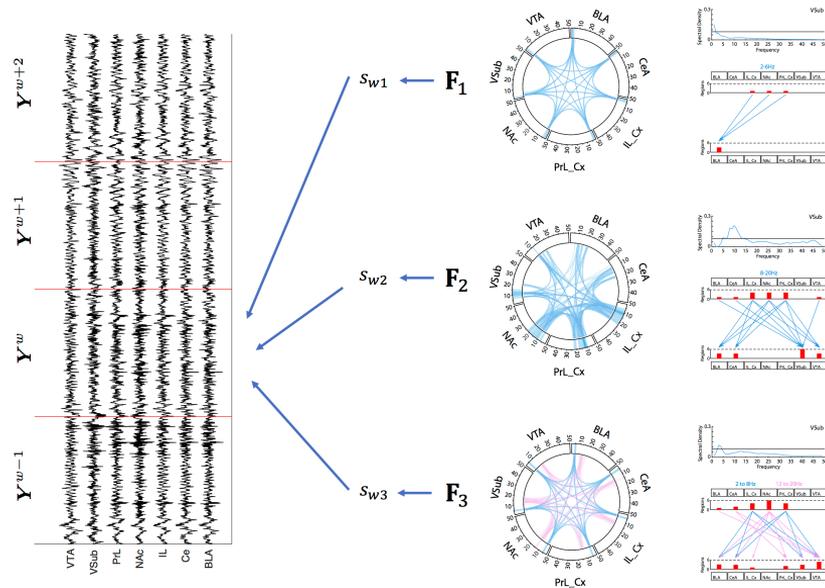


A Statistical Framework to Learn Electrical Connectome Networks

- We hypothesize that electrical activity can be decomposed into electrical connectome networks
- Our new methods improve efficiency and relevancy of the learned networks
- For details see [Talbot et al, ArXiv \(2020\)](#)



A Statistical Framework to Learn Electrical Connectome Networks

- Method is publicly available: <https://github.com/carlson-lab/encodedSupervision>
- Designed to be interoperable with Scikit-Learn (popular machine learning package in Python):

```
>> model = ModelClass(number_of_components)
>> latent_scores_train = model.fit_transform(X_train,Y_train)
>> latent_scores_valid = model.transform(X_valid)
```