Adversarial EEG Generation   **Temporal Modeling**   **Prediction and Learning**

Temporal Visual Stimuli

Original EEG Signal

Segmentation and Adversarial Perturbation

Adversarial EEG Fragments

1-d Conv Kernel

Temporal Convolution

Local BiRNN with Mean Pooling

Global BiRNN

Global Step

Local Step

Feature Dim

Fully Connected Layer

Softmax

Action Mapping

Predicted Action

Loss

Ground-truth Label