

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

In Agreement  
In Disagreement

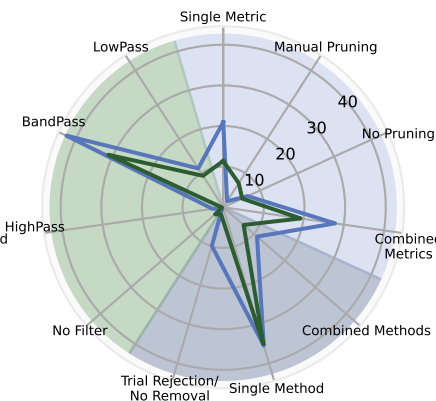
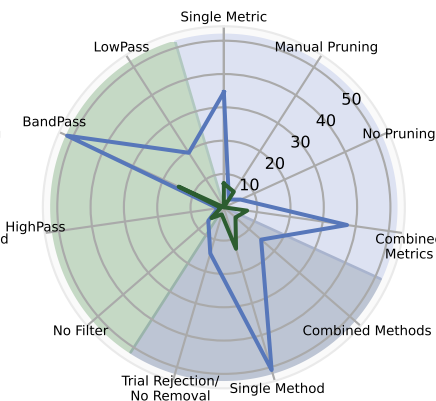
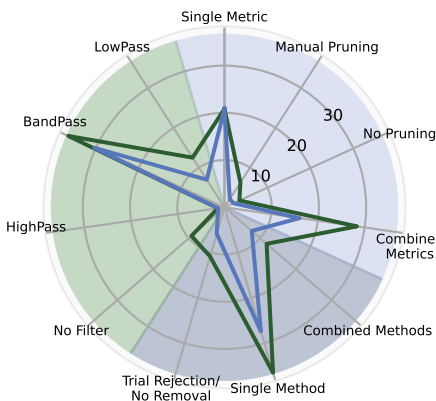
Study 1 Hypotheses 1,2,5 & 7  
(high confidence)

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

Study 2 all Hypotheses

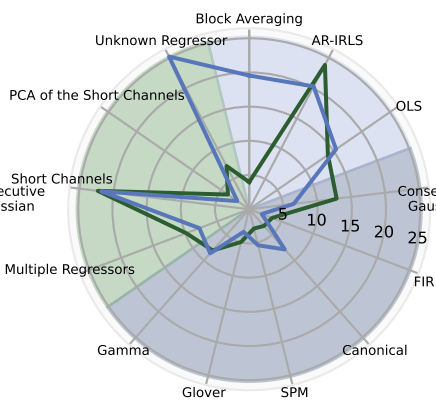
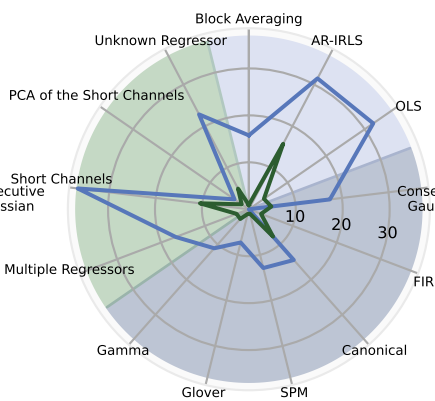
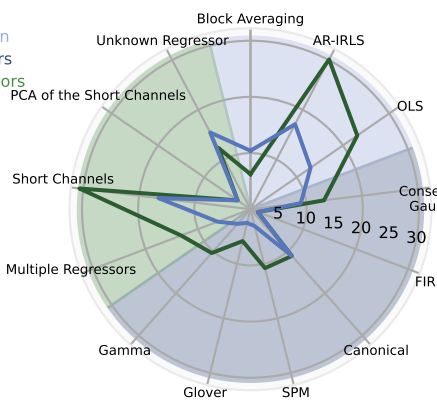
Pruning  
Motion Artefacts  
Filtering

Preprocessing



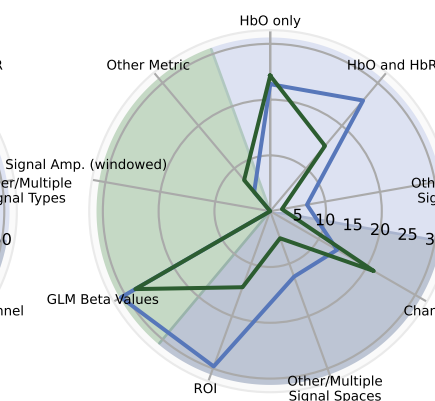
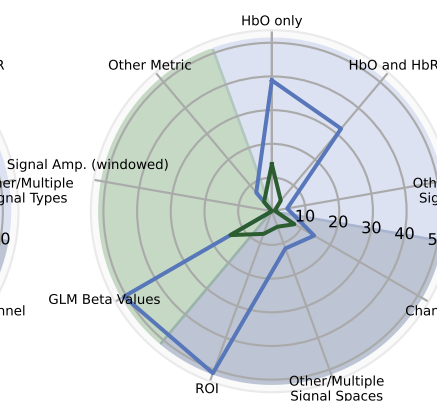
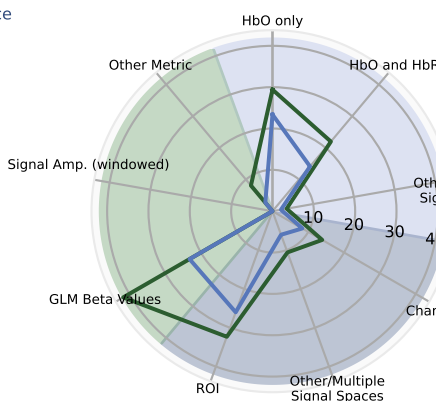
HRF Estimation  
HRF Regressors  
Other Regressors

HRF Extraction



Signal Type  
Signal Space  
Metric

Signals for Statistical Analysis



Statistical Method  
Multiple Comparisons Correction  
p-Value

Statistical Tests

