# Table S5. Adjusted hazard ratios of the serum total protein levels for risk of all-cause and cause-specific mortality among adult individuals in the United States from the NHANES 1999-2006 database.

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| --- | --- | --- | --- | --- | --- | --- |
|  | **Age-sex adjusted Model** | | **Multivariable Model 1** | | **Multivariable Model 2** | |
|  | **HR (95% CI)** | ***p*** | **HR (95% CI)** | ***p*** | **HR (95% CI)** | ***p*** |
| **All-cause mortality** |  |  |  |  |  |  |
| Total protein≥60 g/L | Ref. |  | Ref. |  | Ref. |  |
| Total protein<60 g/L | 2.180 (1.188-4.002) | 0.012 | 2.769 (1.441-5.319) | 0.002 | 2.495 (1.224-5.087) | 0.011 |
| **Cardiovascular mortality** |  |  |  |  |  |  |
| Total protein≥60 g/L | Ref. |  | Ref. |  | Ref. |  |
| Total protein<60 g/L | 3.119 (1.183-8.221) | 0.021 | 3.314 (1.051-10.451) | 0.041 | 2.926 (0.961-8.908) | 0.059 |

Note*:* Multivariable Cox regression model 1 was adjusted for age, sex, marital status, hypertension, T2DM, and body mass index. Model 2 was adjusted for model 1’s covariates *plus* serum GGT, ALT, total cholesterol, triglycerides, and platelet count.Abbreviations: ALT: alanine aminotransferase; CI, confidence interval; HR, hazard ratio; GGT: gamma-glutamyl transferase.