**Table S2. Mortality by vitamin D level in non-NAFLD participants**

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable** |  | **Age, sex, race adjusted model** | |
| **No. of deaths** | **HR (95%CI)** | ***p*** |
| **All-cause mortality** | | | |
| **Vitamin D ≥20 mg/dL** | 816 | REF | 0.14 |
| **Vitamin D <20 mg/dL** | 613 | 1.14 (0.96-1.35) |  |
| **Cardiovascular disease** | | | |
| **Vitamin D ≥20 mg/dL** | 169 | REF | 0.07 |
| **Vitamin D <20 mg/dL** | 132 | 1.33 (0.97-1.83) |  |
| **Malignancy** | | | |
| **Vitamin D ≥20 mg/dL** | 213 | REF | 0.93 |
| **Vitamin D <20 mg/dL** | 162 | 0.99 (0.74-1.31) |  |
| **Cerebrovascular disease** | | | |
| **Vitamin D ≥20 mg/dL** | 45 | REF | 0.15 |
| **Vitamin D <20 mg/dL** | 43 | 1.76 (0.81-3.79) |  |
| **Lung disease** | | | |
| **Vitamin D ≥20 mg/dL** | 57 | REF | <0.01 |
| **Vitamin D <20 mg/dL** | 57 | 2.55 (1.43-4.56) |
| **Kidney disease** | | | |
| **Vitamin D ≥20 mg/dL** | 7 | REF | 0.18 |
| **Vitamin D <20 mg/dL** | 4 | 0.41 (0.11-1.51) |
| **Diabetes** | | | |
| **Vitamin D ≥20 mg/dL** | 20 | REF | 0.18 |
| **Vitamin D <20 mg/dL** | 27 | 2.18 (0.70-6.73) |  |
| **Alzheimer’s disease** | | | |
| **Vitamin D ≥20 mg/dL** | 16 | REF | 0.93 |
| **Vitamin D <20 mg/dL** | 13 | 0.96 (0.37-2.50) |