**Evidence Table 23d. Intermediate outcomes for combination diet and physical activity intervention studies taking place in a school setting with community components**

| **Author, Year** | **Arm** | **Baseline N** | **Baseline measure, mean (SD)** | **Final measure timepoint** | **N at final measure** | **Final follow up measure, mean (SD)** | **Mean Change from baseline (SD)** | **Measure of association** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Fruits and Vegetables** |  |  |  |  |  |  |  |  |
| Crespo, 20121 | 1 | 223 | 1.80 (2.72) | 104 weeks | 137 | 2.27 (2.64) | 0.47 |  |
| 2 | 163 | 1.89 (2.66) | 104 weeks | 83 | 2.31 (2.86) | 0.42 |  |
| 3 | 2126 | 1.69 (2.45) | 104 weeks | 128 | 1.84 (2.03) | 0.15 |  |
| 4 | 194 | 1.90 (3.19) | 104 weeks | 97 | 2.22 (2.85) | 0.32 |  |
| **SSB** |  |  |  |  |  |  |  |  |
| Crespo, 20121 | 1 | 223 | 0.88 (1.65) | 104 weeks | 137 | 0.39 (0.97) | -0.49 |  |
| 2 | 163 | 0.88 (1.59) | 104 weeks | 83 | 0.56 (1.26) | -0.32 |  |
| 3 | 2126 | 0.83 (1.71) | 104 weeks | 128 | 1.25 (0.39) | 0.42 |  |
| 4 | 194 | 0.78 (1.37) | 104 weeks | 97 | 2.69 (1.95) | 1.91 |  |
| Utter, 20117 | 1 | 953 | 16.6; 95% CI 13.8, 19.4) | 156 weeks | 589 | 17.5; 95% CI (14.4, 20.6) | 0.90 | P = 0.42 |
| 2 | 681 | 20.4; 95% CI (17.9, 23.0) | 156 weeks | 1023 | 14.2; 95% CI (12.0, 16.3) | 6.20 | P = 0.42 |
| **Snacks** |  |  |  |  |  |  |  |  |
| Crespo, 20121 | 1 | 223 | 1.51 (3.48) | 104 weeks | 137 | 1.04 (2.54) | -0.47 |  |
| 2 | 163 | 1.74 (3.81) | 104 weeks | 83 | 1.64 (4.87) | 0.90 |  |
| 3 | 2126 | 1.39 (3.47) | 104 weeks | 128 | 1.02 (2.59) | -0.37 |  |
| 4 | 194 | 1.39 (2.85) | 104 weeks | 97 | 0.95 (3.16) | -0.44 |  |
| **Sugar consumption index** |  |  |  |  |  |  |  |  |
| Macaulay, 19972 | 1 | 140 | 2.18 (SE 0.25) | 104 | 119 | 1.72 (SE 0.22) |  | F(1150)<1 |
| 2 | 394 | 2.34 (SE 0.15) | 416 | 338 | 1.99 (SE 0.12) |  |  |
| **Fat consumption index** |  |  |  |  |  |  |  |  |
| Macaulay, 19972 | 1 | 140 | 1.16 (SE 0.13) | 104 | 119 | 1.17 (SE 0.15) |  | F(1154)<1 |
| 2 | 394 | 1.30 (SE 0.08) | 416 | 338 | 1.18 (SE 0.09) |  |  |
| **Fruit and vegetable consumption index** |  |  |  |  |  |  |  |  |
| Macaulay, 19972 | 1 | 140 | 3.28 (SE 0.27) | 104 | 119 | 3.57 (SE 0.27) |  | F(1130) = 1.12 |
| 2 | 394 | 3.05 (SE 0.16) | 416 | 338 | 2.91 (SE 0.15) |  |  |
| **Healthiness of school canteen (% reporting mostly healthy)** |  |  |  |  |  |  |  |  |
| Utter, 20117 | 1 | 953 | 35.8; 95% CI (32.2, 39.4) | 156 weeks | 589 | 38.2; 95% CI (34.3, 42.1) | 2.40 | P =0.07 |
| 2 | 681 | 26.6; 95% CI (23.7, 29.4) | 156 weeks | 1023 | 25.5; 95% CI (22.8, 28.2) | -1.10 | P =0.07 |
| **Physical Activity** |  |  |  |  |  |  |  |  |
| Crespo, 20121 | 1 | 223 | 3.00 (0.90) | 104 weeks | 137 | 3.28 (0.89) | 0.28 |  |
| 2 | 163 | 2.98 (0.81) | 104 weeks | 83 | 3.15 (0.80) | 0.17 |  |
| 3 | 2126 | 2.97 (0.91) | 104 weeks | 128 | 3.06 (0.91) | 0.09 |  |
| 4 | 194 | 3.11 (0.85) | 104 weeks | 97 | 3.41 (0.84) | 0.30 |  |
| **Sports, total sports participated in last year** |  |  |  |  |  |  |  |  |
| Crespo, 20121 | 1 | 223 | 1.05 (1.10) | 104 weeks | 137 | 2.05 (1.36) | 1.00 |  |
| 2 | 163 | 0.65 (0.85) | 104 weeks | 83 | 1.92 (1.01) | 1.27 |  |
| 3 | 2126 | 0.92 (0.97) | 104 weeks | 128 | 1.49 (1.04) | 0.57 |  |
| 4 | 194 | 0.70 (0.98) | 104 weeks | 97 | 1.81 (1.50) | 1.11 |  |
| **Physical Activity frequency (# of 15min episodes in last 7 days)** |  |  |  |  |  |  |  |  |
| Macaulay, 19972 | 1 | 140 | 17.64 (SE1.95) | 104 | 119 | 22.14 (SE 2.68) |  | F(1212)<1 |
| 2 | 394 | 20.58 (SE 1.08) | 416 | 338 | 22.27 (SE 0.96) |  |  |
| **Lunch-time activity (% yes)** |  |  |  |  |  |  |  |  |
| Utter, 20117 | 1 | 953 | 34.2; 95% CI (30.6, 37.7) | 156 weeks | 589 | 31.2; 95% CI (27.5, 35.0) | -3.00 | P =0.57 |
| 2 | 681 | 39.8; 95% CI (26.9, 32.7 | 156 weeks | 1023 | 31.7; 95% CI (28.8, 34.5) | -8.10 | P =0.57 |
| **After-school activity (% doing any in past 5 days)** |  |  |  |  |  |  |  |  |
| Utter, 20117 | 1 | 953 | 83.1; 95% CI (80.2, 85.9) | 156 weeks | 589 | 81.5; 95% CI (78.4, 84.6) | -1.60 | P = 0.65 |
| 2 | 681 | 83.5; 95% CI (81.1, 85.8) | 156 weeks | 1023 | 81.9; 95% CI (79.6, 84.3) | -1.60 | P = 0.65 |
| **TV Viewing** |  |  |  |  |  |  |  |  |
| Crespo, 20121 | 1 | 223 | 2.10 (1.21) | 104 weeks | 137 | 2.09 (1.22) | -0.01 |  |
| 2 | 163 | 2.05 (1.22) | 104 weeks | 83 | 1.76 (0.94) | -0.29 |  |
| 3 | 2126 | 2.10 (1.23) | 104 weeks | 128 | 2.04 (1.22) | -0.06 |  |
| 4 | 194 | 2.21 (1.29) | 104 weeks | 97 | 1.69 (0.97) | -0.52 |  |
| **TV use (% using on all of past 5 days)** |  |  |  |  |  |  |  |  |
| Utter, 20117 | 1 | 953 | 40.4; 95% CI (36.7, 44.0) | 156 weeks | 589 | 38.5; 95% CI (34.6, 42.5) | -1.90 | P =0.09 |
| 2 | 681 | 41.9; 95% CI (38.8, 45.0) | 156 weeks | 1023 | 33.9; 95% CI (31.0, 36.8) | -8.00 | P =0.09 |
| **Television watching on Saturdays** |  |  |  |  |  |  |  |  |
| Macaulay, 19972 | 1 | 140 | 2.97 (SE 0.09) | 104 | 119 | 2.88 (SE 0.10) |  | F(1189) = 1.34 |
| 2 | 394 | 2.93 (SE 0.05) | 416 | 338 | 2.99 (SE 0.05) |  |  |
| **Television watching on school days** |  |  |  |  |  |  |  |  |
| Macaulay, 19972 | 1 | 140 | 2.78 (SE 0.13) | 104 | 119 | 2.58 (SE 0.14) |  | F(1189) = 2.67 |
| 2 | 394 | 2.48 (SE 0.08) | 416 | 338 | 2.66 (SE 0.08) |  |  |

BMI = Body Mass Index; N = Sample Size; P = p-value; SD = Standard Deviation; SSB = Sugar Sweetened Beverages; SE = Sample Error; CI = Confidence Interval; F = F test value