**Supplementary table 1. Raw counts and adjusted percents of microalbuminuria by HbA1c category, N=20158, NHANES 2011-2018.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **All subjects** | **HbA1c (%)** | | | | | | |
| UACR≥30 mg/g | <5.0 | 5.0-5.6 | 5.7-5.9 | 6.0-6.4 | 6.5-6.9 | ≥7.0 | All |
| No (N) | 1506 | 9708 | 2992 | 1850 | 597 | 1003 | 17656 |
| Yes (N) | 131 | 815 | 395 | 368 | 183 | 610 | 2502 |
| Yes (%)\* | 6.4 | 6.5 | 9.5 | 16.1 | 22.0 | 34.8 | 9.8 |
| Test for linear trend p<0.0001 | | | | | | | |
|  |  |  |  |  |  |  |  |
| **With diabetes or Rx** | **HbA1c (%)** | | | | | | |
| UACR≥30 mg/g | <5.0 | 5.0-5.6 | 5.7-5.9 | 6.0-6.4 | 6.5-6.9 | ≥7.0 | All |
| No (N) | 17 | 141 | 194 | 362 | 351 | 901 | 1913 |
| Yes (N) | 8 | 24 | 56 | 126 | 133 | 542 | 889 |
| Yes (%)\* | 14.0 | 13.2 | 18.3 | 21.9 | 25.7 | 35.5 | 27.9 |
| Test for linear trend p<0.0001 | | | | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Without diabetes and Rx** | **HbA1c (%)** | | | | | | |
| UACR≥30 mg/g | <5.0 | 5.0-5.6 | 5.7-5.9 | 6.0-6.4 | 6.5-6.9 | ≥7.0 | All |
| No (N) | 1489 | 9567 | 2798 | 1488 | 246 | 155 | 15743 |
| Yes (N) | 123 | 791 | 339 | 242 | 50 | 68 | 1613 |
| Yes (%)\* | 6.3 | 6.4 | 8.8 | 14.4 | 15.5 | 30.2 | 7.6 |
| Test for linear trend p<0.0001 | | | | | | | |

Albuminuria was defined as a urine albumin to creatinine ratio (UACR) of ≥30 mg/g.

\* Percentages adjusted using the sample weights from NHANES to represent the underlying population.