**Table S1.** Associations between dietary pattern 1 with birth weight according to birth weight tertiles among pregnant women in Shaanxi Province, Northwest China, 2010-2013 a

|  |  |
| --- | --- |
| **BW** | **Adherence to DP1** |
| **Low** | **Medium** | **High** | ***P* trend e** |
| **T1 (< 3100 g) (changes in grams, 95% CI)** |  |  |
| Model 1 b | Ref. | 23.2 (2.9, 43.5) \* | 33.5 (9.9, 57.1) \* | 0.005 |
| Model 2 c | Ref. | 24.4 (3.9, 44.9) \* | 34.4 (7.7, 61.1) \* | 0.009 |
| Model 3 d | Ref. | 25.2 (4.6, 45.8) \* | 33.9 (7.1, 60.6) \* | 0.009 |
| **T2 (3100 ~ 3400 g)** |  |  |  |
| Model 1 | Ref. | 13.1 (1.4, 24.7) \* | 15.5 (4.7, 26.4) \* | 0.006 |
| Model 2 | Ref. | 13.0 (1.3, 24.8) \* | 15.1 (3.5, 26.7) \* | 0.012 |
| Model 3 | Ref. | 12.8 (1.3, 24.3) \* | 15.4 (4.1, 26.7) \* | 0.008 |
| **T3 (****≥ 3400 g)** |  |  |  |  |
| Model 1  | Ref. | 12.0 (-16.6, 40.6) | 9.9 (-18.6, 38.3) | 0.496 |
| Model 2 | Ref. | 12.9 (-14.8, 40.5) | 10.2 (-19.8, 40.2) | 0.494 |
| Model 3 | Ref. | 13.0 (-14.8, 40.8) | 10.5 (-20.0, 41.0) | 0.490 |

DP, dietary pattern; BW, birth weight; T1-T3, tertile 1-3; Ref. reference.

a GEE models with random effect at the county (district) level were used to estimate the change (95% CI) for birth weight according to the adherence to the DPs.

b Model 1 was unadjusted model.

c Model 2 was adjusted for total energy intake, sex, gestational age, and socio-demographic characteristics (including maternal age, education, residence, and per capita annual household income).

d Model 3 was adjusted for all variables in model 2 and health-related factors in pregnancy (including parity, smoking, passive smoking, alcohol consumption, pregnancy consultation, number of antenatal visits, folic acid/iron/multiple-micronutrient supplementation).

e *P* trend was estimated using the tertiles of adherence to DP1 as a continuous independent variable in the models.

\* Refers to *P* < 0.05.