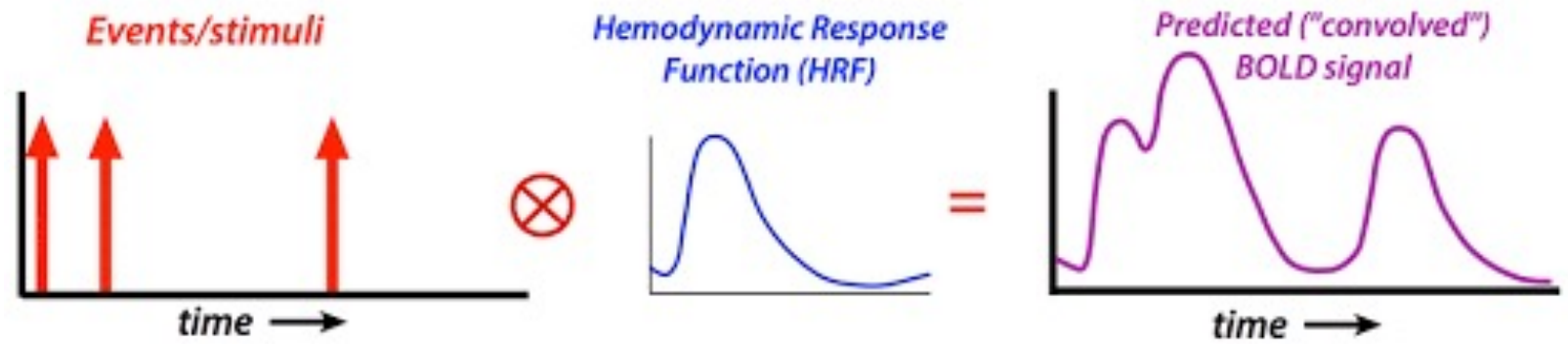
Week 4 – Preprocessing and data quality check 1

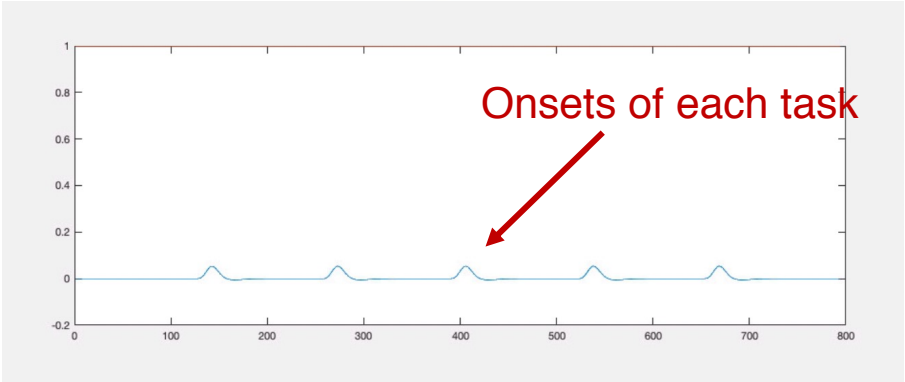
L04-10 Preprocessing (2)

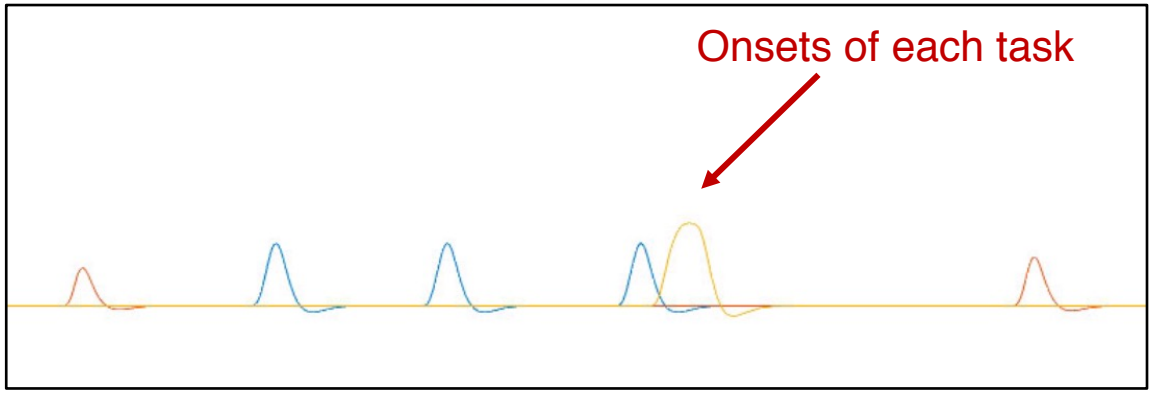
Hongji Kim
Ph.D. student in the Cocoan Lab

19 Mar 2021

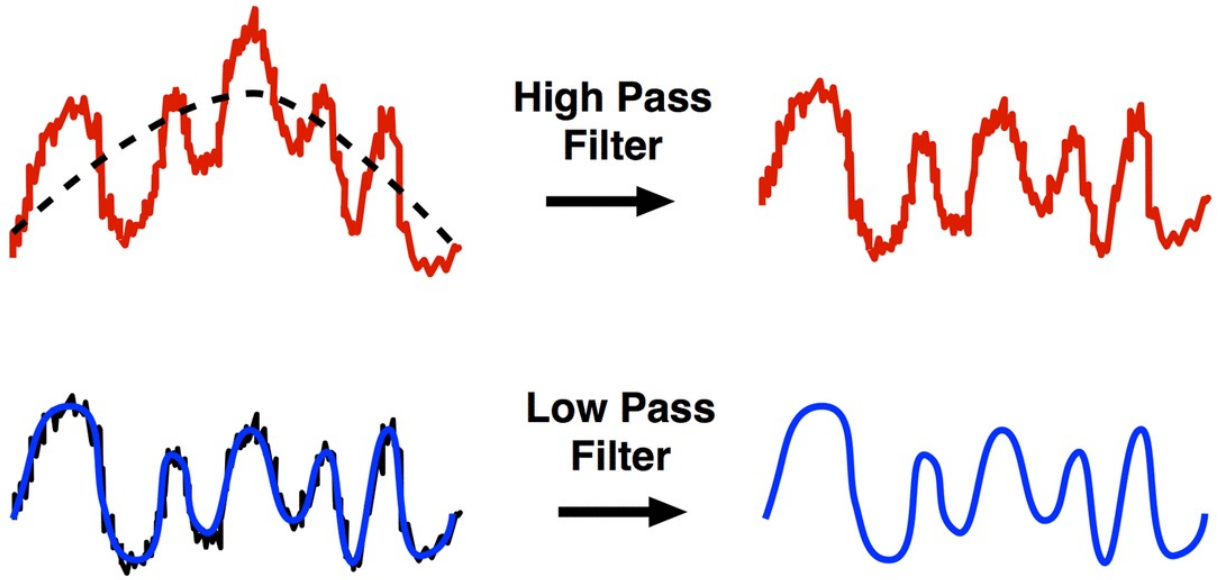
- Additional regressors (task-related)
  - If you want to remove the movement and other artifacts emerged from the task (which is not your interest), you may make additional regressors based on the timing of each task and add it to the nuisance matrix (‘onsets2fmridesign.m’ function)







- Additional preprocessing
  - '**canlab_connectivity_preproc**.m' function
    - additional_nuisance
    - temporal filtering (e.g., bpf, lpf, hpf)
    - winsorize



Cocoan 101

https://cocoanlab.github.io