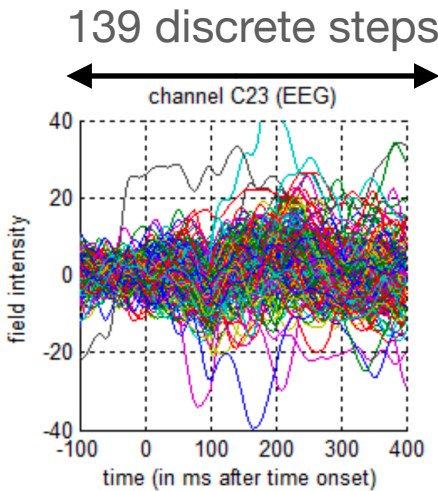


data dimension

Translational Neuromodelling Project Pipeline (HGF approach)

TODO



Preprocessed data

Data exploration

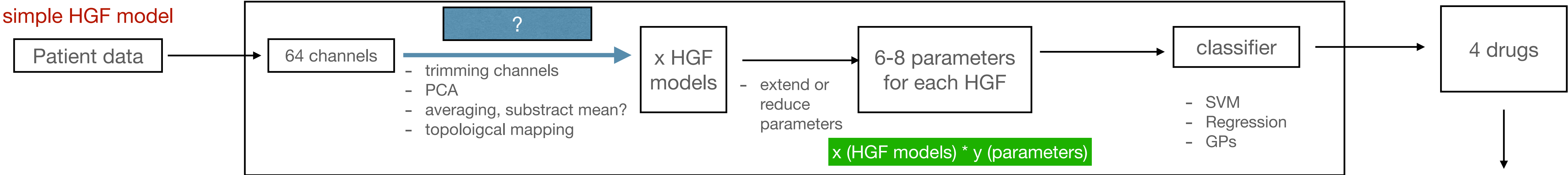
- means, std. deviations, corr. matrices
- compare two patients of diff. / same drug
- look at stable / unstable phases
- is there a time dependence in the features?

Store / Split data (stable, unstable, ...)

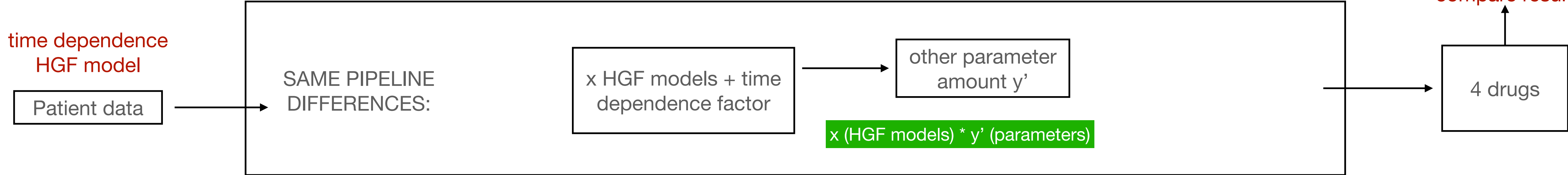
- create data folders
- split data for phases
- have a good data format we can work with

139 discrete steps \* 1800 tones \* 67 EEG channels \* patients

simple HGF model

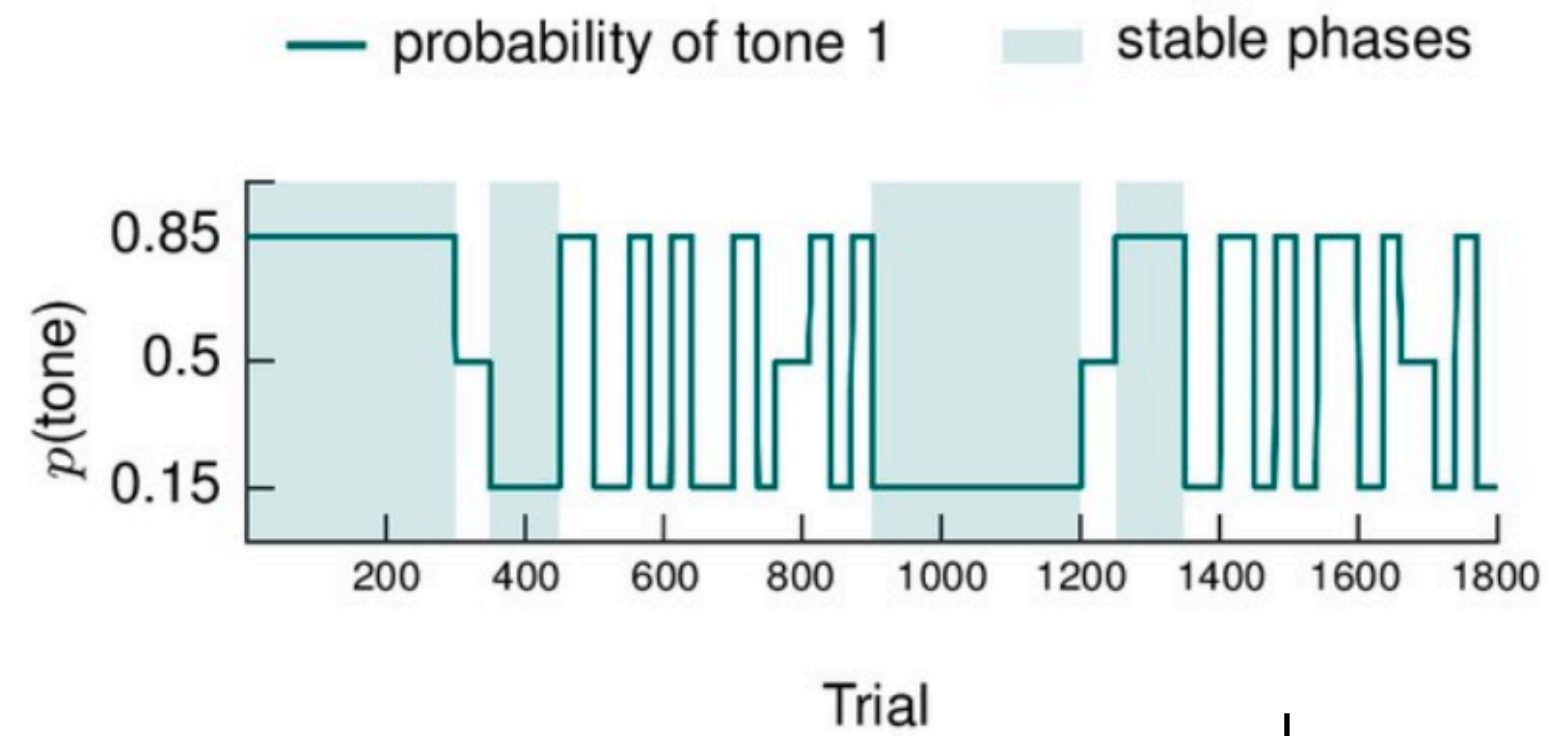


time dependence HGF model

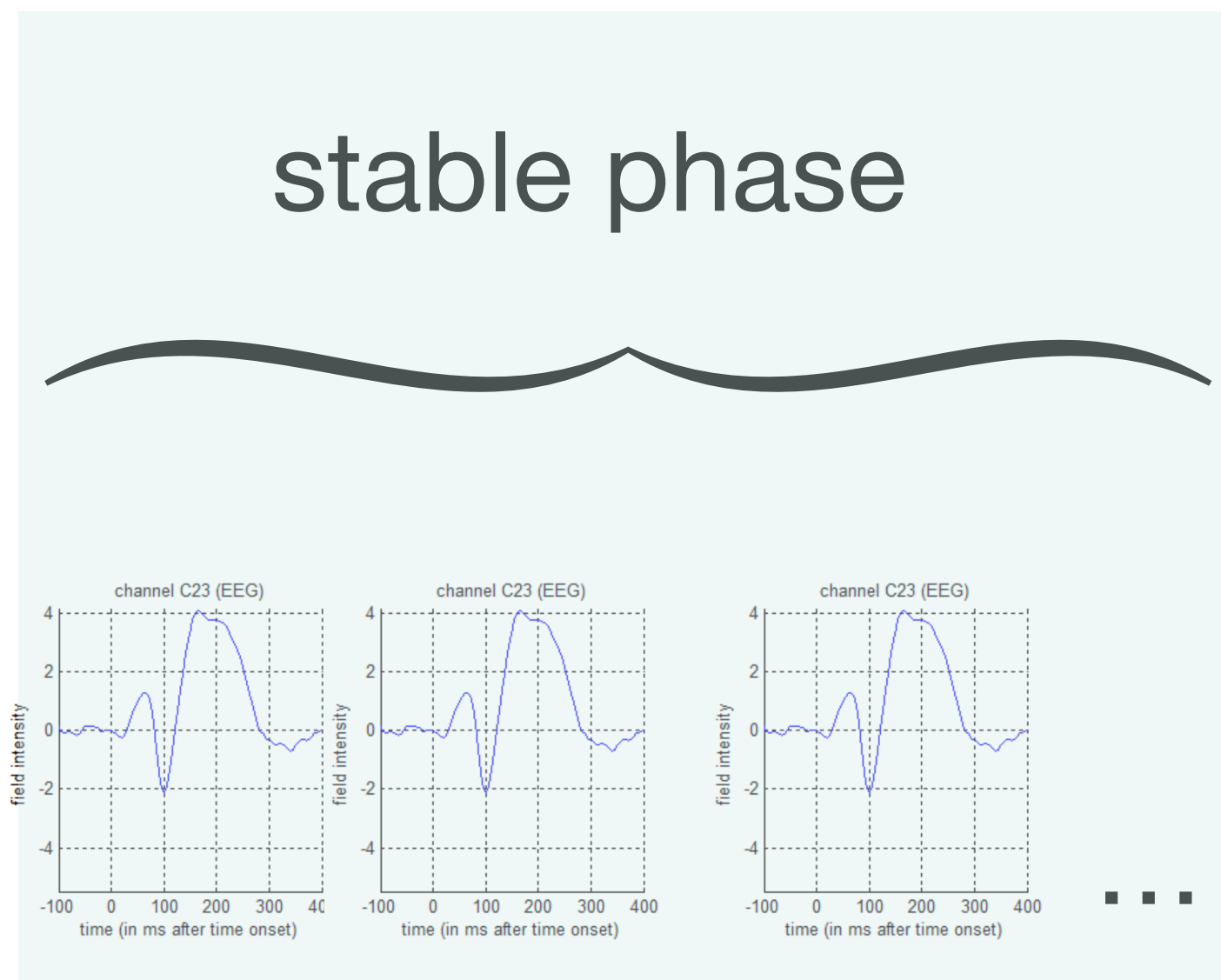


also does that make sense biologically?

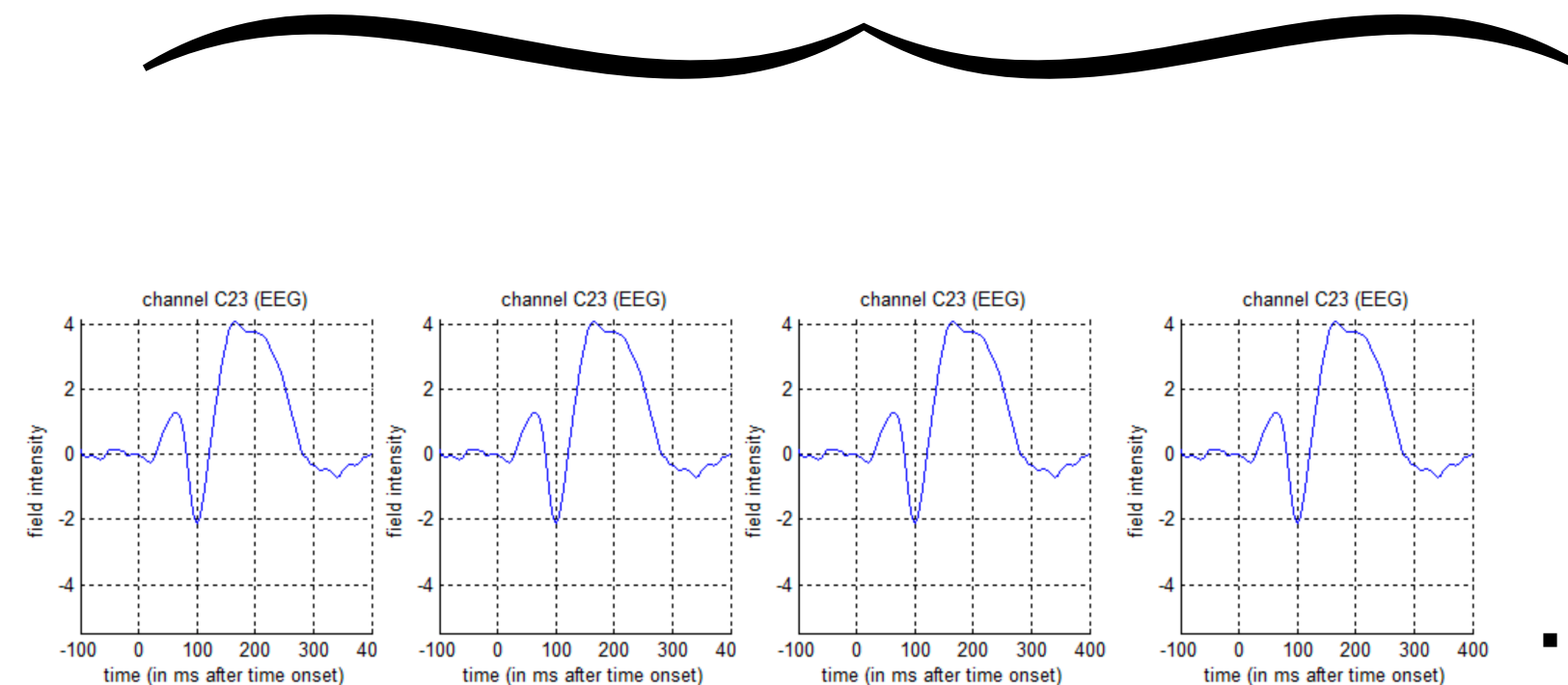
# One Patient



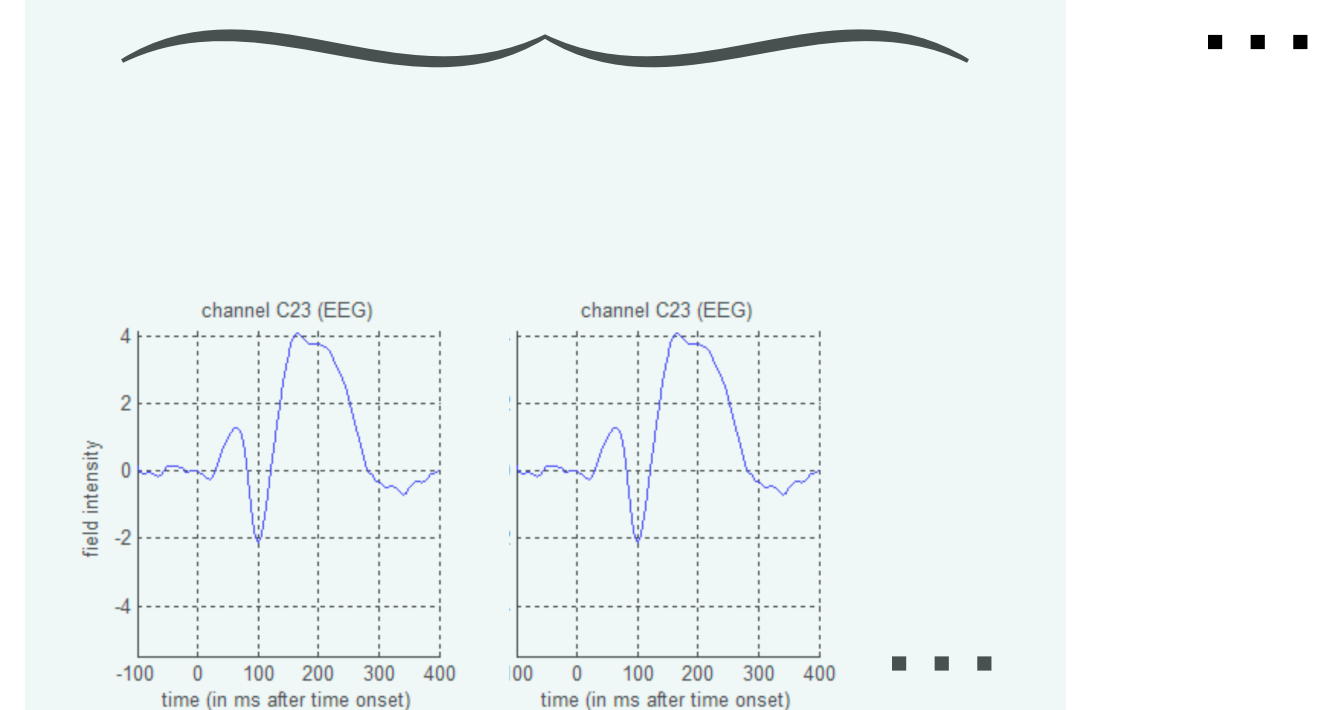
maybe 8 phases:



volatile phase



stable phase

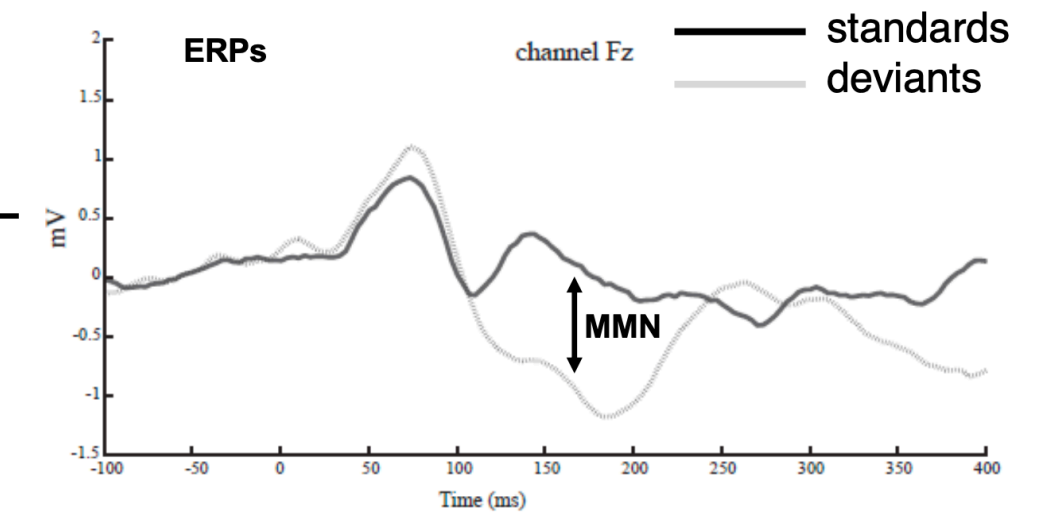


1800 tones

## HGF

- calculated from phases?
- either one HGF for every phase
- or time-dependent HGF

?



get deviant and standard mean for every phase -> MMN