**Supplementary Table 1.** **The cutoff values for DBIL and ALB.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | Ln（DBIL） | | ALB | |
|  | Stage | 0~50% | 50%~100% | 0~50% | 50%~100% |
| Complications | Preoperative phase | None | | None | |
|  | postoperative phase1 | 3.977 | | 32.7 | |
|  | postoperative phase2 | 2.532 | 4.261 | 32.8 | |
|  | postoperative phase3 | 1.675 | 2.974 | None | |
| Mortality | Preoperative phase | None | | None | |
|  | postoperative phase1 | None | | 26.7 | 35 |
|  | postoperative phase2 | 4.881 | | None | |
|  | postoperative phase3 | 1.194 | 3.017 | 32.4 | 40.3 |