Supplementary Table 6. Cox regression analysis of factors associated PFS (A) before and (B) after IPTW

(A) Before IPTW

Variables	Crude HR (95% CI)	*P*-value	Adjusted HR (95% CI)	*P*-value
Sex				
Female	1 [Reference]			
Male	1.14 (0.92–1.40)	0.24		
Age				
≤60 years	1 [Reference]		1 [Reference]	
>60 years	1.99 (1.59–2.49)	<0.001	1.29 (1.01–1.64)	0.04
HBV infection				
Non-CHB group	1 [Reference]		1 [Reference]	
CHB group	0.61 (0.40–0.94)	0.03	0.56 (0.37–0.87)	0.01
Ann Arbor classification				
Early (I–II)	1 [Reference]		1 [Reference]	
Advanced (III–IV)	3.09 (2.42–3.95)	<0.001	1.63 (1.23–2.17)	<0.001
LDH	3.31 (2.66–4.13)	<0.001	2.11 (1.66–2.69)	<0.001
Underlying liver status				
No cirrhosis	1 [Reference]		1 [Reference]	
Cirrhosis	1.86 (1.29–2.68)	<0.001	1.30 (0.88–1.92)	0.19
Extranodal involvement				
No	1 [Reference]		1 [Reference]	
Yes	1.60 (1.24–2.05)	<0.001	1.35 (1.04–1.75)	0.02
IPI risk				
Low/Low-intermediate	1 [Reference]		1 [Reference]	
High/High-intermediate	3.15 (2.50–3.97)	<0.001	1.76 (1.35–2.30)	<0.001
BM involvement				
No	1 [Reference]		1 [Reference]	
Yes	2.34 (1.84–2.97)	<0.001	1.64 (1.26–2.15)	<0.001
Subtype of DLBCL				
GCB	1 [Reference]		1 [Reference]	
Non-GCB	1.54 (1.23–1.94)	<0.001	1.29 (1.02–1.64)	0.03

Supplementary Table 6. Continued

(B) After IPTW

Variables	Crude HR (95% CI)	*P*-value	Adjusted HR (95% CI)	*P*-value
Sex				
Female	1 [Reference]			
Male	0.72 (0.48–1.07)	0.10		
Age				
≤60 years	1 [Reference]		1 [Reference]	
>60 years	1.84 (1.23–2.74)	0.002	1.07 (0.69–1.67)	0.74
HBV infection				
Non-CHB group	1 [Reference]		1 [Reference]	
CHB group	0.53 (0.34–0.82)	0.004	0.50 (0.32–0.77)	0.002
Ann Arbor classification				
Early (I–II)	1 [Reference]		1 [Reference]	
Advanced (III–IV)	4.42 (2.61–7.47)	<0.001	3.09 (1.79–5.32)	<0.001
LDH	2.39 (1.59–3.62)	<0.001	1.05 (0.69–1.60)	0.81
Underlying liver status				
No cirrhosis	1 [Reference]		1 [Reference]	
Cirrhosis	3.27 (1.94–5.52)	<0.001	2.14 (1.25–3.67)	<0.001
Extranodal involvement				
No	1 [Reference]		1 [Reference]	
Yes	1.06 (0.64–1.76)	0.81	0.78 (0.47–1.30)	0.34
IPI risk				
Low/Low-intermediate	1 [Reference]		1 [Reference]	
High/High-intermediate	4.11 (2.64–6.40)	<0.001	2.63 (1.57–4.40)	<0.001
BM involvement				
No	1 [Reference]			
Yes	1.08 (0.97–1.19)	0.17		
Subtype of DLBCL				
GCB	1 [Reference]		1 [Reference]	
Non-GCB	0.93 (0.84–1.02)	0.12	0.99 (0.90–1.08)	0.76

BM, bone marrow; CHB, chronic hepatitis B; CI, confidence interval; DLBCL, diffuse large B-cell lymphoma; GCB, germinal center B cell; HBV, hepatitis B virus; HR, hazard ratio; IPI, International Prognostic Index; IPTW, inverse probability of treatment weighting; LDH, lactate dehydrogenase; PFS, progression-free survival.