

## Supplemental material

eTable 1 – Assessment of the quality of the evidence using appraisal tool for cross-sectional studies (AXIS tool).

<b>Name</b>	<b>Kristensen et al. 2018</b>	<b>Renom-Guiteras et al. 2018</b>	<b>Oesterhus et al. 2017</b>	<b>Sönnerstam et al. 2017</b>	<b>Barry et al. 2016</b>	<b>Cross et al. 2016</b>	<b>Hanlon et al. 2015</b>	<b>Skoldunger et al. 2015</b>	<b>Tija et al. 2014</b>	<b>Bosboom et al. 2012</b>	<b>Montrastruc et al. 2012</b>	<b>Parsons et al. 2012</b>
Introduction												
1 Were the aims/objectives of the study clear?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Methods												
2 Was the study design appropriate for the stated aim(s)?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
3 Was the sample size justified?	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
4 Was the target/reference population clearly defined? (Is it clear who the research was about?)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

5 Was the sample frame taken from an appropriate population base so that it closely represented the target/reference population under investigation?	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	NO
6 Was the selection process likely to select subjects/participants that were representative of the target/reference population under investigation?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
7 Were measures undertaken to address and categorise non-responders?	NO	NO	NO	YES	NO	NO	YES	NO	NO	YES	NO	NO

8 Were the risk factor and outcome variables measured appropriate to the aims of the study?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
9 Were the risk factor and outcome variables measured correctly using instruments/measurements that had been trialled, piloted or published previously?	YES	YES	YES	NO	NO	YES	YES	YES	YES	YES	YES	NO
10 Is it clear what was used to determine statistical significance and/or precision estimates? (eg, p values, CIs)	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

11 Were the methods (including statistical methods) sufficiently described to enable them to be repeated?	YES	YES	YES	YES	YES	YES	NO	YES	YES	YES	YES	YES
Results												
12 Were the basic data adequately described?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
13 Does the response rate raise concerns about non-response bias?	NO	NO	NO	NO	NO	YES	NO	YES	NO	YES	YES	YES
14 If appropriate, was information about non-responders described?	N/A	NO	NO	YES	N/A	NO	N/A	YES	N/A	NO	NO	YES
15 Were the results internally consistent?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

16 Were the results for the analyses described in the methods, presented?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Discussion												
17 Were the authors' discussions and conclusions justified by the results?	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
18 Were the limitations of the study discussed?	YES	YES	YES	YES	YES	YES	YES	YES	YES	NO	YES	YES
Other												
19 Were there any funding sources or conflicts of interest that may affect the authors' interpretation of the results?	NO	NO	NO	NO	NO	NO	NO	NO	NO	YES	NO	YES
20 Was ethical approval or consent of	NO	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES

participants attained?												
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