

Outcomes of quality appraisal, using Newcastle – Ottawa Scale for assessing the quality of nonrandomised studies in meta-analysis

(http://www.ohri.ca/programs/clinical_epidemiology/oxford.asp)

Studies could receive between zero and four stars. Bolding indicates which criteria was met.

Borschmann et al. (2017)	Cohort ***
Selection	<p>1) <u>Representativeness of the exposed cohort</u> a) truly representative of the average prison population in Qld in the community * b) somewhat representative of the average _____ in the community *</p> <p>c) selected group of users eg nurses, volunteers d) no description of the derivation of the cohort</p> <p>2) <u>Selection of the non exposed cohort</u> a) drawn from the same community as the exposed cohort * b) drawn from a different source c) no description of the derivation of the non exposed cohort</p> <p>3) <u>Ascertainment of exposure</u> a) secure record (eg surgical records) * b) structured interview * c) written self report d) no description</p> <p>4) <u>Demonstration that outcome of interest was not present at start of study</u> a) yes * b) no</p>
Duncan et al. (2019)	Cohort **
Selection	<p>1) <u>Representativeness of the exposed cohort</u> a) truly representative of the average population of individuals who are attended by ambulance due to mental health crisis in the community * b) somewhat representative of the average _____ in the community *</p> <p>c) selected group of users eg nurses, volunteers d) no description of the derivation of the cohort</p> <p>2) <u>Selection of the non exposed cohort</u> a) drawn from the same community as the exposed cohort * b) drawn from a different source c) no description of the derivation of the non exposed cohort</p> <p>3) <u>Ascertainment of exposure</u> a) secure record (eg surgical records) * b) structured interview * c) written self report d) no description</p> <p>4) <u>Demonstration that outcome of interest was not present at start of study</u> a) yes * b) no</p>

Fjeldsted et al. (2017)	Case-control ****
Selection	<p>Selection</p> <p>1) <u>Is the case definition adequate?</u> a) yes, with independent validation * b) yes, eg record linkage or based on self reports c) no description</p> <p>2) <u>Representativeness of the cases</u> a) consecutive or obviously representative series of cases * b) potential for selection biases or not stated</p> <p>3) <u>Selection of Controls</u> a) community controls * b) hospital controls c) no description</p> <p>4) <u>Definition of Controls</u> a) no history of disease (endpoint) * b) no description of source</p>
Gradus et al. (2012)	Case-control ****
Selection	<p>Selection</p> <p>1) <u>Is the case definition adequate?</u> a) yes, with independent validation * b) yes, eg record linkage or based on self reports c) no description</p> <p>2) <u>Representativeness of the cases</u> a) consecutive or obviously representative series of cases * b) potential for selection biases or not stated</p> <p>3) <u>Selection of Controls</u> a) community controls * b) hospital controls c) no description</p> <p>4) <u>Definition of Controls</u> a) no history of disease (endpoint) * b) no description of source</p>

<p>Papalia et al. (2017)</p>	<p>Cohort ***</p>
<p>Selection</p>	<p>1) <u>Representativeness of the exposed cohort</u> a) truly representative of the average _____ (describe) in the community ✱ b) somewhat representative of the average individual who has experienced childhood sexual abuse in the community ✱ c) selected group of users eg nurses, volunteers d) no description of the derivation of the cohort</p> <p>2) <u>Selection of the non exposed cohort</u> a) drawn from the same community as the exposed cohort ✱ b) drawn from a different source c) no description of the derivation of the non exposed cohort</p> <p>3) <u>Ascertainment of exposure</u> a) secure record (eg surgical records) ✱ b) structured interview ✱ c) written self report d) no description</p> <p>4) <u>Demonstration that outcome of interest was not present at start of study</u> a) yes ✱ b) no</p>
<p>van den Brink et al. (2012)</p>	<p>Cohort **</p>
<p>Selection</p>	<p>1) <u>Representativeness of the exposed cohort</u> a) truly representative of the average _____ (describe) in the community ✱ b) somewhat representative of the average individual who experiences police contact due to mental health issue in the community ✱ c) selected group of users eg nurses, volunteers d) no description of the derivation of the cohort</p> <p>2) <u>Selection of the non exposed cohort</u> a) drawn from the same community as the exposed cohort ✱ b) drawn from a different source c) no description of the derivation of the non exposed cohort</p> <p>3) <u>Ascertainment of exposure</u> a) secure record (eg surgical records) ✱ b) structured interview ✱ c) written self report d) no description</p> <p>4) <u>Demonstration that outcome of interest was not present at start of study</u> a) yes ✱ b) no</p>

Walter et al. (2019)	Cohort ***
Selection	<p>1) <u>Representativeness of the exposed cohort</u> a) truly representative of the average individual who has been a psychiatric inpatient in the community * b) somewhat representative of the average _____ in the community *</p> <p>c) selected group of users eg nurses, volunteers d) no description of the derivation of the cohort</p> <p>2) <u>Selection of the non exposed cohort</u> a) drawn from the same community as the exposed cohort * b) drawn from a different source c) no description of the derivation of the non exposed cohort</p> <p>3) <u>Ascertainment of exposure</u> a) secure record (eg surgical records) * b) structured interview * c) written self report d) no description</p> <p>4) <u>Demonstration that outcome of interest was not present at start of study</u> a) yes * b) no</p>
Warren et al. (2008)	Cohort ***
Selection	<p>1) <u>Representativeness of the exposed cohort</u> a) truly representative of the average _____ (describe) in the community * b) somewhat representative of the average individual who makes a threat to kill in the community * c) selected group of users eg nurses, volunteers d) no description of the derivation of the cohort</p> <p>2) <u>Selection of the non exposed cohort</u> a) drawn from the same community as the exposed cohort * b) drawn from a different source c) no description of the derivation of the non exposed cohort</p> <p>3) <u>Ascertainment of exposure</u> a) secure record (eg surgical records) * b) structured interview * c) written self report d) no description</p> <p>4) <u>Demonstration that outcome of interest was not present at start of study</u> a) yes * b) no</p>