|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 1. WMH sample characteristics by World Bank income categoriesa** | | | | | | | | | | | | | | | |
|  | |  | |  | |  |  |  |  |  | **Sample size** | | |  |  |
| **Country by income category** | | **Surveyb** | | **Sample characteristicsc** | |  | **Field dates** |  | **Age range** |  | **Part I** | **Part II** | **Assessed for random events** |  | **Response rated** |
| I. Low- and lower-middle-income countries | | | | | | | | | | | | | | | |
| Colombia | | NSMH | | All urban areas of the country (approximately 73% of the total national population) | |  | 2003 |  | 18-65 |  | 4,426 | 2,381 | 2,068 |  | 87.7 |
| Peru | | EMSMP | | All urban areas of the country | |  | 2004-5 |  | 18-65 |  | 3,930 | 1,801 | 1,530 |  | 90.2 |
| Ukraine | | CMDPSD | | Nationally representative | |  | 2002 |  | 18-91 |  | 4,725 | 1,720 | 1,167 |  | 78.3 |
| TOTAL | |  | |  | |  |  |  |  |  | **(13,081)** | **(5,902)** | **(4,765)** |  | **84.7** |
| II. Upper-middle-income countries | | | |  | | | | | | | | | | | |
| Brazil – São Paulo | | São Paulo Megacity | | São Paulo metropolitan area | |  | 2005-8 |  | 18-93 |  | 5,037 | 2,942 | 1,803 |  | 81.3 |
| Bulgaria | | NSHS | | Nationally representative | |  | 2002-6 |  | 18-98 |  | 5,318 | 2,233 | 449 |  | 72.0 |
| Colombia – Medelline | | MMHHS | | Medellin metropolitan area | |  | 2011-12 |  | 19-65 |  | 3,261 | 1,673 | 1,387 |  | 97.2 |
| Lebanon | | LEBANON | | Nationally representative | |  | 2002-3 |  | 18-94 |  | 2,857 | 1,031 | 871 |  | 70.0 |
| Mexico | | M-NCS | | All urban areas of the country (approximately 75% of the total national population) | |  | 2001-2 |  | 18-65 |  | 5,782 | 2,362 | 1,818 |  | 76.6 |
| Romania | | RMHS | | Nationally representative | |  | 2005-6 |  | 18-96 |  | 2,357 | 2,357 | 997 |  | 70.9 |
| South Africaf | | SASH | | Nationally representative | |  | 2002-4 |  | 18-92 |  | 4,315 | 4,315 | 1,483 |  | 87.1 |
| TOTAL | |  | |  | |  |  |  |  |  | **(28,927)** | **(16,913)** | **(8,808)** |  | **78.5** |
| III. High-income countries | | |  |  | | | | | | | | | | | |
| Belgium | | ESEMeD | | Nationally representative. The sample was selected from a national register of Belgium residents. | |  | 2001-2 |  | 18-95 |  | 2,419 | 1,043 | 693 |  | 50.6 |
| France | | ESEMeD | | Nationally representative. The sample was selected from a national list of households with listed telephone numbers. | |  | 2001-2 |  | 18-97 |  | 2,894 | 1,436 | 1,040 |  | 45.9 |
| Germany | | ESEMeD | | Nationally representative | |  | 2002-3 |  | 19-95 |  | 3,555 | 1,323 | 909 |  | 57.8 |
| Israel | | NHS | | Nationally representative | |  | 2003-4 |  | 21-98 |  | 4,859 | 4,859 | 1,494 |  | 72.6 |
| Italy | | ESEMeD | | Nationally representative. The sample was selected from municipality resident registries. | |  | 2001-2 |  | 18-100 |  | 4,712 | 1,779 | 1,043 |  | 71.3 |
| Japan | | WMHJ  2002-2006 | | Eleven metropolitan areas | |  | 2002-6 |  | 20-98 |  | 4,129 | 1,682 | 1,137 |  | 55.1 |
| Netherlands | | ESEMeD | | Nationally representative. The sample was selected from municipal postal registries. | |  | 2002-3 |  | 18-95 |  | 2,372 | 1,094 | 765 |  | 56.4 |
| New Zealandf | | NZMHS | | Nationally representative | |  | 2004-5 |  | 18-98 |  | 12,790 | 7,312 | 6,089 |  | 73.3 |
| Northern Ireland | | NISHS | | Nationally representative | |  | 2005-8 |  | 18-97 |  | 4,340 | 1,986 | 877 |  | 68.4 |
| Spain | | ESEMeD | | Nationally representative | |  | 2001-2 |  | 18-98 |  | 5,473 | 2,121 | 1,244 |  | 78.6 |
| Spain – Murcia | | PEGASUS- Murcia | | Murcia region. | |  | 2010-12 |  | 18-96 |  | 2,621 | 1,459 | 891 |  | 67.4 |
| United States | | NCS-R | | Nationally representative | |  | 2001-3 |  | 18-99 |  | 9,282 | 5,692 | 4,921 |  | 70.9 |
| TOTAL | |  | |  | |  |  |  |  |  | **(59,446)** | **(31,786)** | **(21,103)** |  | **66.1** |
| IV. TOTAL | |  | |  | |  |  |  |  |  | **(101,454)** | **(54,601)** | **(34,676)** |  | **71.3** |
|  |  |  |  | |  | | | | | | | | | | |

Abbreviations: WMH, World Mental Health

aThe World Bank (2012) Data. Accessed May 12, 2012 at: <http://data.worldbank.org/country>. Some of the WMH countries have moved into new income categories since the surveys were conducted. The income groupings above reflect the status of each country at the time of data collection. The current income category of each country is available at the preceding URL.

bNSMH (The Colombian National Study of Mental Health); EMSMP (La Encuesta Mundial de Salud Mental en el Peru); CMDPSD (Comorbid Mental Disorders during Periods of Social Disruption); NSHS (Bulgaria National Survey of Health and Stress); MMHHS (Medellín Mental Health Household Study); LEBANON (Lebanese Evaluation of the Burden of Ailments and Needs of the Nation); M-NCS (The Mexico National Comorbidity Survey); RMHS (Romania Mental Health Survey); SASH (South Africa Health Survey); ESEMeD (The European Study Of The Epidemiology Of Mental Disorders); NHS (Israel National Health Survey); WMHJ 2002-2006 (World Mental Health Japan Survey); NZMHS (New Zealand Mental Health Survey); NISHS (Northern Ireland Study of Health and Stress); PEGASUS-Murcia (Psychiatric Enquiry to General Population in Southeast Spain-Murcia); NCS-R (The US National Comorbidity Survey Replication).

cMost WMH surveys are based on stratified multistage clustered area probability household samples in which samples of areas equivalent to counties or municipalities in the US were selected in the first stage followed by one or more subsequent stages of geographic sampling (e.g., towns within counties, blocks within towns, households within blocks) to arrive at a sample of households, in each of which a listing of household members was created and one or two people were selected from this listing to be interviewed. No substitution was allowed when the originally sampled household resident could not be interviewed. These household samples were selected from Census area data in all countries other than France (where telephone directories were used to select households) and the Netherlands (where postal registries were used to select households). Several WMH surveys (Belgium, Germany, Italy, Poland) used municipal or country resident registries to select respondents without listing households. The Japanese sample is the only totally un-clustered sample, with households randomly selected in each of the 11 metropolitan areas and one random respondent selected in each sample household. 15 of the 22 surveys are based on nationally representative household samples.

*d*The response rate is calculated as the ratio of the number of households in which an interview was completed to the number of households originally sampled, excluding from the denominator households known not to be eligible either because of being vacant at the time of initial contact or because the residents were unable to speak the designated languages of the survey. The weighted average response rate is 71.3%.

*e*Colombia moved from the "low- and lower-middle-income" to the "upper-middle-income" category between 2003 (when the Colombian National Study of Mental Health was conducted) and 2010 (when the Medellin Mental Health Household Study was conducted), hence Colombia's appearance in both income categories. For more information, please see footnote *a*.

fFor the purposes of cross-national comparisons we limit the sample to those 18+.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 2. Distributions of all predictors in the total sample and in the later-recovery subsamples at the person level (n=1,575)a** | | | | | | | |
|  | | | | | | | |
|  | **Total** | | |  | **Later-recovery**  **(months 25+)** | | |
|  | **%b** | **(se)** | **(n)c** |  | **%b** | **(se)** | **(n)c** |
| Sex |  |  |  |  |  |  |  |
| Female | 66.1 | (3.2) | (1252) |  | 58.6 | (5.8) | (520) |
| Male | 33.9 | (3.2) | (323) |  | 41.4 | (5.8) | (143) |
| Age of trauma |  |  |  |  |  |  |  |
| 0-12 | 23.1 | (1.6) | (367) |  | 29.7 | (3.1) | (238) |
| 13-24 | 40.5 | (3.1) | (503) |  | 45.7 | (5.0) | (189) |
| 25-44 | 27.8 | (2.0) | (500) |  | 18.6 | (2.8) | (169) |
| 45-59 | 7.2 | (1.4) | (150) |  | 5.6 | (1.2) | (52) |
| 60+ | 1.5 | (0.3) | (55) |  | 0.5 | (0.1) | (15) |
| Mean duration (months) | 75.0 | (4.1) |  |  | 154.6 | (9.6) |  |
| Random trauma |  |  |  |  |  |  |  |
| Exposure to organized violence | 2.6 | (0.4) | (51) |  | 1.8 | (0.4) | (20) |
| Civilian in war zone | 0.3 | (0.2) | (10) |  | 0.2 | (0.1) | (3) |
| Civilian in region of terror | 0.4 | (0.1) | (9) |  | 0.2 | (0.1) | (3) |
| Refugee | 0.8 | (0.1) | (12) |  | 0.4 | (0.2) | (5) |
| Kidnapped | 1.0 | (0.3) | (20) |  | 1.1 | (0.4) | (9) |
| Participation in organized violence | 12.6 | (3.4) | (113) |  | 17.3 | (7.1) | (48) |
| Witnessed death/dead body/serious injury | 6.3 | (0.1) | (77) |  | 5.0 | (1.8) | (26) |
| Accidentally caused serious injury/death | 0.3 | (0.1) | (10) |  | 0.1 | (0.1) | (3) |
| Combat experience | 0.6 | (0.2) | (9) |  | 1.2 | (0.4) | (7) |
| Purposely injured/tortured/killed someone | 0.8 | (0.6) | (4) |  | 1.7 | (1.2) | (4) |
| Witnessed atrocities | 4.6 | (3.1) | (13) |  | 9.4 | (6.6) | (8) |
| Physical violence victimization | 8.2 | (0.9) | (160) |  | 8.6 | (1.2) | (98) |
| Beaten up by someone else | 2.4 | (0.4) | (26) |  | 0.2 | (0.1) | (3) |
| Witnessed physical fight at home | 2.4 | (0.3) | (60) |  | 3.5 | (0.6) | (38) |
| Beaten up by caregiver | 3.4 | (0.7) | (74) |  | 4.9 | (0.9) | (57) |
| Sexual violence victimization | 35.6 | (2.3) | (564) |  | 37.7 | (4.0) | (268) |
| Raped | 7.7 | (1.0) | (109) |  | 8.7 | (1.6) | (67) |
| Sexually assaulted | 8.9 | (1.1) | (102) |  | 10.8 | (2.5) | (58) |
| Stalked | 6.1 | (0.7) | (52) |  | 5.0 | (1.3) | (16) |
| Beaten up by spouse/romantic partner | 3.3 | (0.5) | (97) |  | 3.8 | (0.8) | (50) |
| Trauma to loved one | 4.4 | (1.1) | (59) |  | 5.3 | (2.0) | (28) |
| Some other trauma | 2.3 | (0.4) | (66) |  | 1.5 | (0.4) | (18) |
| Private traumad | 3.0 | (0.4) | (79) |  | 2.6 | (0.6) | (31) |
| Accidents/injuries | 15.6 | (1.6) | (258) |  | 15.3 | (2.5) | (95) |
| Natural disaster | 0.2 | (0.1) | (13) |  | 0.0 | -- | (0) |
| Toxic chemical exposure | 1.5 | (0.8) | (7) |  | 2.0 | (1.2) | (4) |
| Automobile accident | 3.3 | (0.6) | (58) |  | 2.1 | (0.6) | (21) |
| Life-threatening illness | 2.9 | (0.7) | (74) |  | 3.2 | (1.1) | (32) |
| Child with serious illness | 3.8 | (0.5) | (89) |  | 2.7 | (0.7) | (31) |
| Other life- threatening accident | 3.9 | (0.7) | (17) |  | 5.2 | (1.0) | (7) |
| Other | 25.4 | (2.1) | (429) |  | 19.2 | (2.8) | (134) |
| Mugged/threatened with a weapon | 4.3 | (0.7) | (58) |  | 5.5 | (1.4) | (22) |
| Man-made disaster | 1.3 | (0.7) | (11) |  | 1.4 | (1.2) | (4) |
| Unexpected death of loved one | 19.8 | (2.0) | (360) |  | 12.4 | (2.3) | (108) |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Total** | | |  | **Later-recovery**  **(months 25+)** | | |
|  | **%b** | **(se)** | **(n)c** |  | **%b** | **(se)** | **(n)c** |
| Prior history of trauma |  |  |  |  |  |  |  |
| Exposure to organized violence |  |  |  |  |  |  |  |
| Civilian in war zone | 3.5 | (0.7) | (41) |  | 3.9 | (1.3) | (20) |
| Civilian in region of terror | 3.3 | (0.6) | (42) |  | 3.9 | (0.8) | (19) |
| Refugee | 1.0 | (0.4) | (18) |  | 1.5 | (0.6) | (9) |
| Kidnapped | 4.0 | (0.7) | (26) |  | 1.9 | (0.4) | (8) |
| Participation in organized violence |  |  |  |  |  |  |  |
| Witnessed death/dead body/serious injury | 23.3 | (2.9) | (196) |  | 20.2 | (6.2) | (70) |
| Accidentally caused serious injury/death | 2.4 | (1.1) | (15) |  | 1.9 | (1.4) | (9) |
| Combat experience | 3.3 | (1.0) | (19) |  | 2.5 | (1.6) | (5) |
| Purposely injured/tortured/killed someone | 1.6 | (0.9) | (8) |  | 0.4 | (0.3) | (2) |
| Witnessed atrocities | 7.9 | (1.3) | (33) |  | 10.8 | (2.2) | (16) |
| Physical violence victimization |  |  |  |  |  |  |  |
| Beaten up by someone else | 10.4 | (1.3) | (92) |  | 8.9 | (1.8) | (42) |
| Witnessed physical fight at home | 22.3 | (2.0) | (259) |  | 17.9 | (2.4) | (122) |
| Beaten up by caregiver | 25.9 | (2.4) | (234) |  | 24.7 | (4.1) | (107) |
| Sexual violence victimization |  |  |  |  |  |  |  |
| Raped | 18.1 | (1.5) | (161) |  | 19.2 | (2.7) | (75) |
| Sexually assaulted | 20.0 | (1.9) | (179) |  | 20.5 | (2.8) | (85) |
| Stalked | 7.3 | (0.9) | (61) |  | 6.4 | (0.9) | (18) |
| Beaten up by spouse/romantic partner | 9.8 | (1.1) | (116) |  | 7.5 | (1.6) | (49) |
| Trauma to loved one | 7.3 | (1.2) | (76) |  | 8.9 | (1.9) | (38) |
| Some other trauma | 2.9 | (0.7) | (27) |  | 1.6 | (0.5) | (9) |
| Private traumad | 6.6 | (0.9) | (78) |  | 4.4 | (1.3) | (33) |
| Accidents/injuries |  |  |  |  |  |  |  |
| Natural disaster | 9.5 | (1.5) | (70) |  | 10.6 | (2.7) | (33) |
| Toxic chemical exposure | 3.6 | (1.2) | (27) |  | 2.8 | (1.6) | (8) |
| Automobile accident | 12.2 | (1.7) | (111) |  | 8.3 | (1.8) | (39) |
| Life-threatening illness | 11.2 | (1.1) | (111) |  | 8.8 | (1.9) | (38) |
| Child with serious illness | 4.2 | (0.9) | (47) |  | 3.8 | (1.4) | (17) |
| Other life- threatening accident | 5.2 | (1.2) | (39) |  | 3.8 | (1.4) | (16) |
| Other |  |  |  |  |  |  |  |
| Mugged/threatened with a weapon | 14.1 | (1.5) | (137) |  | 10.2 | (2.1) | (50) |
| Man-made disaster | 5.8 | (1.2) | (34) |  | 4.5 | (1.2) | (15) |
| Unexpected death of loved one | 24.2 | (3.0) | (240) |  | 23.6 | (6.0) | (80) |
| Childhood adversities |  |  |  |  |  |  |  |
| Maladaptive family functioning CAs |  |  |  |  |  |  |  |
| Parental mental illness | 22.3 | (1.9) | (264) |  | 23.5 | (3.1) | (112) |
| Parental substance misuse | 9.0 | (0.9) | (133) |  | 9.1 | (1.9) | (59) |
| Parental criminality | 9.7 | (1.2) | (102) |  | 9.9 | (1.9) | (46) |
| Family violence | 19.2 | (1.9) | (205) |  | 13.5 | (2.0) | (91) |
| Physical abuse | 25.7 | (2.4) | (233) |  | 22.3 | (4.4) | (102) |
| Sexual abuse | 10.7 | (1.7) | (98) |  | 10.1 | (2.4) | (49) |
| Neglect | 14.2 | (1.6) | (151) |  | 13.2 | (2.2) | (74) |
| Other CAs |  |  |  |  |  |  |  |
| Parental death | 14.1 | (3.0) | (171) |  | 15.4 | (6.5) | (71) |
| Parental divorce | 9.1 | (1.4) | (122) |  | 9.9 | (2.6) | (57) |
| Other parental loss | 6.8 | (1.5) | (94) |  | 6.3 | (1.4) | (47) |
| Serious physical illness | 6.1 | (1.0) | (60) |  | 6.8 | (1.9) | (27) |
| Economic adversity | 8.2 | (1.7) | (97) |  | 8.5 | (1.8) | (45) |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Total** | | |  | **Later-recovery**  **(months 25+)** | | |
|  | **%b** | **(se)** | **(n)c** |  | **%b** | **(se)** | **(n)c** |
| Prior history of mental disorders |  |  |  |  |  |  |  |
| Mood disorders |  |  |  |  |  |  |  |
| MDD or dysthymia disorder | 23.8 | (1.9) | (376) |  | 16.6 | (2.4) | (132) |
| Bipolar disorder (broad definition) | 5.1 | (1.2) | (60) |  | 3.0 | (1.2) | (21) |
| Anxiety disorders |  |  |  |  |  |  |  |
| Panic disorder or agoraphobia | 10.6 | (1.6) | (140) |  | 7.6 | (1.4) | (57) |
| Generalized anxiety disorder | 16.1 | (3.3) | (175) |  | 16.4 | (6.4) | (71) |
| Post-traumatic stress disorder | 17.8 | (1.8) | (205) |  | 17.5 | (3.0) | (94) |
| Social phobia | 19.2 | (1.6) | (256) |  | 18.4 | (2.6) | (116) |
| Specific phobia | 27.4 | (2.2) | (403) |  | 27.3 | (3.5) | (180) |
| Separation anxiety disorder | 12.1 | (1.8) | (116) |  | 12.5 | (2.2) | (52) |
| Disruptive behavioral disorders |  |  |  |  |  |  |  |
| Attention-deficit/hyperactivity disorder | 7.3 | (1.5) | (67) |  | 4.6 | (1.6) | (23) |
| Conduct disorder | 3.6 | (0.9) | (35) |  | 4.5 | (1.7) | (18) |
| Intermittent explosive disorder | 4.8 | (1.0) | (55) |  | 4.7 | (1.7) | (22) |
| Oppositional-defiant disorder | 5.9 | (1.4) | (61) |  | 4.7 | (1.5) | (25) |
| Substance disorders |  |  |  |  |  |  |  |
| Alcohol abuse or dependence | 12.4 | (1.5) | (150) |  | 11.3 | (1.9) | (54) |
| Drug abuse or dependence | 8.0 | (1.7) | (80) |  | 6.6 | (1.5) | (26) |
|  |  |  |  |  |  |  |  |

Abbreviations: CA, childhood adversity; MDD, major depressive disorder

aThe numbers in the total column are person-level distributions of predictors in the total sample. This sample was used in predicting early-recovery. The numbers in the later-recovery columns are person-level distributions of predictors in the subsample of respondents who did not recover within 24 months and whose random trauma occurred more than 24 months before interview. This sample was used in predicting later-recovery.

bWeighted percent of the sample with the row characteristics

cUnweightednumber of respondents with the row characteristics

dA private trauma is a trauma that some individuals reported in response to a question asked at the very end of the trauma section that asked if they ever had some other very upsetting experience they did not tell us about already (and this includes in response to a prior open-ended question about “any other” trauma) because they were too embarrassed or upset to talk about it. Respondents were told, before they answered, that if they reported such a trauma we would not ask them anything about what it was, only about their age when the trauma happened.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 3. Associations (odds-ratios) of history of prior trauma with recovery from DSM-IV/CIDI PTSD in the WMH surveys (n=1,575)a** | | | | | | | | | | | | | | | |
|  | **Model S3a** | | |  | **Model S3b** | | |  | **Model S3c** | | |  | **Model S3d** | | |
|  | **Months 1-24** | | |  | **Months 25+** | | |  | **Months 1-24** | | |  | **Months 25+** | | |
|  | **OR** | **(95% CI)** | |  | **OR** | **(95% CI)** | |  | **OR** | **(95% CI)** | |  | **OR** | **(95% CI)** | |
| I. Exposure to organized violence |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |
| Civilian in war zone | 0.6 | (0.4-1.1) | |  | 1.0 | (0.7-1.6) | |  |  |  |  |  |  |  |  |
| Civilian in region of terror | 0.8 | (0.5-1.4) | |  | 1.4 | (0.9-2.0) | |  |  |  |  |  |  |  |  |
| Refugee | 0.3\* | (0.1-1.0) | |  | 1.7\* | (1.1-2.8) | |  | 0.3\* | (0.1-0.9) | |  |  |  |  |
| Kidnapped | 2.3\* | (1.1-4.6) | |  | 1.0 | (0.6-1.9) | |  | 1.6 | (0.8-3.3) | |  |  |  |  |
| χ24b | 13.9\* | | |  | 9.3 | | |  | 7.4\* | | |  |  |  |  |
| χ23 | 10.9\* | | |  | 3.0 | | |  | 7.2\* | | |  |  |  |  |
| II. Participation in organized violence |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Witnessed death/dead body/serious injury | 1.5\* | (1.2-2.0) | |  | 1.5\* | (1.1-2.0) | |  | 1.4\* | (1.0-2.0) | |  | 1.6\* | (1.2-2.1) | |
| Accidentally caused serious injury/death | 0.6 | (0.2-2.3) | |  | 0.4\* | (0.2-1.0) | |  |  |  |  |  | 0.3\* | (0.1-0.8) | |
| Combat experience | 2.8\* | (1.4-5.7) | |  | 0.3 | (0.1-1.1) | |  | 2.9\* | (1.5-5.7) | |  |  |  |  |
| Purposely injured/tortured/killed someone | 0.8 | (0.2-3.6) | |  | 0.7 | (0.1-4.9) | |  |  |  |  |  |  |  |  |
| Witnessed atrocities | 0.4\* | (0.2-0.8) | |  | 1.2 | (0.8-1.8) | |  | 0.3\* | (0.2-0.6) | |  |  |  |  |
| χ25/3/2b | 22.2\* | | |  | 14.1\* | | |  | 21.1\* | | |  | 12.8\* | | |
| χ24/2/1 | 14.8\* | | |  | 10.8\* | | |  | 19.3\* | | |  | 10.0\* | | |
| III. Physical violence victimization |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Beaten up by someone else | 1.4 | (1.0-2.1) | |  | 1.4\* | (1.1-1.9) | |  |  |  |  |  | 1.4\* | (1.0-1.9) | |
| Witnessed physical fight at home | 1.2 | (0.9-1.6) | |  | 1.2 | (0.9-1.7) | |  |  |  |  |  |  |  |  |
| Beaten up by caregiver | 0.9 | (0.7-1.2) | |  | 0.8 | (0.6-1.1) | |  |  |  |  |  |  |  |  |
| χ23b | 6.5 | | |  | 13.0\* | | |  |  |  |  |  |  |  |  |
| χ22 | 4.4 | | |  | 11.0\* | | |  |  |  |  |  |  |  |  |
| IV. Sexual violence victimization |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Raped | 0.7\* | (0.5-1.0) | |  | 0.8 | (0.6-1.1) | |  | 0.7\* | (0.5-0.9) | |  |  |  |  |
| Sexually assaulted | 0.8 | (0.6-1.2) | |  | 1.0 | (0.8-1.3) | |  |  |  |  |  |  |  |  |
| Stalked | 1.1 | (0.7-1.7) | |  | 1.2 | (0.8-1.8) | |  |  |  |  |  |  |  |  |
| Beaten up by spouse/romantic partner | 0.8 | (0.5-1.2) | |  | 0.8 | (0.6-1.1) | |  |  |  |  |  |  |  |  |
| Traumatic event to loved one | 0.6\* | (0.3-1.0) | |  | 0.7 | (0.4-1.1) | |  | 0.5\* | (0.3-0.8) | |  |  |  |  |
| Some other trauma | 2.8\* | (1.3-6.2) | |  | 1.2 | (0.9-1.6) | |  | 2.2\* | (1.1-4.2) | |  |  |  |  |
| Private traumac | 1.1 | (0.7-1.8) | |  | 1.1 | (0.9-1.5) | |  |  |  |  |  |  |  |  |
| Number |  |  |  |  |  |  |  |  |  |  |  |  | 0.9\* | (0.8-1.0) | |
| χ27/3/2b | 26.4\* | | |  | 14.7\* | | |  | 22.8\* | | |  |  |  |  |
| χ26/2 | 15.2\* | | |  | 10.2 | | |  | 10.8\* | | |  |  |  |  |
| V. Accidents/injuries |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Natural disaster | 1.1 | (0.6-1.8) | |  | 1.3 | (0.8-2.0) | |  |  |  |  |  |  |  |  |
| Toxic chemical exposure | 0.4 | (0.1-1.1) | |  | 1.0 | (0.7-1.5) | |  |  |  |  |  |  |  |  |
| Automobile accident | 1.3 | (0.9-1.9) | |  | 2.0\* | (1.4-3.0) | |  |  |  |  |  | 1.9\* | (1.3-2.7) | |
| Life-threatening illness | 1.2 | (0.7-2.1) | |  | 1.5\* | (1.1-2.1) | |  |  |  |  |  | 1.6\* | (1.2-2.0) | |
| Child with serious illness | 0.7 | (0.4-1.2) | |  | 1.3 | (0.7-2.6) | |  |  |  |  |  |  |  |  |
| Other life-threatening accident | 1.1 | (0.6-2.0) | |  | 0.9 | (0.5-1.5) | |  |  |  |  |  |  |  |  |
| χ26b | 9.9 | | |  | 66.2\* | | |  |  |  |  |  | 46.4\* | | |
| χ25 | 9.9 | | |  | 12.4\* | | |  |  |  |  |  | 0.4 | | |
| VI. Other |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Mugged/threatened with a weapon | 0.9 | (0.6-1.4) | |  | 0.8 | (0.6-1.0) | |  |  |  |  |  |  |  |  |
| Man-made disaster | 0.6 | (0.3-1.0) | |  | 1.0 | (0.7-1.4) | |  |  |  |  |  |  |  |  |
| Unexpected death of loved one | 1.1 | (0.8-1.5) | |  | 1.7\* | (1.3-2.2) | |  |  |  |  |  | 1.6\* | (1.2-2.0) | |
| χ23b | 4.2 | | |  | 25.1\* | | |  |  |  |  |  |  |  |  |
| χ22 | 3.8 | | |  | 22.2\* | | |  |  |  |  |  |  |  |  |
| χ228 | 114.1\* | | |  | 348.2\* | | |  |  | | |  |  | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

\*Significant at the .05 level, two-sided test

Abbreviations: DSM-IV, Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition Revised; CIDI, Composite International Diagnostic Interview; PTSD, post-traumatic stress disorder; WMH, World Mental Health; OR, odds-ratio; 95% CI, 95% confidence interval

aCoefficients are based on multivariate discrete-time person-month survival models for early-recovery (months 1-24) and later-recovery (months 25-120) among the 1,575 respondents with PTSD associated with random traumas (a total of n=111,355 person-months) controlling for number of follow-up person-months, survey location, and all significant variables in prior models.

bThe first χ2 for each trauma group assesses the significance of the full set of ORs for traumas in the group using all other traumas as the reference group, while the second χ2 assesses the significance of differences among these traumas within the group.

cA private trauma is a trauma that some individuals reported in response to a question asked at the very end of the trauma section that asked if they ever had some other very upsetting experience they did not tell us about already (and this includes in response to a prior open-ended question about “any other” trauma) because they were too embarrassed or upset to talk about it. Respondents were told, before they answered, that if they reported such a trauma we would not ask them anything about what it was, only about their age when the trauma happened.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplemental Table 4. Associations (odds-ratios) between childhood adversities and recovery from DSM-IV/CIDI PTSD in the WMH surveys (n=1,575)a** | | | | | | | | | | | | | | | | | |
|  | **Model S4a** | | | |  | **Model S4b** | | | |  | **Model S4c** | | |  | **Model S4d** | | |
|  | **Months 1-24** | | | |  | **Months 25+** | | | |  | **Months 1-24** | | |  | **Months 25+** | | |
|  | **OR** | | **(95% CI)** | |  | **OR** | | **(95% CI)** | |  | **OR** | **(95% CI)** | |  | **OR** | **(95% CI)** | |
| I. Maladaptive family functioning CAs | | | |  |  |  | |  |  |  |  |  |  |  |  |  |  |
| Parental mental illness | 0.7 | | (0.5-1.0) | |  | 1.1 | | (0.9-1.5) | |  |  |  |  |  |  |  |  |
| Parental substance misuse | 1.1 | | (0.8-1.7) | |  | 0.7 | | (0.5-1.1) | |  |  |  |  |  |  |  |  |
| Parental criminality | 1.0 | | (0.7-1.4) | |  | 1.0 | | (0.7-1.3) | |  |  |  |  |  |  |  |  |
| Family violence | 2.0\* | | (1.5-2.7) | |  | 1.5\* | | (1.1-2.1) | |  | 1.9\* | (1.4-2.5) | |  | 1.4\* | (1.0-1.9) | |
| Physical abuse | 1.1 | | (0.8-1.6) | |  | 0.7\* | | (0.5-0.8) | |  |  |  |  |  | 0.6\* | (0.5-0.8) | |
| Sexual abuse | 1.3 | | (0.9-1.9) | |  | 0.6\* | | (0.4-0.9) | |  |  |  |  |  | 0.6\* | (0.4-0.8) | |
| Neglect | 0.6\* | | (0.4-0.8) | |  | 0.9 | | (0.7-1.2) | |  | 0.6\* | (0.4-0.8) | |  |  |  |  |
| χ27b | 39.3\* | | | |  | 36.9\* | | | |  | 22.5\* | | |  | 37.5\* | | |
| χ26 | 33.5\* | | | |  | 36.7\* | | | |  | 19.7\* | | |  | 32.9\* | | |
| II. Other CAs |  | |  |  |  |  | |  |  |  |  |  |  |  |  |  |  |
| Parental death | 1.0 | | (0.7-1.3) | |  | 1.2 | | (0.9-1.6) | |  |  |  |  |  |  |  |  |
| Parental divorce | 0.9 | | (0.6-1.3) | |  | 1.2 | | (0.9-1.7) | |  |  |  |  |  |  |  |  |
| Other parental loss | 0.7 | | (0.4-1.2) | |  | 0.9 | | (0.6-1.2) | |  |  |  |  |  |  |  |  |
| Serious physical illness | 1.3 | | (0.8-2.0) | |  | 0.9 | | (0.6-1.3) | |  |  |  |  |  |  |  |  |
| Economic adversity | 0.9 | | (0.5-1.4) | |  | 1.0 | | (0.8-1.4) | |  |  |  |  |  |  |  |  |
| χ25b | 5.2 | | | |  | 5.6 | | | |  |  |  |  |  |  |  |  |
| χ24 | 4.0 | | | |  | 5.2 | | | |  |  |  |  |  |  |  |  |
| χ212 | 44.9\* | | | |  | 50.8\* | | | |  |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  | |  |  |  |  |  |  |  |  |  |

\*Significant at the .05 level, two-sided test

Abbreviations: DSM-IV, Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition Revised; CIDI, Composite International Diagnostic Interview; PTSD, post-traumatic stress disorder; WMH, World Mental Health; OR, odds-ratio; 95% CI, 95% confidence interval; CA, childhood adversity

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bThe first χ2 for each trauma group assesses the significance of the full set of ORs for traumas in the group using all other traumas as the reference group, while the second χ2 assesses the significance of differences among these traumas within the group.