Workflow by Zhen

A． Prepare data

1. raw2std: convert raw data to standard mat

2. mergedata: merge all subject data in a mat

B. RT analysis

1. visual RT distribution information for each conditions, each subjects(hist,scatterplot, box plot)
2. Determine the cutoff for RT
3. Find the extreme
4. Remove outlier trials
5. remove outlier subject

C. Accuracy or A prime analysis

1. visual accuracy distribution information for each conditions(hist,scatterplot, boxplot)
2. Determine the cutoff based on distribution of all trials of all subject or extreme value distribution )
3. Find the extreme
4. Remove outlier subjects

D. Contrast effect analysis

1. Effect by contrast of RT
2. Effect by contrast of accuracy
3. Other complex effect (e.g., A-B/A+B or slope)

E. Reliability analysis

1. Reliability analysis for RT
2. Reliability analysis for accuracy
3. Reliability analysis for interest of effect