**Supplementary Table 1. Univariate and multivariate logistic regression of the risk factors for the development of EHOF**

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| **Factor** | ***p*-value for univariate** | **Multivariate** |
| **OR (95% CI)** | ***p*-value** |
| Age | 0.002 | 1.03 (1.01-1.05) | 0.002 |
| Sex | 0.346 | N/A | N/A |
| EtiologyHBVAlcoholHBV+alcoholOthers | 0.4740.5660.459 | N/A | N/A |
| WGO typeABC | 0.2360.094 | N/A | N/A |
| InsultNot identifiedHepaticExtrahepaticBoth | 0.5980.7210.479 | N/A | N/A |
| Bacterial infection | 0.001 | 2.02 (1.33-3.05) | 0.001 |
| Ascites | 0.603 | N/A | N/A |
| ALT | 0.798 | N/A | N/A |
| AST | 0.535 | N/A | N/A |
| Alb | 0.408 | N/A | N/A |
| TBil | 0.392 | N/A | N/A |
| Hb, g/L | 0.534 | N/A | N/A |
| WBC, ×109/L | 0.297 | N/A | N/A |

Variables with *p*>0.05 in the univariate regression were not included for multivariate regressions. Patients who had EHOF within 24 h after admission were excluded from the investigation of risk factors for EHOF. Acute variceal bleeding was not included as it was associated with coagulation failure. Variables with *p*>0.05 in the univariate regression were not included for multivariate regressions. Alb, albumin; ALT, Alanine aminotransferase; AST, Aspartate aminotransferase; BUN, blood urea nitrogen; EHOF, extrahepatic organ failure; HBV, hepatitis B virus; Hb, hemoglobin; TBil, total bilirubin; WBC, white blood cell; WGO, World Gastroenterology Organization.