**Supplementary material 1.** Sociodemographic characteristics of the French general population, the NutriNet-Santé cohort and the present study population

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | French population\*N= 48 730 086 | Overall NutriNet-Santé cohortN=123 984 | Study populationN=42 113 | p-value1 | p-value2 |
| Sex Female Male | 52.4%47.6% | 78.0%22.0% | 76.0%24.0% | <0.0001 | <0.0001 |
| Age ≤ 50 years  >50 years  | 53.4%46.6% | 59.9%40.1% | 43.6%56.4% | <0.0001 | <0.0001 |
| Educational level ≤12 y of schooling >12 y of schooling | 75.1%24.9% | 38.5%61.5% | 36.9%63.1% | <0.0001 | <0.0001 |

\*National Institute of Statistics and Economic Studies (INSEE), 2014

1P value for the comparison between the present study population and the general French adult population, by Chi-square test

2 P value for the comparison between the present study population and the overall NutriNet-Santé cohort, by Chi-square test