

Data Extraction



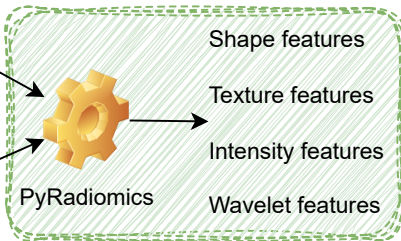
Database

Ultrasound Image



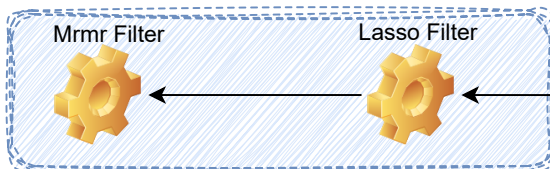
Mask ROI

Features Extraction



Data Preperation and Features selection

Features Selection



Data Preperation



Join by id patient



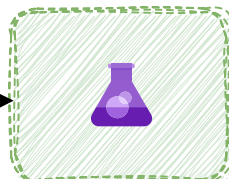
Training and Validation

Stratify Split

20%

80%

Cross Validation



Train set



1D-CNN

Independent test

