Training configuration

online
sample_rate = 4096
train_t0 = 1262476800
train_duration = 2000
freq_low = 55
freq_high = 65
valid_frac = 0.25
kernel_length = 8
kernel_stride = 0.25
chunk_length = 0
batch_size = 32
lr = 3.2e-2
weight_decay = 1e-5
max_epochs = 500
early_stop = 100

offline
sample_rate = 4096
train_t0 = 1262476800
train_duration = 2000
freq_low = 55
freq_high = 65
valid_frac = 0.25
kernel_length = 8
kernel_stride = 0.25
chunk_length = 0
batch_size = 32
lr = 3.2e-2
weight_decay = 1e-5
max_epochs = 20
loss function

online

train loss: 0.66077
valid loss: 0.71238
early stop at epoch 235

offline

train loss: 0.63399
valid loss: 0.63716
Export model

online

model_name = "deepclean-stream"

offline

no need to export model
Inference

online

infer_kernel_length = 1
infer_kernel_stride = 0.001953125

offline

infer_kernel_length = 8
infer_kernel_stride = 4
Analysis

GPS time 1262478800-1262478850

- **original**
- **deepclean offline**
- **deepclean online**

![Graph showing signal analysis over frequency range with three different lines representing original, deepclean offline, and deepclean online data.](image)
Problem

inference base on different model, how use same model?