**Table S2.** **Frequency of groups of variables associated PHLF selected by the LASSO logistic regression modeling with 10-fold cross-validation repeated 1,000 times**

|  |  |  |
| --- | --- | --- |
| **No.** | **Group of variables selected** | **Frequency** |
| 1 | IV-col + TB + ALB + INR + PLT + Extent of resection + Blood loss | 723 |
| 2 | Age + IV-col + TB + ALB + INR + PLT + Extent of resection + Blood loss | 123 |
| 3 | IV-col + TB + INR + PLT + Extent of resection + Blood loss | 103 |
| 4 | IV-col + TB + INR + Extent of resection + Blood loss | 42 |
| 5 | Sex + Age + IV-col + TB + ALB + INR + PLT + Extent of resection + Blood loss | 5 |
| 6 | IV-col + TB + INR + Blood loss | 2 |
| 7 | IV-col + INR | 1 |
| 8 | Sex + Age + IV-col + TB + ALB + INR + PLT + Extent of resection + Hilar occlusion + Blood loss | 1 |
| 9 | No variable was selected | 0 |