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| **Supplemental Data Table 5. Multivariable interaction on erythropoietin** |
|  |  | **Men (n= 3,395)** |  |  | **Women (n= 3,382)** |  |
| **Interactions §** | **β\*** | **95% Confidence interval** | **P-value** | **β\*** | **95% Confidence interval** | **P-value** |
| [Hemoglobin (g/dL) – 14.5]² \* Diabetes | 0.007 | -0.022 to 0.036 | 0.623 | 0.013 | -0.018 to 0.043 | 0.410 |
| [Hemoglobin (g/dL) – 14.5]² \* Hs-C-reactive protein (mg/L)† | -0.005 | -0.010 to 0.000 | 0.053 | -0.008 | -0.011 to -0.005 | <0.001 |
| [Hemoglobin (g/dL) – 14.5]² \* UAE ( mg/24h)† | -0.005 | -0.009 to -0.001 | 0.011 | 0.001 | -0.005 to 0.006 | 0.823 |
| [Hemoglobin (g/dL) – 14.5]² \* eGFR (per 10mL/min/1.73m²) | 0.003 | -0.001 to 0.007 | 0.135 | 0.006 | 0.002 to 0.010 | 0.001 |
| UAE ( mg/24h)† \* eGFR (per 10mL/min/1.73m²) | 0.002 | -0.005 to 0.008 | 0.591 | 0.002 | -0.007 to 0.011 | 0.691 |
| UAE ( mg/24h)† \* Hs-C-reactive protein (mg/L)† | 0.002 | -0.008 to 0.012 | 0.762 | -0.012 | -0.026 to 0.001 | 0.067 |
| eGFR (per 10mL/min/1.73m²) \* Hs-C-reactive protein (mg/L)† | -0.004 | -0.012 to 0.004 | 0.352 | 0.005 | -0.003 to 0.014 | 0.196 |
| \* The dependent variable erythropoietin was double log-transformed before included in the model. Therefore, a β of 1 should be interpreted as a doubling for each unit rise of the independent variable.† Both the dependent and independent variables were double log-transformed before included in the model. Therefore, a β of 1 should be interpreted as a doubling for each doubling of the independent variable.**§** All clinically important variables are included in the regression model.UAE = Urinary Albumin Excretion, eGFR = estimated Glomerular Filtration Rate. |