | -317.667 | 659.333 | 712.334 | 635.333 | 600 |

### PHQ-2 vs Share thoughts about suicide or hurting yourself in some way

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 7.819 | 4 | 605 | 0 |
| Adjusted | 5.213 | 4 | 598 | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.308 | 0.103 | -11.438 | 0.000 |
| Unadjusted | sm\_share\_suicideRarely | 3.252 | 0.282 | 4.180 | 0.000 |
| Unadjusted | sm\_share\_suicideSometimes | 4.181 | 0.514 | 2.781 | 0.005 |
| Unadjusted | sm\_share\_suicideUsually | 11.382 | 0.808 | 3.009 | 0.003 |
| Unadjusted | sm\_share\_suicideAlways | 1.084 | 1.159 | 0.070 | 0.945 |
| Adjusted | (Intercept) | 0.123 | 0.239 | -8.768 | 0.000 |
| Adjusted | sm\_share\_suicideRarely | 2.659 | 0.309 | 3.170 | 0.002 |
| Adjusted | sm\_share\_suicideSometimes | 2.957 | 0.543 | 1.998 | 0.046 |
| Adjusted | sm\_share\_suicideUsually | 10.887 | 0.863 | 2.765 | 0.006 |
| Adjusted | sm\_share\_suicideAlways | 0.324 | 1.257 | -0.898 | 0.369 |
| Adjusted | countSocialMediaExclFB | 0.900 | 0.106 | -0.995 | 0.320 |
| Adjusted | comm\_inpersonOnce a day | 1.156 | 0.401 | 0.361 | 0.718 |
| Adjusted | comm\_inpersonA few times a week | 0.955 | 0.319 | -0.143 | 0.886 |
| Adjusted | comm\_inpersonOnce a week | 2.289 | 0.328 | 2.523 | 0.012 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 2.756 | 0.262 | 3.865 | 0.000 |
| Adjusted | indSuicideConsideredEverTRUE | 2.728 | 0.220 | 4.572 | 0.000 |
| Adjusted | countSuicideAttempts | 1.254 | 0.130 | 1.747 | 0.081 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 719.977 | 609 | -343.461 | 696.922 | 718.989 | 686.922 | 605 |
| Adjusted | 719.977 | 609 | -309.840 | 643.679 | 696.641 | 619.679 | 598 |

### AUDIT-C vs Frequency of Facebook use

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.026 | 5 | 490 | 0.402 |
| Adjusted | 1.082 | 5 | 483 | 0.369 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.200 | 1.095 | -1.469 | 0.142 |
| Unadjusted | fb\_freqEvery\_few\_weeks | 1.667 | 1.592 | 0.321 | 0.748 |
| Unadjusted | fb\_freqOnce\_a\_week | 2.500 | 1.643 | 0.558 | 0.577 |
| Unadjusted | fb\_freqA\_few\_times\_a\_week | 3.684 | 1.151 | 1.133 | 0.257 |
| Unadjusted | fb\_freqOnce\_a\_day | 5.645 | 1.123 | 1.541 | 0.123 |
| Unadjusted | fb\_freqSeveral\_times\_a\_day | 5.608 | 1.100 | 1.567 | 0.117 |
| Adjusted | (Intercept) | 0.117 | 1.123 | -1.914 | 0.056 |
| Adjusted | fb\_freqEvery\_few\_weeks | 1.777 | 1.608 | 0.358 | 0.721 |
| Adjusted | fb\_freqOnce\_a\_week | 1.954 | 1.659 | 0.404 | 0.686 |
| Adjusted | fb\_freqA\_few\_times\_a\_week | 4.133 | 1.163 | 1.221 | 0.222 |
| Adjusted | fb\_freqOnce\_a\_day | 6.018 | 1.135 | 1.582 | 0.114 |
| Adjusted | fb\_freqSeveral\_times\_a\_day | 6.078 | 1.112 | 1.623 | 0.105 |
| Adjusted | countSocialMediaExclFB | 1.054 | 0.094 | 0.555 | 0.579 |
| Adjusted | comm\_inpersonOnce a day | 1.259 | 0.333 | 0.690 | 0.490 |
| Adjusted | comm\_inpersonA few times a week | 1.194 | 0.263 | 0.675 | 0.500 |
| Adjusted | comm\_inpersonOnce a week | 1.697 | 0.319 | 1.655 | 0.098 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.748 | 0.246 | 2.267 | 0.023 |
| Adjusted | indSuicideConsideredEverTRUE | 1.553 | 0.208 | 2.114 | 0.035 |
| Adjusted | countSuicideAttempts | 0.871 | 0.133 | -1.040 | 0.298 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 687.207 | 495 | -340.520 | 693.040 | 718.280 | 681.040 | 490 |
| Adjusted | 687.207 | 495 | -334.743 | 695.486 | 750.171 | 669.486 | 483 |

### AUDIT-C vs Active use of Facebook

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.234 | 4 | 493 | 0.296 |
| Adjusted | 1.329 | 4 | 486 | 0.258 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.545 | 0.274 | 1.591 | 0.112 |
| Unadjusted | comm\_facebookOnce\_a\_week | 0.462 | 0.435 | -1.775 | 0.076 |
| Unadjusted | comm\_facebookA\_few\_times\_a\_week | 0.576 | 0.337 | -1.635 | 0.102 |
| Unadjusted | comm\_facebookOnce\_a\_day | 0.584 | 0.355 | -1.514 | 0.130 |
| Unadjusted | comm\_facebookSeveral\_times\_a\_day | 0.747 | 0.305 | -0.959 | 0.337 |
| Adjusted | (Intercept) | 0.959 | 0.338 | -0.123 | 0.902 |
| Adjusted | comm\_facebookOnce\_a\_week | 0.487 | 0.441 | -1.633 | 0.102 |
| Adjusted | comm\_facebookA\_few\_times\_a\_week | 0.556 | 0.346 | -1.697 | 0.090 |
| Adjusted | comm\_facebookOnce\_a\_day | 0.597 | 0.366 | -1.408 | 0.159 |
| Adjusted | comm\_facebookSeveral\_times\_a\_day | 0.792 | 0.316 | -0.739 | 0.460 |
| Adjusted | countSocialMediaExclFB | 1.036 | 0.095 | 0.370 | 0.711 |
| Adjusted | comm\_inpersonOnce a day | 1.312 | 0.336 | 0.808 | 0.419 |
| Adjusted | comm\_inpersonA few times a week | 1.178 | 0.265 | 0.619 | 0.536 |
| Adjusted | comm\_inpersonOnce a week | 1.722 | 0.323 | 1.681 | 0.093 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.673 | 0.251 | 2.052 | 0.040 |
| Adjusted | indSuicideConsideredEverTRUE | 1.604 | 0.210 | 2.245 | 0.025 |
| Adjusted | countSuicideAttempts | 0.857 | 0.132 | -1.170 | 0.242 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 690.085 | 497 | -342.542 | 695.083 | 716.136 | 685.083 | 493 |
| Adjusted | 690.085 | 497 | -336.800 | 697.601 | 748.128 | 673.601 | 486 |

### AUDIT-C vs Get emotional support from others

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.692 | 4 | 493 | 0.598 |
| Adjusted | 0.416 | 4 | 486 | 0.797 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.966 | 0.151 | -0.227 | 0.821 |
| Unadjusted | sm\_emot\_supportRarely | 1.169 | 0.218 | 0.719 | 0.472 |
| Unadjusted | sm\_emot\_supportSometimes | 1.267 | 0.245 | 0.967 | 0.333 |
| Unadjusted | sm\_emot\_supportUsually | 0.733 | 0.351 | -0.884 | 0.377 |
| Unadjusted | sm\_emot\_supportAlways | 1.294 | 0.688 | 0.374 | 0.708 |
| Adjusted | (Intercept) | 0.650 | 0.226 | -1.912 | 0.056 |
| Adjusted | sm\_emot\_supportRarely | 1.133 | 0.225 | 0.556 | 0.578 |
| Adjusted | sm\_emot\_supportSometimes | 1.188 | 0.256 | 0.672 | 0.502 |
| Adjusted | sm\_emot\_supportUsually | 0.773 | 0.360 | -0.715 | 0.474 |
| Adjusted | sm\_emot\_supportAlways | 1.272 | 0.701 | 0.343 | 0.732 |
| Adjusted | countSocialMediaExclFB | 1.043 | 0.096 | 0.433 | 0.665 |
| Adjusted | comm\_inpersonOnce a day | 1.265 | 0.334 | 0.706 | 0.480 |
| Adjusted | comm\_inpersonA few times a week | 1.133 | 0.260 | 0.481 | 0.631 |
| Adjusted | comm\_inpersonOnce a week | 1.658 | 0.319 | 1.585 | 0.113 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.648 | 0.245 | 2.041 | 0.041 |
| Adjusted | indSuicideConsideredEverTRUE | 1.508 | 0.208 | 1.973 | 0.048 |
| Adjusted | countSuicideAttempts | 0.886 | 0.132 | -0.922 | 0.357 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 690.085 | 497 | -343.644 | 697.289 | 718.342 | 687.289 | 493 |
| Adjusted | 690.085 | 497 | -338.651 | 701.301 | 751.829 | 677.301 | 486 |

### AUDIT-C vs Get information about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.753 | 4 | 491 | 0.556 |
| Adjusted | 0.929 | 4 | 484 | 0.447 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.358 | 0.181 | 1.693 | 0.090 |
| Unadjusted | sm\_med\_infoRarely | 0.690 | 0.242 | -1.532 | 0.125 |
| Unadjusted | sm\_med\_infoSometimes | 0.756 | 0.245 | -1.142 | 0.253 |
| Unadjusted | sm\_med\_infoUsually | 0.657 | 0.329 | -1.274 | 0.203 |
| Unadjusted | sm\_med\_infoAlways | 0.644 | 0.548 | -0.802 | 0.422 |
| Adjusted | (Intercept) | 0.909 | 0.243 | -0.394 | 0.693 |
| Adjusted | sm\_med\_infoRarely | 0.648 | 0.247 | -1.761 | 0.078 |
| Adjusted | sm\_med\_infoSometimes | 0.711 | 0.253 | -1.346 | 0.178 |
| Adjusted | sm\_med\_infoUsually | 0.622 | 0.340 | -1.396 | 0.163 |
| Adjusted | sm\_med\_infoAlways | 0.684 | 0.561 | -0.676 | 0.499 |
| Adjusted | countSocialMediaExclFB | 1.088 | 0.096 | 0.871 | 0.384 |
| Adjusted | comm\_inpersonOnce a day | 1.252 | 0.334 | 0.673 | 0.501 |
| Adjusted | comm\_inpersonA few times a week | 1.108 | 0.261 | 0.392 | 0.695 |
| Adjusted | comm\_inpersonOnce a week | 1.672 | 0.319 | 1.610 | 0.107 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.611 | 0.245 | 1.944 | 0.052 |
| Adjusted | indSuicideConsideredEverTRUE | 1.554 | 0.208 | 2.123 | 0.034 |
| Adjusted | countSuicideAttempts | 0.875 | 0.133 | -1.008 | 0.313 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 687.312 | 495 | -342.139 | 694.278 | 715.311 | 684.278 | 491 |
| Adjusted | 687.312 | 495 | -336.582 | 697.165 | 747.644 | 673.165 | 484 |

### AUDIT-C vs Get advice about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 2.740 | 4 | 493 | 0.028 |
| Adjusted | 3.146 | 4 | 486 | 0.014 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.363 | 0.147 | 2.101 | 0.036 |
| Unadjusted | sm\_med\_adviceRarely | 0.545 | 0.217 | -2.806 | 0.005 |
| Unadjusted | sm\_med\_adviceSometimes | 0.734 | 0.241 | -1.284 | 0.199 |
| Unadjusted | sm\_med\_adviceUsually | 1.468 | 0.434 | 0.884 | 0.376 |
| Unadjusted | sm\_med\_adviceAlways | 0.489 | 0.662 | -1.080 | 0.280 |
| Adjusted | (Intercept) | 0.890 | 0.221 | -0.529 | 0.597 |
| Adjusted | sm\_med\_adviceRarely | 0.494 | 0.223 | -3.164 | 0.002 |
| Adjusted | sm\_med\_adviceSometimes | 0.718 | 0.247 | -1.344 | 0.179 |
| Adjusted | sm\_med\_adviceUsually | 1.345 | 0.444 | 0.668 | 0.504 |
| Adjusted | sm\_med\_adviceAlways | 0.496 | 0.675 | -1.039 | 0.299 |
| Adjusted | countSocialMediaExclFB | 1.089 | 0.096 | 0.887 | 0.375 |
| Adjusted | comm\_inpersonOnce a day | 1.161 | 0.339 | 0.441 | 0.659 |
| Adjusted | comm\_inpersonA few times a week | 1.129 | 0.263 | 0.461 | 0.645 |
| Adjusted | comm\_inpersonOnce a week | 1.696 | 0.323 | 1.636 | 0.102 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.655 | 0.247 | 2.040 | 0.041 |
| Adjusted | indSuicideConsideredEverTRUE | 1.640 | 0.210 | 2.358 | 0.018 |
| Adjusted | countSuicideAttempts | 0.857 | 0.134 | -1.154 | 0.248 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 690.085 | 497 | -339.439 | 688.878 | 709.931 | 678.878 | 493 |
| Adjusted | 690.085 | 497 | -333.040 | 690.081 | 740.608 | 666.081 | 486 |

### AUDIT-C vs Ask questions about health or medical issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.335 | 4 | 493 | 0.256 |
| Adjusted | 1.412 | 4 | 486 | 0.229 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.225 | 0.133 | 1.524 | 0.128 |
| Unadjusted | sm\_med\_questionsRarely | 0.726 | 0.209 | -1.529 | 0.126 |
| Unadjusted | sm\_med\_questionsSometimes | 0.653 | 0.260 | -1.638 | 0.101 |
| Unadjusted | sm\_med\_questionsUsually | 1.387 | 0.420 | 0.779 | 0.436 |
| Unadjusted | sm\_med\_questionsAlways | 0.816 | 0.720 | -0.283 | 0.777 |
| Adjusted | (Intercept) | 0.818 | 0.213 | -0.944 | 0.345 |
| Adjusted | sm\_med\_questionsRarely | 0.687 | 0.216 | -1.738 | 0.082 |
| Adjusted | sm\_med\_questionsSometimes | 0.625 | 0.264 | -1.776 | 0.076 |
| Adjusted | sm\_med\_questionsUsually | 1.227 | 0.431 | 0.474 | 0.635 |
| Adjusted | sm\_med\_questionsAlways | 0.774 | 0.734 | -0.349 | 0.727 |
| Adjusted | countSocialMediaExclFB | 1.077 | 0.095 | 0.781 | 0.435 |
| Adjusted | comm\_inpersonOnce a day | 1.172 | 0.335 | 0.474 | 0.636 |
| Adjusted | comm\_inpersonA few times a week | 1.125 | 0.262 | 0.450 | 0.652 |
| Adjusted | comm\_inpersonOnce a week | 1.670 | 0.322 | 1.593 | 0.111 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.621 | 0.245 | 1.975 | 0.048 |
| Adjusted | indSuicideConsideredEverTRUE | 1.579 | 0.208 | 2.200 | 0.028 |
| Adjusted | countSuicideAttempts | 0.853 | 0.133 | -1.201 | 0.230 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 690.085 | 497 | -342.340 | 694.680 | 715.733 | 684.680 | 493 |
| Adjusted | 690.085 | 497 | -336.636 | 697.272 | 747.800 | 673.272 | 486 |

### AUDIT-C vs Share symptoms such as mood swings, depression, anxiety, or sleep problems

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 1.066 | 4 | 492 | 0.373 |
| Adjusted | 1.335 | 4 | 485 | 0.256 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.039 | 0.124 | 0.309 | 0.757 |
| Unadjusted | sm\_share\_symptRarely | 1.215 | 0.211 | 0.920 | 0.357 |
| Unadjusted | sm\_share\_symptSometimes | 0.933 | 0.277 | -0.249 | 0.803 |
| Unadjusted | sm\_share\_symptUsually | 0.481 | 0.450 | -1.624 | 0.104 |
| Unadjusted | sm\_share\_symptAlways | 1.203 | 0.682 | 0.271 | 0.786 |
| Adjusted | (Intercept) | 0.697 | 0.206 | -1.754 | 0.079 |
| Adjusted | sm\_share\_symptRarely | 1.106 | 0.222 | 0.454 | 0.650 |
| Adjusted | sm\_share\_symptSometimes | 0.816 | 0.289 | -0.704 | 0.482 |
| Adjusted | sm\_share\_symptUsually | 0.382 | 0.468 | -2.053 | 0.040 |
| Adjusted | sm\_share\_symptAlways | 0.981 | 0.699 | -0.027 | 0.979 |
| Adjusted | countSocialMediaExclFB | 1.044 | 0.095 | 0.447 | 0.655 |
| Adjusted | comm\_inpersonOnce a day | 1.198 | 0.332 | 0.544 | 0.586 |
| Adjusted | comm\_inpersonA few times a week | 1.134 | 0.262 | 0.479 | 0.632 |
| Adjusted | comm\_inpersonOnce a week | 1.695 | 0.322 | 1.639 | 0.101 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.709 | 0.246 | 2.179 | 0.029 |
| Adjusted | indSuicideConsideredEverTRUE | 1.600 | 0.211 | 2.222 | 0.026 |
| Adjusted | countSuicideAttempts | 0.906 | 0.135 | -0.730 | 0.465 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 688.648 | 496 | -342.094 | 694.188 | 715.231 | 684.188 | 492 |
| Adjusted | 688.648 | 496 | -336.099 | 696.197 | 746.700 | 672.197 | 485 |

### AUDIT-C vs Share information related to your health

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.382 | 4 | 493 | 0.822 |
| Adjusted | 0.408 | 4 | 486 | 0.803 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.061 | 0.130 | 0.455 | 0.649 |
| Unadjusted | sm\_share\_healthRarely | 1.031 | 0.199 | 0.155 | 0.876 |
| Unadjusted | sm\_share\_healthSometimes | 0.910 | 0.295 | -0.319 | 0.750 |
| Unadjusted | sm\_share\_healthUsually | 1.047 | 0.477 | 0.097 | 0.923 |
| Unadjusted | sm\_share\_healthAlways | 0.377 | 0.847 | -1.152 | 0.249 |
| Adjusted | (Intercept) | 0.717 | 0.208 | -1.603 | 0.109 |
| Adjusted | sm\_share\_healthRarely | 0.934 | 0.205 | -0.334 | 0.739 |
| Adjusted | sm\_share\_healthSometimes | 0.839 | 0.307 | -0.570 | 0.569 |
| Adjusted | sm\_share\_healthUsually | 0.787 | 0.496 | -0.482 | 0.629 |
| Adjusted | sm\_share\_healthAlways | 0.376 | 0.863 | -1.133 | 0.257 |
| Adjusted | countSocialMediaExclFB | 1.064 | 0.094 | 0.659 | 0.510 |
| Adjusted | comm\_inpersonOnce a day | 1.234 | 0.333 | 0.632 | 0.528 |
| Adjusted | comm\_inpersonA few times a week | 1.112 | 0.261 | 0.407 | 0.684 |
| Adjusted | comm\_inpersonOnce a week | 1.673 | 0.320 | 1.608 | 0.108 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.644 | 0.245 | 2.025 | 0.043 |
| Adjusted | indSuicideConsideredEverTRUE | 1.571 | 0.209 | 2.161 | 0.031 |
| Adjusted | countSuicideAttempts | 0.902 | 0.133 | -0.775 | 0.438 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 690.085 | 497 | -344.205 | 698.410 | 719.463 | 688.410 | 493 |
| Adjusted | 690.085 | 497 | -338.614 | 701.228 | 751.755 | 677.228 | 486 |

### AUDIT-C vs Share thoughts about suicide or hurting yourself in some way

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.861 | 4 | 491 | 0.487 |
| Adjusted | 0.616 | 4 | 484 | 0.651 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.005 | 0.097 | 0.048 | 0.961 |
| Unadjusted | sm\_share\_suicideRarely | 1.698 | 0.320 | 1.652 | 0.099 |
| Unadjusted | sm\_share\_suicideSometimes | 1.327 | 0.549 | 0.516 | 0.606 |
| Unadjusted | sm\_share\_suicideUsually | 1.991 | 0.871 | 0.790 | 0.429 |
| Unadjusted | sm\_share\_suicideAlways | 0.000 | 509.652 | -0.029 | 0.977 |
| Adjusted | (Intercept) | 0.668 | 0.196 | -2.054 | 0.040 |
| Adjusted | sm\_share\_suicideRarely | 1.594 | 0.328 | 1.423 | 0.155 |
| Adjusted | sm\_share\_suicideSometimes | 1.227 | 0.563 | 0.362 | 0.717 |
| Adjusted | sm\_share\_suicideUsually | 1.796 | 0.885 | 0.661 | 0.508 |
| Adjusted | sm\_share\_suicideAlways | 0.000 | 494.250 | -0.030 | 0.976 |
| Adjusted | countSocialMediaExclFB | 1.048 | 0.095 | 0.493 | 0.622 |
| Adjusted | comm\_inpersonOnce a day | 1.291 | 0.335 | 0.762 | 0.446 |
| Adjusted | comm\_inpersonA few times a week | 1.102 | 0.261 | 0.372 | 0.710 |
| Adjusted | comm\_inpersonOnce a week | 1.676 | 0.320 | 1.614 | 0.106 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.672 | 0.246 | 2.094 | 0.036 |
| Adjusted | indSuicideConsideredEverTRUE | 1.491 | 0.209 | 1.910 | 0.056 |
| Adjusted | countSuicideAttempts | 0.884 | 0.139 | -0.891 | 0.373 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 687.207 | 495 | -339.654 | 689.308 | 710.340 | 679.308 | 491 |
| Adjusted | 687.207 | 495 | -334.552 | 693.104 | 743.582 | 669.104 | 484 |

### DSI-SS vs Frequency of Facebook use

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.646 | 5 | 605 | 0.665 |
| Adjusted | 0.784 | 5 | 598 | 0.562 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.250 | 0.791 | -1.754 | 0.080 |
| Unadjusted | fb\_freqEvery\_few\_weeks | 4.000 | 1.275 | 1.087 | 0.277 |
| Unadjusted | fb\_freqOnce\_a\_week | 0.800 | 1.351 | -0.165 | 0.869 |
| Unadjusted | fb\_freqA\_few\_times\_a\_week | 0.667 | 0.905 | -0.448 | 0.654 |
| Unadjusted | fb\_freqOnce\_a\_day | 1.220 | 0.835 | 0.238 | 0.812 |
| Unadjusted | fb\_freqSeveral\_times\_a\_day | 1.130 | 0.798 | 0.154 | 0.878 |
| Adjusted | (Intercept) | 0.106 | 0.877 | -2.555 | 0.011 |
| Adjusted | fb\_freqEvery\_few\_weeks | 5.075 | 1.390 | 1.169 | 0.242 |
| Adjusted | fb\_freqOnce\_a\_week | 0.484 | 1.420 | -0.512 | 0.609 |
| Adjusted | fb\_freqA\_few\_times\_a\_week | 0.504 | 0.965 | -0.710 | 0.478 |
| Adjusted | fb\_freqOnce\_a\_day | 0.781 | 0.893 | -0.277 | 0.782 |
| Adjusted | fb\_freqSeveral\_times\_a\_day | 0.751 | 0.852 | -0.336 | 0.737 |
| Adjusted | countSocialMediaExclFB | 0.999 | 0.107 | -0.012 | 0.990 |
| Adjusted | comm\_inpersonOnce a day | 0.911 | 0.444 | -0.209 | 0.834 |
| Adjusted | comm\_inpersonA few times a week | 1.066 | 0.328 | 0.196 | 0.844 |
| Adjusted | comm\_inpersonOnce a week | 1.306 | 0.353 | 0.756 | 0.450 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.505 | 0.283 | 1.444 | 0.149 |
| Adjusted | indSuicideConsideredEverTRUE | 5.840 | 0.249 | 7.091 | 0.000 |
| Adjusted | countSuicideAttempts | 1.259 | 0.122 | 1.878 | 0.060 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 640.268 | 610 | -318.479 | 648.959 | 675.449 | 636.959 | 605 |
| Adjusted | 640.268 | 610 | -272.314 | 570.627 | 628.024 | 544.627 | 598 |

### DSI-SS vs Active use of Facebook

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.714 | 4 | 608 | 0.583 |
| Adjusted | 0.986 | 4 | 601 | 0.414 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.385 | 0.263 | -3.632 | 0.000 |
| Unadjusted | comm\_facebookOnce\_a\_week | 0.709 | 0.459 | -0.749 | 0.454 |
| Unadjusted | comm\_facebookA\_few\_times\_a\_week | 0.830 | 0.336 | -0.555 | 0.579 |
| Unadjusted | comm\_facebookOnce\_a\_day | 0.634 | 0.363 | -1.256 | 0.209 |
| Unadjusted | comm\_facebookSeveral\_times\_a\_day | 0.641 | 0.304 | -1.463 | 0.143 |
| Adjusted | (Intercept) | 0.136 | 0.390 | -5.115 | 0.000 |
| Adjusted | comm\_facebookOnce\_a\_week | 0.671 | 0.512 | -0.779 | 0.436 |
| Adjusted | comm\_facebookA\_few\_times\_a\_week | 0.656 | 0.377 | -1.118 | 0.263 |
| Adjusted | comm\_facebookOnce\_a\_day | 0.557 | 0.406 | -1.444 | 0.149 |
| Adjusted | comm\_facebookSeveral\_times\_a\_day | 0.512 | 0.348 | -1.923 | 0.054 |
| Adjusted | countSocialMediaExclFB | 1.009 | 0.107 | 0.084 | 0.933 |
| Adjusted | comm\_inpersonOnce a day | 0.922 | 0.440 | -0.184 | 0.854 |
| Adjusted | comm\_inpersonA few times a week | 0.965 | 0.329 | -0.108 | 0.914 |
| Adjusted | comm\_inpersonOnce a week | 1.201 | 0.357 | 0.513 | 0.608 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.375 | 0.288 | 1.103 | 0.270 |
| Adjusted | indSuicideConsideredEverTRUE | 5.925 | 0.250 | 7.103 | 0.000 |
| Adjusted | countSuicideAttempts | 1.258 | 0.122 | 1.886 | 0.059 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 641.248 | 612 | -319.228 | 648.456 | 670.547 | 638.456 | 608 |
| Adjusted | 641.248 | 612 | -273.282 | 570.564 | 623.584 | 546.564 | 601 |

### DSI-SS vs Get emotional support from others

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.553 | 4 | 608 | 0.697 |
| Adjusted | 0.955 | 4 | 601 | 0.432 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.263 | 0.166 | -8.064 | 0.000 |
| Unadjusted | sm\_emot\_supportRarely | 1.251 | 0.235 | 0.953 | 0.341 |
| Unadjusted | sm\_emot\_supportSometimes | 0.909 | 0.271 | -0.352 | 0.725 |
| Unadjusted | sm\_emot\_supportUsually | 1.101 | 0.380 | 0.254 | 0.800 |
| Unadjusted | sm\_emot\_supportAlways | 0.476 | 1.073 | -0.692 | 0.489 |
| Adjusted | (Intercept) | 0.088 | 0.297 | -8.203 | 0.000 |
| Adjusted | sm\_emot\_supportRarely | 1.011 | 0.264 | 0.043 | 0.966 |
| Adjusted | sm\_emot\_supportSometimes | 0.663 | 0.307 | -1.336 | 0.182 |
| Adjusted | sm\_emot\_supportUsually | 0.839 | 0.430 | -0.409 | 0.682 |
| Adjusted | sm\_emot\_supportAlways | 0.236 | 1.142 | -1.266 | 0.206 |
| Adjusted | countSocialMediaExclFB | 1.011 | 0.110 | 0.103 | 0.918 |
| Adjusted | comm\_inpersonOnce a day | 1.026 | 0.440 | 0.059 | 0.953 |
| Adjusted | comm\_inpersonA few times a week | 1.013 | 0.328 | 0.039 | 0.969 |
| Adjusted | comm\_inpersonOnce a week | 1.338 | 0.353 | 0.825 | 0.410 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.503 | 0.284 | 1.432 | 0.152 |
| Adjusted | indSuicideConsideredEverTRUE | 5.791 | 0.249 | 7.064 | 0.000 |
| Adjusted | countSuicideAttempts | 1.288 | 0.124 | 2.040 | 0.041 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 641.248 | 612 | -319.460 | 648.921 | 671.012 | 638.921 | 608 |
| Adjusted | 641.248 | 612 | -273.063 | 570.125 | 623.145 | 546.125 | 601 |

### DSI-SS vs Get information about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.698 | 4 | 606 | 0.593 |
| Adjusted | 0.909 | 4 | 599 | 0.458 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.281 | 0.194 | -6.540 | 0.000 |
| Unadjusted | sm\_med\_infoRarely | 1.144 | 0.259 | 0.519 | 0.604 |
| Unadjusted | sm\_med\_infoSometimes | 0.914 | 0.268 | -0.334 | 0.738 |
| Unadjusted | sm\_med\_infoUsually | 1.007 | 0.351 | 0.020 | 0.984 |
| Unadjusted | sm\_med\_infoAlways | 0.356 | 0.766 | -1.348 | 0.178 |
| Adjusted | (Intercept) | 0.086 | 0.315 | -7.780 | 0.000 |
| Adjusted | sm\_med\_infoRarely | 1.115 | 0.285 | 0.380 | 0.704 |
| Adjusted | sm\_med\_infoSometimes | 0.868 | 0.299 | -0.474 | 0.636 |
| Adjusted | sm\_med\_infoUsually | 0.775 | 0.394 | -0.646 | 0.518 |
| Adjusted | sm\_med\_infoAlways | 0.274 | 0.839 | -1.542 | 0.123 |
| Adjusted | countSocialMediaExclFB | 1.014 | 0.111 | 0.128 | 0.898 |
| Adjusted | comm\_inpersonOnce a day | 0.968 | 0.443 | -0.072 | 0.942 |
| Adjusted | comm\_inpersonA few times a week | 0.993 | 0.329 | -0.021 | 0.983 |
| Adjusted | comm\_inpersonOnce a week | 1.284 | 0.351 | 0.712 | 0.476 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.494 | 0.284 | 1.416 | 0.157 |
| Adjusted | indSuicideConsideredEverTRUE | 5.605 | 0.247 | 6.971 | 0.000 |
| Adjusted | countSuicideAttempts | 1.309 | 0.124 | 2.171 | 0.030 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 640.268 | 610 | -318.433 | 646.866 | 668.942 | 636.866 | 606 |
| Adjusted | 640.268 | 610 | -272.377 | 568.754 | 621.735 | 544.754 | 599 |

### DSI-SS vs Get advice about health or medical topics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.553 | 4 | 608 | 0.697 |
| Adjusted | 1.016 | 4 | 601 | 0.398 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.290 | 0.155 | -8.001 | 0.000 |
| Unadjusted | sm\_med\_adviceRarely | 0.981 | 0.235 | -0.083 | 0.934 |
| Unadjusted | sm\_med\_adviceSometimes | 0.861 | 0.265 | -0.564 | 0.572 |
| Unadjusted | sm\_med\_adviceUsually | 1.188 | 0.398 | 0.432 | 0.666 |
| Unadjusted | sm\_med\_adviceAlways | 0.265 | 1.049 | -1.266 | 0.206 |
| Adjusted | (Intercept) | 0.093 | 0.287 | -8.291 | 0.000 |
| Adjusted | sm\_med\_adviceRarely | 0.814 | 0.260 | -0.790 | 0.430 |
| Adjusted | sm\_med\_adviceSometimes | 0.724 | 0.295 | -1.093 | 0.274 |
| Adjusted | sm\_med\_adviceUsually | 0.882 | 0.442 | -0.284 | 0.776 |
| Adjusted | sm\_med\_adviceAlways | 0.140 | 1.112 | -1.771 | 0.077 |
| Adjusted | countSocialMediaExclFB | 1.020 | 0.109 | 0.178 | 0.859 |
| Adjusted | comm\_inpersonOnce a day | 0.983 | 0.441 | -0.038 | 0.970 |
| Adjusted | comm\_inpersonA few times a week | 1.010 | 0.328 | 0.030 | 0.976 |
| Adjusted | comm\_inpersonOnce a week | 1.324 | 0.353 | 0.796 | 0.426 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.511 | 0.283 | 1.458 | 0.145 |
| Adjusted | indSuicideConsideredEverTRUE | 5.727 | 0.248 | 7.044 | 0.000 |
| Adjusted | countSuicideAttempts | 1.299 | 0.123 | 2.121 | 0.034 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 641.248 | 612 | -319.174 | 648.348 | 670.440 | 638.348 | 608 |
| Adjusted | 641.248 | 612 | -272.528 | 569.056 | 622.076 | 545.056 | 601 |

### DSI-SS vs Ask questions about health or medical issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 0.621 | 4 | 608 | 0.648 |
| Adjusted | 0.865 | 4 | 601 | 0.485 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.281 | 0.144 | -8.844 | 0.000 |
| Unadjusted | sm\_med\_questionsRarely | 0.897 | 0.235 | -0.460 | 0.646 |
| Unadjusted | sm\_med\_questionsSometimes | 1.069 | 0.274 | 0.245 | 0.806 |
| Unadjusted | sm\_med\_questionsUsually | 1.426 | 0.401 | 0.885 | 0.376 |
| Unadjusted | sm\_med\_questionsAlways | 0.324 | 1.054 | -1.069 | 0.285 |
| Adjusted | (Intercept) | 0.085 | 0.285 | -8.647 | 0.000 |
| Adjusted | sm\_med\_questionsRarely | 0.848 | 0.264 | -0.624 | 0.532 |
| Adjusted | sm\_med\_questionsSometimes | 0.942 | 0.300 | -0.199 | 0.843 |
| Adjusted | sm\_med\_questionsUsually | 0.947 | 0.450 | -0.121 | 0.904 |
| Adjusted | sm\_med\_questionsAlways | 0.138 | 1.103 | -1.794 | 0.073 |
| Adjusted | countSocialMediaExclFB | 1.007 | 0.110 | 0.059 | 0.953 |
| Adjusted | comm\_inpersonOnce a day | 0.981 | 0.441 | -0.044 | 0.965 |
| Adjusted | comm\_inpersonA few times a week | 1.015 | 0.328 | 0.046 | 0.963 |
| Adjusted | comm\_inpersonOnce a week | 1.341 | 0.354 | 0.829 | 0.407 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.560 | 0.283 | 1.570 | 0.117 |
| Adjusted | indSuicideConsideredEverTRUE | 5.727 | 0.247 | 7.054 | 0.000 |
| Adjusted | countSuicideAttempts | 1.294 | 0.124 | 2.081 | 0.037 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 641.248 | 612 | -319.196 | 648.393 | 670.485 | 638.393 | 608 |
| Adjusted | 641.248 | 612 | -272.710 | 569.419 | 622.440 | 545.419 | 601 |

### DSI-SS vs Share symptoms such as mood swings, depression, anxiety, or sleep problems

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 3.661 | 4 | 607 | 0.006 |
| Adjusted | 1.123 | 4 | 600 | 0.345 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.199 | 0.149 | -10.853 | 0.000 |
| Unadjusted | sm\_share\_symptRarely | 1.808 | 0.234 | 2.536 | 0.011 |
| Unadjusted | sm\_share\_symptSometimes | 2.015 | 0.284 | 2.469 | 0.014 |
| Unadjusted | sm\_share\_symptUsually | 3.022 | 0.394 | 2.804 | 0.005 |
| Unadjusted | sm\_share\_symptAlways | 0.504 | 1.059 | -0.647 | 0.517 |
| Adjusted | (Intercept) | 0.073 | 0.280 | -9.334 | 0.000 |
| Adjusted | sm\_share\_symptRarely | 1.342 | 0.260 | 1.130 | 0.258 |
| Adjusted | sm\_share\_symptSometimes | 1.244 | 0.318 | 0.686 | 0.493 |
| Adjusted | sm\_share\_symptUsually | 1.359 | 0.430 | 0.714 | 0.475 |
| Adjusted | sm\_share\_symptAlways | 0.179 | 1.116 | -1.543 | 0.123 |
| Adjusted | countSocialMediaExclFB | 0.997 | 0.109 | -0.029 | 0.977 |
| Adjusted | comm\_inpersonOnce a day | 0.962 | 0.440 | -0.089 | 0.929 |
| Adjusted | comm\_inpersonA few times a week | 1.012 | 0.328 | 0.035 | 0.972 |
| Adjusted | comm\_inpersonOnce a week | 1.268 | 0.355 | 0.670 | 0.503 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.593 | 0.284 | 1.637 | 0.102 |
| Adjusted | indSuicideConsideredEverTRUE | 5.338 | 0.251 | 6.684 | 0.000 |
| Adjusted | countSuicideAttempts | 1.295 | 0.125 | 2.065 | 0.039 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 640.758 | 611 | -312.920 | 635.840 | 657.924 | 625.840 | 607 |
| Adjusted | 640.758 | 611 | -272.219 | 568.439 | 621.439 | 544.439 | 600 |

### DSI-SS vs Share information related to your health

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 2.871 | 4 | 607 | 0.022 |
| Adjusted | 0.902 | 4 | 600 | 0.462 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.222 | 0.152 | -9.920 | 0.000 |
| Unadjusted | sm\_share\_healthRarely | 1.494 | 0.219 | 1.828 | 0.067 |
| Unadjusted | sm\_share\_healthSometimes | 1.223 | 0.320 | 0.629 | 0.530 |
| Unadjusted | sm\_share\_healthUsually | 4.134 | 0.444 | 3.195 | 0.001 |
| Unadjusted | sm\_share\_healthAlways | 0.000 | 485.133 | -0.029 | 0.977 |
| Adjusted | (Intercept) | 0.082 | 0.280 | -8.930 | 0.000 |
| Adjusted | sm\_share\_healthRarely | 1.045 | 0.244 | 0.182 | 0.856 |
| Adjusted | sm\_share\_healthSometimes | 0.660 | 0.360 | -1.153 | 0.249 |
| Adjusted | sm\_share\_healthUsually | 1.833 | 0.496 | 1.221 | 0.222 |
| Adjusted | sm\_share\_healthAlways | 0.000 | 685.263 | -0.023 | 0.981 |
| Adjusted | countSocialMediaExclFB | 1.013 | 0.109 | 0.122 | 0.903 |
| Adjusted | comm\_inpersonOnce a day | 0.958 | 0.441 | -0.098 | 0.922 |
| Adjusted | comm\_inpersonA few times a week | 1.015 | 0.330 | 0.044 | 0.965 |
| Adjusted | comm\_inpersonOnce a week | 1.279 | 0.358 | 0.688 | 0.491 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.487 | 0.287 | 1.385 | 0.166 |
| Adjusted | indSuicideConsideredEverTRUE | 5.537 | 0.251 | 6.822 | 0.000 |
| Adjusted | countSuicideAttempts | 1.363 | 0.129 | 2.400 | 0.016 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 640.758 | 611 | -312.610 | 635.220 | 657.304 | 625.220 | 607 |
| Adjusted | 640.758 | 611 | -269.121 | 562.241 | 615.242 | 538.241 | 600 |

### DSI-SS vs Share thoughts about suicide or hurting yourself in some way

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| model | F | df1 | df2 | pValue |
| Unadjusted | 10.954 | 4 | 605 | 0 |
| Adjusted | 6.267 | 4 | 598 | 0 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.208 | 0.116 | -13.560 | 0.000 |
| Unadjusted | sm\_share\_suicideRarely | 5.155 | 0.287 | 5.711 | 0.000 |
| Unadjusted | sm\_share\_suicideSometimes | 4.811 | 0.513 | 3.061 | 0.002 |
| Unadjusted | sm\_share\_suicideUsually | 6.014 | 0.681 | 2.635 | 0.008 |
| Unadjusted | sm\_share\_suicideAlways | 0.000 | 727.699 | -0.019 | 0.985 |
| Adjusted | (Intercept) | 0.068 | 0.279 | -9.625 | 0.000 |
| Adjusted | sm\_share\_suicideRarely | 4.046 | 0.319 | 4.385 | 0.000 |
| Adjusted | sm\_share\_suicideSometimes | 2.949 | 0.556 | 1.945 | 0.052 |
| Adjusted | sm\_share\_suicideUsually | 4.956 | 0.748 | 2.139 | 0.032 |
| Adjusted | sm\_share\_suicideAlways | 0.000 | 645.370 | -0.023 | 0.981 |
| Adjusted | countSocialMediaExclFB | 0.958 | 0.112 | -0.383 | 0.702 |
| Adjusted | comm\_inpersonOnce a day | 1.064 | 0.448 | 0.138 | 0.890 |
| Adjusted | comm\_inpersonA few times a week | 1.010 | 0.336 | 0.029 | 0.977 |
| Adjusted | comm\_inpersonOnce a week | 1.316 | 0.363 | 0.755 | 0.450 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 1.619 | 0.292 | 1.652 | 0.099 |
| Adjusted | indSuicideConsideredEverTRUE | 5.048 | 0.253 | 6.403 | 0.000 |
| Adjusted | countSuicideAttempts | 1.286 | 0.132 | 1.904 | 0.057 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 639.776 | 609 | -297.590 | 605.180 | 627.247 | 595.180 | 605 |
| Adjusted | 639.776 | 609 | -259.937 | 543.874 | 596.836 | 519.874 | 598 |

## F-tests

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| depvar | indepvar | model | F | df1 | df2 | pValue | indSig |
| indPTSD | fb\_freq | Unadjusted | 1.204 | 5 | 516 | 0.306 | . |
| indPTSD | fb\_freq | Adjusted | 1.215 | 5 | 509 | 0.301 | . |
| indPTSD | comm\_facebook | Unadjusted | 1.859 | 4 | 519 | 0.116 | . |
| indPTSD | comm\_facebook | Adjusted | 1.592 | 4 | 512 | 0.175 | . |
| indPTSD | sm\_emot\_support | Unadjusted | 1.621 | 4 | 519 | 0.167 | . |
| indPTSD | sm\_emot\_support | Adjusted | 1.820 | 4 | 512 | 0.124 | . |
| indPTSD | sm\_med\_info | Unadjusted | 1.232 | 4 | 517 | 0.296 | . |
| indPTSD | sm\_med\_info | Adjusted | 1.138 | 4 | 510 | 0.338 | . |
| indPTSD | sm\_med\_advice | Unadjusted | 2.330 | 4 | 519 | 0.055 | . |
| indPTSD | sm\_med\_advice | Adjusted | 2.425 | 4 | 512 | 0.047 | \* |
| indPTSD | sm\_med\_questions | Unadjusted | 2.083 | 4 | 519 | 0.082 | . |
| indPTSD | sm\_med\_questions | Adjusted | 1.370 | 4 | 512 | 0.243 | . |
| indPTSD | sm\_share\_sympt | Unadjusted | 4.949 | 4 | 518 | 0.001 | \*\*\* |
| indPTSD | sm\_share\_sympt | Adjusted | 2.213 | 4 | 511 | 0.066 | . |
| indPTSD | sm\_share\_health | Unadjusted | 2.572 | 4 | 518 | 0.037 | \* |
| indPTSD | sm\_share\_health | Adjusted | 1.783 | 4 | 511 | 0.131 | . |
| indPTSD | sm\_share\_suicide | Unadjusted | 4.964 | 4 | 517 | 0.001 | \*\*\* |
| indPTSD | sm\_share\_suicide | Adjusted | 3.211 | 4 | 510 | 0.013 | \* |
| indPHQ | fb\_freq | Unadjusted | 0.497 | 5 | 605 | 0.778 | . |
| indPHQ | fb\_freq | Adjusted | 0.415 | 5 | 598 | 0.838 | . |
| indPHQ | comm\_facebook | Unadjusted | 0.601 | 4 | 608 | 0.662 | . |
| indPHQ | comm\_facebook | Adjusted | 0.477 | 4 | 601 | 0.753 | . |
| indPHQ | sm\_emot\_support | Unadjusted | 0.730 | 4 | 608 | 0.571 | . |
| indPHQ | sm\_emot\_support | Adjusted | 0.432 | 4 | 601 | 0.786 | . |
| indPHQ | sm\_med\_info | Unadjusted | 2.224 | 4 | 606 | 0.065 | . |
| indPHQ | sm\_med\_info | Adjusted | 2.309 | 4 | 599 | 0.057 | . |
| indPHQ | sm\_med\_advice | Unadjusted | 2.448 | 4 | 608 | 0.045 | \* |
| indPHQ | sm\_med\_advice | Adjusted | 2.626 | 4 | 601 | 0.034 | \* |
| indPHQ | sm\_med\_questions | Unadjusted | 3.007 | 4 | 608 | 0.018 | \* |
| indPHQ | sm\_med\_questions | Adjusted | 2.252 | 4 | 601 | 0.062 | . |
| indPHQ | sm\_share\_sympt | Unadjusted | 6.696 | 4 | 607 | 0.000 | \*\*\* |
| indPHQ | sm\_share\_sympt | Adjusted | 3.005 | 4 | 600 | 0.018 | \* |
| indPHQ | sm\_share\_health | Unadjusted | 4.246 | 4 | 607 | 0.002 | \*\* |
| indPHQ | sm\_share\_health | Adjusted | 2.125 | 4 | 600 | 0.076 | . |
| indPHQ | sm\_share\_suicide | Unadjusted | 7.819 | 4 | 605 | 0.000 | \*\*\* |
| indPHQ | sm\_share\_suicide | Adjusted | 5.213 | 4 | 598 | 0.000 | \*\*\* |
| indAuditC | fb\_freq | Unadjusted | 1.026 | 5 | 490 | 0.402 | . |
| indAuditC | fb\_freq | Adjusted | 1.082 | 5 | 483 | 0.369 | . |
| indAuditC | comm\_facebook | Unadjusted | 1.234 | 4 | 493 | 0.296 | . |
| indAuditC | comm\_facebook | Adjusted | 1.329 | 4 | 486 | 0.258 | . |
| indAuditC | sm\_emot\_support | Unadjusted | 0.692 | 4 | 493 | 0.598 | . |
| indAuditC | sm\_emot\_support | Adjusted | 0.416 | 4 | 486 | 0.797 | . |
| indAuditC | sm\_med\_info | Unadjusted | 0.753 | 4 | 491 | 0.556 | . |
| indAuditC | sm\_med\_info | Adjusted | 0.929 | 4 | 484 | 0.447 | . |
| indAuditC | sm\_med\_advice | Unadjusted | 2.740 | 4 | 493 | 0.028 | \* |
| indAuditC | sm\_med\_advice | Adjusted | 3.146 | 4 | 486 | 0.014 | \* |
| indAuditC | sm\_med\_questions | Unadjusted | 1.335 | 4 | 493 | 0.256 | . |
| indAuditC | sm\_med\_questions | Adjusted | 1.412 | 4 | 486 | 0.229 | . |
| indAuditC | sm\_share\_sympt | Unadjusted | 1.066 | 4 | 492 | 0.373 | . |
| indAuditC | sm\_share\_sympt | Adjusted | 1.335 | 4 | 485 | 0.256 | . |
| indAuditC | sm\_share\_health | Unadjusted | 0.382 | 4 | 493 | 0.822 | . |
| indAuditC | sm\_share\_health | Adjusted | 0.408 | 4 | 486 | 0.803 | . |
| indAuditC | sm\_share\_suicide | Unadjusted | 0.861 | 4 | 491 | 0.487 | . |
| indAuditC | sm\_share\_suicide | Adjusted | 0.616 | 4 | 484 | 0.651 | . |
| indDSISS | fb\_freq | Unadjusted | 0.646 | 5 | 605 | 0.665 | . |
| indDSISS | fb\_freq | Adjusted | 0.784 | 5 | 598 | 0.562 | . |
| indDSISS | comm\_facebook | Unadjusted | 0.714 | 4 | 608 | 0.583 | . |
| indDSISS | comm\_facebook | Adjusted | 0.986 | 4 | 601 | 0.414 | . |
| indDSISS | sm\_emot\_support | Unadjusted | 0.553 | 4 | 608 | 0.697 | . |
| indDSISS | sm\_emot\_support | Adjusted | 0.955 | 4 | 601 | 0.432 | . |
| indDSISS | sm\_med\_info | Unadjusted | 0.698 | 4 | 606 | 0.593 | . |
| indDSISS | sm\_med\_info | Adjusted | 0.909 | 4 | 599 | 0.458 | . |
| indDSISS | sm\_med\_advice | Unadjusted | 0.553 | 4 | 608 | 0.697 | . |
| indDSISS | sm\_med\_advice | Adjusted | 1.016 | 4 | 601 | 0.398 | . |
| indDSISS | sm\_med\_questions | Unadjusted | 0.621 | 4 | 608 | 0.648 | . |
| indDSISS | sm\_med\_questions | Adjusted | 0.865 | 4 | 601 | 0.485 | . |
| indDSISS | sm\_share\_sympt | Unadjusted | 3.661 | 4 | 607 | 0.006 | \*\* |
| indDSISS | sm\_share\_sympt | Adjusted | 1.123 | 4 | 600 | 0.345 | . |
| indDSISS | sm\_share\_health | Unadjusted | 2.871 | 4 | 607 | 0.022 | \* |
| indDSISS | sm\_share\_health | Adjusted | 0.902 | 4 | 600 | 0.462 | . |
| indDSISS | sm\_share\_suicide | Unadjusted | 10.954 | 4 | 605 | 0.000 | \*\*\* |
| indDSISS | sm\_share\_suicide | Adjusted | 6.267 | 4 | 598 | 0.000 | \*\*\* |

# Research Question 3

**Is perceived social support received from Facebook (FMSS) associated with health service utilization?**

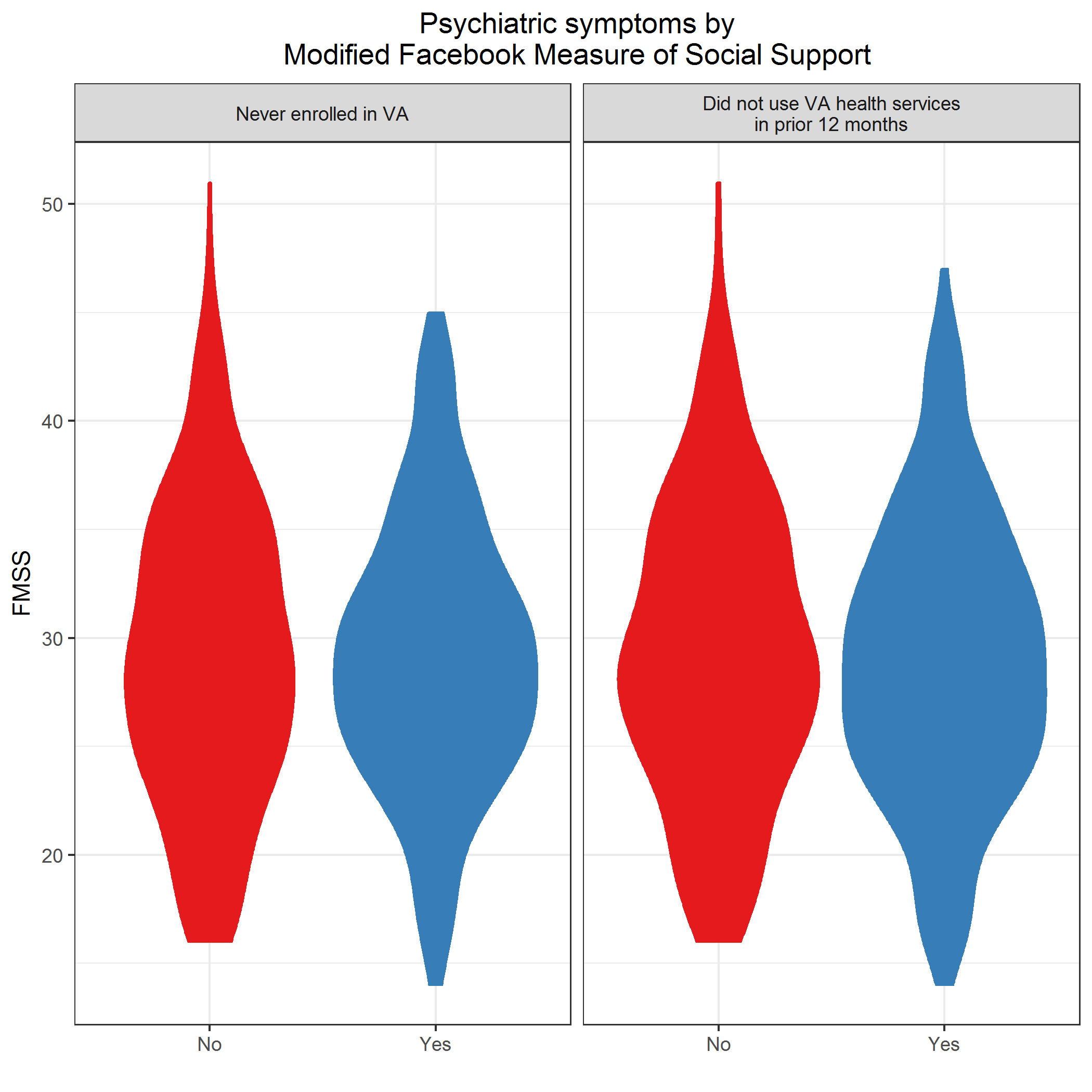
* Among participants with positive screens for psychiatric disorders or suicidal ideation?
* Among all participants?

Use interaction terms to examine effect modification by positive screens for psychiatric disorders or suicidal ideation. **Look at the unadjusted and adjusted odds ratio for the fmss term.**

## Unadjusted comparisons

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indVANeverEnrolled | mean | sd | min | max | n | freq |
| fmss | FALSE | 29.1 | 6.9 | 16 | 51 | 413 | 67.8% |
| fmss | TRUE | 29.1 | 6.2 | 14 | 45 | 196 | 32.2% |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| yvariable | indVANotUse12mo | mean | sd | min | max | n | freq |
| fmss | FALSE | 29.2 | 6.9 | 16 | 51 | 275 | 45.2% |
| fmss | TRUE | 29.0 | 6.5 | 14 | 47 | 333 | 54.8% |



plot of chunk plot2GroupsRQ3

## Adjusted comparisons

Filter subjects with missing covariates.

### Never enrolled in VA

**PC-PTSD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.313 | 0.637 | -1.823 | 0.068 |
| Unadjusted | fmss | 0.996 | 0.022 | -0.195 | 0.845 |
| Unadjusted | indNotPTSDTRUE | 3.546 | 0.876 | 1.446 | 0.148 |
| Unadjusted | fmss:indNotPTSDTRUE | 0.986 | 0.030 | -0.459 | 0.647 |
| Adjusted | (Intercept) | 0.549 | 0.705 | -0.850 | 0.395 |
| Adjusted | fmss | 0.996 | 0.023 | -0.164 | 0.870 |
| Adjusted | countSocialMediaExclFB | 0.843 | 0.109 | -1.566 | 0.117 |
| Adjusted | comm\_inpersonOnce a day | 0.937 | 0.354 | -0.183 | 0.855 |
| Adjusted | comm\_inpersonA few times a week | 0.661 | 0.288 | -1.436 | 0.151 |
| Adjusted | comm\_inpersonOnce a week | 0.616 | 0.366 | -1.321 | 0.187 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.643 | 0.265 | -1.665 | 0.096 |
| Adjusted | indSuicideConsideredEverTRUE | 1.074 | 0.226 | 0.317 | 0.752 |
| Adjusted | countSuicideAttempts | 0.556 | 0.225 | -2.602 | 0.009 |
| Adjusted | indNotPTSDTRUE | 2.626 | 0.913 | 1.057 | 0.291 |
| Adjusted | fmss:indNotPTSDTRUE | 0.990 | 0.031 | -0.333 | 0.739 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 624.047 | 508 | -301.862 | 611.724 | 628.654 | 603.724 | 505 |
| Adjusted | 624.047 | 508 | -292.589 | 607.179 | 653.736 | 585.179 | 498 |

**PHQ-2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.595 | 0.794 | -0.655 | 0.513 |
| Unadjusted | fmss | 0.973 | 0.028 | -0.969 | 0.332 |
| Unadjusted | indNotPHQTRUE | 0.933 | 0.922 | -0.076 | 0.940 |
| Unadjusted | fmss:indNotPHQTRUE | 1.030 | 0.032 | 0.916 | 0.360 |
| Adjusted | (Intercept) | 1.147 | 0.837 | 0.164 | 0.870 |
| Adjusted | fmss | 0.970 | 0.029 | -1.049 | 0.294 |
| Adjusted | countSocialMediaExclFB | 0.811 | 0.102 | -2.068 | 0.039 |
| Adjusted | comm\_inpersonOnce a day | 1.212 | 0.308 | 0.624 | 0.533 |
| Adjusted | comm\_inpersonA few times a week | 0.692 | 0.260 | -1.415 | 0.157 |
| Adjusted | comm\_inpersonOnce a week | 0.664 | 0.331 | -1.235 | 0.217 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.646 | 0.240 | -1.820 | 0.069 |
| Adjusted | indSuicideConsideredEverTRUE | 1.147 | 0.206 | 0.666 | 0.506 |
| Adjusted | countSuicideAttempts | 0.509 | 0.215 | -3.146 | 0.002 |
| Adjusted | indNotPHQTRUE | 0.635 | 0.951 | -0.478 | 0.633 |
| Adjusted | fmss:indNotPHQTRUE | 1.037 | 0.033 | 1.083 | 0.279 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 754.974 | 595 | -370.363 | 748.725 | 766.286 | 740.725 | 592 |
| Adjusted | 754.974 | 595 | -356.096 | 734.193 | 782.485 | 712.193 | 585 |

**AUDIT-C**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.573 | 0.617 | -0.904 | 0.366 |
| Unadjusted | fmss | 0.999 | 0.021 | -0.046 | 0.963 |
| Unadjusted | indNotAuditCTRUE | 0.664 | 0.879 | -0.466 | 0.641 |
| Unadjusted | fmss:indNotAuditCTRUE | 1.014 | 0.029 | 0.492 | 0.623 |
| Adjusted | (Intercept) | 0.848 | 0.679 | -0.243 | 0.808 |
| Adjusted | fmss | 1.001 | 0.022 | 0.028 | 0.978 |
| Adjusted | countSocialMediaExclFB | 0.800 | 0.107 | -2.086 | 0.037 |
| Adjusted | comm\_inpersonOnce a day | 1.372 | 0.341 | 0.927 | 0.354 |
| Adjusted | comm\_inpersonA few times a week | 0.786 | 0.277 | -0.870 | 0.384 |
| Adjusted | comm\_inpersonOnce a week | 0.787 | 0.349 | -0.686 | 0.493 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.694 | 0.262 | -1.394 | 0.163 |
| Adjusted | indSuicideConsideredEverTRUE | 1.008 | 0.219 | 0.038 | 0.969 |
| Adjusted | countSuicideAttempts | 0.509 | 0.226 | -2.989 | 0.003 |
| Adjusted | indNotAuditCTRUE | 0.668 | 0.925 | -0.436 | 0.663 |
| Adjusted | fmss:indNotAuditCTRUE | 1.013 | 0.031 | 0.414 | 0.679 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 632.232 | 483 | -315.898 | 639.797 | 656.525 | 631.797 | 480 |
| Adjusted | 632.232 | 483 | -302.148 | 626.295 | 672.298 | 604.295 | 473 |

**DSI-SS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.170 | 0.870 | -2.036 | 0.042 |
| Unadjusted | fmss | 1.034 | 0.030 | 1.112 | 0.266 |
| Unadjusted | indNotDSISSTRUE | 3.823 | 0.979 | 1.370 | 0.171 |
| Unadjusted | fmss:indNotDSISSTRUE | 0.959 | 0.034 | -1.249 | 0.211 |
| Adjusted | (Intercept) | 0.419 | 0.949 | -0.918 | 0.359 |
| Adjusted | fmss | 1.032 | 0.032 | 0.977 | 0.329 |
| Adjusted | countSocialMediaExclFB | 0.817 | 0.100 | -2.023 | 0.043 |
| Adjusted | comm\_inpersonOnce a day | 1.195 | 0.307 | 0.581 | 0.561 |
| Adjusted | comm\_inpersonA few times a week | 0.676 | 0.260 | -1.506 | 0.132 |
| Adjusted | comm\_inpersonOnce a week | 0.628 | 0.328 | -1.415 | 0.157 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.566 | 0.237 | -2.404 | 0.016 |
| Adjusted | indSuicideConsideredEverTRUE | 0.950 | 0.210 | -0.246 | 0.806 |
| Adjusted | countSuicideAttempts | 0.497 | 0.215 | -3.258 | 0.001 |
| Adjusted | indNotDSISSTRUE | 2.395 | 1.035 | 0.844 | 0.399 |
| Adjusted | fmss:indNotDSISSTRUE | 0.962 | 0.036 | -1.076 | 0.282 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 754.974 | 595 | -376.438 | 760.875 | 778.436 | 752.875 | 592 |
| Adjusted | 754.974 | 595 | -358.601 | 739.202 | 787.495 | 717.202 | 585 |

### Did not use VA health services in prior 12 months

**PC-PTSD**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.725 | 0.536 | -0.599 | 0.549 |
| Unadjusted | fmss | 0.997 | 0.018 | -0.156 | 0.876 |
| Unadjusted | indNotPTSDTRUE | 5.458 | 0.832 | 2.040 | 0.041 |
| Unadjusted | fmss:indNotPTSDTRUE | 0.980 | 0.028 | -0.720 | 0.471 |
| Adjusted | (Intercept) | 1.105 | 0.600 | 0.166 | 0.868 |
| Adjusted | fmss | 0.995 | 0.019 | -0.255 | 0.799 |
| Adjusted | countSocialMediaExclFB | 1.002 | 0.096 | 0.016 | 0.987 |
| Adjusted | comm\_inpersonOnce a day | 1.029 | 0.353 | 0.080 | 0.936 |
| Adjusted | comm\_inpersonA few times a week | 0.861 | 0.274 | -0.547 | 0.584 |
| Adjusted | comm\_inpersonOnce a week | 0.776 | 0.329 | -0.771 | 0.441 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.719 | 0.249 | -1.322 | 0.186 |
| Adjusted | indSuicideConsideredEverTRUE | 0.970 | 0.212 | -0.142 | 0.887 |
| Adjusted | countSuicideAttempts | 0.688 | 0.147 | -2.549 | 0.011 |
| Adjusted | indNotPTSDTRUE | 4.121 | 0.849 | 1.668 | 0.095 |
| Adjusted | fmss:indNotPTSDTRUE | 0.983 | 0.028 | -0.589 | 0.556 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 702.693 | 507 | -332.327 | 672.653 | 689.575 | 664.653 | 504 |
| Adjusted | 702.693 | 507 | -326.152 | 674.303 | 720.839 | 652.303 | 497 |

**PHQ-2**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.025 | 0.685 | 0.036 | 0.971 |
| Unadjusted | fmss | 0.979 | 0.024 | -0.873 | 0.383 |
| Unadjusted | indNotPHQTRUE | 2.165 | 0.831 | 0.930 | 0.353 |
| Unadjusted | fmss:indNotPHQTRUE | 1.011 | 0.029 | 0.399 | 0.690 |
| Adjusted | (Intercept) | 1.658 | 0.728 | 0.694 | 0.488 |
| Adjusted | fmss | 0.976 | 0.025 | -0.977 | 0.329 |
| Adjusted | countSocialMediaExclFB | 0.940 | 0.091 | -0.678 | 0.498 |
| Adjusted | comm\_inpersonOnce a day | 1.227 | 0.323 | 0.635 | 0.526 |
| Adjusted | comm\_inpersonA few times a week | 0.825 | 0.252 | -0.765 | 0.444 |
| Adjusted | comm\_inpersonOnce a week | 0.704 | 0.306 | -1.148 | 0.251 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.702 | 0.229 | -1.544 | 0.123 |
| Adjusted | indSuicideConsideredEverTRUE | 1.112 | 0.199 | 0.535 | 0.593 |
| Adjusted | countSuicideAttempts | 0.649 | 0.142 | -3.044 | 0.002 |
| Adjusted | indNotPHQTRUE | 1.645 | 0.849 | 0.586 | 0.558 |
| Adjusted | fmss:indNotPHQTRUE | 1.015 | 0.029 | 0.522 | 0.602 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 818.162 | 594 | -391.922 | 791.845 | 809.399 | 783.845 | 591 |
| Adjusted | 818.162 | 594 | -382.617 | 787.234 | 835.508 | 765.234 | 584 |

**AUDIT-C**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 1.491 | 0.604 | 0.662 | 0.508 |
| Unadjusted | fmss | 1.000 | 0.020 | -0.019 | 0.985 |
| Unadjusted | indNotAuditCTRUE | 1.031 | 0.858 | 0.036 | 0.971 |
| Unadjusted | fmss:indNotAuditCTRUE | 0.999 | 0.029 | -0.033 | 0.974 |
| Adjusted | (Intercept) | 2.257 | 0.659 | 1.234 | 0.217 |
| Adjusted | fmss | 0.998 | 0.021 | -0.113 | 0.910 |
| Adjusted | countSocialMediaExclFB | 0.915 | 0.099 | -0.896 | 0.370 |
| Adjusted | comm\_inpersonOnce a day | 1.496 | 0.374 | 1.078 | 0.281 |
| Adjusted | comm\_inpersonA few times a week | 0.924 | 0.274 | -0.290 | 0.772 |
| Adjusted | comm\_inpersonOnce a week | 0.809 | 0.335 | -0.634 | 0.526 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.701 | 0.255 | -1.395 | 0.163 |
| Adjusted | indSuicideConsideredEverTRUE | 0.946 | 0.216 | -0.256 | 0.798 |
| Adjusted | countSuicideAttempts | 0.595 | 0.155 | -3.354 | 0.001 |
| Adjusted | indNotAuditCTRUE | 0.997 | 0.887 | -0.003 | 0.998 |
| Adjusted | fmss:indNotAuditCTRUE | 0.999 | 0.029 | -0.047 | 0.963 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 651.561 | 482 | -325.778 | 659.556 | 676.276 | 651.556 | 479 |
| Adjusted | 651.561 | 482 | -312.467 | 646.934 | 692.915 | 624.934 | 472 |

**DSI-SS**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| model | term | oddsratio | std.error | statistic | p.value |
| Unadjusted | (Intercept) | 0.737 | 0.789 | -0.387 | 0.698 |
| Unadjusted | fmss | 1.004 | 0.028 | 0.135 | 0.893 |
| Unadjusted | indNotDSISSTRUE | 2.754 | 0.900 | 1.125 | 0.260 |
| Unadjusted | fmss:indNotDSISSTRUE | 0.984 | 0.031 | -0.519 | 0.604 |
| Adjusted | (Intercept) | 1.569 | 0.860 | 0.524 | 0.600 |
| Adjusted | fmss | 0.998 | 0.029 | -0.071 | 0.943 |
| Adjusted | countSocialMediaExclFB | 0.946 | 0.090 | -0.615 | 0.538 |
| Adjusted | comm\_inpersonOnce a day | 1.196 | 0.319 | 0.563 | 0.574 |
| Adjusted | comm\_inpersonA few times a week | 0.835 | 0.249 | -0.723 | 0.470 |
| Adjusted | comm\_inpersonOnce a week | 0.629 | 0.300 | -1.542 | 0.123 |
| Adjusted | comm\_inpersonEvery few weeks or less often | 0.596 | 0.223 | -2.320 | 0.020 |
| Adjusted | indSuicideConsideredEverTRUE | 0.990 | 0.199 | -0.048 | 0.962 |
| Adjusted | countSuicideAttempts | 0.641 | 0.139 | -3.193 | 0.001 |
| Adjusted | indNotDSISSTRUE | 1.809 | 0.940 | 0.631 | 0.528 |
| Adjusted | fmss:indNotDSISSTRUE | 0.989 | 0.033 | -0.326 | 0.744 |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| model | null.deviance | df.null | logLik | AIC | BIC | deviance | df.residual |
| Unadjusted | 817.73 | 594 | -404.816 | 817.631 | 835.185 | 809.631 | 591 |
| Adjusted | 817.73 | 594 | -391.758 | 805.516 | 853.790 | 783.516 | 584 |