



S6 Fig. Forest plots of multivariate independent prognostic analysis on hazard ratios for predictors in the validation datasets (BeatAML). The hazard ratios for significant prognostic factors influencing survival in adult patients from the BeatAML cohort. Notable variables include literature-based signature 6 (LBS6)_score_median (hazard ratio, 1.52; p=0.002), where higher scores are associated with an increased risk of mortality. No significant effects were observed for other predictors, such as white blood cell (WBC) count, *CEBPA* mutation status, *FLT3* status, and *NPM* mutation status, indicating that these variables do not significantly impact survival outcomes. The plot also demonstrates the statistical power of the LBS6_score_median in predicting survival, highlighting its potential utility in patient risk stratification.