Deep learning-based electroencephalography analysis

1. EEG picks up electric potential difference, on the order of tens of microV.   
Events occurring at millisecond can be captured.  
But low spatial resolution.  
Source localization problem, or inverse problem.

1.2 High inter-subject variability -> Pipelines

Riemannian geometry-based classifiers  
Adaptive classifiers

1.3 Different types of layers are used as building blocks in neural networks:

* Fully connected / FC networks
* Convolutional / Convolutional neural networks (CNNs)
* Recurrent layers / Recurrent neural networks (RNNs)

Other architectures:

* Autoencoders (AEs)
* Generative adversarial networks (GANs)

3. Tables with all results and related articles. Methods used in these articles.  
  
🡪 Lot of different links to articles in various domain linked to EEG and Deep Learning.