**ONLINE SUPPORTING MATERIAL**

**Supplemental Table S1.** Top 5 food sources that contribute to carbohydrates, sugars, or glycemic load by cases and controls in AACES\*

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|  | **Ovarian cancer cases** | **Controls** |
|  | **Carbohydrates** | |
| 1 | Any kind of soft drink, like cola, orange soda, regular or diet | Any kind of soft drink, like cola, orange soda, regular or diet |
| 2 | Kool-Aid, lemonade, sports drinks, or fruit flavored drinks | Kool-Aid, lemonade, sports drinks, or fruit flavored drinks |
| 3 | Rice, or dishes made with rice | Rice, or dishes made with rice |
| 4 | Real 100% orange juice or grapefruit juice | Salty snacks like potato chips, tortilla chips, popcorn |
| 5 | Salty snacks like potato chips, tortilla chips, popcorn | Real 100% orange juice or grapefruit juice |
|  | **Total sugars** | |
| 1 | Any kind of soft drink, like cola, orange soda, regular or diet | Any kind of soft drink, like cola, orange soda, regular or diet |
| 2 | Kool-Aid, lemonade, sports drinks, or fruit flavored drinks | Kool-Aid, lemonade, sports drinks, or fruit flavored drinks |
| 3 | Real 100% orange juice or grapefruit juice | Real 100% orange juice or grapefruit juice |
| 4 | Hi-C, Cranberry Juice Cocktail, Hawaiian Punch, Tang | Hi-C, Cranberry Juice Cocktail, Hawaiian Punch, Tang |
| 5 | Iced tea, homemade, instant, or bottled | Iced tea, homemade, instant, or bottled |
|  | **Glycemic load** | |
| 1 | Any kind of soft drink, like cola, orange soda, regular or diet | Any kind of soft drink, like cola, orange soda, regular or diet |
| 2 | Kool-Aid, lemonade, sports drinks, or fruit flavored drinks | Kool-Aid, lemonade, sports drinks, or fruit flavored drinks |
| 3 | Rice, or dishes made with rice | Rice, or dishes made with rice |
| 4 | Salty snacks like potato chips, tortilla chips, popcorn | Salty snacks like potato chips, tortilla chips, popcorn |
| 5 | Real 100% orange juice or grapefruit juice | French fries, home fries, hash browns |
| \* Food sources are listed in descending order based on their contributions. | | |