Supplementary Method

Development of nomogram predicting disease-free survival (DFS). We developed a nomogram incorporating the results of a multivariate analysis to estimate DFS. At first, we established both parametric models (weibull, exponential, log-logistic, and log-normal) and semi-parametric model (Cox proportional hazard model). The Akaike information criterion (AIC) was obtained from each model and compared. The model with the lowest AIC value was considered to be the most explanatory, and cox proportional hazard model was selected, finally. The validation of developed nomogram was performed internally using a 200 bootstrap resampling and was quantified by a concordance index. Calibration of model was examined by calibration plot which showed the predicted DFS at 5-year (x-axis) and corresponding actuarial survival probability.