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| **Table S2. General linear model evaluating the association between occupation and overall diet quality among mothers of liveborn infants without a birth defect employed during the pre-pregnancy period, National Birth Defects Prevention Study, 1997-2011 (n=7,341)**

|  |  |
| --- | --- |
| **Occupational Group**\* | **Diet Quality Index (DQI)** |
| **Crude Beta****Coefficient** | **95% CI** | **Adjusted Beta****Coefficient**† | **95% CI** |
| Management | -0.8 | (-1.3, -0.3) | -0.4 | (-0.8, 0.0) |
| Business and Financial Operations | -0.9 | (-1.5, -0.3) | -0.2 | (-0.7, 0.3) |
| Computer and Mathematical | 0.0 | (-0.9, 1.0) | 0.4 | (-0.3, 1.2) |
| Architecture and Engineering | 1.1 | (-0.6, 2.8) | 1.0 | (-0.4, 2.4) |
| Life, Physical, and Social Sciences | 0.8 | (-0.1, 1.8) | 0.6 | (-0.2, 1.3) |
| Community and Social Service | 0.4 | (-0.4, 1.1) | 0.8 | (0.2, 1.4) |
| Legal | -1.0 | (-2.1, 0.0) | -0.7 | (-1.6, 0.1) |
| Education, Training, and Library | 0.3 | (-0.1, 0.7) | 0.5 | (0.1, 0.8) |
| Arts, Design, Entertainment, Sports, and Media | 0.4 | (-0.4, 1.3) | 0.1 | (-0.6, 0.7) |
| Healthcare Practitioners and Technical | 0.0 | (-0.4, 0.4) | 0.3 | (-0.1, 0.6) |
| Healthcare Support | -0.1 | (-0.7, 0.4) | 0.1 | (-0.3, 0.6) |
| Protective Service | -0.8 | (-2.0, 0.5) | -1.0 | (-2.0, 0.0) |
| Food Preparation and Serving Related | 0.3 | (-0.1, 0.7) | -0.3 | (-0.6, 0.1) |
| Building and Grounds Cleaning | 1.8 | (1.0, 2.5) | 0.2 | (-0.4, 0.8) |
| Personal Care and Service | 0.2 | (-0.3, 0.7) | 0.3 | (-0.1, 0.7) |
| Sales and Related | -0.2 | (-0.6, 0.2) | -0.2 | (-0.5, 0.1) |
| Office and Administrative Support | -0.7 | (-1.0, -0.4) | -0.3 | (-0.6, -0.1) |
| Farming, Fishing, and Forestry | 3.1 | (2.0, 4.2) | 1.1 | (0.1, 2.1) |
| Construction and Extraction**‡** | - | - | - | - |
| Installation, Maintenance, and Repair**‡** | - | - | - | - |
| Production | 0.7 | (0.1, 1.3) | 0.2 | (-0.3, 0.7) |
| Transportation and Material Moving | 1.0 | (0.2, 1.8) | -0.4 | (-1.1, 0.3) |
| Military Specific**‡** | - | - | - | - |

 |
| \*The reference group for each occupational group was all the other occupational groups combined† Adjusted for energy intake, study center, maternal age at conception, maternal education, maternal pre-pregnancy body mass index, and maternal race/ethnicity**‡** Individual comparisons were not completed for occupational groups with fewer than 30 women |