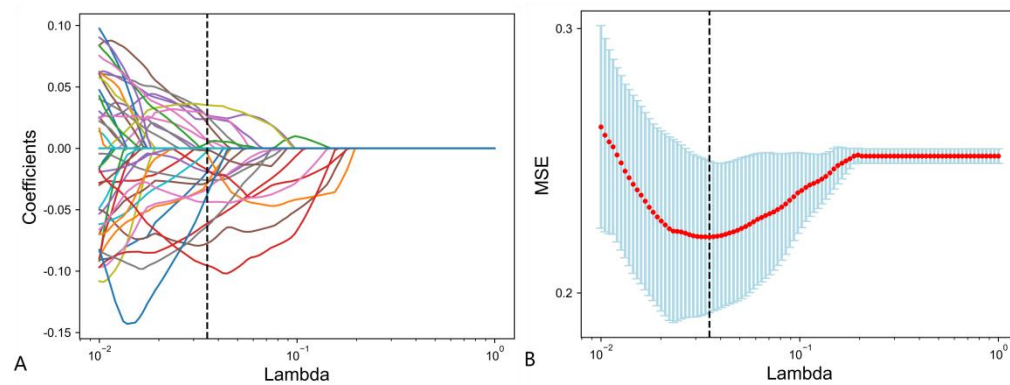
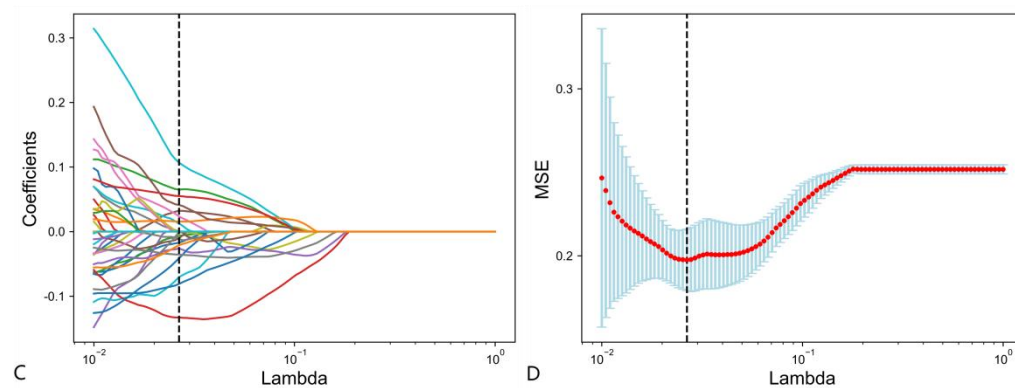


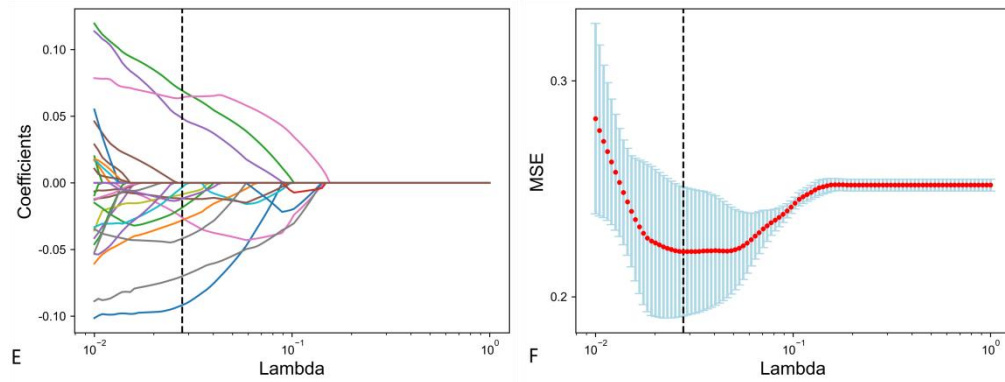
hematomal, perihematomal (5mm), perihematomal (10mm) and perihematomal (15mm) models dimensionality reduction results



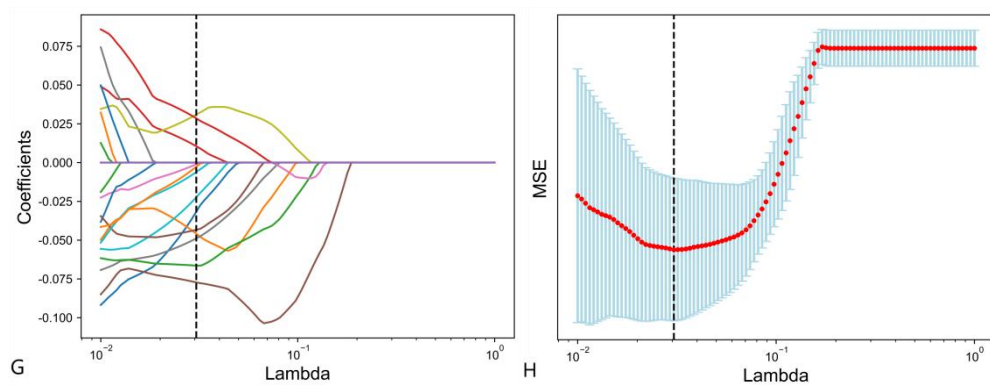
Hematomal model least absolute shrinkage and selection operator regression model using 5-fold cross-validation training to optimize the choice of lambda parameters (A). Error iteration diagram for the LASSO regression model when filtering optimal parameters (B).



Perihematomal (5mm) model least absolute shrinkage and selection operator regression model using 5-fold cross-validation training to optimize the choice of lambda parameters (C). Error iteration diagram for the LASSO regression model when filtering optimal parameters (D).



Perihematoma (10mm) model least absolute shrinkage and selection operator regression model using 5-fold cross-validation training to optimize the choice of lambda parameters (E). Error iteration diagram for the LASSO regression model when filtering optimal parameters (F).



Perihematoma (15mm) model least absolute shrinkage and selection operator regression model using 5-fold cross-validation training to optimize the choice of lambda parameters (G). Error iteration diagram for the LASSO regression model when filtering optimal parameters (H).

Delong test in hematoma, perihematoma (5mm), perihematoma (10mm) and perihematoma (15mm) models

training group (N=132)

RadScore_hematoma model_train ~ RadScore_perihematoma (5mm) model_train:
P=0.7910

RadScore_hematoma model_train ~ RadScore_perihematoma (10mm) model_train:
P=0.0144*

RadScore_hematoma model_train ~ RadScore_perihematoma (15mm) model_train:
P=0.0005*

RadScore_perihematoma (5mm) model_train ~ RadScore_perihematoma (10mm)

model_train: P=0.0167*

RadScore_perihematoma (5mm) model_train ~ RadScore_perihematoma (15mm)

model_train: P=0.0017*

RadScore_perihematoma (10mm) model_train ~ RadScore_perihematoma (15mm)

model_train: P=0.1738

validation group (N=34)

RadScore_hematoma model_test ~ RadScore_perihematoma (5mm) model_test:

P=0.6431

RadScore_hematoma model_test ~ RadScore_perihematoma (10mm) model_test:

P=0.9558

RadScore_hematoma model_test ~ RadScore_perihematoma (15mm) model_test:

P=0.4199

RadScore_perihematoma (5mm) model_test ~ RadScore_perihematoma (10mm)

model_test: P=0.4793

RadScore_perihematoma (5mm) model_test ~ RadScore_perihematoma (15mm)

model_test: P=0.7835

RadScore_perihematoma (10mm) model_test ~ RadScore_perihematoma (15mm)

model_test: P=0.3286