**Table, Supplemental Digital Content 6.** Univariate 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** |
| **MELD** | 0.088 | 0.005 | 1.092 | 1.082-1.102 | <0.001 |
| **MELD-Na** | 0.110 | 0.006 | 1.116 | 1.103-1.129 | <0.001 |
| **mDF** | 0.008 | 0.001 | 1.01 | 1.007-1.009 | <0.001 |
| **GAHS** | 0.569 | 0.037 | 1.767 | 1.645-1.898 | <0.001 |
| **ABIC** | 0.392 | 0.024 | 1.480 | 1.413-1.550 | <0.001 |
| **Country** | -0.048 | 0.010 | 0.953 | 0.934-0.973 | <0.001 |
| **GGT** | -0.001 | 0.000 | 0.999 | 0.999-1.000 | 0.031 |
| **Bilirubin** | 0.043 | 0.004 | 1.043 | 1.036-1.051 | <0.001 |
| **Gender** | -0.388 | 0.110 | 0.678 | 0.546-0.842 | <0.001 |
| **Age** | 0.021 | 0.004 | 1.022 | 1.013-1.030 | <0.001 |
| **OH (gr/day)** | 0.001 | 0.000 | 1.001 | 1.000-1.001 | 0.009 |
| **Leucocytes** | 0.019 | 0.003 | 1.019 | 1.014-1.024 | <0.001 |
| **Haemoglobin** | -0.070 | 0.024 | 0.932 | 0.890-0.976 | 0.003 |
| **Haematocrit** | -0.030 | 0.010 | 0.971 | 0.952-0.990 | 0.003 |
| **INR** | 0.309 | 0.031 | 1.361 | 1.280-1.448 | <0.001 |
| **Prothrombin time** | 0.034 | 0.003 | 1.034 | 1.029-1.040 | <0.001 |
| **AST** | 0.003 | 0.001 | 1.003 | 1.002-1.004 | <0.001 |
| **ALT** | 0.004 | 0.001 | 1.004 | 1.001-1.006 | 0.003 |
| **Creatinine** | 0.279 | 0.019 | 1.321 | 1.274-1.371 | <0.001 |
| **Urea** | 0.010 | 0.001 | 1.010 | 1.008-1.012 | <0.001 |
| **AP** | -0.001 | 0.000 | 0.999 | 0.998-1.000 | 0.040 |
| **Albumin** | -0.032 | 0.006 | 0.968 | 0.956-0.980 | <0.001 |
| **Sodium** | -0.052 | 0.008 | 0.950 | 0.935-0.964 | <0.001 |
| **Potassium** | 0.080 | 0.035 | 1.083 | 1.011-1.160 | 0.022 |
| **Mortality at 90 days\*\*** | | | | | |
|  | **B** | **SE** | **HR** | **95% CI** | **p-value** |
| **MELD** | 0.090 | 0.004 | 1.094 | 1.086-1.103 | <0.001 |
| **MELD-Na** | 0.114 | 0.005 | 1.120 | 1.110-1.131 | <0.001 |
| **mDF** | 0.007 | 0.000 | 1.008 | 1.007-1.008 | <0.001 |
| **GAHS** | 0.553 | 0.029 | 1.738 | 1.641-1.841 | <0.001 |
| **ABIC** | 0.397 | 0.020 | 1.487 | 1.430-1.546 | <0.001 |
| **Country** | -0.041 | 0.008 | 0.960 | 0.944-0.975 | <0.001 |
| **GGT** | -0.001 | 0.000 | 0.999 | 0.999-1.000 | 0.008 |
| **Bilirubin** | 0.044 | 0.003 | 1.045 | 1.039-1.051 | <0.001 |
| **Gender** | -0.444 | 0.089 | 0.642 | 0.539-0.764 | <0.001 |
| **Age** | 0.019 | 0.003 | 1.019 | 1.012-1.026 | <0.001 |
| **Race** | 0.052 | 0.019 | 1.054 | 1.016-1.093 | 0.005 |
| **OH (gr/day)** | 0.001 | 0.000 | 1.001 | 1.000-1.001 | 0.014 |
| **Leucocytes** | 0.022 | 0.002 | 1.022 | 1.018-1.026 | <0.001 |
| **Haemoglobin** | -0.067 | 0.019 | 0.935 | 0.901-0.971 | 0.003 |
| **Haematocrit** | -0.028 | 0.008 | 0.972 | 0.957-0.988 | 0.001 |
| **INR** | 0.306 | 0.027 | 1.358 | 1.289-1.430 | <0.001 |
| **Prothrombin time** | 0.032 | 0.002 | 1.033 | 1.028-1.038 | <0.001 |
| **AST** | 0.002 | 0.001 | 1.002 | 1.001-1.003 | <0.001 |
| **ALT** | 0.003 | 0.001 | 1.003 | 1.001-1.005 | 0.013 |
| **Creatinine** | 0.294 | 0.016 | 1.342 | 1.300-1.386 | <0.001 |
| **Urea** | 0.011 | 0.001 | 1.011 | 1.010-1.013 | <0.001 |
| **Albumin** | -0.030 | 0.005 | 0.970 | 0.961-0.980 | <0.001 |
| **Sodium** | -0.050 | 0.006 | 0.951 | 0.940-0.963 | <0.001 |
| **Potassium** | 0.069 | 0.030 | 1.072 | 1.011-1.135 | 0.019 |

\* Non-significant: race, platelets, AST/ALT ratio

\*\* Not significant: platelets, AST/ALT ratio, AP

MELD: model for end-stage liver disease, mDF: Maddrey’s discriminant function, GAHS: Glasgow alcoholic hepatitis score, ABIC: age, bilirubin, international normalized ratio and creatinine score, GGT: gamma glutamyl transferase, INR: International normalized ratio, AST: aspartate aminotransferase, ALT: alanine aminotransferase, AP: alkaline phosphatase