**Supplementary Table 4** Multivariable logistic regression analysis of predictors for further decompensation within 1 year after TIPS in patients with decompensated cirrhosis

| **Variables** | **β** | **S.E** | | **Z** | ***P*** | **OR (95%CI)** |
| --- | --- | --- | --- | --- | --- | --- |
|
| Intercept | 0.538 | 1.469 | | 0.366 | 0.714 | 1.712 (0.096 ~ 30.457) |
| Right Hepatic Lobe Volume | -0.381 | 0.125 | | -3.047 | **0.002** | 0.683 (0.535 ~ 0.873) |
| Spleen Volume | 0.361 | 0.075 | | 4.840 | **<.001** | 1.435 (1.240 ~ 1.661) |
| PPG Reduction | -0.040 | 0.018 | | -2.176 | **0.030** | 0.961 (0.927 ~ 0.996) |
| OR: Odds Ratio, CI: Confidence.  PPG: Portal Pressure Gradient. | | |