



Figure S1 Radiomics feature selection using LASSO logistic regression and LASSO coefficient profiles of the radiomics feature. (A) The tuning parameters in the LASSO model were selected using 10-fold cross-validation via minimum criteria. The area under the curve was plotted vs. $\log(\lambda)$. Dotted vertical lines are drawn at the optimal values according to the minimum criteria and 1 standard error of the minimum criteria. (B) A vertical line is plotted at the optimal λ value. SWI_{VOI}, features of the manual labeling on SWI; SWI_{seg}, features of the segmentation on SWI; T2WI_{VOI}, features of the manual labeling on T2WI; T2WI_{seg}, features of the segmentation on T2WI; SWI, susceptibility weighted imaging; T2WI, T2-weighted imaging; LASSO, least absolute shrinkage and selection operator.