**Supplementary material 1: Assessment of selected studies according to the JBI Critical Appraisal Checklist for Case Control Studies**

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| **Checklist Item** | [1] | [2] | [3] | [4] | [5] |
| 1-Were the groups comparable other than the presence of disease in cases or the absence of disease in controls? | X | X | X | X | X |
| 2-Were cases and controls matched appropriately? | X |  | X |  | X |
| 3-Were the same criteria used for identification of cases and controls? | X | X | X | X | X |
| 4-Was exposure measured in a standard, valid and reliable way? | X | X | X | X | X |
| 5-Was exposure measured in the same way for cases and controls? | X | X | X | X |  |
| 6-Were confounding factors identified?  | X | X |  | X | X |
| 7-Were strategies to deal with confounding factors stated? | X | X | NA | X |  |
| 8-Were outcomes assessed in a standard, valid and reliable way for cases and controls? | X | X | X | X | X |
| 9-Was the exposure period of interest long enough to be meaningful? |  |  |  |  |  |
| 10-Was appropriate statistical analysis used? | X | X | X | X | X |

[1] = Real, E. (2011); [2] = Rosso, G. (2012); [3] = Real, E. (2013); [4] = Real, E. (2016); [5] = Murayama, K. (2020)

x = item was assigned a yes; na = item was not applicable