**Supplemental Table 1. Selected participant characteristics across energy-adjusted DII quartiles (including dietary supplements) among AACES controls (N=662)**

|  |  |  |
| --- | --- | --- |
|  | **Energy-adjusted DII quartiles** |  |
|  | **Quartile 1** | **Quartile 2** | **Quartile 3** | **Quartile 4** |  |
|  | **n (%)** | **n (%)** | **n (%)** | **n (%)** | **p-value** |
| **Age at Diagnosis or Interview**  |  |  |  |  |  |
|  21-50 years | 37 (19) | 38 (19) | 49 (25) | 74 (37) | <0.001 |
|  51-60 years | 64 (24) | 73 (28) | 62 (24) | 62 (24) |  |
|  >60 years | 66 (33) | 53 (26) | 55 (27) | 29 (14) |  |
| **Education** |  |  |  |  |  |
|  HS or less | 39 (16) | 58 (24) | 70 (29) | 77 (31) | <0.001 |
|  Some post HS training | 49 (26) | 47 (24) | 40 (21) | 55 (29) |  |
|  College or graduate degree | 79 (35) | 59 (26) | 56 (25) | 33 (14) |  |
| **BMI (kg/m2)a** |  |  |  |  |  |
|  < 25  | 36 (29) | 24 (19) | 31 (25) | 34 (27) | 0.12 |
|  25-29.9 | 52 (32) | 40 (24) | 37 (23) | 34 (21) |  |
|  30+  | 79 (21) | 100 (27) | 98 (26) | 97 (26) |  |
| **Menopausal Status** |  |  |  |  |  |
| Pre/Peri-menopause | 39 (19) | 42 (21) | 47 (24) | 71 (36) | <0.001 |
| Post-menopause | 128 (28) | 122 (26) | 119 (26) | 94 (20) |  |
| **Smoking Status** |  |  |  |  |  |
| Never smoker | 108 (28) | 97 (26) | 96 (25) | 80 (21) | 0.002 |
| Former smoker | 42 (28) | 38 (25) | 33 (22) | 37 (25) |  |
| Current smoker | 17 (13) | 29 (22) | 37 (28) | 48 (37) |  |
| **Any Physical Activityb** |  |  |  |  |  |
| No | 37 (18) | 47 (23) | 46 (22) | 76 (37) | <0.001 |
| Yes | 130 (29) | 115 (26) | 119 (26) | 87 (19) |  |

DII: dietary inflammatory index; HS: high school; BMI: body mass index.

**a**BMI 1 year before interview date for controls.

bFive controls are missing physical activity.

**Supplemental Table 2. Selected participant characteristics across energy-adjusted DII quartiles (excluding dietary supplements) among AACES controls (N=662)**

|  |  |  |
| --- | --- | --- |
|  | **Energy-adjusted DII quartiles** |  |
|  | **Quartile 1** | **Quartile 2** | **Quartile 3** | **Quartile 4** |  |
|  | **n (%)** | **n (%)** | **n (%)** | **n (%)** | **p-value** |
| **Age at Diagnosis or Interview** |  |  |  |  |  |
|  21-50 years | 33 (17) | 43 (22)  | 42 (21) | 80 (40) | <0.001 |
|  51-60 years | 68 (26) | 64 (24) | 67 (26) | 62 (24) |  |
|  >60 years | 66 (32) | 59 (30) | 55 (27) | 23 (11) |  |
| **Education** |  |  |  |  |  |
|  HS or less | 48 (20) | 53 (22) | 71 (29) | 72 (29) | <0.001 |
|  Some post HS training | 40 (21) | 44 (23) | 50 (26) | 57 (30) |  |
|  College or graduate degree | 79 (35) | 69 (30) | 43 (19) | 36 (16) |  |
| **BMI (kg/m2)a** |  |  |  |  |  |
|  < 25  | 38 (30) | 20 (16) | 28 (22) | 39 (31) | 0.03 |
|  25-29.9 | 43 (26) | 50 (31) | 40 (25) | 30 (18) |  |
|  30+  | 86 (23) | 96 (26) | 96 (26) | 96 (26) |  |
| **Menopausal Status** |  |  |  |  |  |
| Pre/Peri-menopause | 36 (18) | 48 (24) | 39 (20) | 76 (38) | <0.001 |
| Post-menopause | 131 (28) | 118 (26) | 125 (27) | 89 (19) |  |
| **Smoking Status** |  |  |  |  |  |
| Never smoker | 109 (29) | 102 (27) | 85 (22) | 85 (22) | <0.001 |
| Former smoker | 41 (27) | 45 (30) | 33 (22) | 31 (21) |  |
| Current smoker | 17 (13) | 19 (15) | 46 (35) | 49 (37) |  |
| **Any Physical Activityb** |  |  |  |  |  |
| No | 29 (14) | 49 (24) | 54 (26) | 74 (36) | <0.001 |
| Yes | 138 (30) | 116 (26) | 108 (24) | 89 (20) |  |

DII: dietary inflammatory index; HS: high school; BMI: body mass index.

**a**BMI 1 year before interview date for controls.

bFive controls are missing physical activity.