**Supplementary table 3: Percentage of all migraineurs and migraineurs stratified by age of migraine onset reporting selected characteristics from the SLNCC**

|  |  |  |
| --- | --- | --- |
|  | **OVERALL****(N=949)** | **AGE OF ONSET** |
| < 20 years (N=344) | 20+ years (N=441) |  |
| Proportion (%)(95% CI)\* | Proportion (%)(95% CI)\* | Proportion (%)(95% CI)\* | Odds ratio (OR)(95% CI) |
| **Demographics** |  |  |  |  |
| Mean age (years) | 43.4 (41.6-45.2) | 41.5 (38.7-44.4) | 44.1 (41.6-46.6) | N/A |
| Sex |  |  |  |  |
|  Male | 18.0 (13.3-22.7) | 15.8 (9.6-22.1) | 17.3 (11.1-23.5) | 1.11 (0.57-2.18) |
|  Female | 82.0 (77.3-86.7) | 84.2 (77.9-90.4) | 82.7 (76.5-88.9) | 0.90 (0.46-1.76) |
| Education |  |  |  |  |
|  High school graduation or less | 41.0 (34.0-48.0) | 40.9 (30.2-51.6) | 38.5 (28.8-48.2) | 0.90 (0.50-1.63) |
|  Completed certificate/diploma or degree above  high school | 59.0 (52.0-66.0) | 59.1 (48.4-69.8) | 61.5 (51.8-71.2) | 1.11 (0.61-2.00) |
| **Diagnosis** |  |  |  |  |
| Headaches |  |  |  |  |
|  Nauseated | 90.7 (87.2-94.3) | 95.6 (91.5-99.6) | 91.3 (86.2-96.4) | 0.49 (0.17-1.38) |
|  Light sensitive | 92.5 (89.6-95.3) | 93.8 (89.8-97.8) | 94.7 (90.6-98.7) | 1.18 (0.39-3.52) |
|  Limited ability to work/study/other | 84.1 (79.3-88.8) | 88.7 (83.8-93.5) | 83.5 (76.1-90.9) | 0.65 (0.28-1.50) |
| Mean age – 1st diagnosed (years) | 26.5 (25.1-27.8) | **18.9 (17.3-20.5)** | **32.2 (30.2-34.2)** | **N/A** |
| Mean age – 1st symptoms (years) | 23.1 (21.7-24.4) | **13.0 (12.3-13.8)** | **30.4 (28.5-32.3)** | **N/A** |
| Compared to when 1st diagnosed: |  |  |  |  |
|  Much better/Somewhat better now | 51.1 (43.9-58.4) | 56.2 (46.0-66.4) | 48.9 (38.9-58.8) | 0.74 (0.42-1.31) |
|  About the same | 25.3 (19.2-31.4) | 26.2 (17.0-35.3) | 22.5 (14.3-30.7) | 0.82 (0.42-1.61) |
|  Much worse/Somewhat worse now | 23.6 (17.3-29.9) | 17.6 (9.7-25.6) | 28.6 (19.0-38.3) | 1.88 (0.89-3.93) |
| Reason why migraine is better now (among those who reported their migraine to be better): |  |  |  |  |
|  Medication | 44.2 (34.0-54.3) | 44.7 (30.2-59.2) | 43.6 (30.1-57.1) | 0.96 (0.44-2.09) |
|  Surgery | 1.0 (0.2-1.8) | 0.9 (-0.3-2.1) | 1.1 (-0.2-2.4) | 1.26 (0.20-7.90) |
|  In remission | 4.5 (1.8-7.1) | 5.8 (0.9-10.7) | 3.4 (0.6-6.3) | 0.58 (0.14-2.38) |
|  Complementary/alternative treatment | 8.8 (2.6-14.9) | 15.4 (2.4-28.4) | 3.3 (-0.2-6.9) | 0.19 (0.01-2.56) |
|  Rehabilitation therapy | 3.2 (-0.3-6.7) | N/A | 5.4 (-0.9-11.7) |  |
|  Other medical treatment | 1.0 (-1.1-3.1) | N/A | 0.3 (0.0-0..5) |  |
|  Coping strategy | 33.9 (24.8-42.9) | 33.4 (20.5-46.3) | 34.7 (21.0-48.4) | 1.06 (0.44-2.53) |
|  Other | 30.9 (22.1-39.7) | 21.8 (12.1-31.5) | 38.2 (24.8-51.7) | 2.22 (0.96-5.16) |
| **General health (self-perceived)** |  |  |  |  |
|  Poor/Fair | 20.0 (15.3-24.7) | 20.2 (13.6-26.7) | 18.8 (12.4-25.3) | 0.92 (0.52-1.61) |
|  Good/Very good/Excellent | 80.0 (75.3-84.7) | 79.8 (73.3-86.4) | 81.2 (74.7-87.6) | 1.09 (0.62-1.91) |
| **General health compared to one year ago (self-perceived)** |  |  |  |  |
|  Much better/Somewhat better | 23.1 (17.3-28.8) | 22.1 (13.4-30.9) | 23.4 (15.2-31.6) | 1.07 (0.52-2.21) |
|  About the same | 60.2 (53.4-66.9) | 60.6 (50.3-70.9) | 60.6 (50.5-70.7) | 1.00 (0.54-1.86) |
|  Much worse/Somewhat worse | 16.8 (11.6-21.9) | 17.3 (9.4-25.2) | 16.0 (9.1-23.0) | 0.91 (0.46-1.83) |
| **Amount of stress in life (self-perceived)** |  |  |  |  |
|  Not at all/Not very/ A bit stressful | 63.2 (56.8-69.7) | 63.2 (52.8-73.7) | 62.2 (53.5-71.0) | 0.96 (0.53-1.73) |
|  Quite a bit/Extremely stressful | 36.8 (30.3-43.2) | 36.8 (26.3-47.2) | 37.8 (29.0-46.5) | 1.04 (0.58-1.88) |
| **Health utility index (mean)** | 0.8 (0.8-0.8) | 0.80 (0.75-0.84) | 0.80 (0.76-0.85) | N/A |
| **Chronic conditions** |  |  |  |  |
| Any of the chronic conditions mentioned below | 40.2 (33.5-46.9) | 40.4 (30.2-50.6) | 39.8 (30.1-49.5) | 0.97 (0.54-1.75) |
|  Heart disease | 5.6 (3.3-7.9) | 6.3 (2.7-9.9) | 5.0 (1.8-8.2) | 0.79 (0.31-1.97) |
|  High blood pressure | 22.6 (17.8-27.4) | 24.9 (16.8-33.0) | 19.9 (13.2-26.7) | 0.75 (0.40-1.40) |
|  Diabetes | 5.7 (3.1-8.3) | 4.7 (0.6-8.9) | 5.9 (2.2-9.6) | 1.26 (0.40-4.02) |
|  Mood disorder (depression, bipolar disorder,  mania, or dysthymia) | 24.8 (19.2-30.5) | 23.8 (14.9-32.8) | 26.1 (18.1-34.1) | 1.13 (0.60-2.14) |
| **Medication Use** |  |  |  |  |
| Took prescription medications | 45.7 (39.1-52.3) | 49.9 (39.3-60.5) | 41.5 (32.5-50.4) | 0.71 (0.40-1.26) |
|  Experienced side effects (among those who  took medications) | 27.0 (20.4-33.6) | 27.2 (15.3-39.1) | 27.2 (18.0-36.3) | 1.00 (0.45-2.22) |
|  Not at all/A little bit | 58.5 (45.7-71.4) | 59.9 (38.9-80.8) | 55.7 (36.9-74.6) | 0.84 (0.25-2.89) |
|  Moderately/ Quite a bit/Extremely | 41.5 (28.6-54.3) | 40.1 (19.2-61.1) | 44.3 (25.4-63.1) | 1.19 (0.35-4.06) |
| **Depression (PHQ-9 cut point of 10)** | 21.9 (16.5-27.3) | 25.8 (16.5-35.0) | 19.6 (12.5-26.7) | 0.70 (0.35-1.41) |
| **Stigma (self-perceived)** |  |  |  |  |
| “People seemed uncomfortable with me” |  |  |  |  |
|  Never/Rarely | 82.5 (77.7-87.4) | 84.8 (78.4-91.1) | 80.8 (73.2-88.4) | 0.76 (0.35-1.66) |
|  Sometimes/Often/Always | 17.5 (12.6-22.3) | 15.2 (8.9-21.6) | 19.2 (11.6-26.8) | 1.32 (0.60-2.90) |
| “People avoided me” |  |  |  |  |
|  Never/Rarely | 91.6 (88.7-94.4) | 91.8 (86.7-96.9) | 91.8 (88.2-95.3) | 0.99 (0.43-2.28) |
|  Sometimes/Often/Always | 8.4 (5.6-11.3) | 8.2 (3.1-13.3) | 8.2 (4.7-11.8) | 1.01 (0.44-2.33) |
| “I felt left out of things” |  |  |  |  |
|  Never/Rarely | 71.0 (64.3-77.7) | 70.1 (60.7-79.5) | 71.4 (62.0-80.8) | 1.07 (0.58-1.96) |
|  Sometimes/Often/Always | 29.0 (22.3-35.7) | 29.9 (20.5-39.3) | 28.6 (19.2-38.0) | 0.94 (0.51-1.72) |
| “I felt embarrassed” |  |  |  |  |
|  Never/Rarely | 83.0 (77.7-88.3) | 84.0 (77.0-91.0) | 83.3 (75.4-91.2) | 0.95 (0.45-2.01) |
|  Sometimes/Often/Always | 17.0 (11.7-22.3) | 16.0 (9.0-23.0) | 16.7 (8.8-24.6) | 1.05 (0.50-2.22) |
| **Availability of social support if needed** |  |  |  |  |
| Someone to confide in or talk to about yourself or your problems |  |  |  |  |
|  None/A little of the time | 10.1 (6.3-13.9) | 7.8 (3.7-12.0) | 12.3 (6.3-18.4) | 1.66 (0.71-3.88) |
|  Some/Most/All of the time | 89.9 (86.1-93.7) | 92.2 (88.0-96.3) | 87.7 (81.6-93.7) | 0.60 (0.26-1.41) |
| Someone to do something enjoyable with |  |  |  |  |
|  None/A little of the time | 7.1 (4.3-9.9) | 5.4 (2.0-8.9) | 8.7 (4.1-13.3) | 1.65 (0.60-4.53) |
|  Some/Most/All of the time | 92.9 (90.1-95.7) | 94.6 (91.1-98.0) | 91.3 (86.7-95.9) | 0.61 (0.22-1.67) |
| Someone to take you to the doctor |  |  |  |  |
|  None/A little of the time | 4.4 (2.3-6.5) | 3.9 (0.2-7.5) | 4.8 (2.1-7.6) | 1.26 (0.46-3.42) |
|  Some/Most/All of the time | 95.6 (93.5-97.7) | 96.1 (92.5-99.8) | 95.2 (92.4-97.9) | 0.79 (0.29-2.16) |
| Someone to turn to for help in an emergency |  |  |  |  |
|  None/A little of the time | 2.5 (1.1-3.8) | 2.3 (0.2-4.5) | 2.5 (0.6-4.4) | 1.06 (0.33-3.45) |
|  Some/Most/All of the time | 97.5 (96.2-98.9) | 97.7 (95.5-99.8) | 97.5 (95.6-99.4) | 0.94 (0.29-3.06) |
| **Formal assistance** |  |  |  |  |
| Formal assistance received (past 12 mo.) | 2.6 (1.5-3.7) | 1.4 (0.2-2.5) | 2.2 (0.9-3.6) | 1.65 (0.66-4.09) |
| **Informal assistance** |  |  |  |  |
| Informal assistance received (past 12 mo.) | 35.7 (29.4-42.0) | 36.9 (27.0-46.8) | 34.0 (25.1-43.0) | 0.88 (0.49-1.57) |
| **Restriction of activities** |  |  |  |  |
| Condition limited educational opportunities |  |  |  |  |
|  Not at all/A little bit | 82.8 (78.2-87.3) | **77.5 (69.8-85.2)** | **87.2 (81.5-92.9)** | **1.98 (1.01-3.86)** |
|  Moderately/Quite a bit/Extremely | 17.2 (12.7-21.8) | **22.5 (14.8-30.2)** | **12.8 (7.1-18.5)** | **0.51 (0.26-0.99)** |
| Condition limited job opportunities |  |  |  |  |
|  Not at all/A little bit | 81.1 (76.6-85.5) | 80.5 (73.5-87.5) | 83.0 (77.2-88.8) | 1.19 (0.65-2.16) |
|  Moderately/Quite a bit/Extremely | 18.9 (14.5-23.4) | 19.5 (12.5-26.5) | 17.0 (11.2-22.8) | 0.84 (0.46-1.54) |
| Condition limited a good night’s sleep |  |  |  |  |
|  Not at all/A little bit | 54.8 (47.7-61.9) | 52.4 (41.8-63.0) | 55.7 (45.5-66.0) | 1.14 (0.63-2.08) |
|  Moderately/Quite a bit/Extremely | 45.2 (38.1-52.3) | 47.6 (37.0-58.2) | 44.3 (34.0-54.5) | 0.87 (0.48-1.59) |
| Overall, how much condition affects life |  |  |  |  |
|  Not at all/A little bit | 57.8 (51.1-64.4) | 58.6 (49.1-68.0) | 58.9 (49.1-68.7) | 1.01 (0.58-1.76) |
|  Moderately/Quite a bit/Extremely | 42.2 (35.6-48.9) | 41.4 (32.0-50.9) | 41.1 (31.3-50.9) | 0.99 (0.57-1.71) |
| Limitation in usual activities (all) |  |  |  |  |
|  Limited in at least 1 usual activity | 92.6 (89.3-96.0) | 94.9 (92.1-97.6) | 91.0 (85.3-96.6) | 0.54 (0.18-1.68) |
|  Did not experience any limitation | 7.4 (4.0-10.7) | 5.1 (2.4-7.9) | 9.0 (3.4-14.7) | 1.84 (0.60-5.67) |
| **Work activities** |  |  |  |  |
| Working status |  |  |  |  |
|  Part-time | 17.2 (11.0-23.4) | 17.0 (7.8-26.2) | 15.5 (6.5-24.6) | 0.90 (0.33-2.45) |
|  Full-time | 82.8 (76.6-89.0) | 83.0 (73.8-92.2) | 84.5 (75.4-93.5) | 1.11 (0.41-3.03) |
| Working status past week |  |  |  |  |
|  Did not have a job/permanently unable to work | 33.4 (27.4-39.4) | 26.9 (19.0-34.9) | 36.1 (26.9-45.4) | 1.54 (0.85-2.77) |
|  Worked at job or business/ Had a job but was  absent | 66.6 (60.6-72.6) | 73.1 (65.1-81.0) | 63.9 (54.6-73.1) | 0.65 (0.36-1.18) |
| **Out-of-pocket expenses** |  |  |  |  |
| Medication | 55.5 (49.0-62.0) | 52.1 (42.5-61.7) | 58.8 (49.4-68.3) | 1.32 (0.75-2.30) |
| Assistive devices | 2.6 (1.3-3.8) | 1.4 (0.4-2.4) | 2.7 (0.7-4.6) | 1.91 (0.74-4.93) |
| Rehabilitation therapy | 16.2 (11.3-21.1) | 17.4 (9.6-25.2) | 15.3 (8.8-21.8) | 0.86 (0.40-1.85) |
| Home care services | 1.2 (0.5-1.8) | 0.4 (0.0-0.8) | 1.1 (0.2-2.0) | 2.96 (0.72-12.19) |
| **Income** |  |  |  |  |
| Total household income (before taxes and deductions) |  |  |  |  |
|  Less than $60, 000 | 40.2 (33.2-47.2) | 34.4 (24.5-44.3) | 43.5 (32.9-54.2) | 1.47 (0.79-2.73) |
|  $60,000 and more | 59.8 (52.8-66.8) | 65.6 (55.7-75.5) | 56.5 (45.8-67.1) | 0.68 (0.37-1.27) |

PHQ=Patient Health Questionnaire

**BOLD** indicates significance at p<0.05

\*Proportion is reported unless otherwise specified

Logistic regression was used to generate odds ratios.