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| **Supplemental Table 16. Intercorrelations between changes in food intake 1986-1990: results from the Nurses' Health Study II.** |
|  | Fruit | Vegetables | Juice | Whole-fat dairy | Low-fat dairy | Fried potatoes | Whole grains | Refined grains | Nuts | Sugar sweetened beverages | Diet beverages | Sweets | Processed meats | Non-processed meats | Frequency fried food | % *trans* fat | Seafood | Alcohol |
| Fruit | -- | **0.29** | **0.13** | 0.03 | **0.12** | -0.03 | **0.13** | 0.06 | 0.05 | -0.02 | -0.01 | 0.01 | 0.01 | 0.01 | -0.03 | **-0.18** | **0.11** | -0.02 |
| Vegetables |   | -- | **0.10** | 0.04 | 0.08 | 0.01 | **0.14** | **0.12** | 0.06 | -0.01 | 0.03 | 0.02 | 0.04 | 0.09 | -0.03 | **-0.16** | **0.19** | 0.03 |
| Juice |   |  | -- | 0.06 | 0.05 | 0.02 | 0.07 | 0.06 | 0.02 | 0.02 | -0.03 | 0.04 | 0.04 | 0.04 | 0.00 | -0.09 | 0.04 | 0.00 |
| Whole-fat dairy |   |  |   | -- | **-0.12** | 0.09 | 0.02 | 0.04 | 0.05 | 0.03 | 0.01 | 0.07 | **0.10** | 0.09 | -0.01 | 0.07 | 0.04 | 0.02 |
| Low-fat dairy |   |  |   |  | -- | -0.05 | **0.11** | 0.04 | -0.01 | -0.01 | -0.02 | 0.00 | -0.01 | 0.00 | -0.01 | **-0.14** | 0.03 | -0.03 |
| Fried potatoes |   |  |   |  |   | -- | 0.01 | 0.09 | 0.06 | 0.08 | 0.05 | **0.16** | **0.16** | **0.18** | **0.10** | **0.27** | 0.02 | 0.04 |
| Whole grains |   |  |   |  |   |  | -- | 0.05 | 0.03 | 0.00 | 0.01 | 0.03 | 0.03 | 0.02 | -0.03 | -0.08 | 0.08 | -0.02 |
| Refined grains |   |  |   |  |   |  |   | -- | 0.01 | 0.03 | 0.03 | 0.09 | 0.08 | **0.11** | 0.05 | -0.08 | 0.05 | 0.03 |
| Nuts |   |  |   |  |   |  |   |  | -- | 0.02 | 0.02 | 0.07 | 0.04 | 0.04 | 0.01 | 0.00 | 0.04 | 0.02 |
| Sugar sweetened beverages |   |  |   |  |   |  |   | -- | **-0.16** | 0.06 | 0.05 | 0.06 | 0.03 | -0.07 | 0.00 | 0.00 |
| Diet beverages |   |  |   |  |   |  |   |  |   |  | -- | 0.04 | 0.02 | 0.03 | 0.00 | 0.06 | 0.03 | 0.01 |
| Sweets |   |  |   |  |   |  |   |  |   |  |   | -- | **0.10** | **0.11** | 0.06 | **0.28** | 0.02 | 0.00 |
| Processed meat |   |  |   |  |   |  |   |  |   |  |   |  | -- | **0.20** | 0.05 | **0.13** | 0.03 | 0.03 |
| Non-processed meat |  |  |  |   |  |   |  |   |  |   |  |   | -- | 0.08 | **0.12** | 0.07 | 0.03 |
| Frequency fried food |  |  |  |   |  |   |  |   |  |   |  |   |  | -- | **0.20** | -0.04 | 0.03 |
| % *trans* fat |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   | -- | -0.08 | -0.04 |
| Seafood |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  | -- | 0.04 |
| Alcohol |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   |  |   | -- |
| Correlations ≥ |0.10| (what we considered biologically relevant) are shown in bold. All values shown in bold had a p-value < 0.0001.  |  |  |