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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Characteristics** |  | **DASH Diet Accordance Score**  **Quintile** | | | | | |
| **Total** | **1 (n=1087)**  **Score 0-<2.5** | **2 (n=1332)**  **Score ≥2.5-<3.5** | **3 (n=2705)**  **Score ≥3.5-<4.0** | **4 (n=1798)**  **Score ≥4.0-<5.0** | **5 (n=2280)**  **Score ≥5.0-≤9.0** | **P-value\*** |
| ***Socio-Demographic Factors*** |  |  |  |  |  |  |  |
| Age (years), mean ± SD | 40.5±16.3 | 37.8±13.9 | 38.1±14.6 | 40.1±15.9 | 46.6±20.2 | 44.1±17.5 | <0.0001 |
| Male (%) | 47.7 | 54.5 | 51.3 | 48.9 | 47.5 | 41.2 | 0.0002 |
| Race/Ethnicity (%) |  |  |  |  |  |  | <0.0001 |
| Non-Hispanic White | 75.9 | 69.2 | 73.8 | 77.5 | 77.7 | 76.4 |  |
| Non-Hispanic Black | 9.7 | 17.7 | 14.5 | 9.4 | 6.6 | 6.4 |  |
| Mexican American | 5.9 | 4.9 | 5.2 | 5.2 | 6.0 | 7.5 |  |
| Others | 8.6 | 8.2 | 6.5 | 7.9 | 9.7 | 9.8 |  |
| Poverty Income Ratio (≤2, %) | 31.7 | 3.8 | 4.9 | 10.3 | 6.4 | 6.3 | 0.08 |
| Education Level (%) |  |  |  |  |  |  | <0.0001 |
| <High School | 20.7 | 21.5 | 20.5 | 20.9 | 19.4 | 21.2 |  |
| Some College | 56.3 | 58.6 | 61.5 | 58.0 | 56.9 | 48.6 |  |
| >College | 23.0 | 19.9 | 17.9 | 21.2 | 23.7 | 30.2 |  |
| Socio-Economic Position (PIR≤2 or education less than high school, in %) | 63.2 | 64.6 | 63.4 | 62.0 | 63.6 | 59.8 | 0.53 |
| **Physical Activity (%)** |  |  |  |  |  |  | 0.46 |
| Moderate | 78.3 | 76.9 | 76.7 | 76.6 | 80.1 | 80.6 |  |
| Intense | 21.7 | 23.1 | 23.3 | 23.4 | 19.9 | 19.4 |  |
| **Smoking (%)** |  |  |  |  |  |  | <0.0001 |
| Never | 31.3 | 38.8 | 35.5 | 34.7 | 28.4 | 22.6 |  |
| Past | 22.2 | 18.9 | 19.7 | 21.1 | 23.7 | 25.7 |  |
| Current | 46.5 | 42.3 | 44.8 | 44.2 | 47.9 | 51.7 |  |
| **Body Mass Index (kg/m2), mean ±SD** | 26.2±5.3 | 26.3±5.4 | 26.3±5.2 | 25.9±5.0 | 25.8±5.0 | 25.7±4.5 | 0.07 |
| **Diabetes (yes) (%)** | 2.7 | 2.3 | 3.3 | 1.9 | 3.3 | 2.9 | 0.24 |
| **Glycated hemoglobin (%)** | 5.4±0.01 | 5.4±0.03 | 5.5±0.04 | 5.3±0.02 | 5.4±0.03 | 5.4±0.02 | <0.0001 |
| **Average Systolic Blood Pressure (mmHg), mean ±SD** | 114.1±0.1 | 114.5±0.3 | 113.8±0.3 | 113.7±0.2 | 114.1±0.3 | 114.5±0.3 | 0.16 |
| **Serum Potassium (mmol/L), mean ±SD** | 4.1±0.3 | 4.1±0.3 | 4.1±0.3 | 4.0±0.3 | 4.1±0.3 | 4.1±0.3 | 0.11 |
| **Total Caloric Intake (kcal/day), mean ±SD** | 2201.2±110.3 | 2569.7±132.5 | 2332.3±110.9 | 2167.3±100.9 | 1892.2±96.5 | 1898.4±91.9 | <0.0001 |
| **Dietary Acid Load (mEq/d), mean ±SD** | 54.5±0.1 | 58.5±0.4 | 57.4±0.3 | 55.4±0.2 | 53.5±0.3 | 50.1±0.2 | <0.0001 |
| ***Kidney Markers (%)*** |  |  |  |  |  |  |  |
| eGFR (ml/min/1.73 m2), mean ±SD | 102.6±25.5 | 106.6±25.1 | 103.6±23.6 | 102.6±24.4 | 99.5±24.0 | 99.7±24.4 | <0.0001 |
| Urinary albumin-to-creatinine ratio (mg/g), median (25th-75th percentile) | 5.1 (3.0-8.7) | 4.8 (2.7-8.4) | 5.1 (3.1-8.2) | 5.2 (3.1-8.8) | 5.3 (3.0-9.0) | 5.3 (3.3-9.0) | 0.56 |
| \*P value tests the difference of the variable across the categories of DASH diet accordance  eGFR= estimated glomerular filtration rate; CKD= chronic kidney disease; ESRD= end-stage renal disease; PIR= Poverty income ratio | | | | | | | |