

Supplemental Table 4: Prevalence and odds ratios for albuminuria associated with quintile of gender-specific dietary potassium intake for normal weight, overweight, and obese REGARDs participants.

| Quintile of Dietary Potassium (Range, milligrams/day) | | | | | |
|---|----------|----------------------|----------------------|----------------------|----------------------|
| | Q1 | Q2 | Q3 | Q4 | Q5 |
| Men | 454-1878 | 1879-2403 | 2403-2905 | 2905-3631 | 3631-13812 |
| Women | 289-1615 | 1615-2108 | 2108-2622 | 2622-3314 | 3314-11883 |
| Prevalence of albuminuria, % | | | | | |
| Normal weight | 14.0 | 11.8 | 10.8 | 11.0 | 9.8 |
| Overweight | 14.0 | 13.3 | 10.7 | 10.7 | 10.3 |
| Obese | 17.3 | 16.4 | 16.3 | 13.7 | 16.1 |
| Odds ratios for albuminuria (95% CI) | | | | | |
| Model 1 | | | | | |
| Normal Weight | ref | 0.71 (0.54, 0.94) | 0.60 (0.45, 0.81) | 0.56 (0.41, 0.76) | 0.41 (0.28, 0.61) |
| Overweight | ref | 0.87 (0.71, 1.08) | 0.65 (0.51, 0.82) | 0.56 (0.43, 0.73) | 0.53 (0.38, 0.72) |
| Obese | ref | 0.87 (0.71, 1.06) | 0.82 (0.66, 1.00) | 0.61 (0.49, 0.78) | 0.63 (0.47, 0.85) |
| Model 2 | | | | | |
| Normal Weight | ref | 0.81 (0.61, 1.08) | 0.73 (0.54, 0.99) | 0.71 (0.52, 0.99) | 0.58 (0.38, 0.87) |
| Overweight | ref | 0.97 (0.78, 1.21) | 0.76 (0.60, 0.97) | 0.71 (0.54, 0.92) | 0.72 (0.51, 1.00) |
| Obese | ref | 0.96 (0.78, 1.17) | 0.95 (0.76, 1.17) | 0.74 (0.58, 0.94) | 0.82 (0.61, 1.11) |
| Model 3 | | | | | |
| Normal Weight | ref | 0.91 (0.68, 1.23) | 0.97 (0.70, 1.33) | 1.00 (0.71, 1.42) | 0.94 (0.61, 1.45) |
| Overweight | ref | 1.05 (0.84, 1.32) | 0.89 (0.69, 1.14) | 0.83 (0.63, 1.10) | 0.95 (0.67, 1.35) |
| Obese | ref | 0.99 (0.80, 1.22) | 1.02 (0.82, 1.28) | 0.78 (0.61, 1.01) | 1.00 (0.73, 1.36) |
| Model 4 | | | | | |
| Normal Weight | ref | 0.87 (0.64, 1.19) | 0.95 (0.68, 1.32) | 0.97 (0.68, 1.38) | 0.91 (0.59, 1.42) |
| Overweight | ref | 1.00 (0.80, 1.26) | 0.84 (0.65, 1.09) | 0.79 (0.59, 1.06) | 0.86 (0.60, 1.23) |
| Obese | ref | 0.95 (0.76, 1.17) | 1.01 (0.80, 1.26) | 0.75 (0.57, 0.97) | 0.88 (0.63, 1.21) |

Numbers presented in the table are odds ratios and 95% confidence intervals.

Model 1 is adjusted for age and total caloric intake.

Model 2 is adjusted for variables in model 1, gender, and race.

Model 3 is adjusted for variables in model 2, education category, income category, smoking status, alcohol consumption, self-reported health status, and physical activity category.

Model 4 is adjusted for variables in model 3, dyslipidemia, hypertension, and diabetes mellitus.

[§] Albuminuria defined as a urine albumin to creatinine ratio ≥ 30 mg/g.