**Supplementary Table 2** – Association between polymorphisms (rs62048379) and phenotypes according to dietary intake. Salvador. Bahia. Brazil. 2004-2005.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Phenotypes** | | **OR** | **95%CI** | **p-interaction** |
| **Protein, % energy** | |  |  |  |  |
| ≥median | |  |  |  | **0.01** |
|  | | Excess weight | 2.00 | 1.05-3.82 |  |
|  | | Gender (female) | 1.25 | 0.71-2.19 |  |
|  | | Age (8-11years) | 0.99 | 0.69-1.42 |  |
|  | | PC1 | 0.88 | 2.85x10-5-7121 |  |
|  | | PC2 | 0.57 | 5.47x10-5-5712 |  |
|  | | PC3 | 0.01 | 3.34x10-8-11.69 |  |
|  | |  |  |  |  |
| < median | |  |  |  |  |
|  | | Excess weight | 1.32 | 0.71-2.45 |  |
|  | | Gender (female) | 1.03 | 0.62-1.70 |  |
|  | | Age (8-11years) | 1.29 | 0.93-1.80 |  |
|  | | PC1 | 11.22 | 0.13-9.6x104 |  |
|  | | PC2 | 7.49 | 8.5x10-4-6.6x104 |  |
|  | | PC3 | 0.06 | 7.7x10-6-470 |  |
|  | | | | | |
| **PUFA/SFA intake ratio** | | **Phenotypes** | **OR** | **95%CI** | **p-interaction** |
| ≥median | | Excess weight | 0.87 | 0.43-1.72 | 0.01 |
|  | | Gender (female) | 0.89 | 0.52-1.49 |  |
|  | | Age (8-11years) | 1.20 | 0.85-1.69 |  |
|  | | PC1 | 11.00 | 0.001-1.12x105 |  |
|  | | PC2 | 7.90 | 0.001-5.14x104 |  |
|  | | PC3 | 0.01 | 1.05x10-7-3.58 |  |
| < median | |  |  |  |  |
|  | | Excess weight | 1.64 | 1.05-2.55 |  |
|  | | Gender (female) | 1.11 | 0.77-1.61 |  |
|  | | Age (8-11years) | 1.16 | 0.90-1.47 |  |
|  | | PC1 | 26.14 | 0.04-1.88x104 |  |
|  | | PC2 | 2.87 | 4x10-3-1746 |  |
|  | | PC3 | 0.02 | 2.51x10-5-11.23 |  |