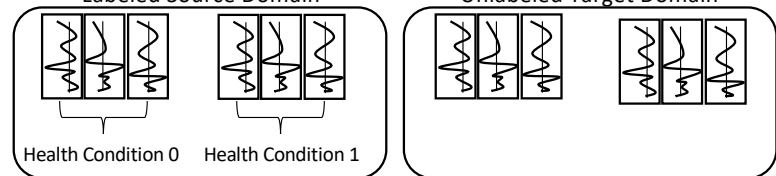


Labeled Source Domain

Unlabeled Target Domain



Data Pre-Processing and Sample Generation

Design Model Architecture

Obtain Latent Feature Spaces from Target and Source Samples

Predict Health Condition Classes for Source Domain

Calculate Multi-Layer MMD Loss

Calculate CE Loss

Obtain Total Loss

Train Model with Optimizer 1 with the Total Loss

Train FC2 and FC3 with Optimizer 2 with the CE Loss

No  
Maximum Epochs ?

Yes

Trained Model

Predict Labels for Target Dataset