**Evidence Table 50b. Weight related outcomes for combined diet physical activity intervention studies taking place in a childcare only setting, by subgroup**

| Bibliography | Arm | Subgroup | Baseline N | Baseline measure, mean (SD) | First followup timepoint in weeks | N at first followup | First followup measure, mean (SD) | Mean change from baseline (SD) | Second followup timepoint in weeks | N Second followup | Second followup measure, mean (SD) | Mean change from baseline (SD) | Final measure timepoint | N at final measure | Final followup measure, mean (SD) | Mean Change from baseline (SD) | Measure of association |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| BMI  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Metcalf, 20124 Burgi, 20125 | 1 | Migrant | 310 | 15.8 (1.7)  | 47 | 292 | 15.9 (1.7) |   |   |   |   |   |   |   |   |   | NR |
|  Metcalf, 20124 Burgi, 20125 | 2 | Migrant | 342 | 15.8 (1.5)  | 47 | 333 | 15.9 (1.6)  |   |   |   |   |   |   |   |   |   |  |
|  Metcalf, 20124 Burgi, 20125 | 1 | Non Migrant | 310 | 15.8 (1.4) | 47 | 292 |  15.7 (1.3)  |   |   |   |   |   |   |   |   |   |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | Non Migrant | 342 |  15.4 (1.2)  | 47 | 333 |  15.3 (1.2)  |   |   |   |   |   |   |   |   |   | Differences between intervention and control, after adjustment=-0.10 (95% CI -0.35-0.14) p-value = 0.402 |
|  Metcalf, 20124 Burgi, 20125 | 1 | MED/HIGH EDU | 310 |  15.8 (1.5)  | 47 | 292 |  15.8 (1.6)  |  |   |   |   |   |   |   |   |   |   |
|  Metcalf, 20124 Burgi, 20125 | 2 | MED/HIGH EDU | 342 |  15.6 (1.3)  | 47 | 333 |  15.5 (1.4)  |  |   |   |   |   |   |   |   |   | Differences between intervention and control, after adjustment=-0.11 (95% CI -0.29-0.08) p-value = 0.235 |
|  Metcalf, 20124 Burgi, 20125 | 1 | LOW EDU | 310 |  15.8 (1.9)  | 47 | 292 |  16.0 (1.9)  |   |   |   |   |   |   |   |   |   |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | LOW EDU | 342 |  15.8, (1.6)  | 47 | 333 |  16.0 (1.6)  |   |   |   |   |   |   |   |   |   | Difference between intervention and control after adjustment=-0.04 (95% CI -0.15-0.23) p-value = 0.677 |
| Percent body fat |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Metcalf, 20124 Burgi, 20125 | 1 | Migrants | 310 |  24.0 (6.9)  | 47 | 292 |  24.6 (7.0)  |   |   |   |   |   |   |   |   |   |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | Migrants | 342 |  24.3%, (6.4)  |   | 333 |  24.0%(6.9)  |   |   |   |   |   |   |   |   |   | Difference between intervention and control after adjustment, se=-1.14 (95% CI -2.06- -0.22) p=0.015 |
|  Metcalf, 20124 Burgi, 20125 | 1 | Non-migrant | 310 |  22.1%(6.0)  | 47 | 292 |  21.1(5.0)  |  |   |   |   |   |   |   |   |   |   |
|  Metcalf, 20124 Burgi, 20125 | 2 | Non-migrant | 342 |  22.4%, (5.7)  |   | 333 |  22.4(4.8)  |  |   |   |   |   |   |   |   |   |  Difference between intervention and control after adjustment, se=-1.42 (95% CI -2.54- -0.30) p=0.013 |
|  Metcalf, 20124 Burgi, 20125 | 1 | Med/High edu | 310 |  23.2(6.6)  | 47 | 292 |  23.6(6.7)  |   |   |   |   |   |   |   |   |   |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | Med/High edu | 342 |  23.3, (5.9)  |   | 333 |  22.4(5.8)  |   |   |   |   |   |   |   |   |   | Difference between intervention and control after adjustment, se=-1.29 (95% CI -2.33- -0.26) p=0.015 |
|  Metcalf, 20124 Burgi, 20125 | 1 | Low Edu | 310 |  24.3(6.9)  | 47 | 292 |  54.7(5.3)  |   |   |   |   |   |  |   |   |   |   |
|  Metcalf, 20124 Burgi, 20125 | 2 | Low Edu | 342 |  24.3, (6.9)  |   | 333 |  53.5(4.5)  |   |   |   |   |   |  |   |   |   |  Difference between intervention and control after adjustment, se=-0.43 (95% CI -1.63- 0.77) p=0.486 |
| Waist circ (cm) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  Metcalf, 20124 Burgi, 20125 | 1 | Migrant | 310 |  53.0(4.4)  | 47 | 292 |  54.6(5.0)  |   |   |   |   |   |   |   |   |  |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | Migrant | 342 |  53.3, (4.5)  |   | 333 |  53.8(4.5)  |   |   |   |   |   |   |   |   |  | Differences between intervention and control after adjustment, se= -1.02 (95% CI -1.69 - -0.36) p=0.003 |
|  Metcalf, 20124 Burgi, 20125 | 1 | Non-migrant | 310 |  52.1(3.4)  | 47 | 292 |  53.3(4.0)  |   |   |   |   |   |   |   |   |  |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | Non-migrant | 342 |  51.9, (3.2)  |   | 333 |  52.2(2.9)  |   |   |   |   |   |   |   |   |  | Differences between intervention and control after adjustment, se= -0.86 (95% CI -1.52 - -0.21) p=0.010 |
|  Metcalf, 20124 Burgi, 20125 | 1 | Med/High education | 310 |  52.8(4.2)  | 47 | 292 |  54.3(4.9)  |   |   |   |   |   |   |   |   |  |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | Med/High education | 342 |  52.7, (3.9)  |   | 333 |  53.2(3.9)  |   |   |   |   |   |   |   |   |  | Differences between intervention and control after adjustment, se= -0.87 (95% CI -1.46 - -0.27) p=0.004 |
|  Metcalf, 20124 Burgi, 20125 | 1 | Low education | 310 |  53.2(4.4)  | 47 | 292 |  54.7(5.3)  |   |   |   |   |   |   |   |   |  |  |
|  Metcalf, 20124 Burgi, 20125 | 2 | Low education | 342 |  53.1, (4.7)  |   | 333 |  53.5(4.5)  |   |   |   |   |   |   |   |   |  | Differences between intervention and control after adjustment, se= -1.10 (95% CI -2.0 - -0.20) p=0.017 |

\* Correlation between change in diet self-monitoring (GO foods)

† Correlation between change in diet self-monitoring (WHOA foods)

‡ Correlation between change in exercise self monitoring component of intervention