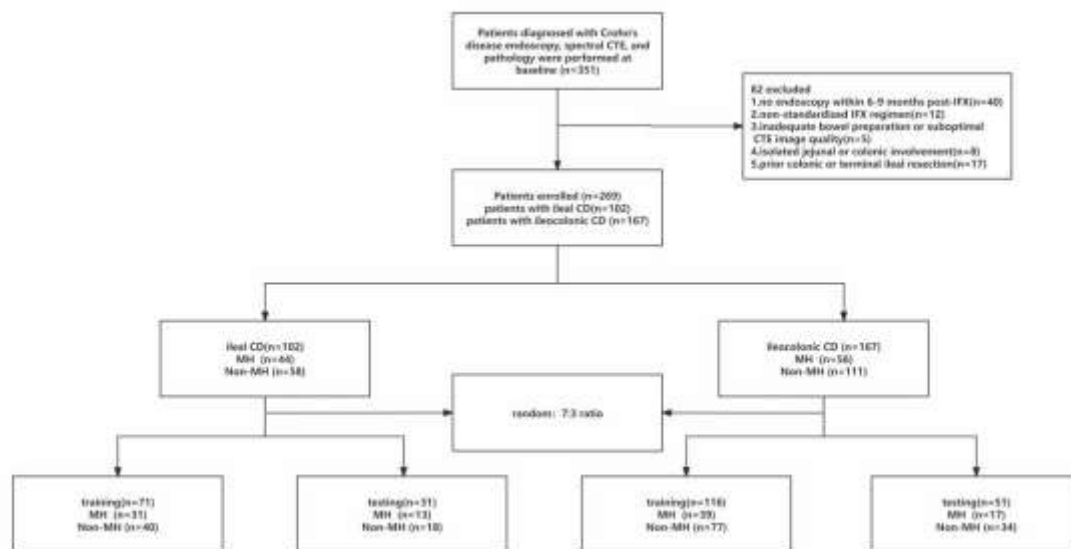
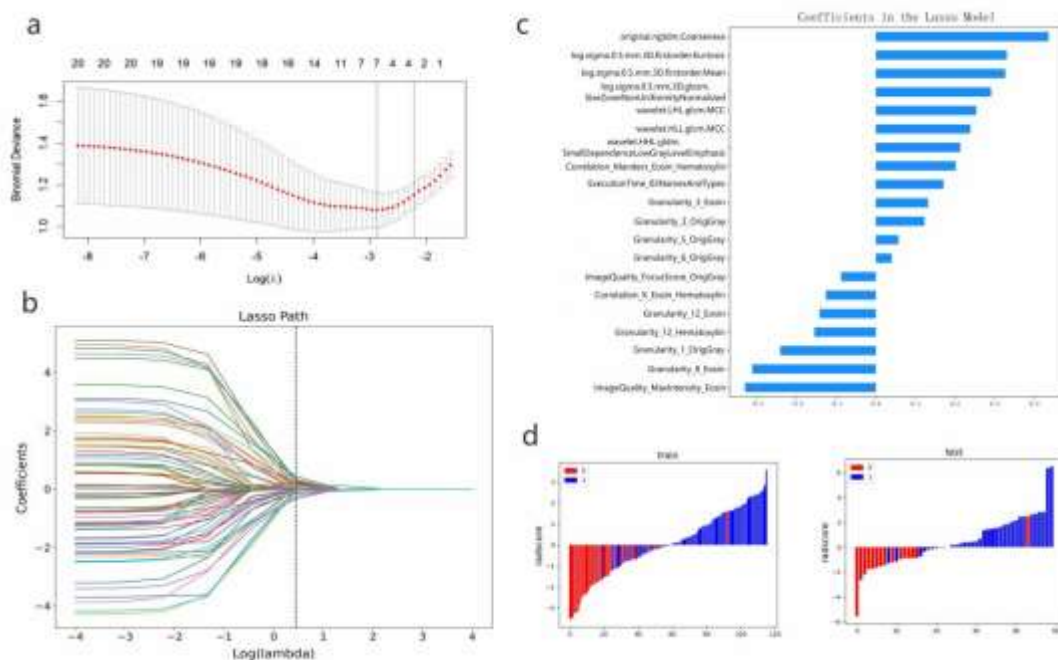
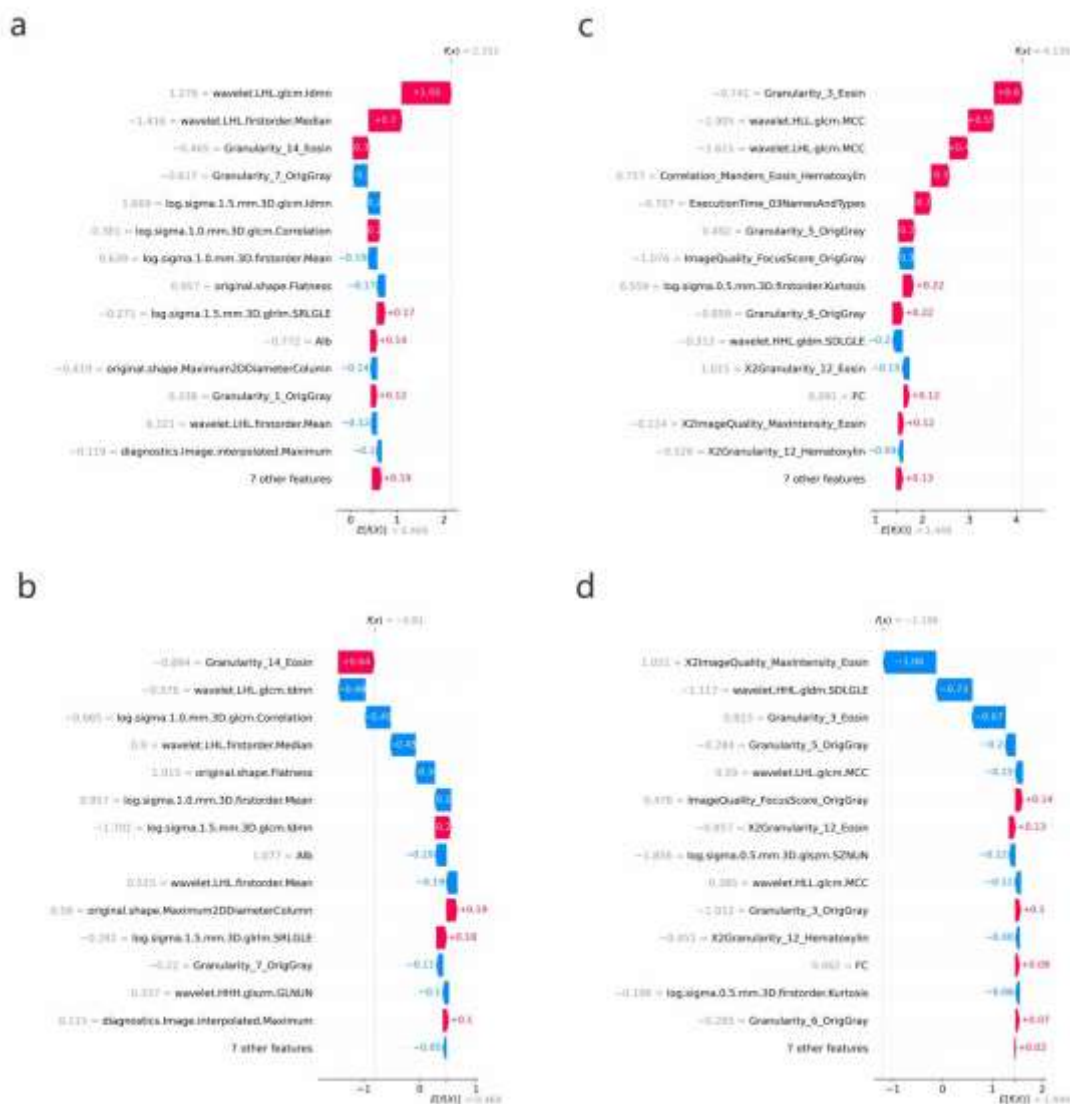




Supplementary Figure 1 The flow diagram of the study.



Supplementary Figure 2 In ileocolonic region. Selection of textural features to subject to the least absolute shrinkage selection operator logistic regression and determination of the predictive accuracy of the radiomics score and pathomics score.



Supplementary Figure 3 The SHapley Additive exPlanations waterfall plot analyzes the individual risk factors for four scenarios. Red features indicate an increased risk of non - mucosal healing (MH) , while blue features indicate a decreased risk of non -MH. A: Case 1: Male, 26 years old, ileal CD, non-MH; B: Case 2: Female, 32 years old, ileal CD, MH; C: Case 3: Male, 23 years old, ileocolonic CD, non-MH; D: Case 4: Male, 27 years old, ileocolonic CD, MH.