**Supplementary Table S1. List of Included Studies**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Prediction Cases per Outcome | | | Follow-Up | Sample | N | SITB N |
| Study | Ideation | Attempt | Death | (months) |  |  |  |
| Adam et al. (1983) | 1 | 0 | 0 | 24 | 200 psychiatric patients | 200 | 98 |
| Addington et al. (2004) | 0 | 1 | 0 | 12 | 238 inpatients with first episode of psychosis without more than 3 months of prior treatment | 238 | 36 |
| Allgulander & Fisher (1990) | 0 | 0 | 2 | 120 | 8,895 inpatients admitted for self-poisoning | 8,895 | 2,228 |
| Alonso et al. (2010) | 0 | 2 | 0 | 120 | 218 outpatients with DSM-IV OCD | 218 | 75 |
| Anderson et al. (2011) | 1 | 0 | 0 | 60 | 2,145 adolescents on welfare | 2,145 | 972 |
| Bakken & Vaglum (2006) | 0 | 1 | 0 | 72 | 160 substance abusers | 160 | 84 |
| Beautrais (2004) | 0 | 9 | 9 | 60 | 302 patients with prior suicide attempts | 302 | 302 |
| Beck & Steer (1989) | 0 | 0 | 1 | 120 | 413 patients hospitalized for suicide attempt | 413 | 413 |
| Beck et al. (1985) | 0 | 0 | 1 | 120 | 205 patients hospitalized for recent suicide ideation | 205 | 205 |
| Beck, Steer, & Trexler (1989) | 0 | 0 | 11 | 144 | 161 patients with alcohol abuse hospitalized for suicide attempts | 161 | 161 |
| Bergen et al. (2012) | 0 | 0 | 10 | 120 | 30,202 patients presenting to hospitals with self-harm | 30,202 | 30,202 |
| Berglund (1984) | 0 | 0 | 1 | 324 | 1,312 inpatients with chronic alcohol intoxication | 1,312 | 88 |
| Berglund & Nilsson (1987) | 0 | 0 | 2 | 384 | 1,206 inpatients with severe depression or melancholia | 1,206 | 103 |
| Blumenthal et al. (1989) | 0 | 0 | 1 | 60 | 258 first admission psychiatric patients | 258 | 12 |
| Bolton et al. (2010) | 0 | 2 | 0 | 36 | 5,972 adults from the general population | 5,972 | 169 |
| Borges et al. (2008) | 2 | 5 | 0 | 120 | 5,001 adults from the general population | 5,001 | 664 |
| Brabant et al. (2014) | 1 | 0 | 0 | 12 | 74 female adolescents | 74 | 47 |
| Bradvik & Berglund (2009) | 0 | 0 | 4 | 600 | 200 psychiatric patients | 200 | 100 |
| Bradvik & Berglund (2011) | 0 | 0 | 2 | 648 | 160 psychiatric patients | 160 | 80 |
| Brent et al. (1996) | 0 | 1 | 0 | 36 | 341 adolescents | 341 | 9 |
| Breslau et al. (2012) | 0 | 1 | 0 | 24 | 1,186 with headaches and without | 1,186 | 65 |
| Britton & Connor (2010) | 0 | 2 | 0 | 12 | 2,966 patients with one or more substance use disorder(s) | 2,966 | 957 |
| Britton et al. (2012) | 0 | 0 | 2 | 1 | 381 veteran suicide decedents | 381 | 381 |
| Bronisch & Hecht (1992) | 0 | 1 | 1 | 72 | 45 patients with reactive depression | 45 | 28 |
| Brown et al. (2000) | 0 | 0 | 4 | 288 | 6,891 psychiatric outpatients | 6,891 | 721 |
| Bryan et al. (2014) | 0 | 3 | 0 | 24 | 152 active duty soldiers in outpatient mental health care | 152 | 152 |
| Cedereke & Ojehagen (2005) | 0 | 5 | 0 | 12 | 178 patient hospitalized for a suicide attempt | 178 | 178 |
| Cha et al. (2010) | 0 | 2 | 0 | 6 | 124 psychiatric patients | 124 | 68 |
| Chan et al. (2014) | 0 | 3 | 0 | 12 | 66 psychiatric inpatients with a depressive disorder | 66 | 66 |
| Chen et al. (2013) | 0 | 2 | 0 | 6 | 1,056 patients with a suicide attempt in the last month | 1,056 | 1,056 |
| Clark et al. (1989) | 0 | 1 | 0 | 24 | 928 patients with affective disorder | 928 | 278 |
| Coryell & Schlesser (2001) | 0 | 0 | 1 | 180 | 78 inpatients with major depressive disorder or schizoaffective disorder, depressed type | 78 | 16 |
| Courtet et al. (2003) | 0 | 6 | 0 | 12 | 76 patients hospitalized following a suicide attempt | 76 | 76 |
| Cox et al. (2012) | 0 | 2 | 0 | 45.6 | 352 offspring of DSM-IV mood disorder parents | 352 | 31 |
| Crandall et al. (2007) | 0 | 0 | 4 | 72 | 218,304 emergency department patients | 218,304 | 449 |
| Crocq et al. (2010)\* | 0 | 3 | 0 | 72 | 9,809 schizophrenia patients | 9,809 | 100 |
| Cullberg et al. (1998) | 0 | 0 | 1 | 120 | 163 suicide attempters | 163 | 163 |
| Dahlsgaard et al. (1998) | 0 | 0 | 6 | 192 | 34 psychiatric patients | 17 | 17 |
| Darke et al (2005) | 0 | 3 | 0 | 12 | 495 adults with substance use disorder | 495 | 114 |
| De Leo et al. (2002) | 0 | 3 | 0 | 12 | 63 elderly patients with past suicide attempt | 63 | 8 |
| de Moore & Robertson (1996) | 0 | 0 | 8 | 216 | 223 adults with prior deliberate self-harm | 223 | 15 |
| Dennehy et al. (2011) | 0 | 2 | 2 | 16 | 4,360 patients with bipolar spectrum disorders | 4,360 | 1,569 |
| Dieserud et al. (2003) | 0 | 3 | 0 | 18 | 50 patients with past suicide attempt | 50 | 50 |
| Ekeberg et al., (1991) | 0 | 0 | 1 | 60 | 934 patients treated for self-poisoning | 934 | 34 |
| Fawcett et al. (1990) | 0 | 0 | 2 | 120 | 954 inpatients with affective disorder | 954 | 954 |
| Fiedorowicz & Coryell (2007) | 0 | 1 | 0 | 240 | 74 patients with major depression, mania, or shizoaffective depression | 74 | 74 |
| Fiedorowicz et al. (2011) | 0 | 1 | 0 | 42 | 735 adults with prodromal Huntington’s Disease; 194 controls | 929 | 13 |
| Franko et al. (2004) | 0 | 2 | 0 | 108 | 246 patients with eating disorders | 246 | 66 |
| Fridell et al. (1996) | 0 | 1 | 0 | 60 | 42 inpatients with prior suicide attempts | 42 | 42 |
| Gallagher et al. (2014) | 1 | 0 | 0 | 18 | 144 psychiatric inpatient adolescents with recent self-harm | 144 | NA |
| Gibb et al. (2005) | 0 | 0 | 1 | 120 | 3,690 patients with suicide attempt | 3,690 | 3,690 |
| Goldstein et al. (2011) | 0 | 4 | 0 | 60 | 413 adolescents with a bipolar spectrum disorder | 413 | 310 |
| Greer & Bagley (1971) | 0 | 1 | 0 | 24 | 204 patients with prior parasuicide | 57 | 57 |
| Grunebaum et al. (2010) | 0 | 1 | 0 | 12 | 136 psychiatric patients | 136 | 80 |
| Handley et al. (2012)\* | 1 | 0 | 0 | 12 | 1,356 adults from the general population | 1,356 | 61 |
| Harriss & Hawton (2005) | 0 | 0 | 2 | 24 | 2,489 deliberate self-harm patients | 2,489 | 62 |
| Hawton & Harris (2006) | 0 | 0 | 5 | 276 | 660 elderly deliberate self-harm patients | 660 | 149 |
| Hawton et al. (2012) | 0 | 0 | 3 | 120 | 5,133 deliberate self-harm patients | 5,133 | 25 |
| Hayashi et al. (2012) | 0 | 2 | 0 | 24 | 106 inpatients with self-injury | 106 | 40 |
| Herba et al. (2007) | 1 | 1 | 0 | 168 | 1,022 children from the general population | 1,022 | 29 |
| Hjelmeland (1995) | 0 | 0 | 2 | 12 | 925 parasuicide patients | 925 | 24 |
| Hjelmeland et al. (1998) | 0 | 0 | 24 | 48 | 776 parasuicide patients |  | 58 |
| Holma et al. (2010) | 0 | 4 | 0 | 60 | 249 major depressive disorder patients | 249 | 159 |
| Huth-Bocks et al. (2007) | 0 | 1 | 0 | 6 | 289 suicidal adolescent inpatients | 289 | 289 |
| Ialongo et al. (2004) | 0 | 1 | 0 | 168 | 870 African-American adolescents | 870 | 43 |
| Ivarsson et al. (1998) | 0 | 1 | 0 | 48 | 106 adolescent inpatients | 106 | 60 |
| Joiner et al. (2003) | 0 | 0 | 1 | 192 | 440 outpatients with suicidal ideation | 440 | 440 |
| Jokinen & Nordstrom (2008) | 0 | 0 | 1 | 300 | 99 elderly mood disorder inpatients | 99 | 24 |
| Jokinen et al. (2007) | 0 | 0 | 1 | 216 | 382 mood disorder inpatients | 382 | 114 |
| Jokinen et al. (2009) | 0 | 0 | 1 | 252 | 15 psychiatric inpatients; 8 healthy controls | 23 | 9 |
| Keane et al. (1996)\* | 0 | 1 | 0 | 6 | 134 American Indian adolescents | 134 | 10 |
| Keilp et al. (2010) | 0 | 7 | 0 | 24 | 26 depressed patients with prior attempt; 19 depressed non-attempters; 15 healthy adults | 60 | 26 |
| Kienhorst et al. (1991) | 0 | 1 | 0 | 12 | 96 adolescent inpatients | 96 | 43 |
| Kleiman & Liu (2014) | 0 | 0 | 2 | 192 | 20,014 adults from the general population | 20,014 | 1270 |
| Kleiman et al (2014)\* | 1 | 0 | 0 | 0.12 | 299 undergraduates | 299 | NA |
| Kuo et al. (2012) | 0 | 0 | 8 | 60 | 7,601 inpatients with self-harm history | 7,601 | 201 |
| Kuramoto et al. (2010) | 0 | 2 | 0 | 360 | 38,440 offspring of suicide or accident decedents | 38,440 | 1,180 |
| Larzelere et al. (1996) | 0 | 1 | 0 | 72 | 836 adolescents in residential treatment | 836 | 29 |
| Lasgaard et al. (2011) | 1 | 0 | 0 | 12 | 541 adolescents | 541 | NA |
| Leadholm et al. (2013) | 0 | 0 | 2 | 204 | 34,671 severe depression patients | 34,671 | 755 |
| Lekka et al. (2006) | 3 | 0 | 0 | 12 | 134 adult prisoners | 134 | 67 |
| Leverich et al. (2003) | 1 | 0 | 0 | 66 | 415 bipolar I or II patients | 415 | 146 |
| Levine et al. (2010) | 0 | 1 | 0 | 84 | 2,293 schizophrenia patients | 2,293 | 196 |
| Lewinsohn et al. (1994) | 0 | 4 | 0 | 12 | 1,508 adolescents | 1,508 | 26 |
| Lewinsohn et al. (2001) | 0 | 2 | 0 | 144 | 941 adolescents | 941 | 124 |
| Links et al. (2012) | 3 | 0 | 0 | 6 | 98 suicidal inpatients | 98 | 71 |
| Links et al (2013) | 0 | 6 | 0 | 12 | 110 borderline personality disorder inpatients | 110 | 76 |
| Lynch et al. (1999)\* | 1 | 1 | 0 | 12 | 81 unipolar depression patients | 81 | 32 |
| May et al. (2012) | 0 | 1 | 0 | 120 | 49 adults diagnosed with major depressive disorder and/or dysthymic disorder endorsing suicidal ideation | 49 | 49 |
| McKeown et al. (1998) | 1 | 1 | 0 | 12 | 247 community adolescents | 247 | NA |
| Mehlum et al. (1994) | 0 | 1 | 0 | 60 | 73 psychiatric inpatients | 73 | 26 |
| Miller et al (2014) | 4 | 0 | 0 | 72 | 884 children | 884 | 58 |
| Miller et al. (2013) | 0 | 0 | 7 | 48 | 3,600 adults with intentional self-harm | 3,600 | 48 |
| Miranda & Nolen-Hoeksema (2007) | 1 | 0 | 0 | 12 | 1,134 adults | 1,134 | 129 |
| Miranda et al. (2012) | 2 | 0 | 0 | 6 | 45 adults | 45 | 13 |
| Monnin et al. (2011) | 0 | 2 | 0 | 24 | 273 inpatients with a prior suicide attempt | 273 | 273 |
| Morrison & O'Connor (2008)\* | 1 | 0 | 0 | 1 | 73 undergraduates | 73 | NA |
| Motto (1965) | 0 | 0 | 4 | 96 | 193 inpatients with a prior suicide attempt | 193 | 193 |
| Murphy et al. (2012) | 0 | 0 | 1 | 84 | 1,137 older adults with prior self-harm | 1,137 | 24 |
| Mustanski & Liu (2013) | 0 | 2 | 0 | 12 | 237 LGBT youth | 237 | 13 |
| Nguyen et al. (2012) | 1 | 0 | 1 | 144 | 11,306 adolescents | 11,306 | 972 |
| Nielsen et al. (1990) | 0 | 0 | 3 | 60 | 207 inpatients with a prior suicide attempt | 207 | 207 |
| Nimeus et al. (1997) | 0 | 0 | 1 | 52 | 162 patients with suicide attempt | 162 | 162 |
| Nimeus et al. (2000) | 0 | 0 | 1 | 12 | 48 patients with prior suicide attempt | 48 | 8 |
| Nock & Banaji (2007) | 2 | 1 | 0 | 6 | 89 adolescents | 89 | 51 |
| Nock et al. (2010) | 0 | 2 | 0 | 6 | 91 psychiatric emergency department patients | 91 | 79 |
| Nordentoft et al. (1993) | 0 | 0 | 2 | 120 | 974 patients with prior deliberate self-poisoning | 974 | 103 |
| O'Connor et al. (2012) | 2 | 0 | 0 | 12 | 40 suicidal inpatients | 40 | 40 |
| O'Connor et al. (2013) | 0 | 2 | 0 | 48 | 61 patients with a prior suicide attempt and history of self-harm | 61 | 61 |
| Ojehagen et al. (1992) | 0 | 3 | 0 | 12 | 59 patients with a prior suicide attempt | 59 | 59 |
| Oquendo et al. (2007) | 0 | 14 | 0 | 24 | 314 adults with a prior major depressive episode | 314 | 171 |
| Perlis et al. (2007) | 2 | 0 | 0 | 3 | 414 outpatients with nonpsychotic major depressive episodes | 414 | 59 |
| Pfeffer et al. (1994) | 2 | 2 | 0 | 96 | 133 children | 133 | 60 |
| Pierce (1984) | 0 | 0 | 1 | 60 | 500 patients with first deliberate self-harm episode | 500 | 4 |
| Posner et al. (2011) | 0 | 1 | 0 | 6 | 259 adolescents with major depressive disorder | 259 | NA |
| Preuss et al. (2003) | 0 | 1 | 0 | 60 | 1,237 adults with alcohol dependence | 1,237 | 191 |
| Rahman et al (2014)\* | 0 | 1 | 1 | 60 | 46,745 adults on disability | 46,745 | 1425 |
| Rajalin et al. (2013) | 0 | 0 | 1 | 204 | 133 patients with a prior suicide attempt | 133 | 133 |
| Ramchand et al. (2008) | 1 | 2 | 0 | 12 | 948 adolescents with substance abuse | 948 | 284 |
| Ribeiro et al. (2012) | 1 | 1 | 0 | 1 | 239 patients presenting with severe suicidality | 239 | 239 |
| Riihimaki et al. (2013) | 0 | 4 | 0 | 60 | 134 patients with a depressive disorder | 134 | 23 |
| Roaldset et al. (2012) | 0 | 6 | 0 | 12 | 307 psychiatric patients | 307 | 28 |
| Robinson et al. (2010) | 0 | 3 | 0 | 87 | 282 first-episode psychosis patients | 282 | 128 |
| Rodriguez-Cano et al. (2005) | 0 | 2 | 0 | 24 | 1,076 adolescents | 1,076 | 192 |
| Rosen (1970) | 0 | 0 | 1 | 12 | 886 inpatients with a prior suicide attempt | 886 | 886 |
| Roy et al. (1986) | 0 | 0 | 1 | 12 | 27 inpatients with a major depressive episode | 27 | 19 |
| Runeson et al. (2010) | 0 | 0 | 8 | 12 | 48,649 inpatients with prior suicide attempt | 48,649 | 48,649 |
| Sadeh & McNeil (2013) | 0 | 1 | 0 | 12 | 748 psychiatric patients | 748 | 148 |
| Samuelsson et al. (2006) | 0 | 0 | 1 | 60 | 15 male patients with a prior suicide attempt | 15 | 15 |
| Sanchez-Gistau et al. (2014)\* | 0 | 2 | 0 | 24 | 82 adolescents inpatients with first psychotic episode | 82 | 10 |
| Sani et al. (2011) | 0 | 0 | 3 | 420 | 288 psychiatric inpatients | 288 | 184 |
| Schneider et al. (2001) | 0 | 0 | 1 | 60 | 278 depressed patients | 278 | 16 |
| Selby & Yen (2014) | 1 | 0 | 0 | 6 | 119 suicidal adolescent inpatients | 119 | 119 |
| Seo & Lee (2012) | 2 | 0 | 0 | 12 | 4,717 adolescents | 4,717 | 354 |
| Sher et al. (2006)\* | 0 | 7 | 0 | 24 | 27 bipolar patients | 27 | 6 |
| Skeem et al. (2006) | 0 | 1 | 0 | 12 | 951 psychiatric inpatients | 951 | 171 |
| Sokero et al. (2005) | 0 | 4 | 0 | 18 | 198 depressive disorder patients | 198 | 64 |
| Soloff & Chiapetta (2012) | 0 | 1 | 0 | 72 | 90 borderline personality disorder patients | 90 | 25 |
| Soloff & Fabio (2008) | 0 | 2 | 0 | 60 | 122 borderline personality disorder patients | 122 | 17 |
| Steer et al. (1988) | 0 | 0 | 5 | 120 | 458 inpatients with a prior suicide attempt | 458 | 458 |
| Stewart et al. (2001) | 0 | 3 | 0 | 6 | 224 child and adolescent inpatients | 224 | 224 |
| Suokas et al. (2001) | 0 | 0 | 2 | 168 | 1,018 patients with prior suicide attempt | 1,018 | 1,018 |
| Suominen et al. (2004) | 0 | 0 | 1 | 144 | 224 patients with a prior suicide attempt | 224 | 224 |
| Suominen et al. (2004c) | 0 | 0 | 3 | 60 | 1,198 patients with a prior suicide attempt | 1,198 | 1,198 |
| Swanson & Colman (2013) | 4 | 4 | 0 | 24 | 8,766 adolescents |  | NA |
| Targum et al. (1983)\* | 0 | 1 | 0 | 6 | 49 psychiatric patients | 49 | 17 |
| Tejedor et al. (1999) | 0 | 6 | 6 | 120 | 113 patients with a prior suicide attempt | 113 | 113 |
| Thies-Flechtner et al. (1996) | 0 | 2 | 0 | 30 | 378 mood disorder patients | 378 | 144 |
| Thompson & Light (2011) | 0 | 5 | 0 | 84 | 10,828 adolescents | 10,828 | NA |
| Traskman et al. (1981) | 0 | 0 | 1 | 108 | 119 suicidal patients | 119 | 119 |
| Troister et al. (2013)\* | 8 | 0 | 0 | 5 | 945 young adults | 945 | 68 |
| Tuisku et al. (2014) | 0 | 2 | 0 | 12 | 137 depressed adolescents | 137 | 17 |
| Turner et al. (2012) | 1 | 0 | 0 | 24 | 1,130 adolescents | 1,130 | 49 |
| Tyssen et al. (2001) | 1 | 0 | 0 | 12 | 371 medical students | 378 | 52 |
| Valtonen et al. (2006) | 0 | 5 | 0 | 18 | 160 bipolar patients | 160 | 89 |
| Valtonen et al. (2008) | 0 | 1 | 0 | 18 | 176 bipolar patients | 176 | 53 |
| van Dulmen et al. (2012) | 4 | 4 |  | 156 | 4,675 adolescents | 4,675 | 311 |
| Van Dulmen et al. (2013) | 2 | 2 | 0 | 156 | 8,966 school children | 8,966 | 529 |
| Verkes et al. (1997) | 0 | 2 | 0 | 12 | 62 inpatients with a prior suicide attempt | 62 | 62 |
| Walsh et al. (2001) | 0 | 2 | 0 | 24 | 708 patients with psychosis | 708 | 73 |
| Wedig et al. (2012) | 0 | 5 | 0 | 192 | 231 borderline personality disorder patients | 231 | 19 |
| Wenzel et al. (2011) | 0 | 0 | 7 | 360 | 297 inpatients with suicidal ideation or prior suicide attempt | 297 | 297 |
| Whitlock et al. (2013) | 0 | 5 | 0 | 24 | 1,466 undergraduates | 1,466 | 192 |
| Wichstrom (2000) | 0 | 2 | 0 | 24 | 9,227 adolescents | 9,227 | 757 |
| Wilkinson et al. (2011) | 0 | 2 | 0 | 7 | 163 depressed adolescents | 163 | 27 |
| Wines et al. (2004) | 2 | 2 | 0 | 24 | 400 inpatients in detox | 400 | 79 |
| Wong & Maffini (2011) | 0 | 2 | 0 | 12 | 959 Asian American adolescents | 959 | 30 |
| Wong et al. (2011) | 3 | 0 | 0 | 36 | 392 offspring of high-risk parents | 392 | 30 |
| Yen et al. (2003) | 0 | 1 | 0 | 24 | 621 borderline personality disorder patients | 621 | 58 |
| Yen et al. (2011) | 0 | 2 | 0 | 96 | 701 personality disorder patients | 701 | 129 |
| Zammit et al. (2013) | 0 | 0 | 1 | 240 | 204,323 Swedish general population children | 204,323 | 129 |
| Zweig & Hinrichsen (1993) | 0 | 3 | 0 | 12 | 127 depressed inpatients | 127 | 11 |

*Note.* Redundant cases (*n* = 8) are not excluded; \* indicates presence of at least one outlier case; N = total number of participants; SITB N = largest number of participants with a history of suicidal thoughts or behaviors at any point during the study; NA = information unclear or unavailable.