**Supplementary table 1: Uncontrolled studies’ quality assessment by Newcastle-Ottawa scale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Study**  | **Diagnosed by specialist** | **Consecutive** | **Ascertainment of exposure** | **Quality total**  |
| **Secure records** | **Structured interview**  |
| **Fallik 1971** |  |  |  | 0 |
| **Mathur 1975** | Y | Y |  | 2 |
| [**Pu**](https://www.cambridge.org/core/search?filters%5BauthorTerms%5D=Tinnyunt%20Pu&eventCode=SE-AU) **1986** | Y | Y |  | 2 |
| **Lempert 1990** | Y | Y |  | 2 |
| **Lancman 1993** | Y |  |  | 1 |
| **Bowman 1993** | Y | Y |  | 2 |
| **Factor 1995** | Y | Y |  | 2 |
| **Moore 1997** |  | Y |  | 1 |
| [**Deuschl**](https://scholar.google.com.au/citations?user=SNnXK9kAAAAJ&hl=en&oi=sra) **1998** | Y |  |  | 1 |
| **Bowman 1999** |  | Y |  | 1 |
| [**Chand**](https://onlinelibrary.wiley.com/action/doSearch?ContribAuthorStored=Chand%2C+Suma+P) **2000** | Y | Y |  | 2 |
| **Irfan 2002** | Y | Y |  | 2 |
| **Kuloglu 2003** | Y | Y |  | 2 |
| **Carton 2003** | Y  | Y |  | 2 |
| **Khan 2006** |  |  |  | 0 |
| **Reuber 2007** | Y | Y |  | 2 |
| **Ahmad 2007** |  Y | Y | Y | 3 |
| **Deka 2007** | Y | Y |  | 2 |
| **Duncan 2008** | Y | Y |  | 2 |
| **An 2010** | Y | Y |  | 2 |
| **Maqsood 2010** | Y |  |  | 1 |
| **Anuradha 2011** | Y |  |  | 1 |
| **Magaudda 2011** | Y |  |  | 1 |
| [**Alessi**](https://www.sciencedirect.com/science/article/pii/S1525505012006312#!) **2013** |  | Y |  | 1 |
| **Pareés 2014** |  | Y |  | 1 |
| **Ganos 2014** | Y | Y |  | 2 |
| **Kamble 2016** | Y | Y |  | 2 |
| **Roy 2016** |  | Y |  | 1 |
| **Amin 2017** | Y | Y |  | 2 |
| **Labudda 2018** | Y |  | Y | 2 |

**Supplementary table 2: Controlled studies’ quality assessment by Newcastle-Ottawa scale.** \*applies to healthy control group only.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Study**  | **Diagnosed by specialist** | **Consecutive**  | **Cases & controls from same population**  | **Controls have no history of outcome** | **Controls for sex** | **Controls for mental comorbidity**  | **Controls for age**  | **Secure records** | **Blinded structured interview** | **Same method of ascertaining cases & controls** | **Same response rate for both groups** | **Quality total**  |
| **Raskin 1966** | Y | Y | Y |  |  |  |  |  |  | Y |  | 4 |
| **Barnet 1971** |  | Y | Y | Y | Y |  | Y |  |  | Y | Y | 7 |
| **Merskey 1975** |  |  | Y | Y | Y |  | Y |  |  | Y |  | 5 |
| **Creed 1990** | Y |  | Y |  | Y |  |  |  |  | Y | Y | 5 |
| **Tomasson 1991** | Y | Y | Y |  |  | Y |  |  |  | Y | Y | 6 |
| **House 1988** | Y | Y |  | Y |  |  |  |  |  |  |  | 3 |
| **Harris 1996** |  | Y | Y | Y | Y |  | Y |  | Y | Y |  | 7 |
| **Andersson 1997** | Y |  | Y |  | Y |  |  |  |  |  |  | 3 |
| **Binzer 1997** | Y | Y | Y | Y | Y |  | Y |  |  | Y | Y | 8 |
| **Tojek 2000** |  |  | Y | Y | Y |  | Y |  |  | Y |  | 5 |
| **Roelofs 2005** | Y |  |  |  | Y |  | Y |  | Y | Y |  | 5 |
| **Kranick 2011** | Y |  |  |  | Y | Y\* | Y |  |  | Y |  | 1/5\* |
| **Testa 2012** | Y | Y | Y | Y | Y |  | Y |  |  | Y |  | 7 |
| [**Baker**](https://www.tandfonline.com/author/Baker%2C%2BJanet) **2012** | Y | Y | Y | Y | Y |  | Y |  |  | Y |  | 7 |
| **Scévola 2013** | Y | Y | Y | Y | Y |  | Y |  | Y | Y |  | 8 |
| **Thapa 2014** |  |  | Y | Y | Y | Y\* | Y |  |  | Y |  | 6 |
| **Steffen 2015** | Y |  |  | Y | Y | Y\* | Y |  |  | Y |  | 6 |
| **Radziej 2015** | Y |  | Y |  |  |  |  |  |  | Y |  | 3 |
| **Nicholson 2016** | Y | Y | Y | Y | Y |  | Y |  | Y | Y |  | 8 |
| **Myers 2019** | Y | Y | Y |  | Y |  |  |  |  | Y |  | 5 |
| **O’Connell 2020** | Y |  | Y | Y |  |  |  |  |  | Y |  | 4 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Study  | Number of patients  | Family & Bereavement | Sexual or Physical violence | Relationship & love | Health | Accident  | Work & Education | Finance  | Military/war | Legal | Disaster |
| Barnert 1971 | 46 | 17 |  | 9 | 9 |  |  | 8 |  |  |  |
| Creed 1990 | 32 | 13 |  |  |  |  |  |  |  |  |  |
| Harris 1996 | 50 | 10 |  | 13 | 9 |  | 7 | 1 |  | 3 |  |
| Merskey 1975 | 24 | 8 |  | 12 | 3 |  |  | 1 |  |  |  |
| Myers 2019 | 161 | 13 | 36 | 6 | 4 | 7 | 7 |  | 5 |  | 1 |
| O’Connell 2020 | 322 | 117 | 70 | 92 | 67 | 44 | 65 | 35 | 20 | 20 |  |
| Radziej 2015 | 158 |  | 47 |  | 36 | 57  |  |  | 2 |  | 14 |
| Scevola 2013 | 35 | 3 | 14 |  |  |  |  |  |  |  |  |
| Tomasson 1991 | 51 | 31 |  | 30 | 19 |  | 7 |  |  |  |  |
| Total Number | 879 | 212 | 167 | 162 | 147 | 108 | 86 | 45 | 27 | 23 | 15 |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Study | Number of controls | Family & Bereavement | Sexual or Physical violence | Relationship & love | Health | Accident | Work & Education | Finance | Military/war | Legal | Disaster |
| Barnert 1971 | 63 | 38 |  | 5 | 15 |  |  | 24 |  |  |  |
| Creed 1990 | 55 | 11 |  |  |  |  |  | 11 |  | 11 |  |
| Harris 1996 | 33 |  |  | 5 | 1 |  |  | 2 |  |  |  |
| Merskey 1975 | 24 |  |  | 9 | 10 |  |  |  |  |  |  |
| Myers 2019 | 96 | 3 | 11 | 7 | 1 | 3 | 3 |  | 1 |  | 1 |
| O’Connell 2020 | 644 | 108 | 84 | 120 | 38 | 12 | 36 | 59 | 17 | 4 |  |
| Radziej 2015 | 185 |  | 64 |  |  | 63 |  |  | 21 |  | 18 |
| Scevola 2013 | 49 | 3 | 14 |  |  |  |  |  |  |  |  |
| Tomasson 1991 | 65 | 9 |  | 8 | 3 |  | 1 |  |  |  |  |
| Total number | 1214 | 172 | 173 | 154 | 68 | 78 | 40 | 96 | 39 | 15 | 19 |

**Supplementary Table 3 Cases (top) and Controls (bottom) Event types by category**

|  |  |  |
| --- | --- | --- |
| **Study**  | **Commonest category in females**  | **Commonest category in males** |
| Anuradha | Family/relationship | Work/study |
| Pu | Home issues | Work |
| Kamble  | Family/relationship | Work |
| Reuber  | Family/social issues | Bereavement  |
| Nicholson  | Abuse  | Work  |
| Duncan  | Abuse  | NA |
| Factor  | Work  | NA |
| Bowman  | Accidents  | Relationship  |
| Ganos | Health  | Health  |
| House | Conflict over speaking out | NA |

**Supplementary Table 4: Most common category of event by gender.** NA: not available. Studies where the timing or age of participants were questionable are shaded.

|  |  |  |
| --- | --- | --- |
| **Study**  | **Commonest events in patients**  | **Commonest events in controls** |
| Barnert  | Family  | Family  |
| Merskey  | Relationship  | Health  |
| Creed  | Family  | Family/Finance/Legal |
| Tomasson  | Family  | Family  |
| Harris  | Relationship  | Relationship  |
| Scevola  | Sexual trauma  | Physical violence  |
| O’Connell | Relationship | Drug or Alcohol problem |
| Radziej | Accident  | Accident  |
| Myers  | Relationship  | Relationship  |

**Supplementary Table 5: Commonest category of event in controlled studies.**

****

**Supplementary Figure 1: PRISMA study selection flowchart**