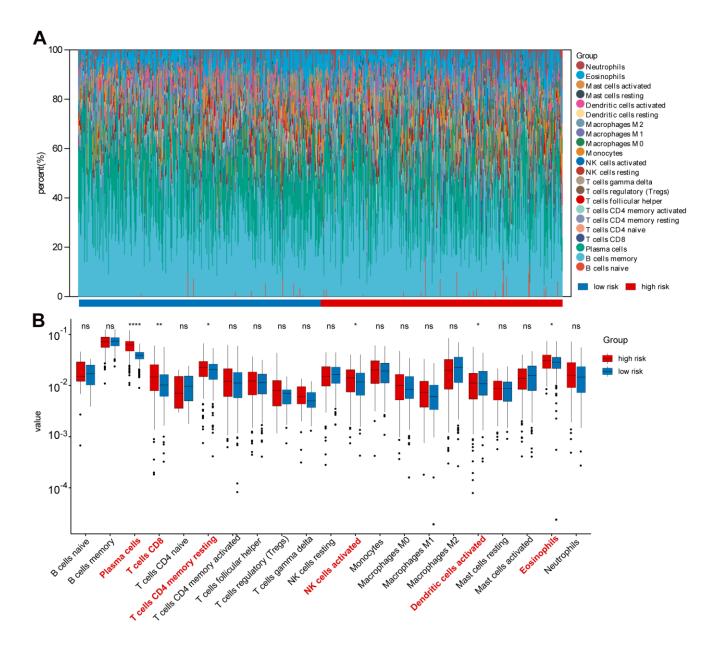
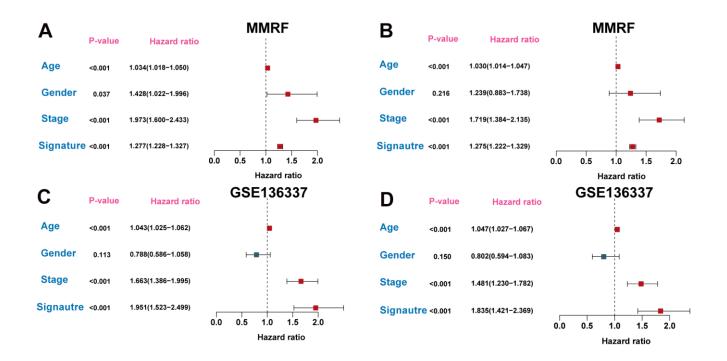
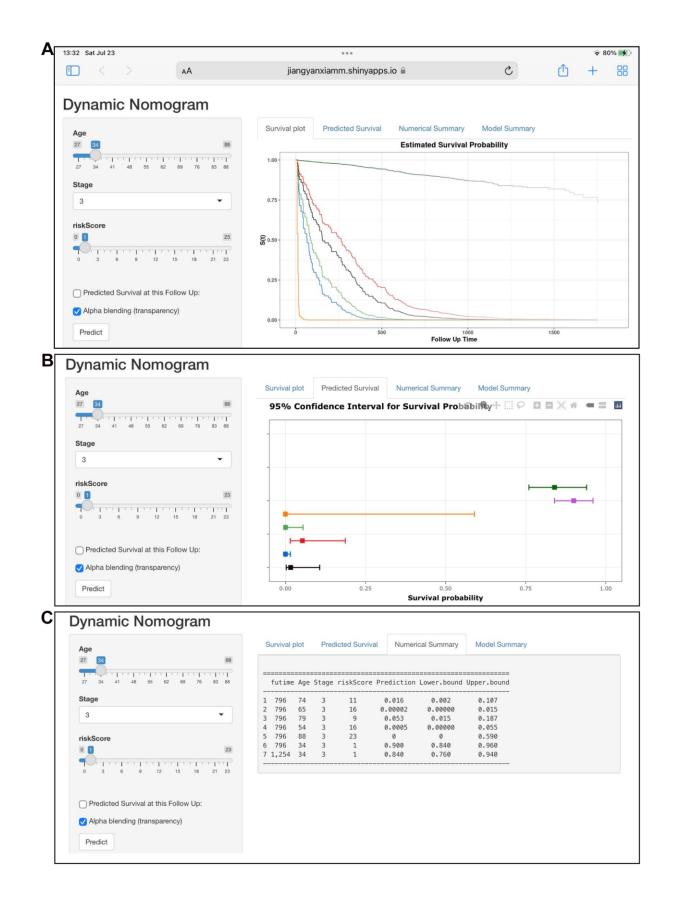
SUPPLEMENTARY FIGURES



Supplementary Figure 1. Immune cell infiltration differences between low-risk groups and high-risk groups of MM in MMRF-COMMPASS. (A) Relative proportions of immune cells between different groups. (B) Vioplot visualization of significantly different proportions of immune cells between different groups (*<0.05, **<0.01, and ***<0.001).



Supplementary Figure 2. Identification of independent risk factors for MM based on univariate and multivariate analysis. (A) Univariate analysis for MMRF. (B) Multivariate analysis for MMRF. (C) Univariate analysis for GSE136377. (D) Multivariate analysis for GSE136377.



Supplementary Figure 3. Predicting OS of MM patients via a web-based dynamic nomogram (<u>https://jiangyanxiamm.shinyapps.io/MMprognosis/</u>). (A) Web survival rate calculator. (B) 95% confidence interval of the survival probability. (C) Numerical summary of different cases.