

Teacher Note:
As others have experienced, the artifact rejection algorithm, has done strange things to your data. You are left with almost no data after filtering (e.g. see your first plot: 2 events for NoGo trials, 3 events for "stop" trials). Others have run their analysis with a higher threshold for rejection (going up to 150 mV). You could try that, if you want to see some better looking results. Somehow, your group data look OK. Anyway, you don't have to do more.

Portfolio 9 – EEG Analysis

Stop–Signal–NoGo Experiment

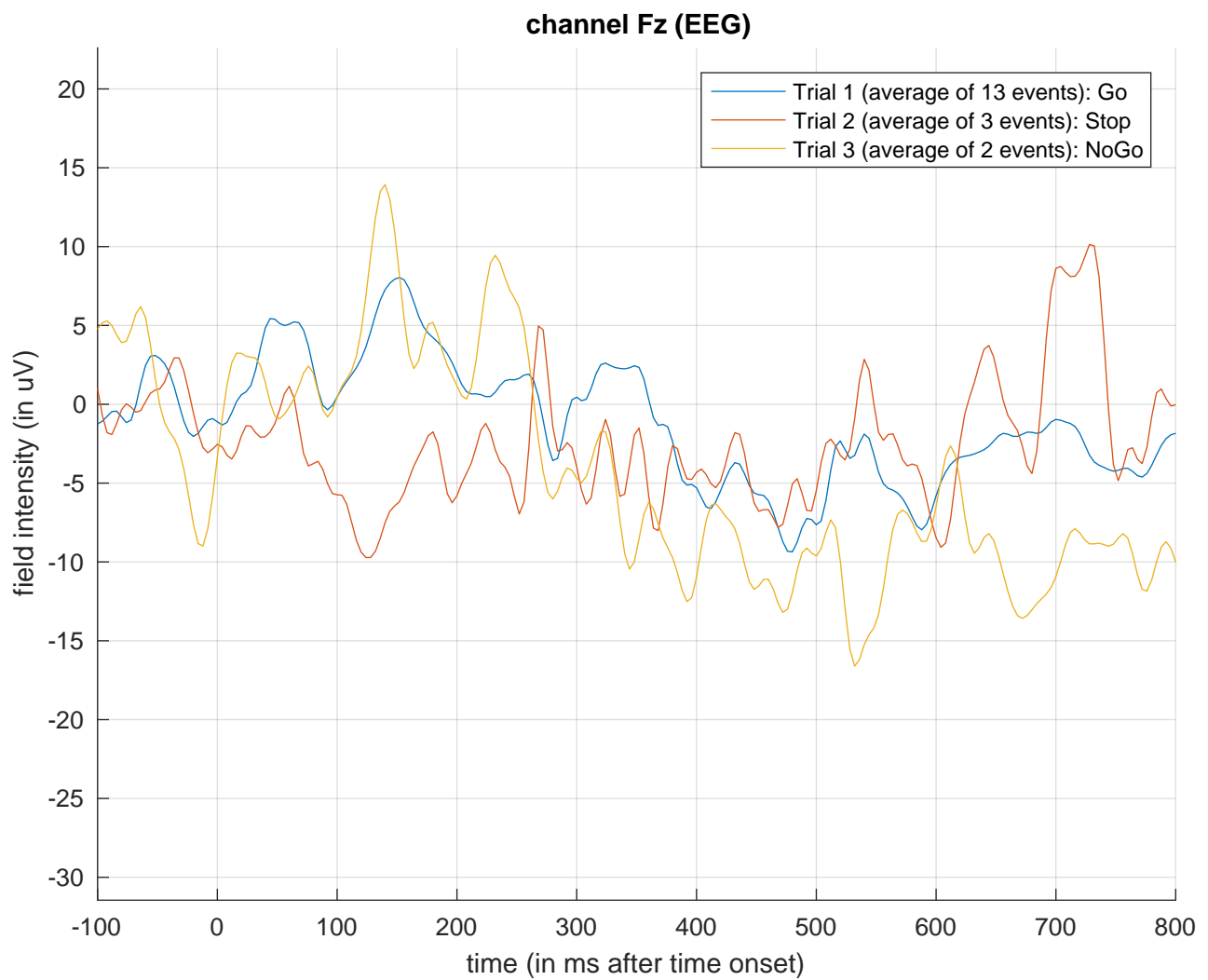
Study group 2: Roxana Petrache, Nanna Bernth, Sebastian Scott, Fredrik Sejr &

Signe M. R. Holdgaard

Aarhus Universitet

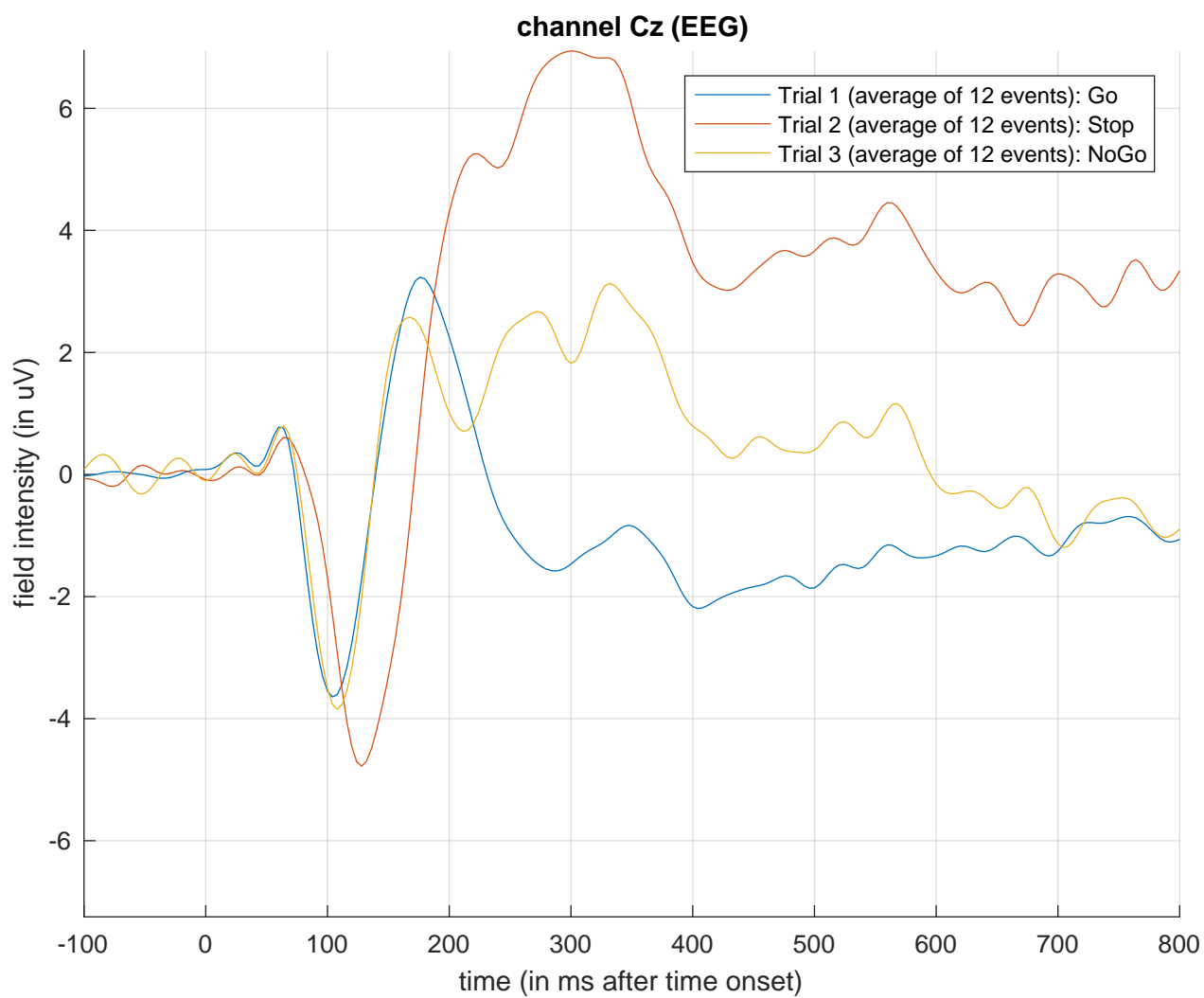
Task 1:

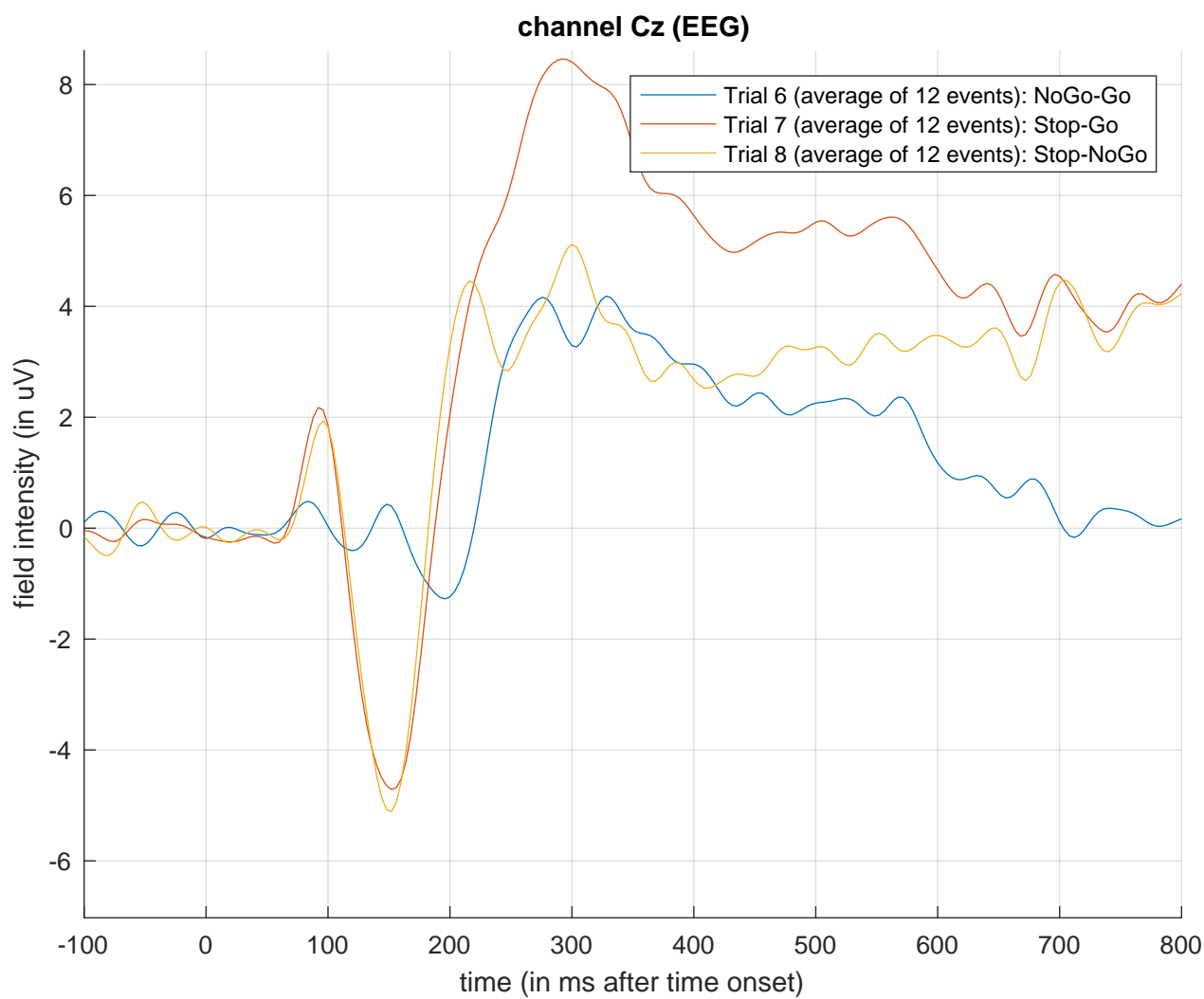
Create and save a plot of your group's participant's ERP to the Go-, Stop-, and NoGo-sounds from channel Fz (I suggest using Display... > M/EEG in the GUI, and when you have the figure open: File > Save As..., and then choose the pdf-option).



Task 2:

Do the same for the lowpass-filtered group-average and create and save a plot of the three difference waves (aka. “contrasts”) at Cz.





Task 3:

Save a plot for the Stop and StopError conditions at Cz for the non-lowpass-filtered group-average of the successful/unsuccessful data

