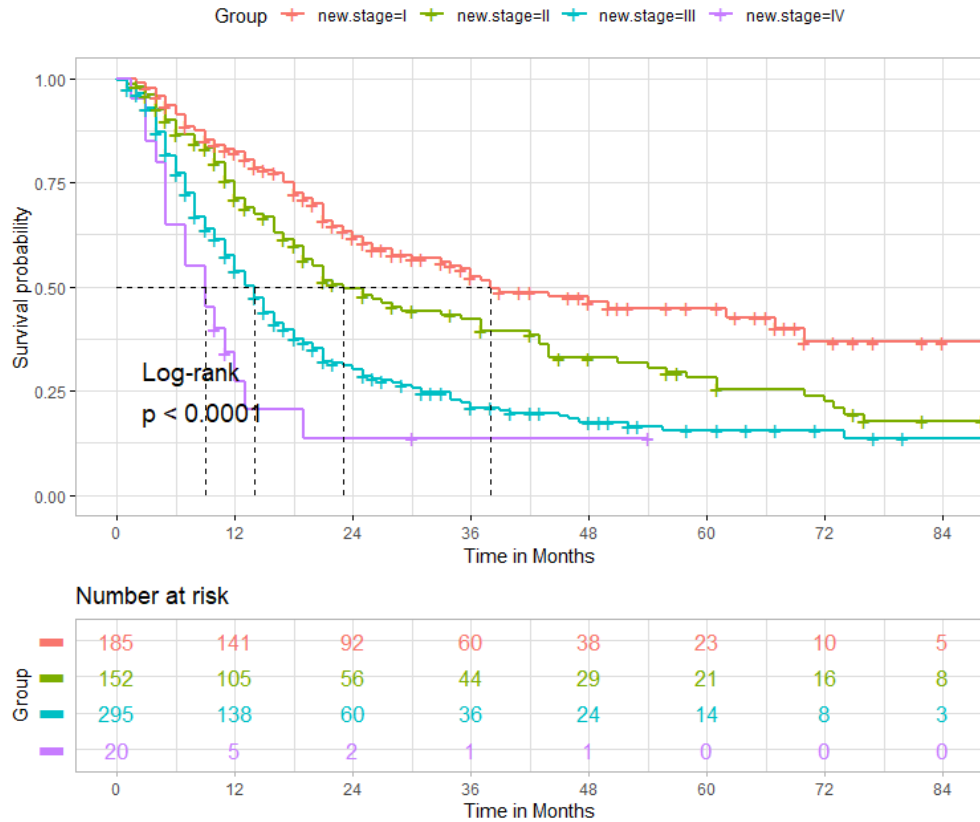


S1A



S1B

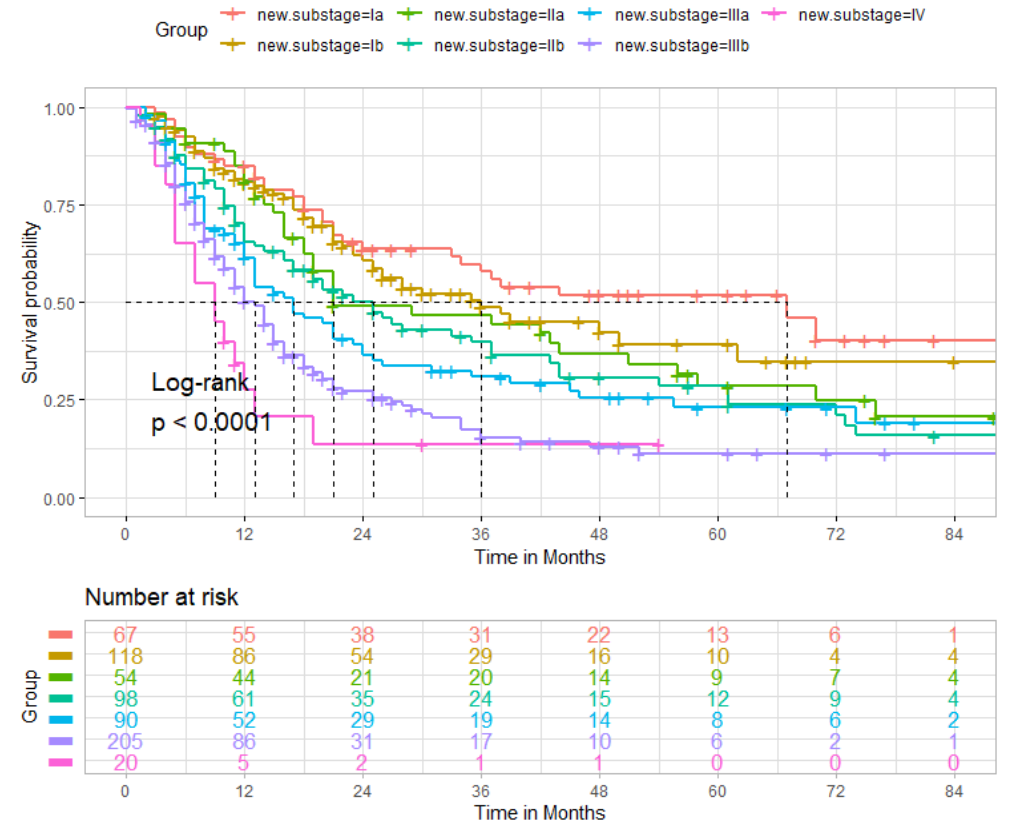
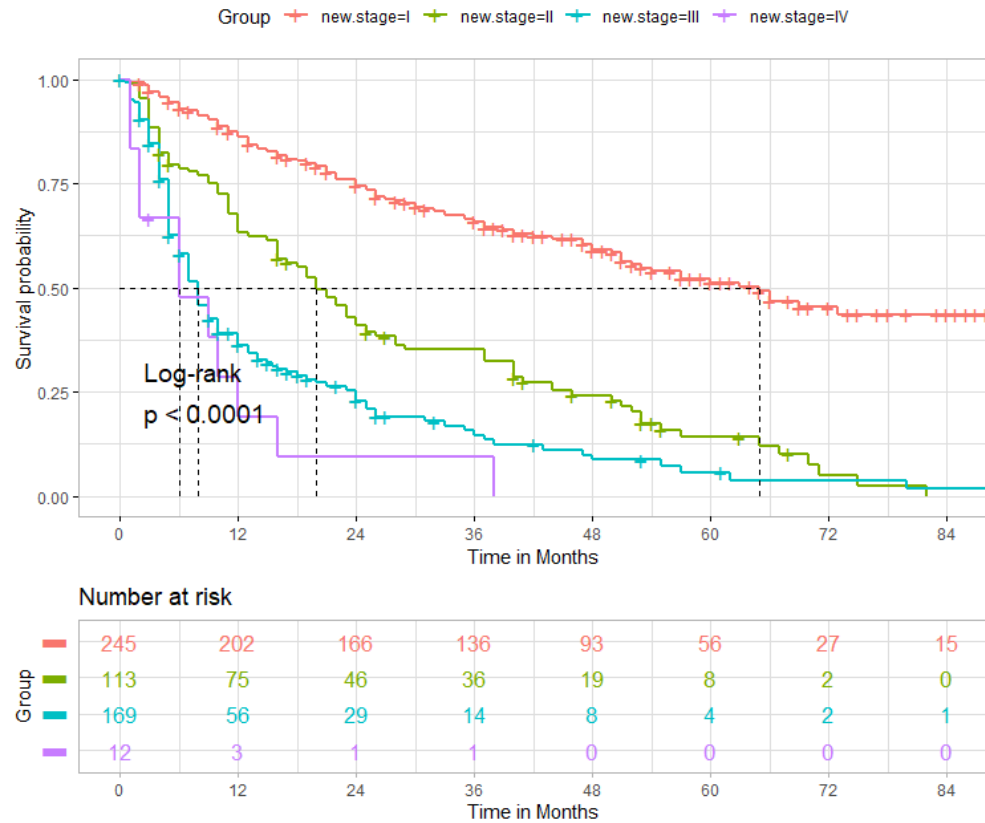


Figure S1. (a) Four stages in the pretreatment cohort. (b) Seven substages in the pretreatment cohort.

S1C



S1D

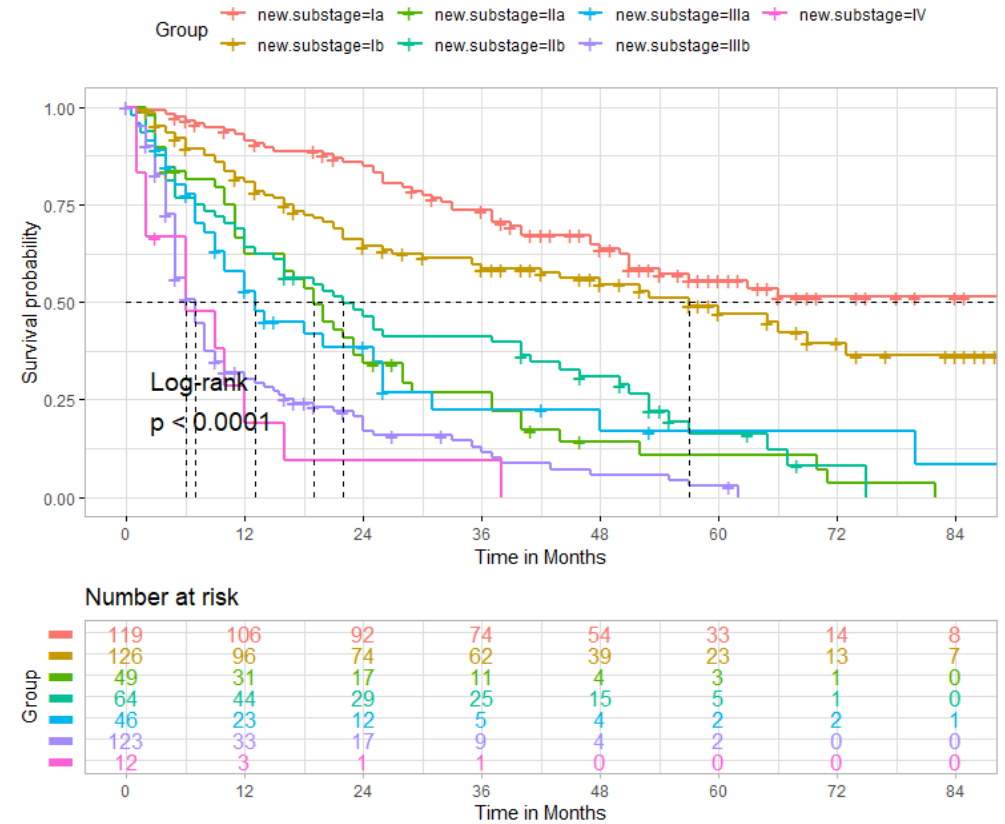
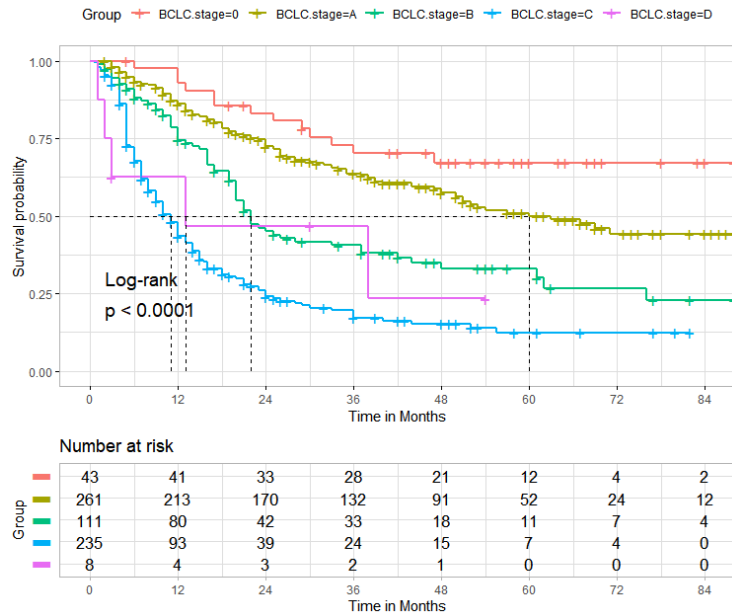
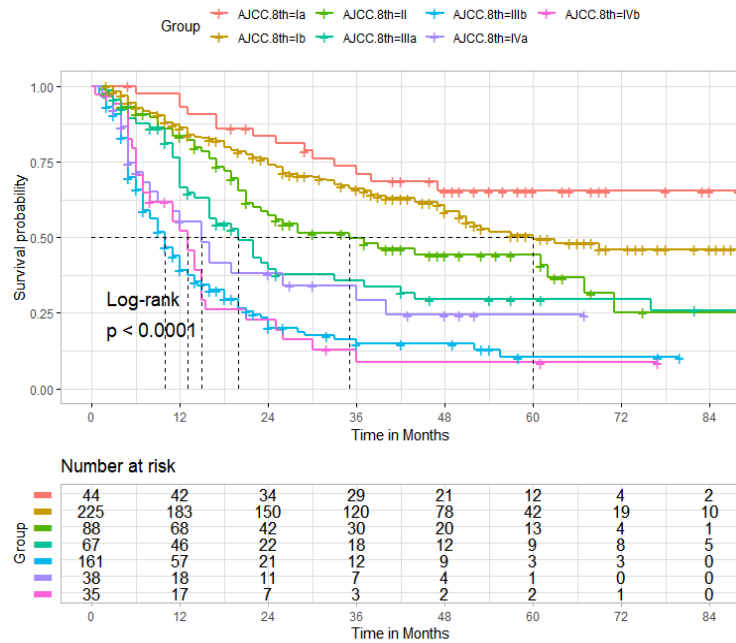


Figure S1. (c) Four stages in the no-pretreatment cohort. (d) Seven substages in the no-pretreatment cohort.

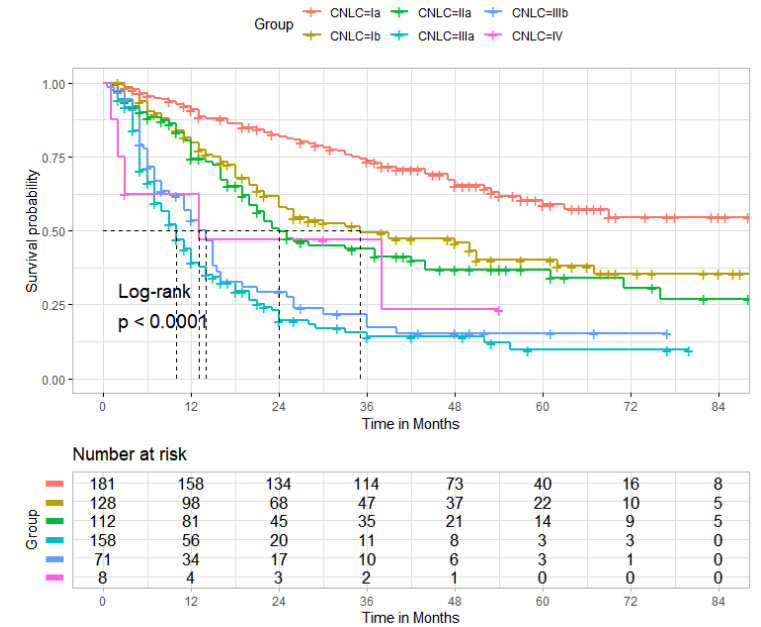
S2A



S2B



S2C



Supplementary Fig. S1. Kaplan-Meier curves of long-term overall survival with (A) BCLC staging in the training cohort, (B) TNM staging in the training cohort, (C) CNLC staging in the training cohort,