**Supplementary Table 7.** Sensitivity analysis of predictor effects and model performance after excluding early hepatic

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Variable** | **Model 1a OR (95% CI)** | **Model 2b OR (95% CI)** | **ΔOR (absolute change)** | ***P*** |
| Right Hepatic Lobe Volume | 0.683 (0.535 - 0.873) | 0.703 (0.546-0.904) | 0.020 | 0.874 |
| Spleen Volume | 1.435 (1.240 - 1.661) | 1.474 (1.262-1.721) | 0.039 | 0.808 |
| Reduction of PPG by TIPS | 0.961 (0.927 - 0.996) | 0.957 (0.921-0.994) | -0.004 | 0.891 |
| Model AUC | 0.854 | 0.870 | 0.016 | 0.711 |

 encephalopathy cases

**a**Model 1: Full cohort (n=152); **b**Model 2: Early HE-excluded cohort (n=147); ΔOR = Model 2 OR - Model 1 OR; P values from interaction tests; AUC comparison by DeLong's method.