## Risk of bias table

Table 1: Appraisal of risk of bias in studies included in this systematic review. Components taken from Downes (2016)[50]; scores built following Boxberger and Reimers (2019)[51]

| Reference | Study | Introduction and aims | Study design | Sampling | Population | Sample Frame | Selection Process | Non-responders Measurement appropriate | Validated Instruments | Statistical significance | Replicability | Data Description | Response Rate | Non-Responders | Internal Consistency | Description of results | Discussion | Limitations | Funding | Ethics | Risk of bias |
|-----------|-------|-----------------------|--------------|----------|------------|--------------|------------------|--------------------------------------|----------------------|------------------------|--------------|------------------|---------------|----------------|----------------------------|------------------------|-----------|-------------|---------|--------|-------------|
| [84]      | Aguirre et al. (2005) | + | + | 0 | 0 | 0 | 0 | 0 | + | + | + | + | - | - | + | + | + | + | + | + | 0 | 0 | Medium |
| [85]      | Baird (2019) | + | + | + | + | + | - | 0 | + | + | + | + | - | - | + | + | + | + | + | + | 0 | + | Low |
| [67]      | Chen et al. (2018) | + | + | 0 | 0 | 0 | 0 | 0 | + | + | + | + | - | 0 | 0 | + | + | + | + | + | + | Low |
| [86]      | Fernández-Gutiérrez et al. (2019) | + | + | - | - | 0 | + | + | + | - | + | 0 | - | - | + | + | + | + | + | + | 0 | - | Medium |
| [87]      | Geltman et al. (2013) | + | 0 | 0 | 0 | 0 | 0 | 0 | + | + | + | 0 | 0 | + | + | + | + | + | + | + | + | Low |
| [58]      | Gibbs et al. (2018) | + | + | 0 | 0 | 0 | 0 | 0 | + | + | + | + | 0 | 0 | - | 0 | - | 0 | + | + | + | Low |
| [60]      | Guntzviller et al. (2017) | + | + | 0 | 0 | 0 | 0 | 0 | + | + | + | + | 0 | 0 | 0 | + | + | 0 | + | + | + | Medium |
| [88]      | Hahn et al. (2014) | + | + | 0 | 0 | - | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | Low |
| [61]      | Hall, Eleanor B. (2016) | + | + | 0 | 0 | 0 | 0 | 0 | + | + | + | + | 0 | 0 | 0 | + | + | + | + | + | + | Low |
| [89]      | Lubetkin et al. (2015) | + | + | 0 | 0 | - | 0 | 0 | + | + | + | + | 0 | + | + | + | + | + | + | + | + | Low |
| [68]      | Merchant et al. (2020) | + | + | + | + | + | 0 | + | + | + | 0 | 0 | 0 | + | + | + | + | + | + | + | + | Low |
| [69]      | Miranda et al. (2019) | + | + | + | + | + | + | 0 | + | + | + | + | + | + | + | + | + | + | + | + | + | Low |
| [70]      | Rayan-Gharra and Shadmi (2019) | + | + | 0 | 0 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | Low |
| [90]      | Sarkar et al. (2016) | 0 | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | 0 | - | Low |
| [62]      | Schaeffer et al. (2017) | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | + | - | Low |

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| Reference     | Study                                              | Introduction and aims | Study design | Sampling | Population | Frame | Selection | Process | Non- Responders | Measurement | Validated instruments | Statistical significance | Replicability | Data | Description | Response Rate | Non-Responders | Internal Consistency | Description of results | Discussion | Limitations | Funding | Ethics | Risk of bias |
|--------------|----------------------------------------------------|-----------------------|--------------|----------|------------|-------|-----------|---------|-----------------|-------------|-----------------------|------------------------|--------------|------|------------|-----------------|----------------|----------------------|------------------------|------------|-------------|---------|--------|-------------|
| [63]         | Smith et al. (2012)                               | +                     | +           | 0        | +          | 0     | +         | +       | +               | 0            | +                     | +                      | +            | +    | +          | +               | +             | +                   | +                      | +          |            | +       | +      | Medium      |
| [71]         | Song et al. (2018)                                | +                     | +           | 0        | +          | 0     | -         | +       | +               | +            | +                     | +                      | +            | +    | +          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |
| [92]         | Soto Mas et al. (2015)                            | +                     | +           | 0        | +          | 0     | +         | +       | +               | +            | 0                     | +                      | +            | +    | 0          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |
| [91]         | Soto Mas et al. (2017)                            | +                     | +           | 0        | +          | 0     | +         | +       | +               | +            | +                     | +                      | +            | +    | 0          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |
| [66]         | Sudore et al. (2018)                              | +                     | +           | +        | +          | +     | +         | +       | +               | +            | +                     | +                      | +            | +    | +          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |
| [72]         | Svendsen et al. (2020)                            | +                     | +           | +        | +          | +     | +         | +       | +               | +            | +                     | +                      | +            | +    | +          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |
| [64]         | Trubitt et al. (2018)                             | +                     | +           | 0        | +          | +     | +         | +       | +               | 0            | -                     | +                      | +            | +    | +          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |
| [65]         | van Rosse et al. (2014)                           | +                     | +           | +        | +          | +     | +         | +       | +               | +            | +                     | +                      | +            | +    | +          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |
| [93]         | Wangdahl et al. (2014)                            | +                     | +           | 0        | +          | 0     | +         | +       | +               | +            | +                     | +                      | +            | +    | +          | +               | +             | +                   | +                      | +          |            | +       | +      | Low        |

Notes: 1Study not included in meta-analysis. + Component fulfilled, - not fulfilled; 0 unclear.