**ONLINE SUPPORTING MATERIAL**

**Supplemental Table S3.** Association between dietary carbohydrate intake in continuous measure and ovarian cancer risk by diabetic status in AACES 2010-2014\*†

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Unit per day‡ | Non-diabetic  Case: n=318;  Control: n=468 | | Diabetic  Case: n=88;  Control: n=141 | |
|  | OR | 95% CI | OR | 95% CI |
| Total carbohydrate | 30 g/1,000 kcal | 1.25 | 1.00, 1.56 | 1.49 | 0.92, 2.39 |
| Total sugars | 20 g/1,000 kcal | 1.17 | 1.02, 1.34 | 1.38 | 1.01, 1.89 |
| Fructose | 10 g/1,000 kcal | 1.20 | 1.01, 1.43 | 1.31 | 0.88, 1.96 |
| Sucrose | 10 g/1,000 kcal | 1.04 | 0.91, 1.17 | 1.09 | 0.83, 1.43 |
| Added sugars | 6 tsp/1,000 kcal | 1.11 | 0.90, 1.37 | 1.63 | 0.95, 2.78 |
| Starch | 10 g/1,000 kcal | 0.97 | 0.84, 1.12 | 0.97 | 0.74, 1.28 |
| Fiber | 4 g/1,000 kcal | 0.89 | 0.75, 1.15 | 0.75 | 0.52, 1.07 |
| Glycemic load | 10 units/1,000 kcal | 1.14 | 0.99, 1.30 | 1.29 | 0.97, 1.72 |
| Glycemic index | 5 units | 1.01 | 0.83, 1.23 | 1.01 | 0.70, 1.46 |
| tsp, teaspoon.  \* Model adjusted for model 2 covariates including age, education, region, total energy intake, parity, oral contraceptive use, menopause status, tubal ligation, and family history of breast/ovarian cancer (first-degree relative). For added sugars, model additional adjusted for vegetable intake. For fiber, model additional adjusted for alcohol consumption.  † All *P*interaction >0.1  ‡ Increment used in continuous analyses based on the difference between 75th and 25th percentile of the control distribution, rounded to one significant digit. | | | | | |