**Table, Supplemental Digital Content 7.** Multivariate Cox regression analysis for the prediction of 28 and 90-day mortality in AH.

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| **Mortality at 28 days\*** |
|  | **B** | **SE** | **HR** | **95% CI** | **p-value** |
| **Bilirubin** | 0.026 | 0.005 | 1.027 | 1.016-1.038 | <0.001 |
| **Gender** | -0.119 | 0.139 | 0.888 | 0.676-1.167 | 0.395 |
| **Age** | 0.035 | 0.005 | 1.036 | 1.026-1.046 | <0.001 |
| **Leucocytes** | 0.016 | 0.004 | 1.016 | 1.008-1.023 | <0.001 |
| **INR** | 0.280 | 0.039 | 1.324 | 1.226-1.429 | <0.001 |
| **AST** | 0.002 | 0.001 | 1.002 | 1.001-1.003 | 0.005 |
| **Creatinine** | 0.180 | 0.030 | 1.197 | 1.128-1.270 | <0.001 |
| **Urea** | 0.002 | 0.002 | 1.002 | 0.998-1.005 | 0.335 |
| **Albumin** | -0.013 | 0.008 | 0.987 | 0.972-1.003 | 0.106 |
| **Sodium** | -0.037 | 0.008 | 0.964 | 0.948-0.980 | <0.001 |
| **Mortality at 90 days\*** |
|  | **B** | **SE** | **HR** | **95% CI** | **p-value** |
| **Bilirubin** | 0.032 | 0.004 | 1.033 | 1.024-1.042 | <0.001 |
| **Gender** | -0.211 | 0.110 | 0.810 | 0.653-1.004 | 0.055 |
| **Age** | 0.032 | 0.004 | 1.033 | 1.025-1.041 | <0.001 |
| **Leucocytes** | 0.017 | 0.003 | 1.017 | 1.011-1.024 | <0.001 |
| **INR** | 0.278 | 0.033 | 1.320 | 1.238-1.408 | <0.001 |
| **AST** | 0.001 | 0.001 | 1.001 | 1.001-1.002 | 0.024 |
| **Creatinine** | 0.175 | 0.026 | 1.192 | 1.132-1.255 | <0.001 |
| **Urea** | 0.002 | 0.001 | 1.002 | 1.000-1.005 | 0.091 |
| **Albumin** | -0.016 | 0.006 | 0.985 | 0.972-0.997 | 0.014 |
| **Sodium** | -0.035 | 0.007 | 0.966 | 0.953-0.979 | <0.001 |

\* The multivariate Cox regression analysis included those variables with a p-value less than 0.001 on the univariate analysis for 28 and 90-days mortality.

INR: International normalized ratio, AST: aspartate aminotransferase