Task 1 + 2 - Response + training

* Should we model with different regressors for each non interesting trial (HV/LV/ Sanity/Not in probe etc). – dfs?
* Modeling the initial preferences (regressor 13)
  + In the neuroimage/NN paper (training task) – was modeled separately for HV/LV/Go/NoGo (4 regressors), not mean centered.
  + We modelled as one regressor for all stim (mean centered).

Task 2 – Training

* Model the sound and motor response – the auditory response is identical across the experiment
  + In the neuroimage and NN papers:
    - Motor response: *To account for RT differences between all trials we added a regressor with the onsets of all Go trials and the modulator was the demeaned RT across all these trials*.
    - Auditory cue: for HV Go and LV Go (separately), same onset and duration as the trials, but modulated by the Go- signal delay for that trial.
    - Treats HV and LV cues differently, but the motor response as the same..
  + Alternative modeling
    - Auditory cue: Onset at each cue, duration 0.25 sec – one regressor for all stim. Is there a reason to prefer 2 regressors for HV and LV separately?
    - Motor Response: same as alternative modeling for cue. modulation by (RT-cue onset).

Task 3 – Probe

* Why do we need to model Sanity trial by 7 regressors we ignore and not just 1?
* RT regressors- which duration?