**SUPPLEMENTARY TABLE 1. Comparison of general characteristics of main analysis sample with information of the RA *L. reuteri* and Fructose intake and individuals without information1**

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| --- | --- | --- | --- | --- | --- |
| Variables | Main analysis sample  (n=1,087) |  | Sample losses (n= 309) |  | *P* value\* |
| Age, *y* | 9.43±1.77 |  | 9.62±1.81 |  | 0.08 |
| Girls, % | 44.71 |  | 57.28 |  | <0.0001 |
| Leisure time physical activity, MET | 444.13±394.80 |  | 428.38±400.36 |  | 0.55 |
| Family history of obesity, % | 54.97 |  | 47.73 |  | 0.02 |
| Fructose contribution, % | 4.18±1.55 |  | 4.19±1.55 |  | 0.87 |
| Overweight, % | 26.40 |  | 20.70 |  | 0.05 |
| Obese, % | 26.68 |  | 24.75 |  | 0.06 |

1 Original to this manuscript.

2 Values are means ± SD or percentages; MET, Metabolic Equivalent of Task; RA, relative abundance. \* Student’s *t* test or Chi square for continuous or categorical variables, respectively, *p-value*