Supplementary Table 1: Interventional impact of the Toybox study on energy related behaviours (ERBRs) and mean process evaluation score (PES) for teachers and guardians.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ERBR** | **Interventional impact** | **Time\*Group (β)** | **PES teacher** | **PES guardian** |
| Water Consumption1 | Pre-packaged fruit juice | -23.5 | 16.3±5.4 /30 | 9.5±5.3 /18 |
| Snacking Behaviour2 | None |  | 14.58±3.70 /24 | 8.50±4.39 /17 |
| Sedentary Behaviour3 | Computer/video games use – weekday | -3.40 | 15.58 ±5.53 /24 | 8.67±5.50 /17 |
|  | Computer/video games use - weekend | -5.97 |
| Physical Activity4 | None |  | 13.49±2.56 /26 | 6.90±3.50 /17 |

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2. De Craemer M, Verbestel V, Verloigne M, Androutsos O, Moreno L, Iotova V, Koletzko B, Socha P, Manios Y, Cardon G. Combining effect and process evaluation on European preschool children’s snacking behavior in a kindergarten-based, family-involved cluster randomized controlled trial: the ToyBox study. International journal of environmental research and public health. 2020 Jan;17(19):7312.
3. Latomme J, Cardon G, De Bourdeaudhuij I, et al. Effect and process evaluation of a kindergarten-based, family-involved intervention with a randomized cluster design on sedentary behaviour in 4- to 6- year old European preschool children: The ToyBox-study. PLoS ONE. 2017;12(4):e0172730.
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Supplementary Table 2: Included municipalities breakdown by country and socio-economic status.

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| --- | --- | --- | --- | --- |
| **Country** | **Total** | **Low SES** | **Medium SES** | **High SES** |
| Belgium | 17 | 5 | 7 | 5 |
| Bulgaria | 34 | 6 | 13 | 15 |
| Germany | 9 | 3 | 3 | 3 |
| Greece | 27 | 11 | 8 | 8 |
| Poland | 15 | 5 | 5 | 5 |
| Spain | 32 | 12 | 12 | 8 |