

# April16

May 3, 2020

## 0.1 April16 update

### 0.1.1 What I should do this week

- Average the BOLD\_target (roi mean) of dataset3 and dataset4
- Fit the model without using cross validation and plot the 40 loss to ensure that we found the correct local minima.

### 0.1.2 Average the BOLD target

- output target: dataset5 = mean( dataset3 + dataset4)
- Input: E\_ori\_5 = E\_ori\_4 = E\_ori\_3

## 0.2 Fit without using cross validation

- plot the loss for

$$\frac{\partial \mathbb{E}[\sum_{t'=t}^T r^{t'-1} | s_t, \pi, \mathcal{O}]}{\partial \beta_\phi(s_t)} \frac{\partial \beta_\phi(s_t)}{\partial \phi} \Rightarrow$$

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