

# Distribution of choices in pipelines for signal processing and statistical analysis based on their (dis-)agreement with expected hypotheses outcomes

— In Agreement  
— In Disagreement

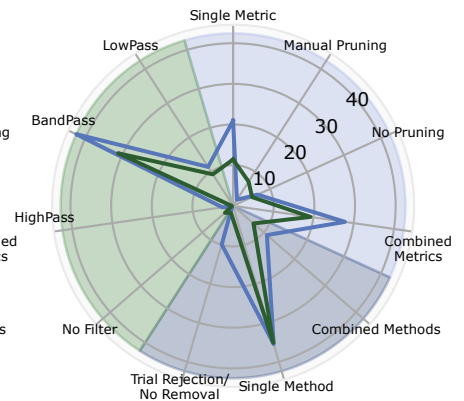
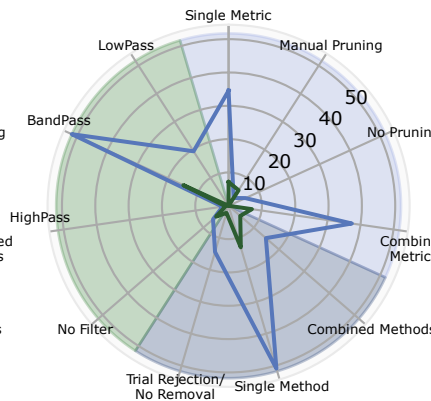
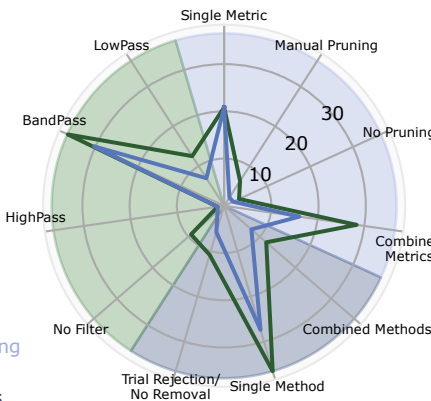
Study 1 Hypotheses 1,2,5 & 7  
(high confidence)

Study 1 Hypotheses 3,4 & 6  
(low confidence)

Study 2 all Hypotheses

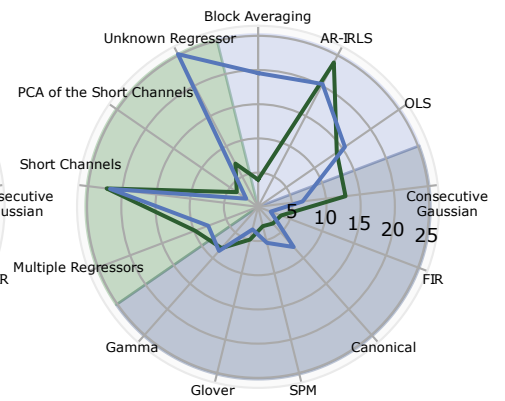
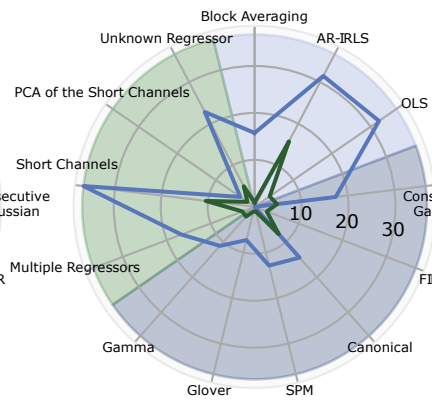
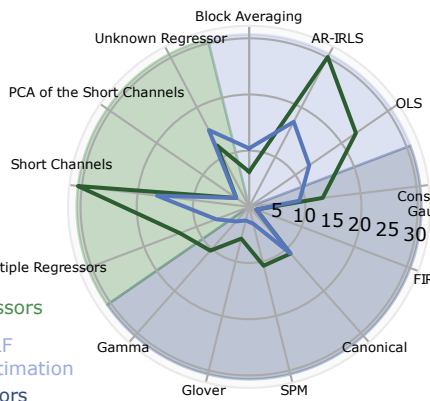
## Preprocessing

Filtering  
Motion Artifacts



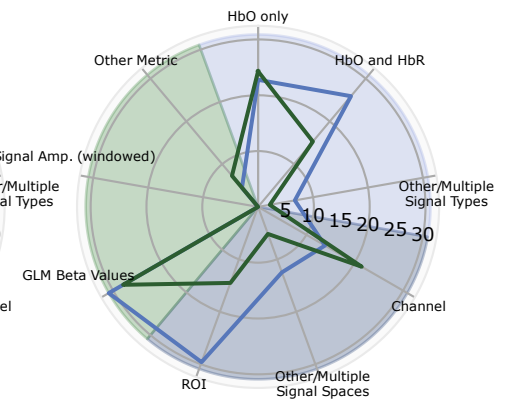
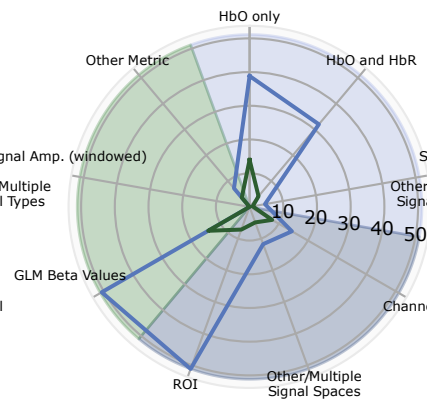
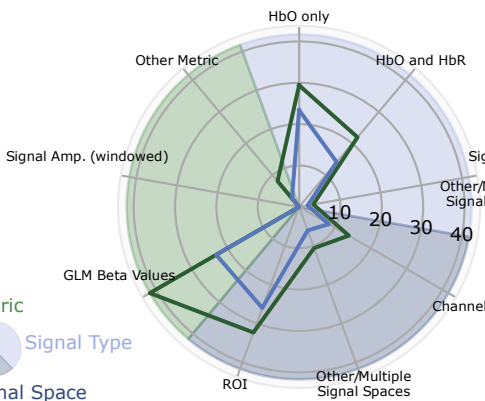
## HRF Extraction

Other Regressors  
HRF Estimation  
HRF Regressors



## Signals for Statistical Analysis

Metric  
Signal Type  
Signal Space



## Statistical Tests

Significance Level  
Statistical Method  
Mult. Comparisons Correction

