Table S1. Pairwise comparisons of time-dependent area under the ROC curve among albumin, prealbumin, and their combined stratification at 1- to 5-year time points for overall survival and recurrence-free survival.

Time (years) OS	1-year	2-year	3-year	4-year	5-year
Albumin vs. prealbumin	0.971	0.090	0.056	0.004	0.052
Albumin vs. Albumin and prealbumin status	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Prealbumin vs. Albumin and prealbumin status	0.029	0.116	0.034	0.080	0.009
Time (years) RFS	1-year	2-year	3-year	4-year	5-year
Albumin vs. prealbumin	0.024	0.136	0.011	0.034	0.154
Albumin vs. Albumin and prealbumin status	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Prealbumin vs. Albumin and prealbumin status	0.190	0.019	0.158	0.070	0.037

Figure S1.

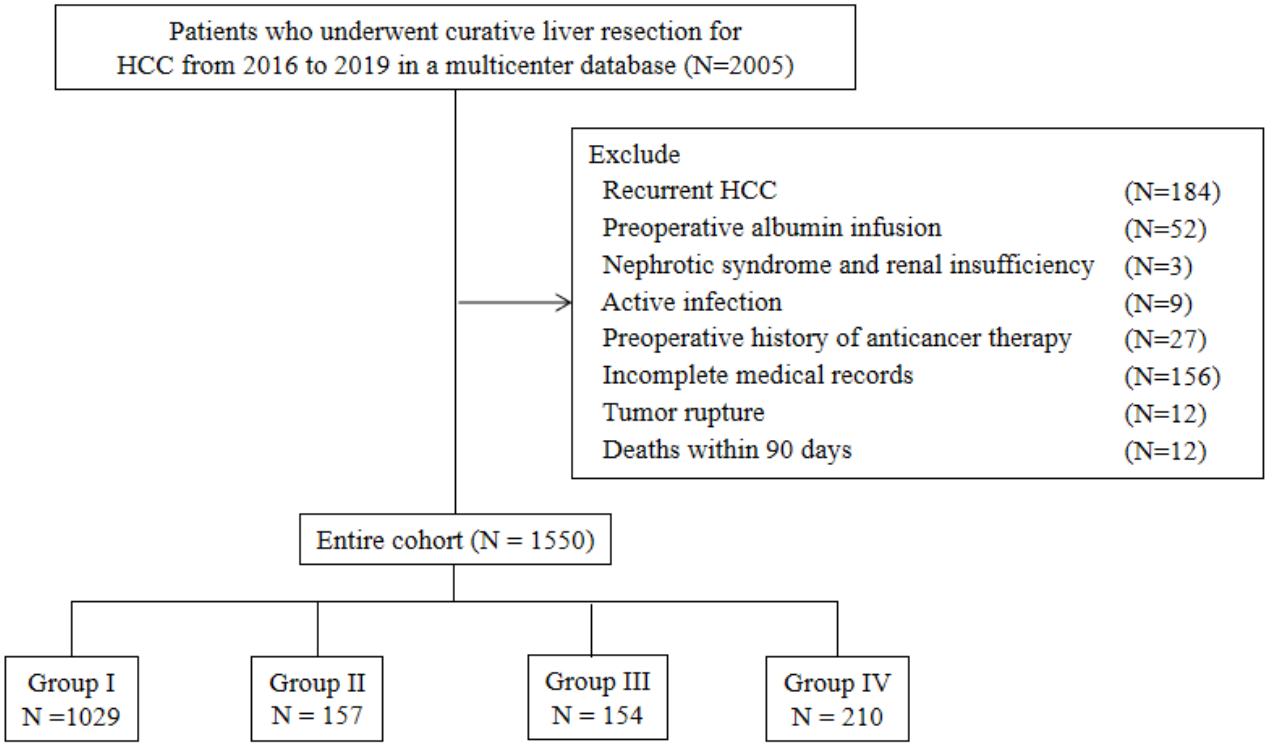
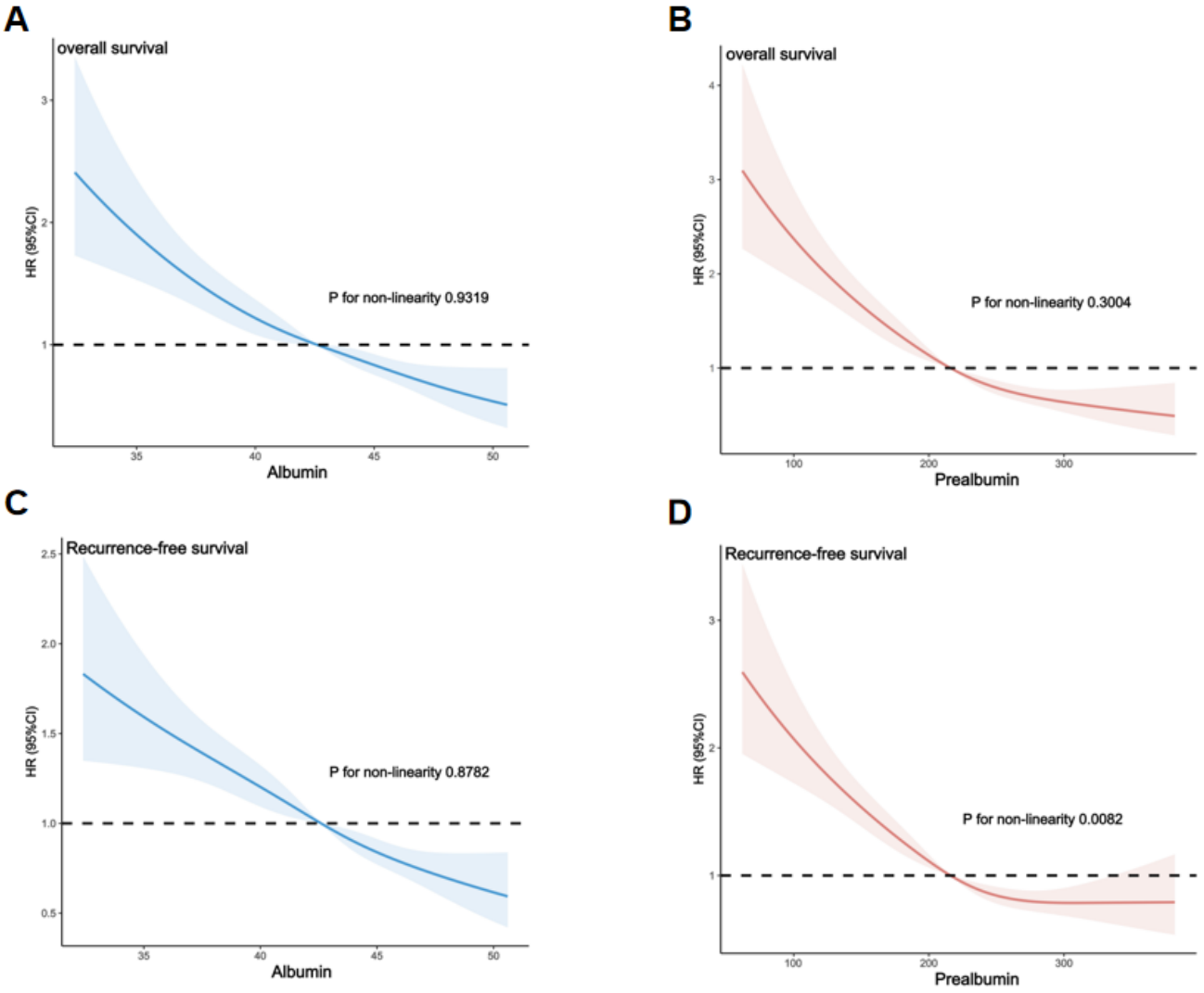

Patients who underwent curative liver resection for HCC from 2016 to 2019 in a multicenter database (N=2005)
Exclude
Recurrent HCC (N=184)
Preoperative albumin infusion (N=52)
Nephrotic syndrome and renal insufficiency (N=3)
Active infection (N=9)
Preoperative history of anticancer therapy (N=27)
Incomplete medical records (N=156)
Tumor rupture (N=12)
Deaths within 90 days (N=12)
Entire cohort (N = 1550)
Group I N =1029
Group II N = 157
Group III N = 154
Group IV N = 210

Figure S2.


A
overall survival
HR (95%CI)
P for non-linearity 0.9319
Albumin
B
overall survival
HR (95%CI)
P for non-linearity 0.3004
Prealbumin
C
Recurrence-free survival
HR (95%CI)
P for non-linearity 0.8782
Albumin
D
Recurrence-free survival
HR (95%CI)
P for non-linearity 0.0082
Prealbumin