Supplementary file 2. Spearman Rank Order Correlation (r) of food and beverages between NORDIET-FFQ and WR, all participants in total and stratified by gender

|  |  |  |  |
| --- | --- | --- | --- |
| **Single food questions in NORDIET-FFQa** | **Total** | **Men** | **Women** |
| **Fruit and berries, g/d** | **r** | **r** | **r** |
| Fruitb | 0.43\* | 0.48\* | 0.43\* |
| Berries | 0.46\* | 0.40\* | 0.53\* |
| Dried fruit | 0.51\* | 0.41\* | 0.54\* |
| **Vegetables, g/d** |
| Garlic | 0.36\* | 0.26 | 0.45\* |
| Onion | 0.42\* | 0.44\* | 0.36 |
| Tomato | 0.43\* | 0.45\* | 0.34 |
| Tomato sauce | 0.15 | 0.35\* | -0.05 |
| Mixed salad | 0.26 | 0.21 | 0.30 |
| Other vegetables | 0.20 | 0.07 | 0.33 |
| **Nuts, g/d** |
| Nuts (salted + unsalted) | 0.40\* | 0.31\* | 0.49\* |
| Salted nuts | 0.25 | 0.12 | 0.48\* |
| **Cereals (g/d)** |
| Sweetened cereals (25-50% wholegrain) | 0.26 | 0.38 | ----- |
| Unsweetened cereals (75-100% wholegrain) | 0.55\* | 0.46\* | 0.58\* |
| **Beverages (g/d)** |
| Beverages, no added sugar | 0.40 | 0.39\* | 0.37\* |
| Juice | 0.65\* | 0.66\* | 0.62\* |
| Low fat milk | 0.78\* | 0.82\* | 0.75\* |
| Whole milk | 0.57\* | 0.58\* | 0.58\* |
| Filtered coffee | 0.56\* | 0.41\* | 0.76\* |
| Other coffee (espresso, etc) | 0.40 | 0.46\* | 0.39 |
| Tea | 0.82\* | 0.91\* | 0.74\* |
| Beer with alcohol, g/d | 0.57\* | 0.69\* | 0.26 |
| Wine with alcohol, g/d | 0.52\* | 0.55\* | 0.52\* |
| Liquor, g/d | 0.81\* | 0.82\* | 0.78\* |
| **Cakes, dessert, candy (g/d)** |
| Cakes | 0.34\* | 0.33 | 0.35 |
| Dessert | 0.46\* | 0.37 | 0.55\* |
| Candy | 0.42\* | 0.31 | 0.63\* |
| Chips | 0.60\* | 0.56\* | 0.65\* |
| **Bread (g/d)** |
| Bread (60 % cereals) with 0-25 % wholemeal flour | 0.19 | 0.22 | 0.13 |
| Bread (60 % cereals) with 25-50% wholemeal flour | 0.21 | 0.22 | 0.04 |
| Bread (60 % cereals) with 50-75 wholemeal flour | 0.51\* | 0.57\* | 0.45\* |
| Bread (60 % cereals) with 75-100% wholemeal flour | -0.01 | -0.006 | 0.04 |
| White crispbread (0-25% wholegrain) | -0.034 | ------ | -0.049 |
| Wholemeal crispbread (100% wholegrain) | 0.46\* | 0.66\* | 0.17 |
| **Spreads on bread (g/d)c** |
| Cheese with high fat content | 0.37\* | 0.32 | 0.51\* |
| Cheese with low fat content | 0.57\* | 0.51\* | 0.59\* |
| Sweetened spreads | 0.64\* | 0.65\* | 0.71\* |
| **Dairy products** |
| Dairy products with high fat content | 0.25 | 0.18 | 0.39 |
| Dairy products with low fat content | 0.29\* | 0.36 | 0.16 |
| **Fish for dinner (g/d)d** |
| Lean fish | 0.33\* | 0.40\* | 0.34 |
| Processed fish | 0.39\* | 0.38 | 0.44\* |
| **Meat for dinner (g/d)** |
| Non-processed red meat | 0.31\* | 0.25 | 0.40 |
| Processed red meat | 0.22 | 0.19 | 0.11 |
| Non-processed white meat | 0.25 | 0.18 | 0.36\* |
| Processed white meat | 0.10 | -0.08 | 0.38 |
| **Rice and pasta (g/d)** |
| White rice | 0.37\* | 0.35 | 0.51\* |
| Wholegrain rice | 0.20 | -0.2 | 0.60\* |
| White pasta | 0.08 | 0.33 | -0.02 |
| Wholegrain pasta  | 0.34\* | 0.45\* | 0.2 |
| **Dietary supplements** |
| Cod liver oil (ml/d) | 0.74\* | 0.65\* | 0.78\* |
| Cod liver oil/fish oils in capsules | 0.29\* | 0.45\* | 0.14 |
| Vitamin D (capsule/d) | 0.42\* | --- | 0.58\* |
| Multivitamin (tablets/d) | 0.47\* | 0.36 | 0.16 |

\*Correlation is significant at the 0.05 level (2-tailed)
aFood groups based on Supplementary file 1
b Fruit includes the following sub-questions: large fruit, medium fruit, small fruit in Supplementary file 1
cSpreads like “fish”, “red meat”, “white meat” and “fruit and vegetables” are not included in this table, but are included in fatty fish, meat products and fresh fruits and vegetables, respectively
dFatty and lean fish for dinner/lunch can be found in Table 3

NORDIET-FFQ, Short Food Frequency Questionnaire; WR, 7-day weighed food record