Supplementary tables: additional information about the risk scales and their items

Table S1: Risk scales tested in the predicting risk of repeat self-harm cohort study

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| --- | --- | --- | --- |
| **Scale** | **Number of items** | **Scale items**  | **Risk categories (published cut-off points)** |
| Manchester Self-Harm Rule | 4 | • Any history of self-harm• Prior psychiatric treatment• Benzodiazepines used in self-poisoning• Current psychiatric treatment | The presence of any one indicates moderate/high risk |
| ReACT Self-Harm Rule | 4 | • Recent self-harm (past year)• Cutting as method of harm* Lives alone or homeless

• Current psychiatric treatment | The presence of any one indicates moderate/high risk |
| The SAD PERSONS scale | 10 | • Male sex• Older age• Depression• Previous suicide attempt• Excess alcohol orsubstance use• Rational thinking loss• Social supports lacking• Organised plan• No spouse• Sickness | 3 categories of risk: 0-4 = low 5-6 = moderate 7-10 = high  |
| The Modified SAD PERSONS scale | 10 | • Male sex• >19<45• Depression or hopelessness• Previous suicidal attemptsor psychiatric care• Excessive ethanol or druguse• Rational thinking loss• Single, widowed ordivorced• Organised or seriousattempt• No social support• Stated future intent | 3 categories of risk: 0-5 = low6-8 = moderate9-14 = high |

Table S2: Risk scale items and corresponding variables from the self-harm cohort studies

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| --- | --- | --- | --- | --- | --- |
| **Scale** | **Scale items**  | **Corresponding variables****Centre 1** | **Centre 2** | **Centre 3** | **Centre 4** |
| Manchester Self-Harm Rule | • Any history of self-harm• Prior psychiatric treatment• Benzodiazepines used in self-poisoning• Current psychiatric treatment | * Any history of self-harm
* Prior psychiatric treatment
* Benzodiazepines used in self-poisoning
* Current psychiatric treatment
 | * Any history of self-harm
* Prior psychiatric treatment
* Benzodiazepines used in self-poisoning
* Current psychiatric treatment
 | * Any history of self-harm
* Prior psychiatric treatment
* Benzodiazepines used in self-poisoning
* Current psychiatric treatment
 | * Any history of self-harm
* Prior psychiatric treatment
* Benzodiazepines used in self-poisoning
* Current psychiatric treatment
 |
| ReACT Self-Harm Rule | Addition scale items not included in SAD PERSONS Scale• Recent self-harm (past year)• Cutting as method of harm* Lives alone or homeless
 | * Self-harm within the past 12 months
* Cutting as method of harm
* Living status on day of self-harm
 | * Self-harm within the past 12 months
* Cutting as method of harm
* Not available
 | * Self-harm within the past 12 months
* Cutting as method of harm
* Living status
 | * Self-harm within the past 12 months
* Cutting as method of harm
* Marital status
 |
| The SAD PERSONS scale | • Male sex• Older age• Depression• Previous suicide attempt• Excess alcohol orsubstance use• Rational thinking loss• Social supports lacking• Organised plan• No spouse• Sickness | * Male sex
* Age in years
* Psychiatric diagnosis (affective disorder)
* History of self-harm
* Alcohol or drug misuse
* Not available
* Not available
* Not available
* Marital status
* Presence of a physical disorder
 | * Male sex
* Age in years
* Not available
* History of self-harm
* Referred to alcohol/drug addiction services
* Not available
* Not available
* Beck Suicide Intent Scale (total score)
* Marital status
* Not available
 | * Male sex

• Age in years• Feels depressed• Previous suicide attempt• Current alcohol orsubstance misuse• Current visual/audial hallucinations or delusions• Not available• Premeditated act• Marital status• Physical health problem as precipitant to the act | * Male sex

• Age in years• Not available• Previous suicide attempt• Current alcohol orsubstance misuse• Not available• Social isolation as a precipitant to the act• Beck Suicide Intent Scale (total score)• Marital status• Physical health problem as precipitant to the act |
| The Modified SAD PERSONS scale | Addition scale items not included in SAD PERSONS Scale • Depression or hopelessness• Stated future intent | * Depression only (from psychiatric diagnosis)
* Beck Suicide Intent Scale (total score)
 | * Not available
* Beck Suicide Intent Scale (total score)
 | * Depression or hopelessness

• Stated wanted to die  | * Not available
* Beck Suicide Intent Scale (total score)
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