



Supplementary Figure S3. An example of the variable grouping, B7-H3, using the minimum P value method capable of exploring the prognostic value of variables as much as possible. (A) The distribution of B7-H3 expression with density in the discovery set. (B) Scatter plot showing the relationship between the threshold of B7-H3 and the standard log-rank statistic. The peak value of the scatter plot indicates that when the grouping threshold is set to 0.52, the standard log-rank statistic is the largest. Furthermore, these two groups had the most significant difference in the OS rate. (C) Scatter plot of the P value of the survival analysis against the grouping threshold. The dotted line represents the best threshold. When the group threshold was set to 0.52, the P value obtained by the log-rank survival analysis was the smallest, and furthermore, the rank statistic reached its peak.

Abbreviation: OS, overall survival.