**Supplemental Table 1** HEI-2010 and HEI-2015 Scores (total and component) of NHANES 2005-2016 adults stratified by cannabis use with the simple method and multiple regression mean (SE)\*τ

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| --- | --- | --- |
| HEI Component(Standard Scoring for Maximum Score) | HEI-2010 Score | HEI-2015 Score |
| Maximum Score | Never Used Cannabis (n=8,216) | Previously Used Cannabis (n=7,127) | Current Cannabis Users (n=2,510) | Maximum Score | Never Used Cannabis (n=8,216) | Previously Used Cannabis (n=7,127)  | Current Cannabis Users (n=2,510)  |
|  | Total HEI Score | 100 | 51.8 (0.3) | 52.2 (0.3) | 52.0 (0.5) | 100 | 52.2 (0.3) | 52.5 (0.3) | 52.8 (0.5) |
| Adequacy | 1. Total Vegetables (≥ 1.1 cup equivalents per 1000 kcal) | 5 |  3.2 (0.0) a | 3.2 (0.0) a |  3.1 (0.0) b  | 5 |  3.2 (0.0) a,b |  3.3 (0.0) a |  3.1 (0.0) b |
| 2. Greens and Beans(≥ 0.2 cup equivalents per 1000 kcal) | 5 |  1.7 (0.0) | 1.8 (0.0) |  1.8 (0.1) | 5 |  1.9 (0.0) |  2.0 (0.0) | 2.1 (0.1) |
| 3. Total Fruit(≥ 0.8 cup equivalents per 1000 kcal)  | 5 |  2.3 (0.0)  | 2.1 (0.0)  |  2.2 (0.1) | 5 |  2.3 (0.0) |  2.1 (0.0)  | 2.2 (0.1)  |
| 4. Whole Fruit(≥ 0.4 cup equivalents per 1000 kcal) | 5 |  2.3 (0.1) | 2.3 (0.0) |  2.2 (0.1) | 5 |  2.3 (0.0) |  2.3 (0.0) | 2.2 (0.1) |
| 5. Whole Grains(≥ 1.5 oz equivalents per 1000 kcal) | 10 |  2.6 (0.1) | 2.6 (0.0) |  2.5 (0.1) | 10 |  2.6 (0.1) |  2.6 (0.1) | 2.5 (0.1) |
| 6. Dairy(≥ 1.3 cup equivalents per 1000 kcal) | 10 |  5.4 (0.1) | 5.5 (0.1) |  5.6 (0.1) | 10 |  5.4 (0.1) |  5.5 (0.1) | 5.6 (0.1) |
| 7. Total Protein Foods(≥ 2.5 oz equivalents per 1000 kcal) | 5 |  4.5 (0.0) | 4.5 (0.0) |  4.4 (0.0) | 5 |  4.5 (0.0) |  4.5 (0.0) | 4.4 (0.0) |
| 8. Seafood and Plant Protein(≥ 0.8 oz equivalents per 1000 kcal) | 5 |  2.4 (0.1)  | 2.6 (0.1)  |  2.6 (0.1) | 5 |  2.8 (0.0) |  2.9 (0.0) | 2.9 (0.1) |
| 9. Fatty Acid Ratio (PUFA+MUFA)/SFAs ≥ 2.5 | 10 |  4.8 (0.1) | 4.9 (0.1) |  4.8 (0.1) | 10 |  4.8 (0.1) |  4.9 (0.1) | 4.8 (0.1) |
| Moderation | 10. Sodium (≥ 1.1 gram per 1000 kcal) | 10 |  3.8 (0.1) a | 3.7 (0.1) a |  4.2 (0.1) b | 10 |  3.8 (0.1) a |  3.7 (0.1) a | 4.2 (0.1) b |
| 11. Refined Grains (≥ 1.8 oz equivalents per 1000 kcal) | 10 |  5.9 (0.1) a | 6.3 (0.1) b |  6.4 (0.1) b | 10 |  5.9 (0.1) a |  6.3 (0.1) b | 6.4 (0.1) b |
| 12. SOFAAS≤19% of energy | 20 | 12.9 (0.1)  | 12.8 (0.1)  | 12.4 (0.2) | - | - | - | - |
| 13. Saturated Fat ≤8% of energy | - | - | - | - | 10 |  6.0 (0.1) |  5.9 (0.1) | 6.1 (0.11) |
| 14. Added Sugar≤ 6.5% of energy | - | - | - | - | 10 |  6.6 (0.1) |  6.6 (0.1) | 6.4 (0.1) |

\*Adjusted for age (as a continuous variable), gender, poverty to income ratio (as a continuous variable), ethnicity, education level, alcohol (g), smoking current flag

τ Means with different superscripts are significantly different using Bonferonni adjusted p-value of <0.017, as assessed by t-tests