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| **Table S1.** Generalized Additive Modelof maternal dietary practice and neonatal obesity (ponderal index) | | | | | | | |
| **Food consumed during pregnancy (frequency**†**)** | **Model 1\*** | | |  | **Model 2\*** | | |
| OR | 95% CI | *p* |  | OR | 95% CI | *p* |
| Fruits | **-0.43** | **[-0.77,-1.27]** | **0.012** |  | n/a | n/a | n/a |
| Samba & butter (Tibetan food) | **0.21** | **[0.01,0.63]** | **0.041** |  | **0.26** | **[0.06,0.77]** | **0.011** |
| Eggs | -0.05 | [-0.24,-0.14] | 0.636 |  | -0.08 | [-0.27,-0.23] | 0.424 |
| Poultry | -0.06 | [-0.34,-0.18] | 0.663 |  | -0.10 | [-0.37,-0.30] | 0.466 |
| Beans & related products | -0.03 | [-0.26,-0.10] | 0.772 |  | -0.04 | [-0.26,-0.10] | 0.757 |
| Fish and sea food | 0.30 | [0.00,0.88] | 0.051 |  | 0.30 | [0.00,0.90] | 0.047 |
| Dairy products | -0.17 | [-0.40,-0.51] | 0.141 |  | -0.19 | [-0.42,-0.57] | 0.096 |
| Vegetables | 0.11 | [-0.51,0.32] | 0.736 |  | -0.14 | [-0.73,-0.40] | 0.650 |
| Soda & sugar beverages | 0.10 | [-0.17,0.31] | 0.460 |  | 0.09 | [-0.19,0.26] | 0.535 |
| Multigrain & roots | 0.12 | [-0.13,0.35] | 0.349 |  | 0.10 | [-0.15,0.30] | 0.416 |
| Pickles & other processed foods | 0.12 | [-0.18,0.35] | 0.429 |  | 0.11 | [-0.19,0.32] | 0.471 |
| Red meats | -0.07 | [-0.30,-0.22] | 0.532 |  | -0.06 | [-0.28,-0.17] | 0.632 |
| Snacks | 0.05 | [-0.19,0.15] | 0.673 |  | 0.05 | [-0.19,0.16] | 0.667 |
| Rice & noodle (refined carbohydrates) | -0.08 | [-0.56,-0.22] | 0.764 |  | -0.09 | [-0.58,-0.27] | 0.711 |

\*Means model 1 contained 21 variables, including 14 food frequency measures and 7 covariates. Four maternal covariates were: residence (rural vs. urban), age at enrollment, education (< 9 years, 9-12 years vs. more than 12 years), and pre-pregnancy BMI; and three neonatal covariates were: first birth (yes/no), race (Tibetan vs. Han) and sex (male vs. female). Model 2 was built based on Model 1 with the removal of “fruit consumption”, a most influential variable in Model 1.

†Means food frequency measures: 0 = less than monthly, 1 = monthly, 2 = weekly, 3 = daily.