2022/09/16

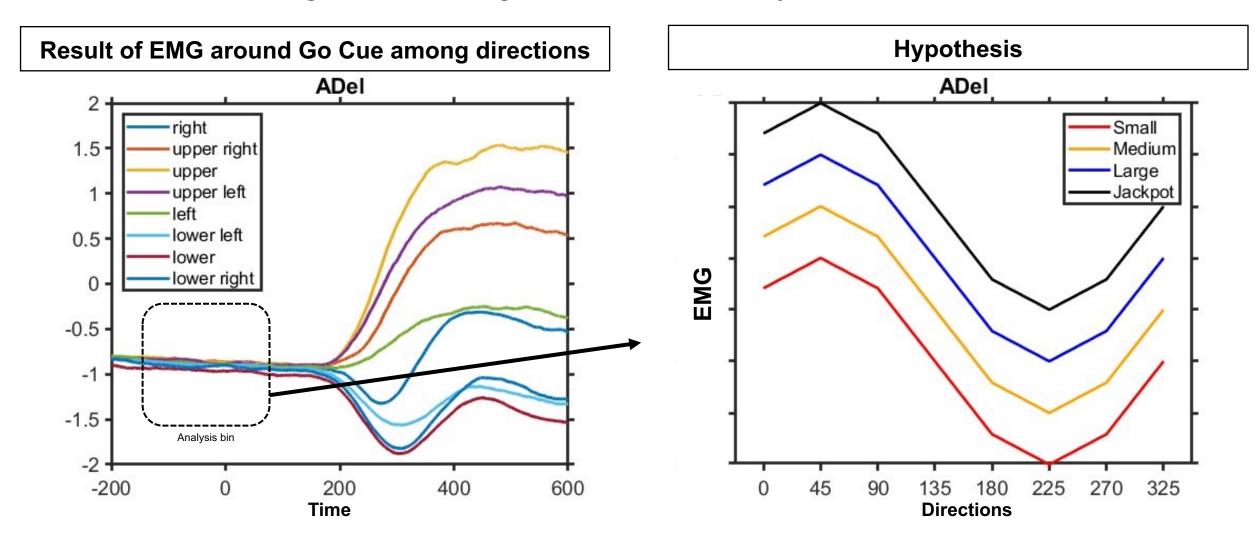
Hiroo Miyata

Table of Content

- 1. New figures to prove no co-contraction in delay period
- 2. EMG changes across session

Hypothesis

EMG at holding time changes monotonically as a function of reward



Result

There is no relationship between EMG and rewards

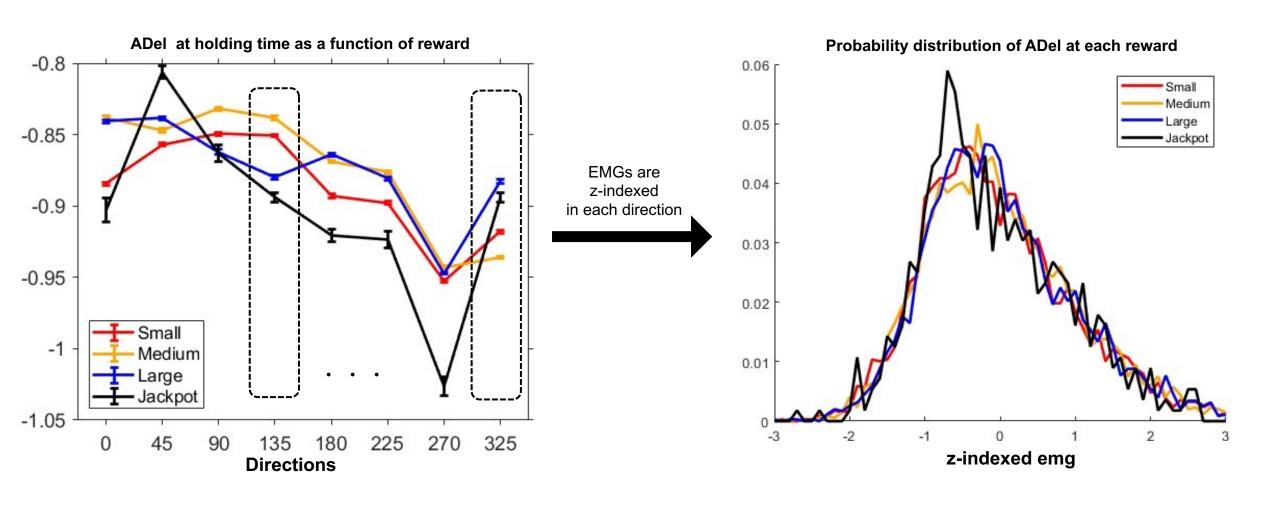
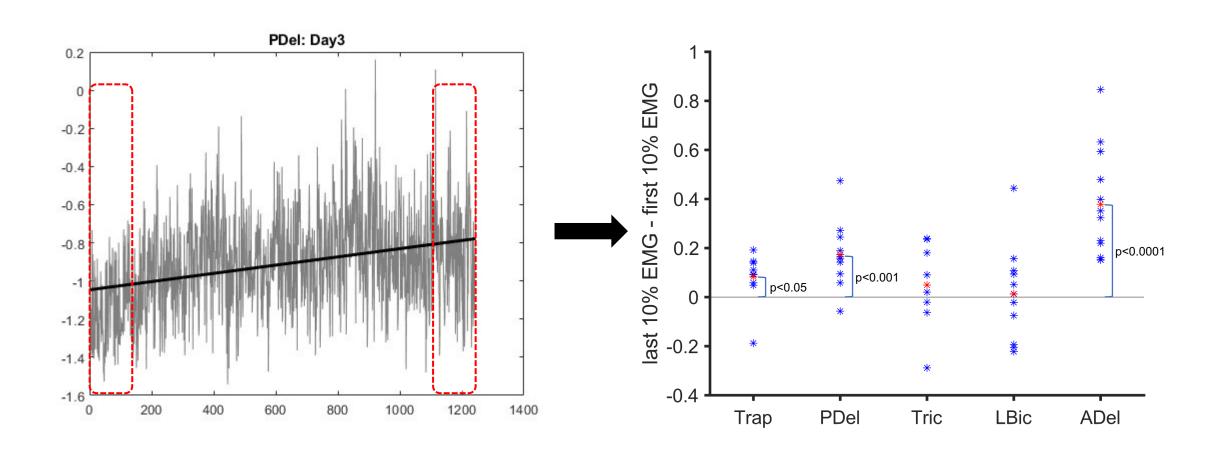


Table of Content

- 1. New figures to prove no co-contraction in delay period
- 2. EMG changes across session

Result: EMG gradually change across session

The fact that only shoulder muscles increased makes the fatigue-hypothesis stronger



Result: no bio-signal is related to EMG changes

Hypothesis:

ToDo until next meeting

- Correlation coefficient of Reward axis and EMG at holding time
 - Integrating neural data and muscle data