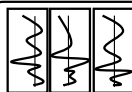
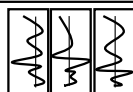
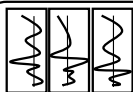


Labeled Source Domain

Unlabeled Target Domain



Health Condition 0

Health Condition 1

Data Pre-Processing, Sample Generation and Dataloader Construction

Design Model Architecture

Obtain Latent Feature Representations of Target and Source Samples

Predict Health Condition Classes for Source Domain

Calculate Multi-Layer MMD Loss

Calculate CE Loss

Obtain Total Loss

Train Conv1 – FC3 with Optimizer 1 with the Total Loss

Train FC2 - FC3 with Optimizer 2 with the CE Loss

No

Maximum Epochs ?

Yes

Predict Labels for Target Dataset