**S2 Appendix. Quality Assessment Checklist (revised from Kmet, Lee & Cook, 2004).**

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| --- | --- | --- | --- | --- | --- |
|  | **Criteria** | **Yes (2)** | **Partial** **(1)** | **No (0)** | **N/A** |
| **1** | Question/objective sufficiently described? |  |  |  |  |
| **2** | Study design evident and appropriate? |  |  |  |  |
| **3** | Method of subject/comparison group selection or source of information/input variables described and appropriate? |  |  |  |  |
| **4** | Subject (and comparison group, if applicable) characteristics sufficiently described? |  |  |  |  |
| **5** | Outcome and (if applicable) exposure measure(s) well defined and robust to measurement/misclassification bias? Means of assessment reported? |  |  |  |  |
| **6** | Sample size appropriate? |  |  |  |  |
| **7** | Analytic methods described/justified and appropriate? |  |  |  |  |
| **8** | Some estimate of variance is reported for the main results? |  |  |  |  |
| **9** | Controlled for confounding? |  |  |  |  |
| **10** | Results reported in sufficient detail? |  |   |  |  |
| **11** | Conclusions supported by results? |  |  |  |  |