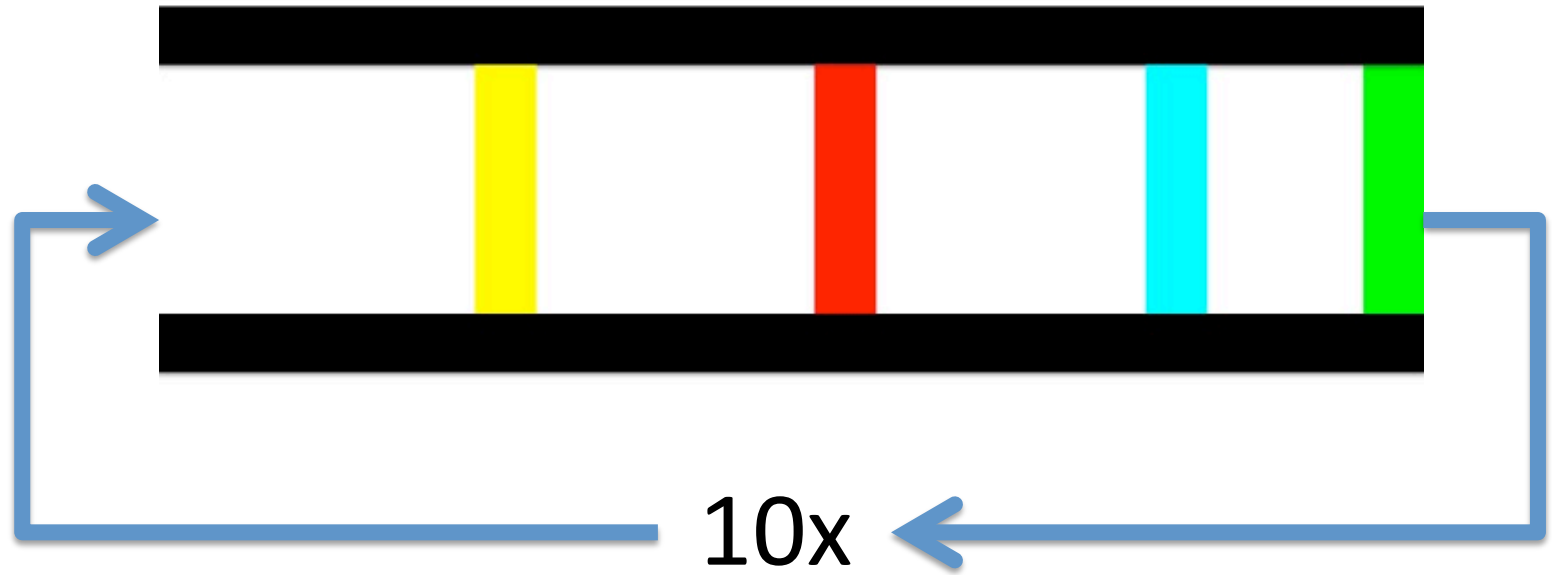


# Secret Handshake: Learning Complex Gestures with a Wiimote

Zach Bogart

NE449

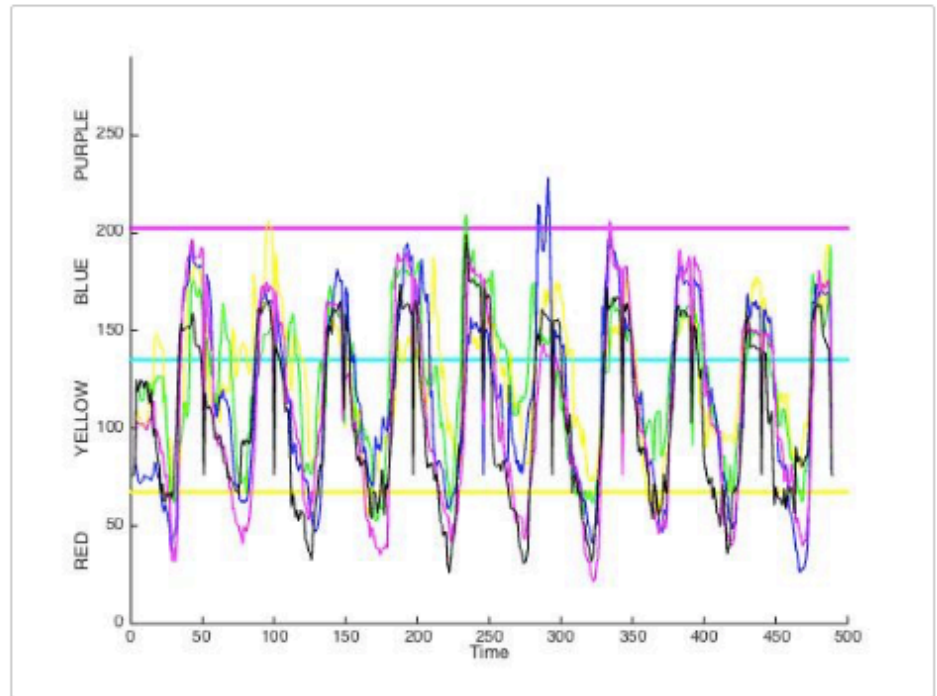
# Game Setup



CSV

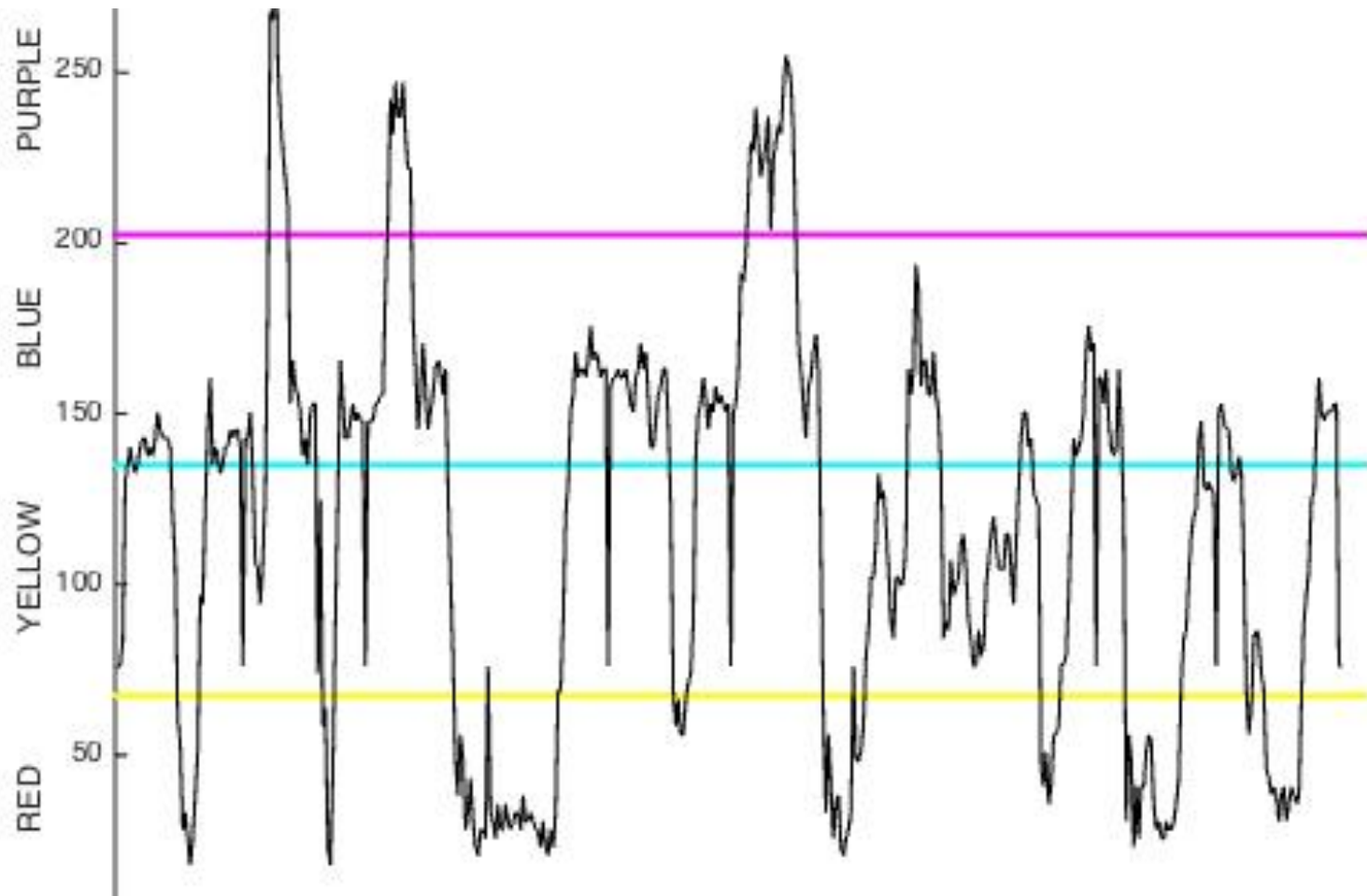
# I got a lot of data to sift through!

- sessionP...1\_04.csv
  - sessionP...1\_05.csv
  - sessionP...2\_01.csv
  - sessionP...2\_02.csv
  - sessionP...2\_03.csv
  - sessionP...2\_04.csv
  - sessionP...2\_05.csv
  - sessionP...1\_01.csv
  - sessionP...1\_02.csv
  - sessionP...1\_03.csv
  - sessionP...1\_04.csv
  - sessionP...1\_05.csv
  - sessionP...2\_01.csv
  - sessionP...2\_02.csv
  - sessionP...2\_03.csv
  - sessionP...2\_04.csv
  - sessionP...2\_05.csv
  - sessionP...1\_01.csv
  - sessionP...1\_02.csv
  - sessionP...1\_03.csv
  - sessionP...1\_04.csv
  - sessionP...1\_05.csv
  - sessionP...2\_01.csv
  - sessionP...2\_02.csv
  - sessionP...2\_03.csv
  - sessionP...2\_04.csv
- Average Day 2 All Trials.jpg
  - Average Day 2 T1.jpg
  - Average Day 2 T2.jpg
  - Average Day 2 T3.jpg
  - Average Day 2 T4.jpg
  - Average Day 2 T5.jpg
  - Average Day Plots.jpg
  - Average Day Slope Data
  - Jackson\_D1\_T1.jpg
  - Jackson\_D1\_T2.jpg
  - Jackson\_D1\_T3.jpg
  - Jackson\_D1\_T4.jpg
  - Jackson\_D1\_T5.jpg
  - Jackson\_D1\_TAvg.jpg
  - Jackson\_D2\_T1.jpg
  - Jackson\_D2\_T2.jpg
  - Jackson\_D2\_T3.jpg
  - Jackson\_D2\_T4.jpg
  - Jackson\_D2\_T5.jpg
  - Jackson\_D2\_TAvg.jpg
  - Melissa\_D1\_T1.jpg
  - Melissa\_D1\_T2.jpg
  - Melissa\_D1\_T3.jpg
  - Melissa\_D1\_T4.jpg
  - Melissa\_D1\_T5.jpg
  - Melissa\_D1\_TAvg.jpg

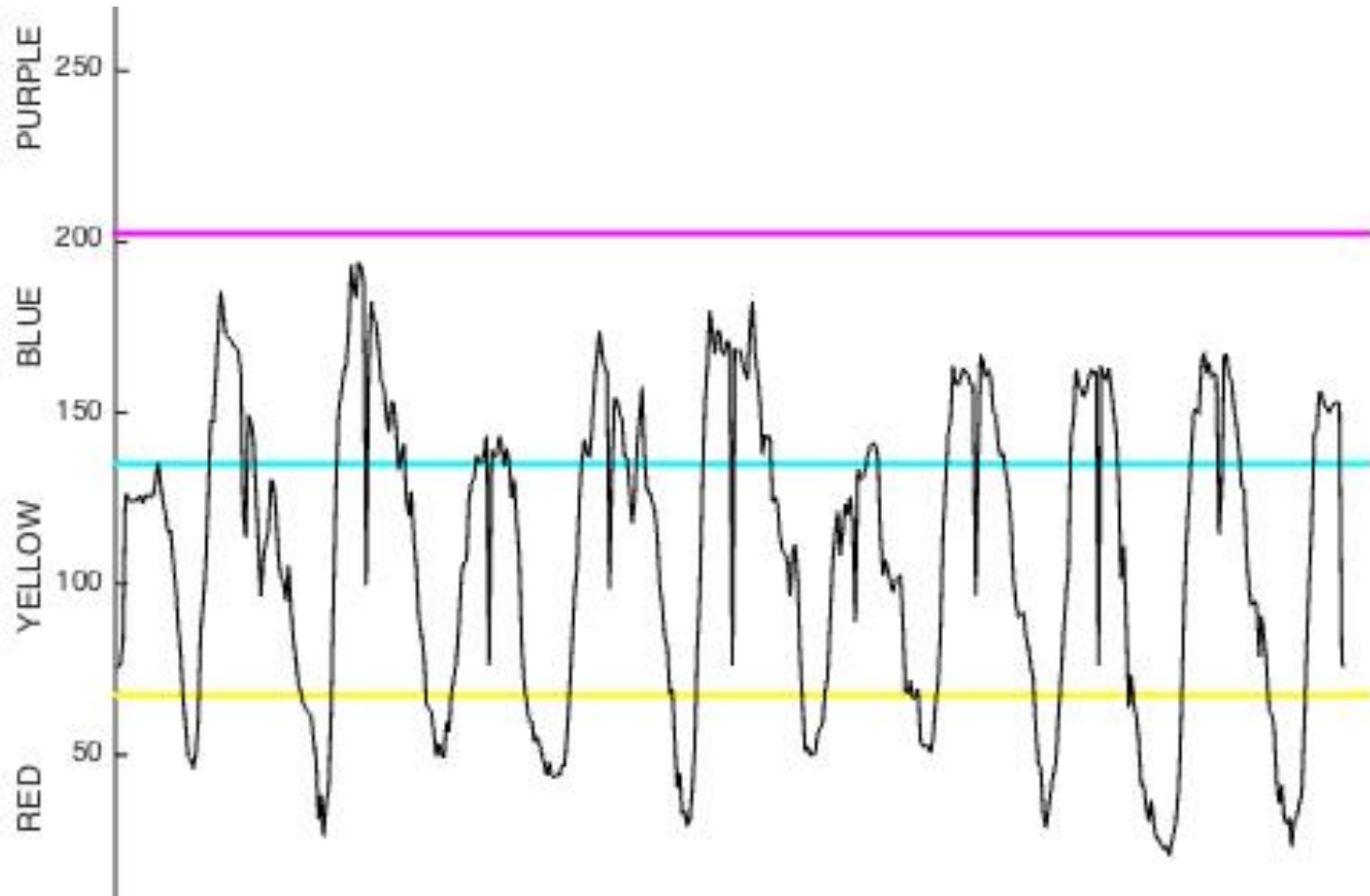


50 CSVs 74 Plots

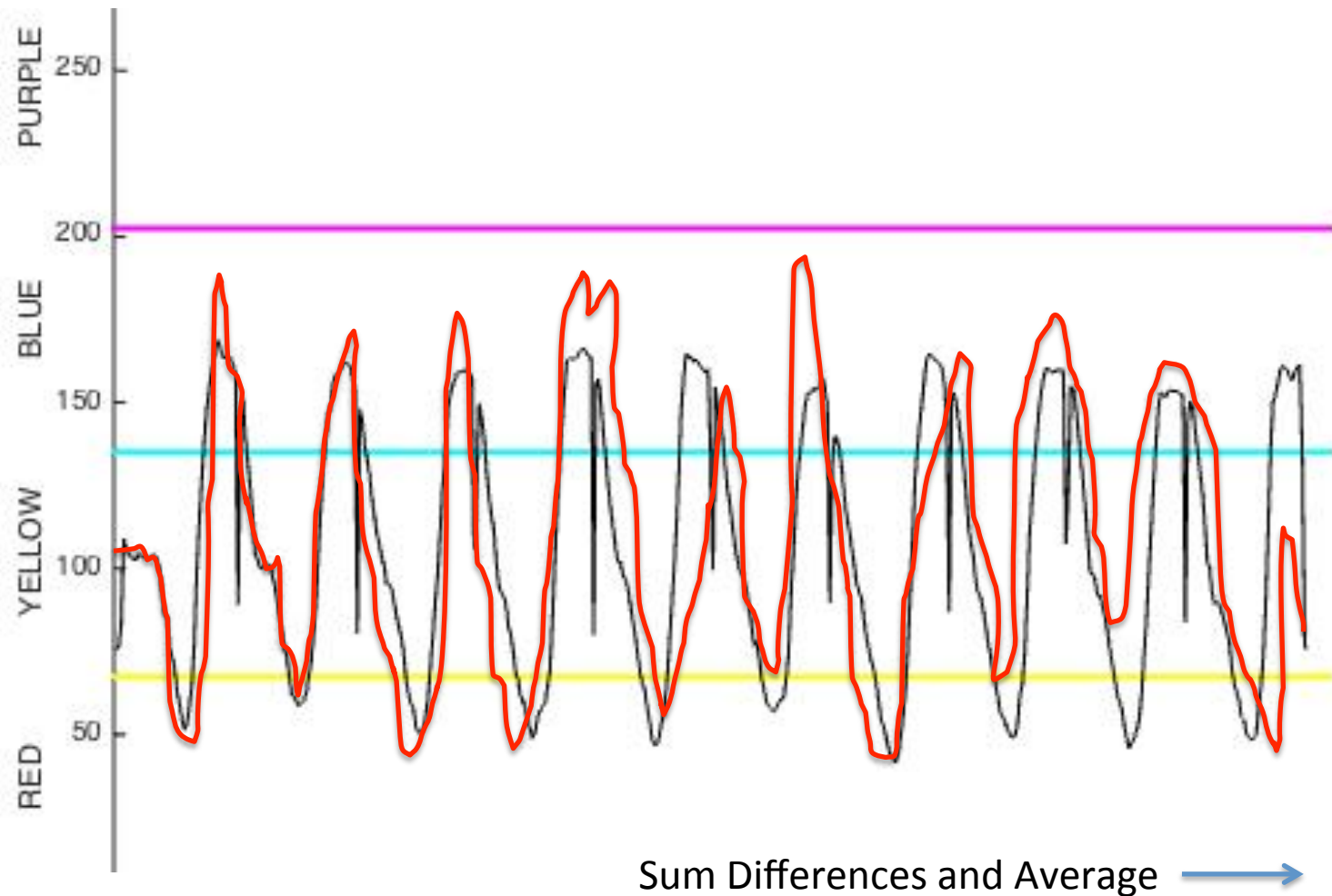
# Example output of a Trial (Day 1, Trial 2)



# Average Plot of Subject on Day 1



# Average plot Across all Trials and Days



# Stability of Gesture Increases Across Trials and Days

Mean Deviance from Average Trace Across Sessions

