S4 Table. Risk of biasa for papers reporting physical activity outcomes

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Paper** | **Selection Bias** | **Study Design** | **Confounders** | **Data collection methods** | **Withdrawal and dropouts** | **Analyses** | **Global score** |
| Ayvazoglu et al 201537 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |
| Boddy et al. 201539 | 2 | 3 | 1 | 1 | 3 | 1 | 3 |
| Bandini et al. 201325 | 2 | 3 | 1 | 3 | 2 | 1 | 3 |
| Dreyer Gillette et al. 201535 | 1 | 3 | 1 | 3 | 3 | 1 | 3 |
| MacDonald et al. 2011 33 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |
| Memari et al. 201226 | 2 | 3 | 1 | 1 | 1 | 1 | 2 |
| Memari et al. 201541 | 2 | 3 | 3 | 1 | 1 | 1 | 3 |
| Must et al. 201540 | 2 | 3 | 1 | 3 | 3 | 1 | 3 |
| Orsmond et al. 201128 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |
| Obrusnikova et al. 201127 | 3 | 2 | 3 | 1 | 2 | 1 | 3 |
| Pan et al, 200529 | 3 | 3 | 3 | 1 | 1 | 1 | 3 |
| Pan et al, 200630 | 2 | 3 | 3 | 2 | 3 | 1 | 3 |
| Pan et al, 201131 | 3 | 3 | 3 | 2 | 1 | 1 | 3 |
| Sandt et al. 200532 | 3 | 3 | 3 | 1 | 3 | 1 | 3 |
| Tatsumi et al., 201536 | 2 | 3 | 3 | 2 | 1 | 1 | 3 |
| Tyler et al. 201434 | 2 | 3 | 3 | 1 | 3 | 1 | 3 |
| Wachnob et al. 201538 | 3 | 3 | 3 | 3 | 1 | 1 | 3 |

a 1= strong quality/low risk of bias, 2 = moderate quality/risk of bias, 3= weak quality/high risk of bias