|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Supplementary Table 5. Association of biomarkers with MAKE-90 outcome (death, RRT-dependency, 25% decrease in eGFR)** | | | | | | | | | | |
|  |  | | **Tertile 1** | | **Tertile 2** | | **Tertile 3** | | **Per 1-fold higher** | |
|  |  | | **OR (95% CI)** | | **OR (95% CI)** | | **OR (95% CI)** | | **OR (95% CI)** | |
|  |  | |  | |  | |  | |  | |
| **Urine Klotho** | | Range, pM | | ≤6.0 | | 6.8 to 21.1 | | 22.0 to 67.4 | |  | |
|  | | No. of patients | | 36 | | 30 | | 33 | |  | |
|  | | No. of MAKE-90 | | 26 | | 11 | | 10 | |  | |
|  | |  | |  | |  | |  | |  | |  |
|  | | Model 1 | | 1.00 (Ref) | | 0.17 (0.05, 0.54) | | 0.20 (0.07, 0.59) | | 0.54 (0.34, 0.85) | |
|  | | Model 2 | | 1.00 (Ref) | | 0.19 (0.05, 0.68) | | 0.17 (0.05, 0.61) | | 0.47 (0.28, 0.81) | |
|  | |  | |  | |  | |  | |  | |
| **Urine Klotho/Cr** | | Range, fmol/mg | | ≤11.4 | | 11.7 to 21.2 | | 22.3 to 92.8 | |  | |
|  | | No. of patients | | 33 | | 33 | | 33 | |  | |
|  | | No. of MAKE-90 | | 28 | | 13 | | 6 | |  | |
|  | |  | |  | |  | |  | |  | |
|  | | Model 1 | | 1.00 (Ref) | | 0.14 (0.04, 0.49) | | 0.05 (0.01, 0.20) | | 0.18 (0.09, 0.39) | |
|  | | Model 2 | | 1.00 (Ref) | | 0.10 (0.02, 0.43) | | 0.05 (0.01, 0.23) | | 0.17 (0.07, 0.40) | |
|  | |  | |  | |  | |  | |  | |
| **Serum FGF23** | | Range, pg/ml | | ≤21.5 | | 22.5 to 100.9 | | 104.3 to 4844.4 | |  | |
|  | | No. of patients | | 35 | | 36 | | 35 | |  | |
|  | | No. of MAKE-90 | | 9 | | 20 | | 25 | |  | |
|  | |  | |  | |  | |  | |  | |
|  | | Model 1 | | 1.00 (Ref) | | 2.87 (1.01, 8.17) | | 5.17 (1.73, 15.50) | | 1.92 (1.20, 3.07) | |
|  | | Model 2 | | 1.00 (Ref) | | 5.71 (1.59, 20.46) | | 6.45 (1.80, 23.06) | | 2.10 (1.26, 3.51) | |
|  | |  | |  | |  | |  | |  | |
| **FGF23-to-Klotho/Cr ratio** | | Range, loge x | | -2.93 to -0.14 | | -0.07 to 2.00 | | 2.01 to 6.22 | |  | |
|  | | No. of patients | | 33 | | 33 | | 33 | |  | |
|  | | No. of MAKE-90 | | 5 | | 16 | | 26 | |  | |
|  | |  | |  | |  | |  | |  | |
|  | | Model 1 | | 1.00 (Ref) | | 4.58 (1.39, 15.16) | | 15.0 (4.04, 55.60) | | 3.15 (1.75, 5.66) | |
|  | | Model 2 | | 1.00 (Ref) | | 7.28 (1.84, 28.81) | | 14.76 (3.34, 65.15) | | 3.22 (1.71, 6.09) | |
|  | |  | |  | |  | |  | |  | |
| Model 1: Adjust for age, sex, Charlson Comorbidity Index | | | | | | | | | | | | | |
| Model 2: Adjusted for age, sex, Charlson Comorbidity Index and non-renal APACHE II score | | | | | | | | | | | | | |