**Table S1. Sensitivity analysis: Associations of folic acid supplementation and dietary folate intake (<24 weeks of gestational age) with the risk of small for gestational age**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Folic acid/folate intake duration | AGA (n=6975) | SGA (n=720) | OR(*95% CI*) | ORa (*95% CI*) |
| Folic acid supplement |  |  |  |  |
| Nonusers | 1762 | 252 | 1.00 | 1.00 |
| Users | 5213 | 468 | 0.63(0.53-0.74) | 0.74(0.62-0.89) |
| ≤12 weeks | 3239 | 321 | 0.69(0.58-0.83) | 0.79(0.66-0.96) |
| >12 weeks | 1974 | 147 | 0.72(0.65-0.80) | 0.80(0.71-0.90) |
| *P* for trend |  |  | <0.001 | <0.001 |
| Per 2-weeks increase |  |  | 0.936(0.914-0.953) | 0.956(0.936-0.978) |
| Before conception and during pregnancy | 1575 | 114 | 0.50(0.40-0.63) | 0.62(0.48-0.81) |
| ≤16 weeks | 664 | 51 | 0.53(0.39-0.74) | 0.65(0.47-0.92) |
| >16 weeks | 911 | 63 | 0.70(0.60-0.80) | 0.80(0.68-0.94) |
| *P* for trend |  |  | <0.001 | <0.001 |
| Per 2-weeks increase |  |  | 0.933(0.910-0.956) | 0.953(0.927-0.980) |
| Before conception only | 290 | 27 | 0.65(0.43-0.99) | 0.81(0.53-1.26) |
| ≤8 weeks | 123 | 12 | 0.68(0.37-1.25) | 0.76(0.41-1.41) |
| >8 weeks | 167 | 15 | 0.79(0.60-1.04) | 0.93(0.70-1.24) |
| *P* for trend |  |  | 0.049 | 0.387 |
| Per 2-weeks increase |  |  | 0.927(0.857-1.001) | 0.966(0.890-1.045) |
| During pregnancy only | 3348 | 327 | 0.68(0.58-0.81) | 0.78(0.65-0.94) |
| ≤8 weeks | 1415 | 164 | 0.81(0.66-1.00) | 0.85(0.68-1.06) |
| >8 weeks | 1933 | 163 | 0.77(0.69-0.85) | 0.85(0.75-0.95) |
| *P* for trend |  |  | <0.001 | 0.002 |
| Per 2-weeks increase |  |  | 0.933(0.914-0.957) | 0.957(0.925-0.984) |
| Dietary folate intake(µg/day) |  |  |  |  |
| Before pregnancy |  |  |  |  |
| Q1 <115.63 | 1722 | 214 | 1.00 | 1.00 |
| Q2 115.63-157.42 | 1705 | 137 | 0.65(0.52-0.81) | 0.78(0.61-1.00) |
| Q3 157.42-218.91 | 1710 | 191 | 0.95(0.86-1.05) | 1.06(0.95-1.19) |
| Q4 ≥218.91 | 1838 | 178 | 0.92(0.86-0.99) | 1.02(0.93-1.12) |
| *P* for trend |  |  | 0.156 | 0.274 |
| Per 10-μg increase |  |  | 0.997(0.983-1.011) | 1.015(0.999-1.031) |
| During pregnancy |  |  |  |  |
| Q1 <149.47 | 1769 | 223 | 1.00 | 1.00 |
| Q2 149.47-197.56 | 1686 | 165 | 0.78(0.63-0.96) | 0.94(0.75-1.19) |
| Q3 197.56-263.21 | 1707 | 152 | 0.84(0.75-0.94) | 0.99(0.88-1.14) |
| Q4 ≥263.21 | 1813 | 180 | 0.92(0.86-0.99) | 1.06(0.94-1.18) |
| *P* for trend |  |  | 0.014 | 0.313 |
| Per 10-μg increase |  |  | 0.987(0.973-1.001) | 1.013(0.996-1.030) |

ORa Adjusted for maternal age, monthly income per capita, maternal education level, smoking, maternal employ, pre-pregnancy BMI, weight gain during pregnancy, preeclampsia, parity, caesarean section, father height, history of preterm, total energy intake, dietary folate intake or folic acid supplement.

Multiplicative interaction on SGA: OR (95% CI)=0.86 (0.72-1.04), *P*=0.110