Urinary excretion of vitamin D binidng protein across varying degrees of kidney dysfunction and dysglycemia

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##   
## Attaching package: 'dplyr'

## The following objects are masked from 'package:plyr':  
##   
## arrange, count, desc, failwith, id, mutate, rename, summarise,  
## summarize

## The following objects are masked from 'package:stats':  
##   
## filter, lag

## The following objects are masked from 'package:base':  
##   
## intersect, setdiff, setequal, union

# Subject Characteristics

Subject characteristics

|  |  |  |  |
| --- | --- | --- | --- |
| Row | Baseline | Year3 | Year6 |
| Age (years) | 49.8 (10.0) | 54.5 (9.9) | 57.1 (9.7) |
| BMI | 31.1 (6.2) | 31.2 (6.3) | 31.0 (6.4) |
| Waist Circumference (cm) | 99.0 (15.4) | 100.1 (15.2) | 100.7 (15.4) |
| Estimated GFR (ml/min/1.73m^2) | 94.9 (14.7) | 89.4 (17.1) | 90.7 (15.0) |
| Microalbumin:Creatinine | 1.4 (5.4) | 1.8 (7.3) | 2.4 (12.3) |
| Urinary VDBP (ng/mL) | 70.4 (111.2) | 72.1 (135.5) | 105.5 (789.4) |
| Urinary Creatinine (mmol/L) | 11.8 (6.4) | 11.9 (9.0) | 11.4 (6.6) |
| Urinary Microalbumin (mg/L) | 12.5 (65.5) | 11.9 (33.0) | 14.0 (66.2) |
| Serum ALT (U/L) | 32.0 (17.3) | 28.6 (18.2) | 28.6 (33.9) |
| Creatinine | 70.2 (13.4) | 71.9 (15.2) | 69.0 (14.7) |
| Parathyroid Hormone (pmol/L) | 4.6 (1.7) | 5.0 (1.8) | 4.6 (1.9) |
| Serum 25(OH)D (nmol/L) | 55.5 (23.0) | 74.2 (26.2) | 84.3 (27.8) |
| Diastolic Blood Pressure (mmHg) | 80.1 (10.3) | 80.0 (10.1) | 79.5 (9.4) |
| Mean Arterial Pressure (mmHg) | 95.4 (11.4) | 95.7 (10.7) | 95.0 (10.5) |
| Systolic Blood Pressure (mmHg) | 126.1 (16.0) | 127.2 (15.0) | 125.9 (15.2) |
| Fasting | 5.1 (0.9) | 5.6 (1.2) | 5.5 (1.3) |
| 2h OGTT | 6.6 (2.9) | 6.8 (2.5) | 6.4 (1.9) |
| Diabetic Status |  |  |  |
| - Diabetes | 90 (12.2%) | 119 (19.2%) | 94 (19.7%) |
| - Normal | 611 (82.7%) | 361 (58.3%) | 294 (61.5%) |
| - Prediabetes | 38 (5.1%) | 139 (22.5%) | 90 (18.8%) |