

Supplementary Table 4. Risk factors for mortality in the Group 1 and Group 2 by univariate analysis

	Group 1		Group 2	
	OR (95% CI)	P-value	OR (95% CI)	P-value
Male sex	0.877 (0.360–2.139)	0.773	5.093 (0.001–37.027)	0.625
Age	0.986 (0.950–1.022)	0.440	0.498 (0.103–2.399)	0.385
ICG-R15	1.033 (0.983–1.085)	0.199	0.012 (0.002–153.299)	0.612
ALBI grade				
1	1 (1)		1 (1)	
2	0.712 (0.333–1.521)	0.381	1.000 (0.001–88.873)	0.934
3	-	-	11.375 (0.001–143.019)	0.710
APRI > 1.0	0.735 (0.283–1.909)	0.527	38.809 (0.003–579.826)	0.761
AFP > 40 ng/mL	1.327 (0.614–2.868)	0.471	0.035 (0.005–498.860)	0.756
PIVKA-II > 75 mAU/mL	2.352 (1.008–5.488)	0.048	0.007 (0.003–280.533)	0.581
Extent of operation (major)	0.770 (0.379–1.563)	0.470	0.017 (0.002–162.452)	0.618
Anatomical liver resection	0.732 (0.368–1.458)	0.375	0.005 (0.003–74.022)	0.583
Laparoscopic liver resection	3.010 (1.406–6.443)	0.005	0.024 (0.005–590.252)	0.668
Operation time	1.002 (0.998–1.006)	0.422	0.977 (0.935–1.021)	0.297
Intraoperative RBC transfusion	2.365 (0.874–6.400)	0.090	0.047 (0.007–959.817)	0.893
Blood loss during operation	1.000 (1.000–1.001)	0.515	1.002 (0.997–1.007)	0.855
Hospitalization	1.058 (1.032–1.086)	<0.001	1.122 (0.949–1.326)	0.178
Tumor size	1.040 (0.944–1.145)	0.426	1.128 (0.686–1.855)	0.635
Tumor grade 3 or 4	1.535 (0.582–4.044)	0.386	0.035 (0.002–498.860)	0.756
Encapsulation	0.686 (0.307–1.532)	0.358	24.424 (0.007–696.753)	0.812
Microvascular invasion	2.021 (1.009–4.049)	0.047	28.393 (0.002–402.172)	0.756
PVTT	1.382 (0.187–10.210)	0.751	-	-
Satellite nodule	4.879 (1.416–16.818)	0.012	1.000 (0.001–220.683)	0.977
Free resection margin	0.989 (0.942–1.038)	0.653	0.966 (0.750–1.244)	0.788
Cirrhosis	0.495 (0.203–1.204)	0.121	105.972 (0.003–190.993)	0.584

OR, odds ratio; 95% CI, 95% confidence interval; ICG-R15, indocyanine green at 15 minutes; ALBI, albumin-bilirubin; APRI, aspartate transaminase to platelet ratio index; AFP, alpha-fetoprotein; PIVKA-II, proteins induced by vitamin K absence or antagonist-II; RBC, red blood cell; PVTT, portal vein tumor thrombosis.