**Supplementary Table 1** – Selected characteristics of 326 cases of pancreatic cancers and 652 controls according to quartiles\* of branched-chain amino acid (BCAA) intakes (Italy, 1991-2008).

|  |  |  |
| --- | --- | --- |
| **Characteristics** | Cases | Controls |
| *Quartiles of BCAA intake (g/d)* | I | II | III | IV | I | II | III | IV |
| *Median* *(IQR)* | 10.4(9.1-11.2) | 13.5(13.0-14.2) | 16.2(15.6-17.1) | 21.6(19.4-24.5) | 10.4(9.1-11.2) | 13.6(12.9-14.1) | 16.115.7-17.1) | 20.5(19.1-22.5) |
| Sex (% women) | 66.1 | 60.3 | 40.7 | 30.5 | 66.1 | 49.1 | 45.4 | 30.7 |
| Age (mean, years) | 64.4 | 62.3 | 61.1 | 61.1 | 64.4 | 62.4 | 62.4 | 59.7 |
| High education level† (%) | 14.8 | 23.3 | 20.0 | 27.6 | 14.8 | 19.6 | 17.2 | 14.1 |
| BMI (mean, kg/m2) | 24.5 | 25.2 | 26.0 | 27.3 | 24.5 | 25.9 | 26.6 | 26.2 |
| History of diabetes‡  (%) | 11.3 | 15.1 | 15.1 | 15.2 | 11.3 | 5.5 | 4.9 | 7.4 |
| Current smokers (%) | 22.6 | 25.0 | 41.9 | 31.1 | 22.6 | 22.2 | 18.6 | 22.9 |
| Ever drinkers (%) | 73.8 | 83.6 | 88.2 | 96.1 | 73.8 | 81.6 | 90.8 | 90.2 |
| Energy intake (mean, kcal/day) | 1600 | 2060 | 2464 | 3250 | 1600 | 2073 | 2504 | 3172 |

\* Computed among controls;

† More than 11 years of education;

‡ History of diabetes one year before cancer diagnosis.