**TABLE S3**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | **UNIVARIATE** | | | **MULTIVARIATE** | | |
| **Variable** | **HR** | **CI95%** | **p** | **HR** | **CI95%** | **p** |
| Late pre-dialysis care | 1.25 | 1.08-1.45 | <0.01 | 1.20 | 1.03-1.41 | 0.01 |
| **Sociodemographic:** |  |  |  |  |  |  |
| Age >65 years | 3.00 | 2.57-3.50 | <0.01 | 2.97 | 2.52-3.50 | <0.01 |
| Biennium or year of initiation of PD: | - | - | - | - | - | - |
| 2005/2006 | 1.69 | 1.35-2.11 | <0.01 | 1.50 | 1.19-1.89 | 0.01 |
| 2007/2008 | 1.64 | 1.32-2.04 | <0.01 | 1.47 | 1.18-1.83 | 0.01 |
| 2009/2010 (reference) | - | - | - | - | - | - |
| Center Experience (patients-year) | 0.99 | 0.99-0.99 | 0.02 | 0.99 | 0.99-1.00 | 0.22 |
| Distance to PD center < 25km | 0.81 | 0.65-1.01 | 0.26 | - | - | - |
| Education < 4 years | 1.60 | 1.35-1.89 | <0.01 | 1.20 | 1.01-1.43 | 0.04 |
| Family Income <2MW | 1.46 | 1.26-1.70 | <0.01 | - | - | - |
| Gender (female) | 1.00 | 0.86-1.16 | 0.99 | - | - | - |
| Modality (CAPD) | 1.24 | 1.06-1.44 | <0.01 | 1.30 | 1.11-1.52 | <0.01 |
| Race (White) | 1.13 | 0.96-1.32 | 0.14 | 1.09 | 0.92-1.29 | 0.32 |
| Region South/Southeast (reference) | - | - | - | 1.45 | 1.20-1.74 | <0.01 |
| Region North/Northeast/Center West | 1.31 | 1.10-1.55 | <0.01 | - | - | - |
| Time of predialysis care | 0.99 | 0.99-0.99 | <0.01 | 0.99 | 0.99-0.99 | 0.01 |
| **Comorbidities:** |  |  |  |  |  |  |
| BMI (Kg/m2) | 0.97 | 0.95-0.98 | <0.01 | - | - | - |
| BMI (Kg/m2): | - | - | - | - | - | - |
| <18.5 | 1.66 | 1.29-2.14 | <0.01 | 1.58 | 1.22-2.05 | <0.01 |
| >25 | 0.88 | 0.76-1.03 | 0.123 | 0.88 | 0.75-1.03 | 0.11 |
| Coronary artery disease (yes) | 1.35 | 1.15-1.59 | <0.01 | 1.17 | 0.99-1.38 | 0.07 |
| Diabetes (yes) | 1.37 | 1.18-1.59 | <0.01 | 1.45 | 1.24-1.69 | <0.01 |
| Hypertension (yes) | 0.82 | 0.70-0.96 | 0.015 | 0.77 | 0.65-0.91 | <0.01 |
| Left Ventricular Hypertrophy (yes) | 1.07 | 0.92-1.25 | 0.39 | - | - | - |
| Malignancy (yes) | 1.40 | 0.96-2.04 | 0.08 | 1.26 | 0.86-1.84 | 0.24 |
| Peripheral artery disease (yes) | 1.76 | 1.50-2.07 | <0.01 | 1.40 | 1.18-1.66 | <0.01 |
| **Laboratory:** |  |  |  |  |  |  |
| Creatinine (mg/dl) – 1st quarter | 0.82 | 0.80-0.85 | <0.01 | - | - | - |
| Creatinine (mg/dl) time-averaged | 0.90 | 0.87-0.93 | <0.01 | - | - | - |
| Glucose (mg/dl) – 1st quarter | 1.00 | 1.00-1.00 | <0.01 | - | - | - |
| Glucose (mg/dl) time-averaged | 1.00 | 1.00-1.00 | <0.01 | - | - | - |
| Hemoglobin (g/dl) – 1st quarter | 0.95 | 0.91-0.99 | 0.02 | - | - | - |
| Hemoglobin (g/dl) time-averaged | 0.82 | 0.78-0.87 | <0.01 | - | - | - |
| Hemoglobin (g/dl): | - | - | - | - | - | - |
| <10 | - | - | - | 2.20 | 1.81-2.67 | <0.01 |
| >12 | - | - | - | 0.89 | 0.75-1.06 | 0.19 |
| Phosphorus (mg/dl) –1st quarter | 0.81 | 0.76-0.86 | <0.01 | - | - | - |
| Phosphorus (mg/dl) time-averaged | 0.70 | 0.65-0.76 | <0.01 | - | - | - |
| Phosphorus (mg/dl): | - | - | - | - | - | - |
| < 3.5 | - | - | - |  |  |  |
| >5 | - | - | - |  |  |  |
| Potassium (mEq/l) – 1st quarter | 0.72 | 0.64-0.80 | <0.01 | - | - | - |
| Potassium (mEq/l) time-averaged | 0.61 | 0.54-0.70 | <0.01 | - | - | - |
| Potassium (mEq/l): | - | - | - | - | - | - |
| < 3.5 | - | - | - | 2.34 | 1.87-2.92 | <0.01 |
| >5.5 | - | - | - | 1.74 | 1.19-2.54 | <0.01 |