|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary File 3.** Change in outcome variables compared to baseline within groups and between groups | | | | | | | |
|  |  | **Experimental** | **p-value** | **Control** | **p-value** | **Between group differences** | **p-value** | |
| **Child calcium intake** | **Week 8** | 194.96 (68.26, 321.66) | **<.001** | 159.87 (42.64, 277.11) | **.002** | 29.76 (-87.78, 147.31) | .62 | |
| **Week 32** | 154.16 (12.89, 295.44) | **.024** | 192.54 (61.26, 323.81) | **.001** | -43.88 (-178.34, 90.59) | .52 | |
| **Week 52** | 199.34 (43.66, 354.99) | **.005** | 193.43 (48.10, 338.77 | **.003** | 0.42 (-150.06, 150.90) | .97 | |
| **Child calcium intake from dairy** | **Week 8** | 166.46 (54.28, 278.65) | **.001** | 144.35 (28.10, 260.59) | **.007** | -25.25 (-132.16, 81.65) | .64 | |
| **Week 32** | 84.48 (-42.42, 211.38) | .47 | 144.35 (28.10, 260.59) | **.007** | -106.11 (-16.09, 228.30) | .09 | |
| **Week 52** | 194.10 (52.29, 335.91) | **.002** | 174.67 (45.86, 303.49) | **.002** | -26.81 (-110.45, 164.07) | .70 | |
| **Adult calcium intake** | **Week 8** | 133.26 (4.71, 261.81) | **.04** | 43.00 (-74.11, 160.11) | 1.00 | 126.60 (3.003, 250.192) | **.05** | |
| **Week 32** | 124.55 (-20.95, 270.05) | .14 | 78.83 (-53.31, 210.96) | .69 | 82.06 (-59.13, 223.26) | .25 | |
| **Week 52** | 137.64 (-22.83, 298.11) | .14 | 95.83 (-50.15, 241.82) | .49 | 78.14 (-78.60, 234.89) | .33 | |
| **Adult calcium intake from dairy** | **Week 8** | 144.89 (32.41, 257.38) | **.004** | 35.51 (-67.86, 138.88) | 1.00 | 60.14 (-39.27, 159.55) | .24 | |
| **Week 32** | 82.19 (-44.63, 209.02) | .52 | 10.26 (-107.15, 127.67) | 1.00 | 22.70 (-93.47, 138.86) | .70 | |
| **Week 52** | 121.73 (-21.27, 264.73) | .15 | 65.65 (-62.19, 193.49) | 1.00 | 6.84 (-124.90. 138.58) | .92 | |
| **Dairy purchasing\*** | **Week 8** | .02 (-.13, .18) | 1.00 | -.03 (-.17, .12) | 1.00 | 0.14 (.004, .268) | **.04** | |
| **Week 32** | .004 (-.17, .18) | 1.00 | -.07 (-.23, .08) | 1.00 | 0.17 (.01, .32) | **.04** | |
| **Week 52** | .015 (-.19, .22) | 1.00 | .006 (-.18, .19) | 1.00 | 0.09 (-.09, .28) | .29 | |
| **OE for adult calcium consumption** | **Week 8** | .40 (.008, .78) | **.04** | .60 (.21, .98) | **< .001** | .06 (-.35, .46) | .79 | |
| **Week 32** | .63 (.18, 1.07) | **.001** | .67 (.23, 1.12) | **<.001** | .21 (-.67, .25) | .38 | |
| **Week 52** | .65 (.15, 1.14) | **.004** | .80 (.30, 1.30) | **<.001** | .10 (-.42, .62) | .70 | |
| **OE for children consumption of calcium** | **Week 8** | .47 (-.03, .97) | .07 | .77 (.32, 1.21) | **<.001** | .06 (-.46, .57) | .83 | |
| **Week 32** | .68 (.13, 1.23) | **.007** | .66 (.16, 1.16) | **.003** | .37 (-.20, .94) | .20 | |
| **Week 52** | .63 (.004, 1.26) | **.047** | .82 (.24, 1.39) | **.001** | .17 (-.47, .81) | .60 | |
| **Self-regulatory efficacy for calcium consumption** | **Week 8** | 2.55 (-1.84, 6.93) | .75 | 2.07 (-1.92, 6.06) | 1.00 | 2.55 (-2.36, 7.46) | .31 | |
| **Week 32** | 1.05 (-3.83, 5.92) | 1.00 | 3.97 (-.50, 8.44) | .11 | -.85 (-6.23, 4.53) | .76 | |
| **Week 52** | 4.90 (-.68, 10.49) | .12 | 5.99 (.93, 11.05) | **.01** | .98 (-5.0, 7.00) | .75 | |
| **Self-regulatory efficacy for purchasing calcium** | **Week 8** | 6.55 (1.10, 11.99) | **.01** | 1.28 (-3.65, 6.20) | 1.00 | 4.99 (-.66, 10.63) | .08 | |
| **Week 32** | 3.36 (-2.68, 9.39) | .85 | .80 (-4.74, 6.33) | 1.00 | 2.27 (-4.00, 8.54) | .48 | |
| **Week 52** | 7.57 (.66, 14.49) | **.02** | 5.66 (-.61, 11.93) | .10 | 1.63 (-5.46, 8.72) | .65 | |
| **Social support** | **Week 8** | 3.15 (1.34, 4.96) | **<.001** | 3.54 (1.92, 5.16) | **<.001** | .78 (-1.10, 2.67) | .42 | |
| **Week 32** | 3.15 (1.16, 5.15) | **<.001** | 3.70 (1.88, 5.53) | **<001** | .62 (-1.46, 2.71) | .56 | |
| **Week 52** | 4.71 (2.43, 7.00) | **<.001** | 5.38 (3.31, 7.45) | **<.001** | .51 (-1.85, 2.86) | .67 | |
| **Role modelling** | **Week 8** | .80 (-.31, 1.92) | **.34** | 1.10 (.10, 2.09) | **.02** | .16 (-.89, 1.21) | .76 | |
| **Week 32** | 2.20 (.98, 3.42) | **<.001** | 1.42 (.31, 2.54) | **.005** | 1.24 (.06, 2.42) | **.04** | |
| **Week 52** | 2.09 (.70, 3.48) | **.001** | 1.88 (.62, 3.15) | **.001** | .66 (-.69, 2.01) | .34 | |

All values are estimated change (95% CI), \* Represent log transformed values, OE = outcome expectations