

Figure S1. Heatmap analysis of metabolite concentrations in patients with luminal breast cancer and HCs. HCs, healthy controls. SAM, S-adenosylmethionine; SAH, S-adenosylhomocysteine.

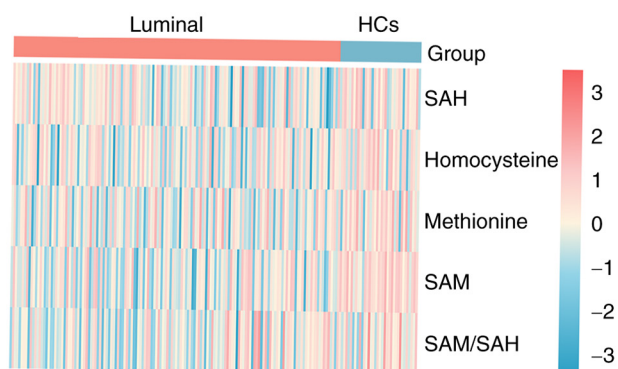


Figure S2. Correlation analysis between metabolites and clinical characteristics. *P<0.05. SAM, S-adenosylmethionine; SAH, S-adenosylhomocysteine.

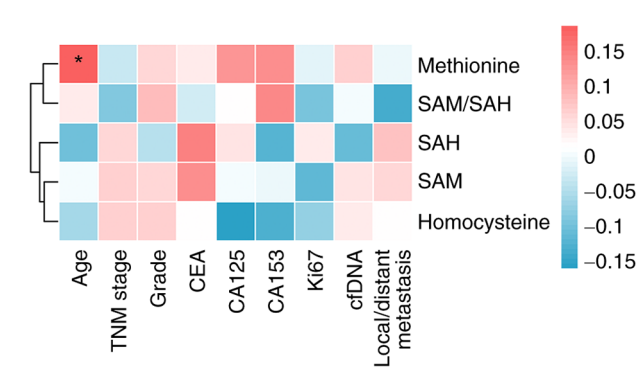


Figure S3. Distribution of AUC optimism (500 bootstraps).
AUC, area under the curve.

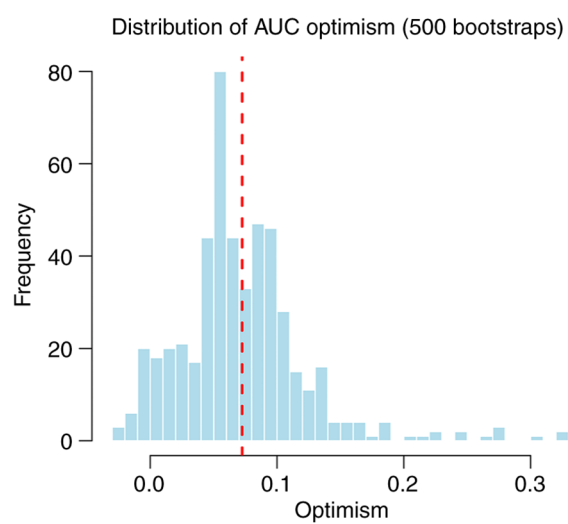


Figure S4. ROC analysis of the nomogram for predicting pal-bociclib resistance. ROC, receiver operating characteristics; AUC, area under the curve.

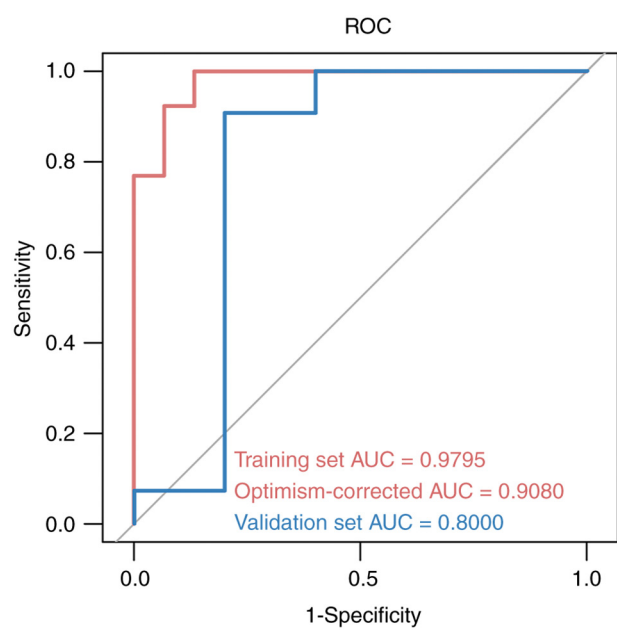


Figure S5. Calibration curve analysis was performed for the nomogram predicting palbociclib resistance.

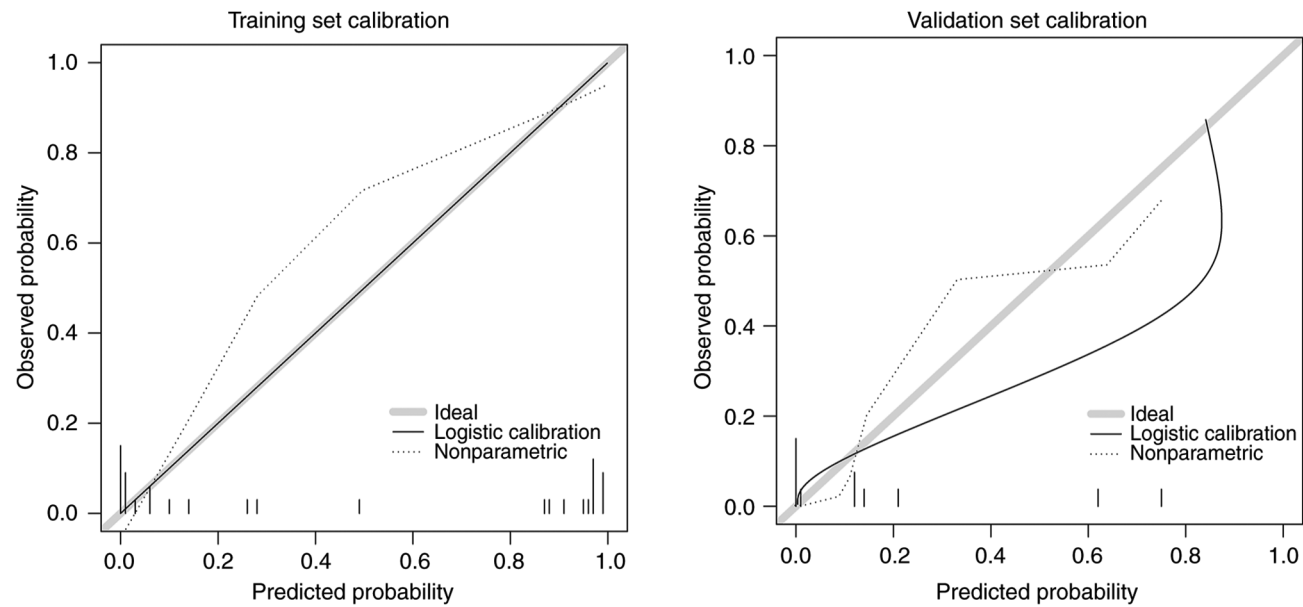


Figure S6. Decision curve analysis (DCA) was performed for the nomogram predicting palbociclib resistance.

