**S2 Table.** Mean BMD by tertiles of fruit and vegetables intake.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 　BMD | T1（n=1029） |  | T2（n=1031） |  | T3（n=1029） |  | Difference |  | ANOVA |
| g/cm2 | Mean | SD | 　 | Mean | SD | 　 | Mean | SD | 　 | Abs. | % | 　 | *P* difference | *P* trend |
| *Total fruit and vegetable intake* | 　 | 　 | 　 | 　 | 　 | 　 | 　 |  |  | 　 | 　 | 　 |
| Whole body | 1.091  | 0.120  |  | 1.101  | 0.113 |  | 1.107  | 0.114\*\* |  | 0.016 | 1.47  |  | **0.008**  | **0.002**  |
| Spine (L1–L4) | 0.874  | 0.158 |  | 0.888 | 0.153  |  | 0.894  | 0.151\*\*  |  | 0.020 | 2.29  |  | **0.011**  | **0.003**  |
| Total hip | 0.820 | 0.126 |  | 0.833 | 0.121 |  | 0.841 | 0.117\*\*\* |  | 0.021 | 2.56  |  | **<0.001** | **<0.001** |
| Femoral neck | 0.681 | 0.114 |  | 0.689 | 0.113 |  | 0.690 | 0.112\*\* |  | 0.017 | 2.50  |  | **0.002** | **<0.001** |
| *Fruit intake* |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Whole body | 1.093 | 0.117  |  | 1.097 | 0.116 |  | 1.109 | 0.115\*\* |  | 0.016 | 1.46  |  | **0.004** | **0.002** |
| Spine (L1–L4) | 0.875 | 0.157 |  | 0.887 | 0.155  |  | 0.894 | 0.151\* |  | 0.018 | 2.06  |  | **0.025** | **0.007** |
| Total hip | 0.823 | 0.124 |  | 0.829 | 0.120 |  | 0.843 | 0.120\*\*,# |  | 0.020 | 2.43  |  | **0.001** | **<0.001** |
| Femoral neck | 0.681  | 0.112 |  | 0.688  | 0.111 |  | 0.700  | 0.112\*\*\* |  | 0.019 | 2.79  |  | **0.001** | **<0.001** |
| *Vegetable intake* |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Whole body | 1.099  | 0.118  |  | 1.097  | 0.115 |  | 1.103  | 0.116 |  | 0.005 | 0.45  |  | 0.445 | 0.363  |
| Spine (L1–L4) | 0.881  | 0.154 |  | 0.883  | 0.156  |  | 0.892  | 0.152  |  | 0.011 | 1.25  |  | 0.197 | 0.095 |
| Total hip | 0.827  | 0.125 |  | 0.828  | 0.119 |  | 0.840  | 0.120\* |  | 0.013 | 1.57  |  | **0.029** | **0.016** |
| Femoral neck | 0.686  | 0.114 |  | 0.687  | 0.111 |  | 0.696  | 0.110 |  | 0.010 | 1.46  |  | 0.098 | **0.048** |

BMD, bone mineral density; ANOVA, analysis of variance.

Compared with tertile 1:\* *P*<0.05; \*\* *P*<0.01; \*\*\**P*<0.001

Compared with tertile 2:# *P*<0.05