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Supplementary Table 2. Independent predictors of grade B-C PHLF

Variables	Univariate			Multivariate		
	OR	95% CI	*P*-value	OR	95% CI	*P*-value
Demographical variables						
Age (years)	0.985	0.945–1.027	0.476	-	-	-
Male sex	1.523	0.538–4.309	0.428	-	-	-
Body mass index (kg/m^2)	1.122	0.976–1.289	0.106	-	-	-
Laboratory variables						
Aspartate aminotransferase (IU/L)	1.104	1.001–1.028	0.048	1.013	0.998–1.029	0.079
Alanine aminotransferase (IU/L)	1.002	0.992–1.012	0.691	-	-	-
Platelet count (10^9/L)	1.002	0.995–1.009	0.546	-	-	-
HBV-DNA levels ($\log_{10}$ IU/mL)	1.016	0.834–1.238	0.874	-	-	-
Alpha-fetoprotein (ng/mL)	1.000	1.000–1.000	0.711	-	-	-
Des-gamma carboxyprothrombin (mAU/mL)	1.000	1.000–1.000	0.589	-	-	-
ICG R15 (%)	1.026	0.981–1.074	0.259	-	-	-
WFA$^+$-M2BP (COI)	1.210	0.827–1.771	0.326	-	-	-
On-going antiviral therapy	1.051	0.204–5.416	0.952	-	-	-
Operative variables						
Major hepatectomy (vs. minor)	0.233	0.101–0.537	0.001	4.254	1.824–9.919	0.001
Open surgery (vs. robotic or laparascopic)						
Blood loss (mL)	1.000	1.000–1.001	0.178	-	-	-
Blood transfusion	2.580	0.721–9.227	0.145	-	-	-
Tumor pathology						
Maximal tumor size (cm)	1.032	0.842–1.264	0.762	-	-	-
Multiple tumors (vs. single)	0.560	0.122–2.582	0.457	-	-	-
Portal vein invasion	0.338	0.042–2.691	0.305	-	-	-
Microscopic vascular invasion	0.805	0.358–1.813	0.601	-	-	-
Satellite nodule	1.071	0.222–5.171	0.932	-	-	-
Edmondson-Steiner grade III-V (vs. I-II)	0.936	0.413–2.118	0.873	-	-	-
Non-tumor pathology						
F4 fibrosis (vs. F0-3)	2.235	0.926–5.393	0.074	-	-	-
A3 activity grade (vs. A0-2)	0.663	0.078–5.608	0.706	-	-	-

PHLF, posthepatectomy liver failure; OR, odds ratio; CI, confidence interval; HBV, hepatitis B virus; ICG R15, indocyanine green retention rate at 15 minutes; WFA$^+$-M2BP, *Wisteria floribunda* agglutinin-positive human Mac-2 binding protein.