

# FecSef\_m.213

31-Mar-2010

code revision: 3372

/haitasj/manuscripts/errorMonitoringBySpikeSynchronyInSupplementaryEyeField

## Electrodes

DSP01

## Units

a,b,c,d,e

## Alignments

Saccade\_

## Trial Types

GOCorrect

NOGOWrong

FecSef\_m.213

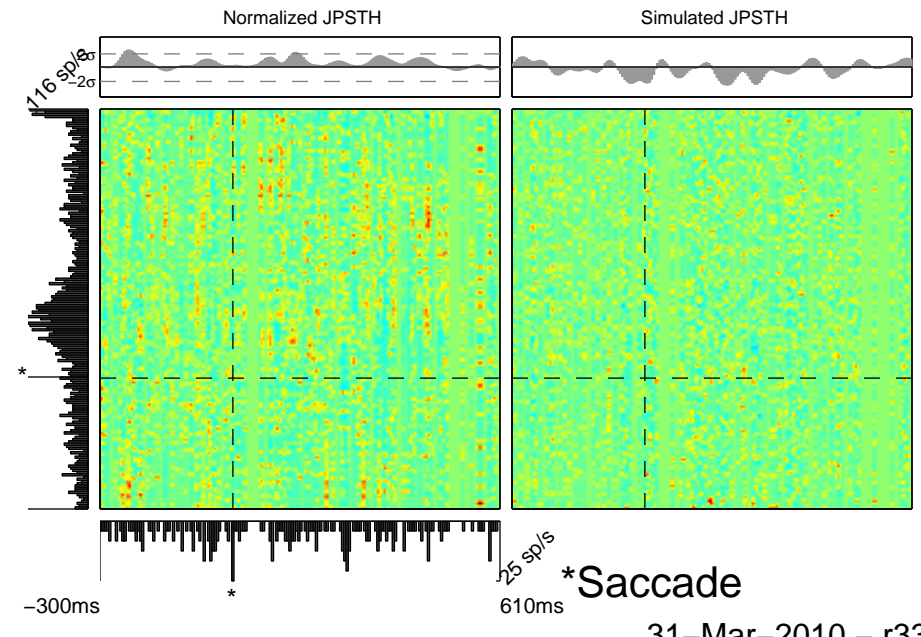
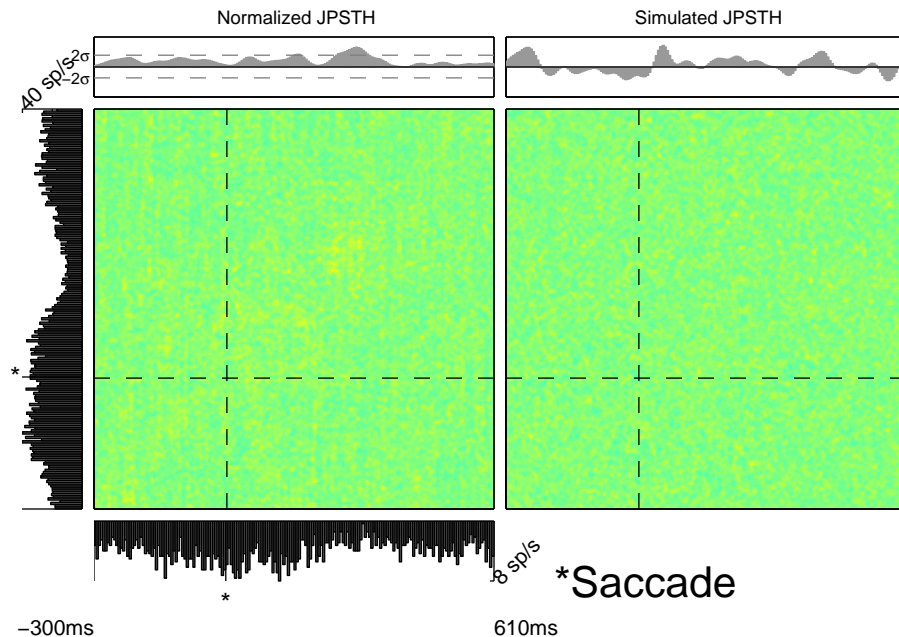
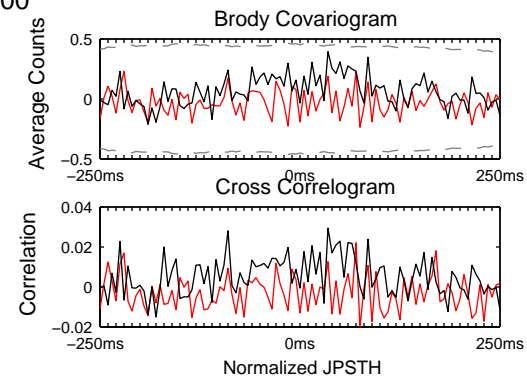
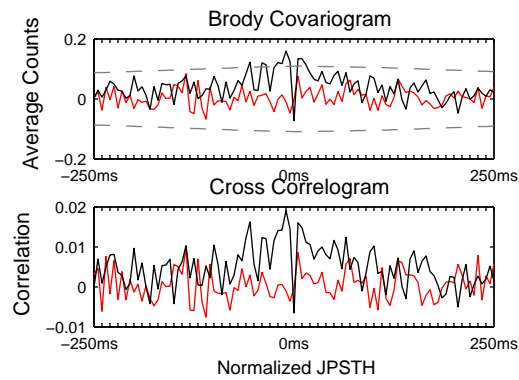
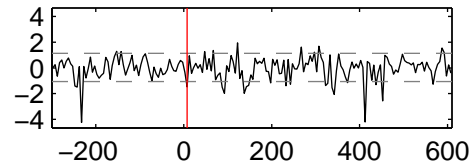
Pair: 01a, 01b

PSTCH Comparison First Crossing = 7.5 ms

Trial Type: GOCorrect  
 Number of Trials: 501  
 Bin Width: 5ms  
 Coin Width: +/- 50ms  
 Covariogram Peak: 0.159

Trial Type: NOGOWrong  
 Number of Trials: 48  
 Bin Width: 5ms  
 Coin Width: +/- 50ms  
 Covariogram Peak: 0.393

PSTCH Comparison

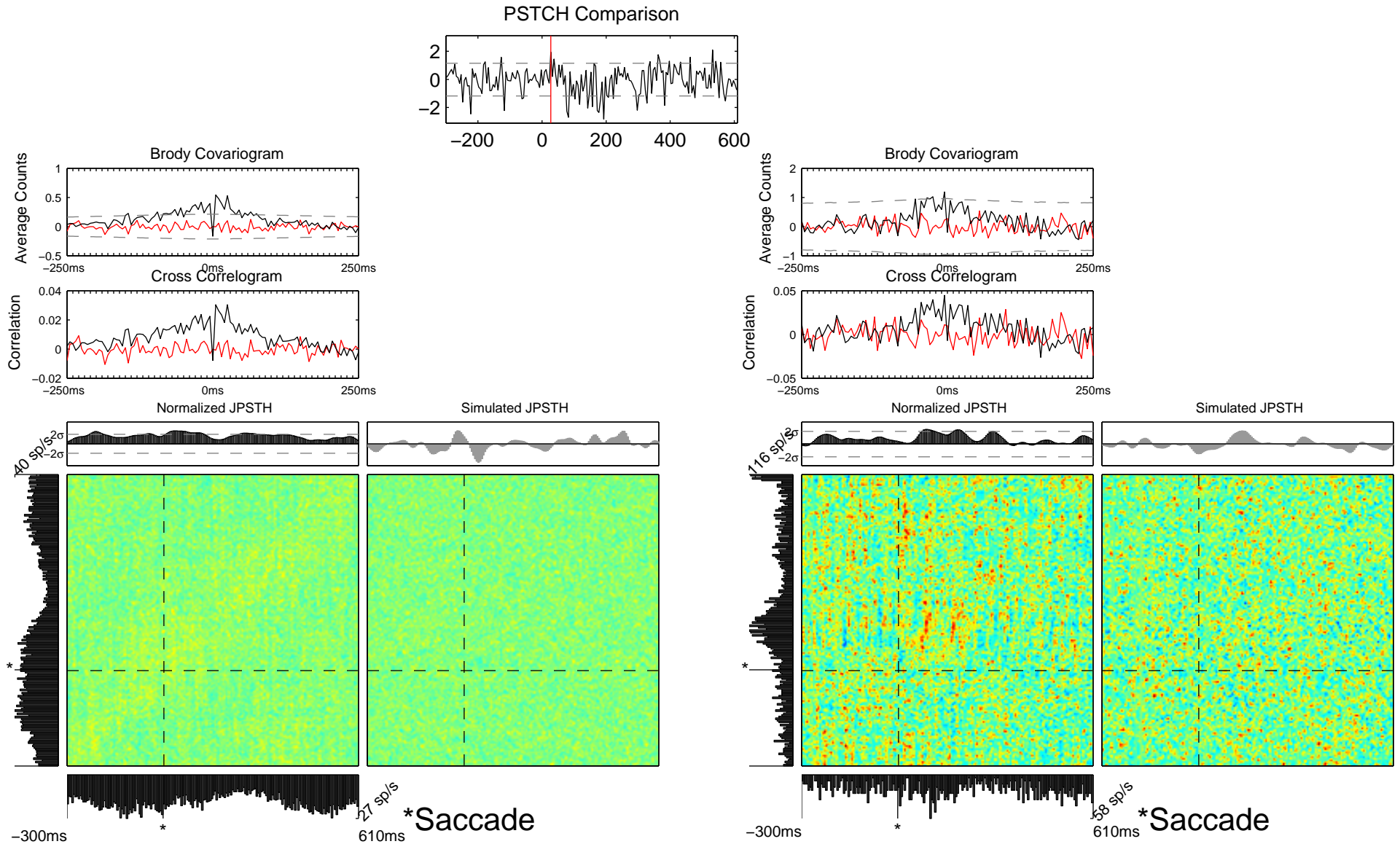


Pair: 01a, 01c

PSTCH Comparison First Crossing = 27.5 ms

Trial Type: GOCorrect  
 Number of Trials: 501  
 Bin Width: 5ms  
 Coin Width: +/- 50ms  
 Covariogram Peak: 0.542

Trial Type: NOGOWrong  
Number of Trials: 48  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 1.19



FecSef\_m.213

Pair: 01a, 01d

PSTCH Comparison First Crossing = 22.5 ms

Trial Type: GOCorrect

Number of Trials: 501

Bin Width: 5ms

Coin Width: +/- 50ms

Covariogram Peak: 0.0764

Trial Type: NOGOWrong

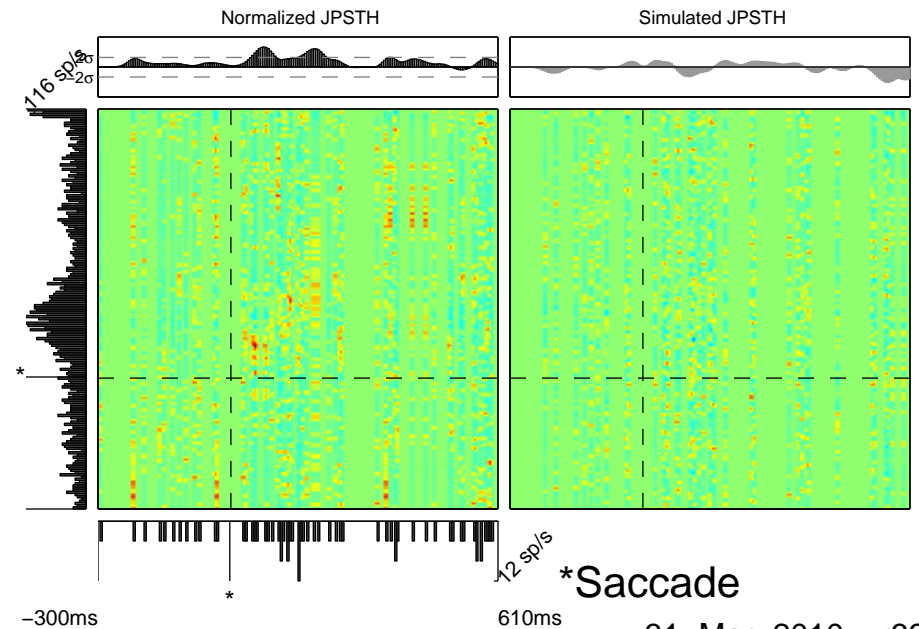
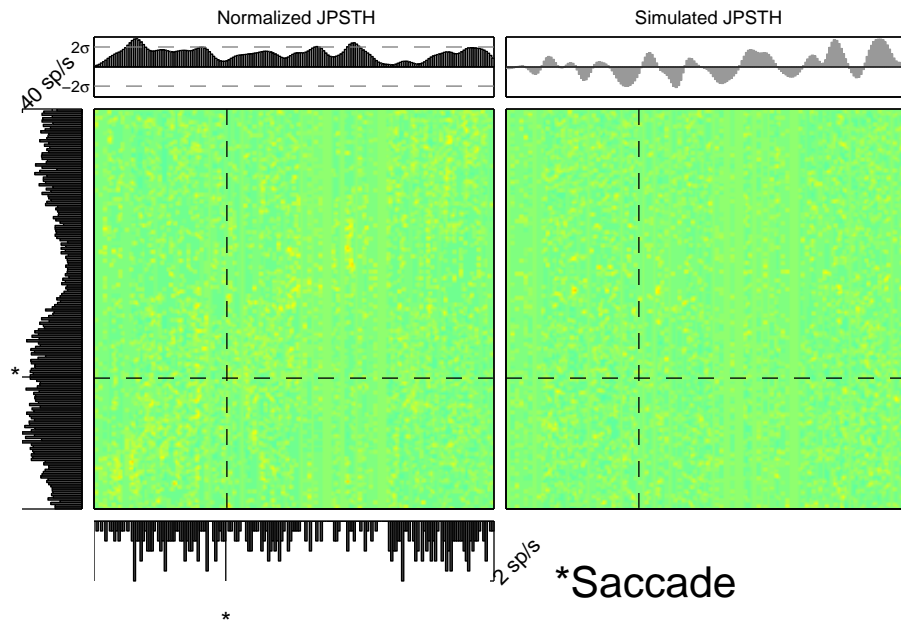
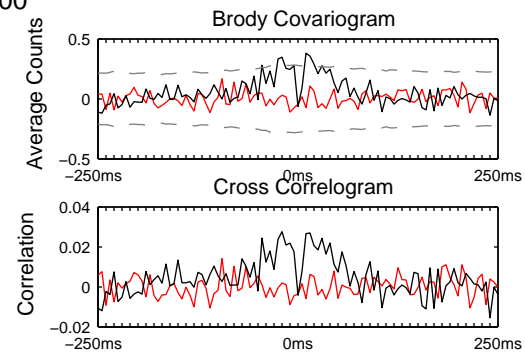
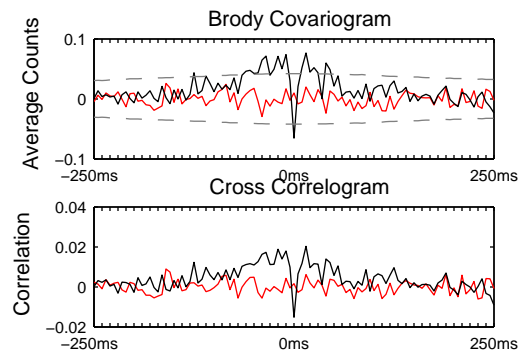
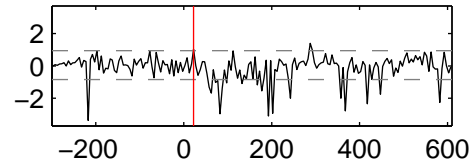
Number of Trials: 48

Bin Width: 5ms

Coin Width: +/- 50ms

Covariogram Peak: 0.381

PSTCH Comparison



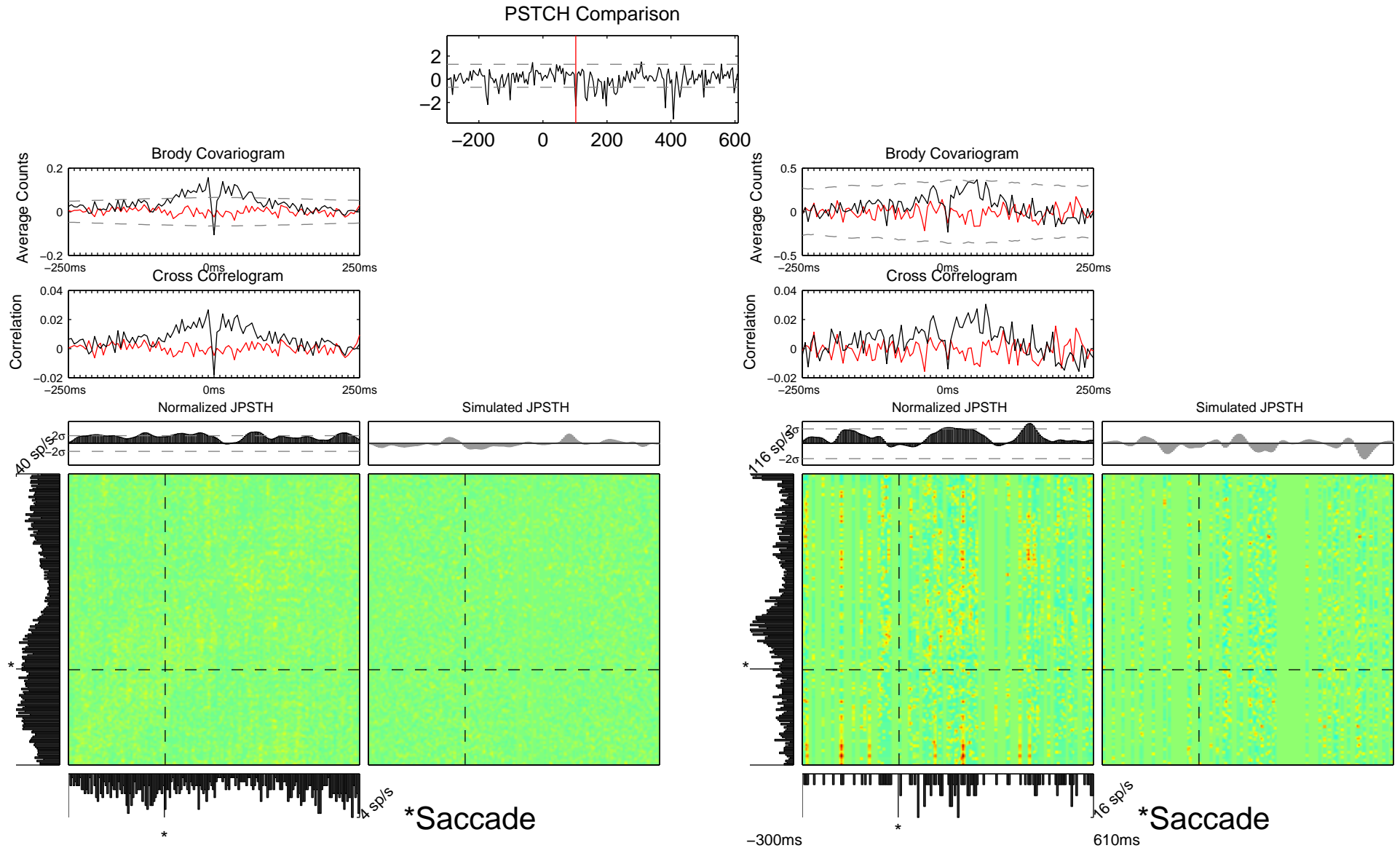


Pair: 01a, 01e

PSTCH Comparison First Crossing = 102.5 ms

Trial Type: GOCorrect  
Number of Trials: 501  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.157

Trial Type: NOGOWrong  
Number of Trials: 48  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.367



FecSef\_m.213

Pair: 01b, 01c

PSTCH Comparison First Crossing = 17.5 ms

Trial Type: GOCorrect

Number of Trials: 501

Bin Width: 5ms

Coin Width: +/- 50ms

Covariogram Peak: 0.191

Trial Type: NOGOWrong

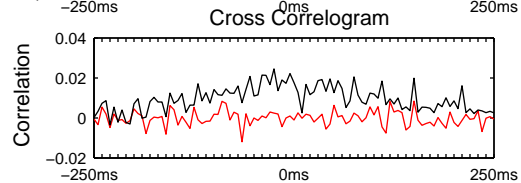
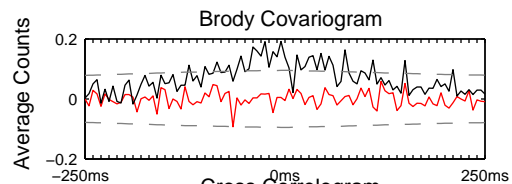
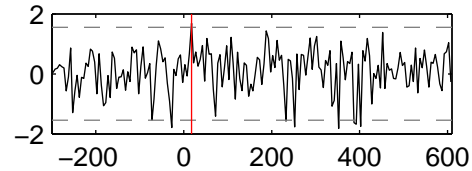
Number of Trials: 48

Bin Width: 5ms

Coin Width: +/- 50ms

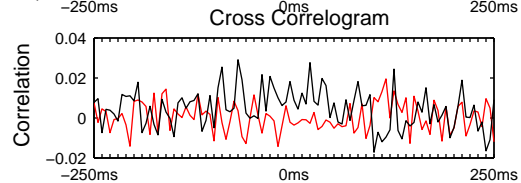
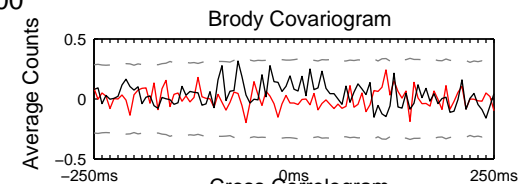
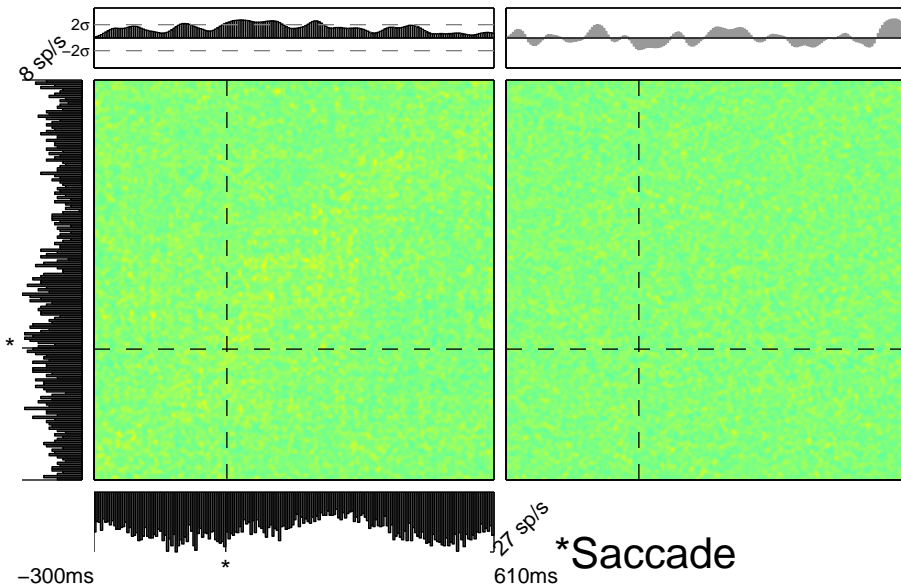
Covariogram Peak: 0.315

PSTCH Comparison



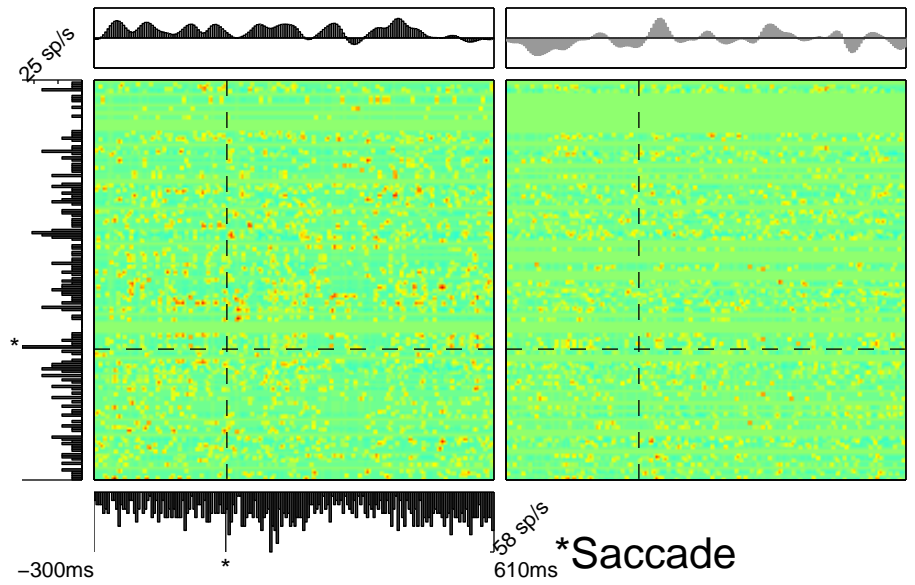
Normalized JPSTH

Simulated JPSTH



Normalized JPSTH

Simulated JPSTH



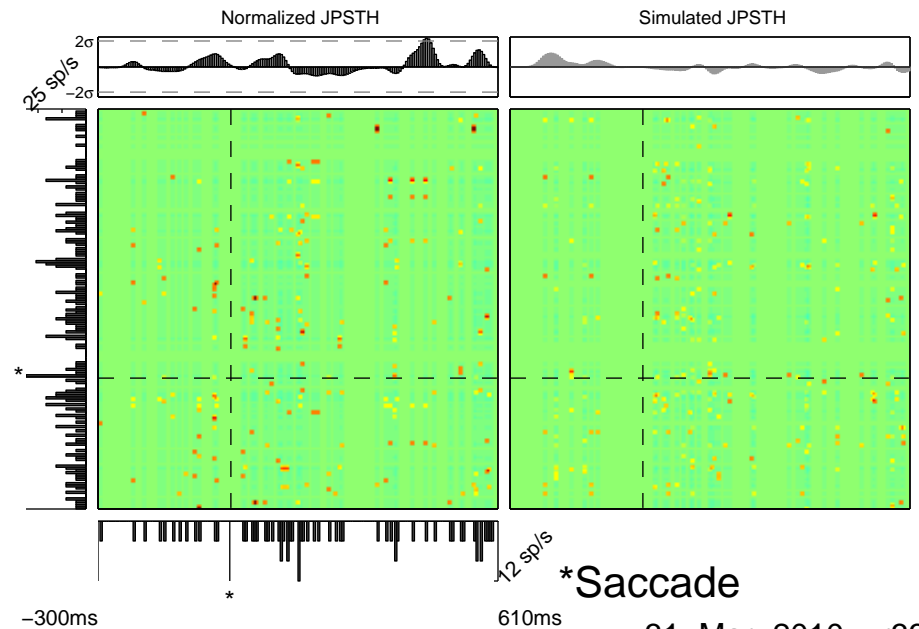
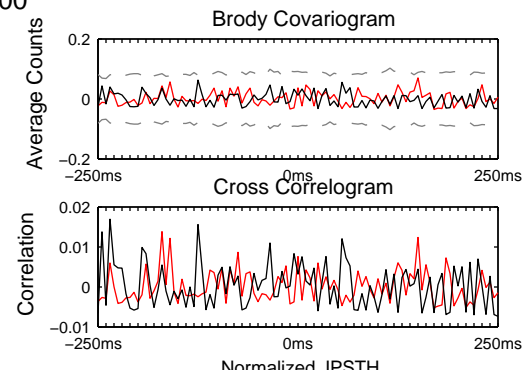
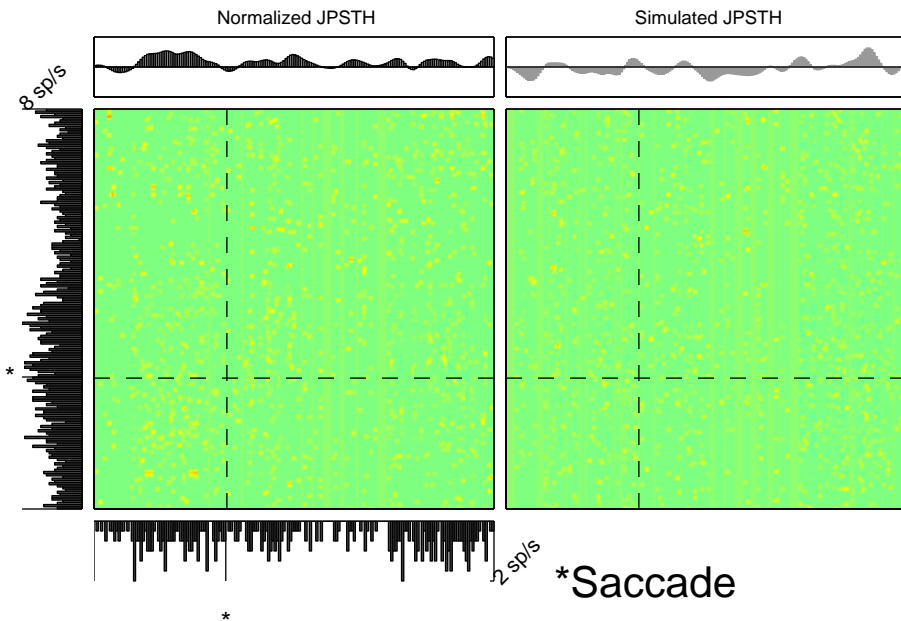
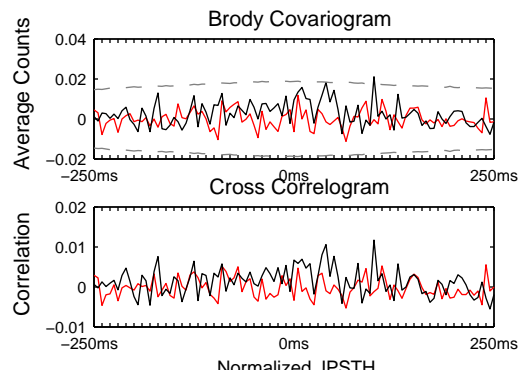
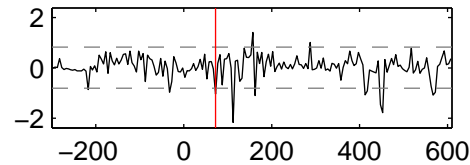
FecSef\_m.213  
Pair: 01b, 01d

PSTCH Comparison First Crossing = 72.5 ms

Trial Type: GOCorrect  
Number of Trials: 501  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.0211

Trial Type: NOGOWrong  
Number of Trials: 48  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.0625

PSTCH Comparison

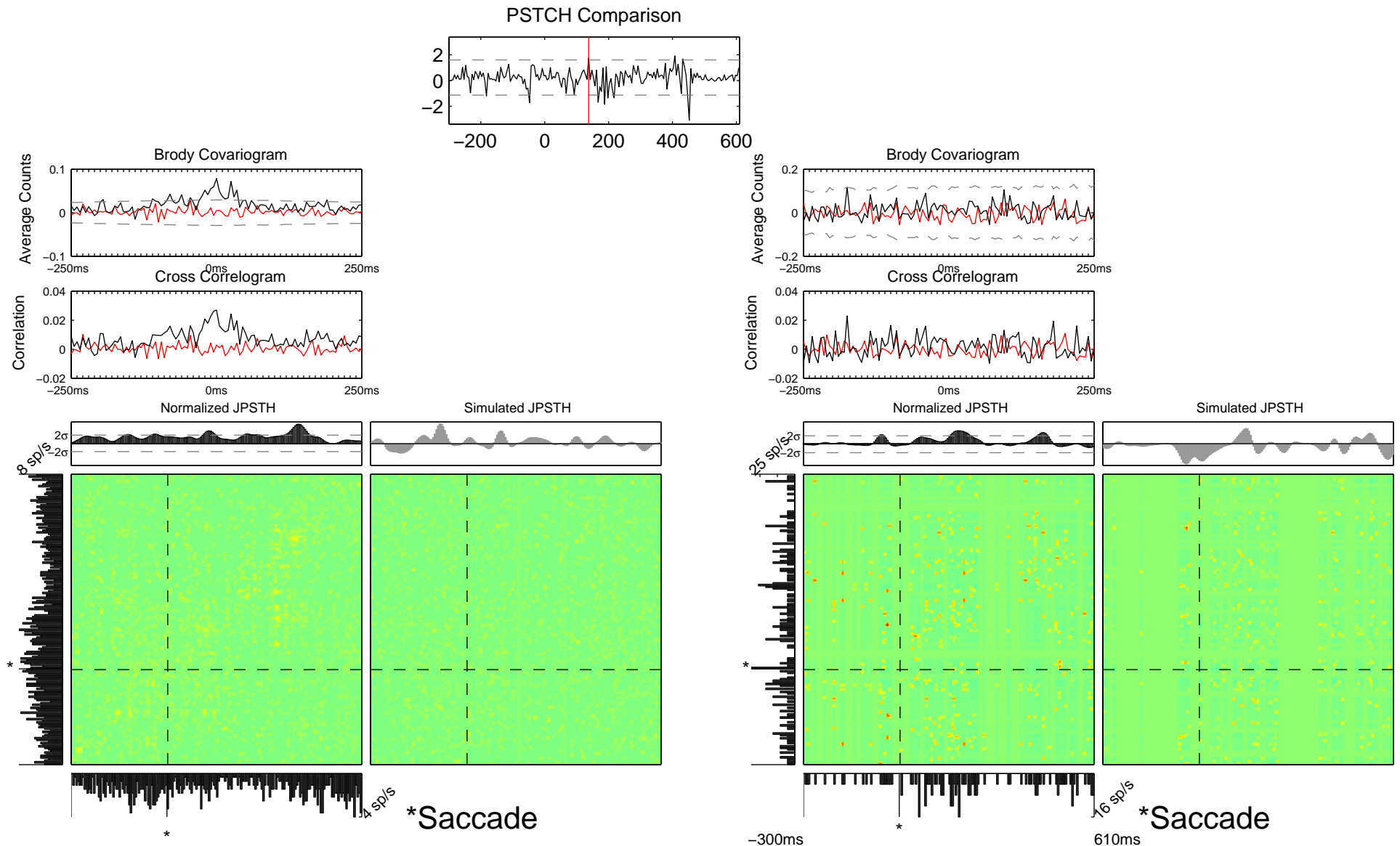


Pair: 01b, 01e

PSTCH Comparison First Crossing = 137.5 ms

Trial Type: GOCorrect  
Number of Trials: 501  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.0786

Trial Type: NOGOWrong  
Number of Trials: 48  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.117





FecSef\_m.213

Pair: 01c, 01d

PSTCH Comparison First Crossing = 32.5 ms

Trial Type: GOCorrect

Number of Trials: 501

Bin Width: 5ms

Coin Width:  $\pm 50$ ms

Covariogram Peak: 0.0426

Trial Type: NOGOWrong

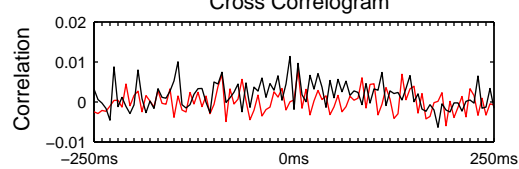
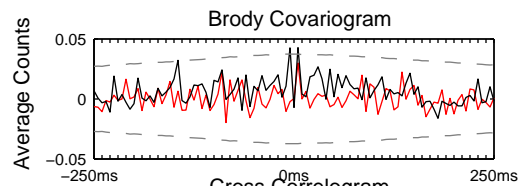
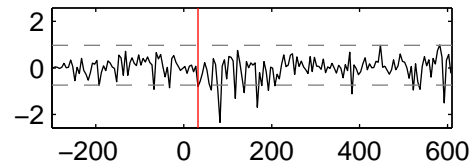
Number of Trials: 48

Bin Width: 5ms

Coin Width:  $\pm 50$ ms

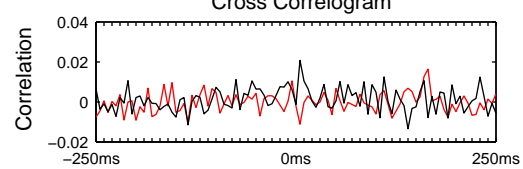
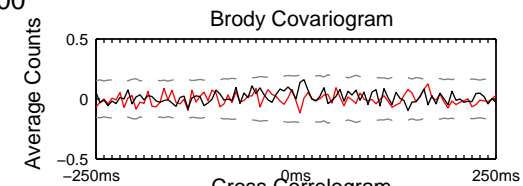
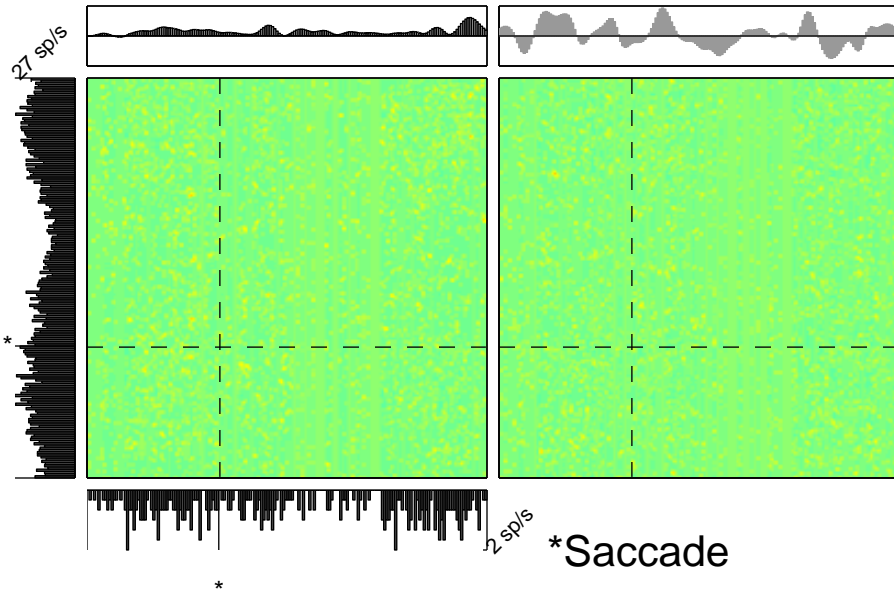
Covariogram Peak: 0.16

PSTCH Comparison



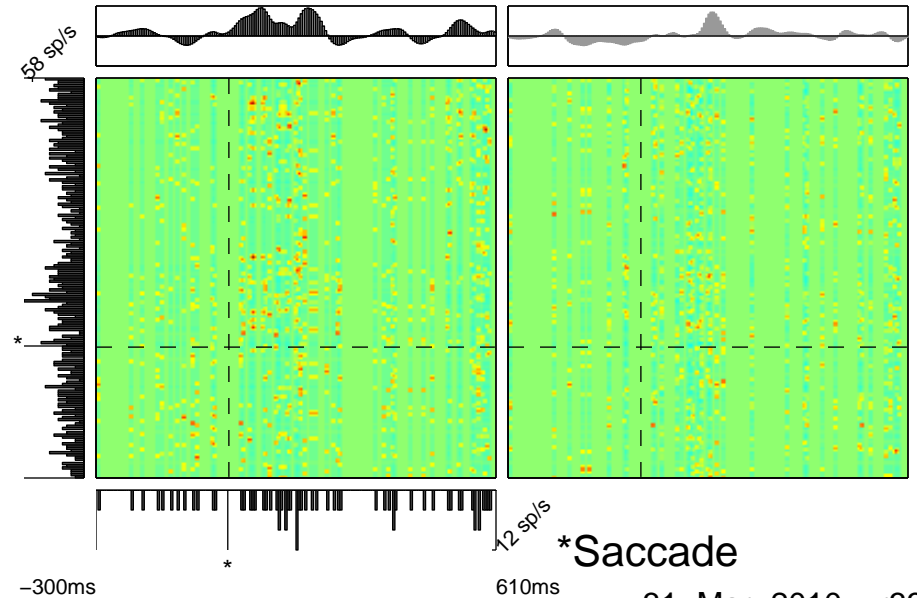
Normalized JPSTH

Simulated JPSTH



Normalized JPSTH

Simulated JPSTH



Pair: 01c, 01e

PSTCH Comparison First Crossing = 42.5 ms

Number of Trials: 501

Coin Width:  $\pm 50\text{ms}$

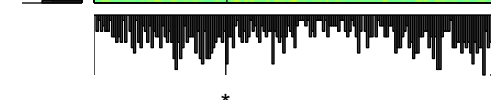
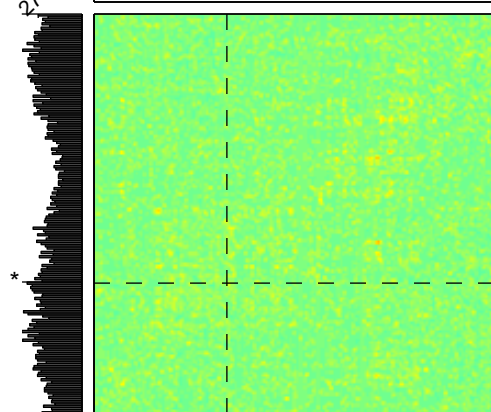
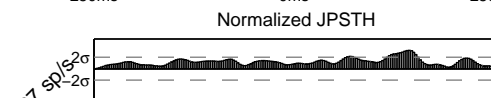
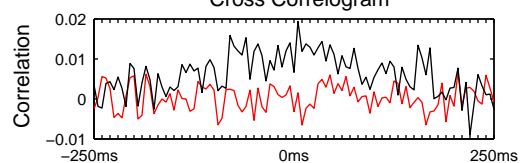
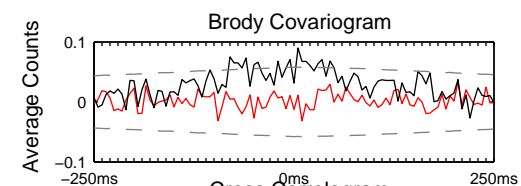
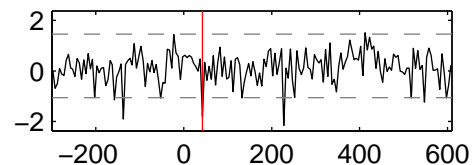
Covariogram Peak: 0.0897

Number of Trials: 48

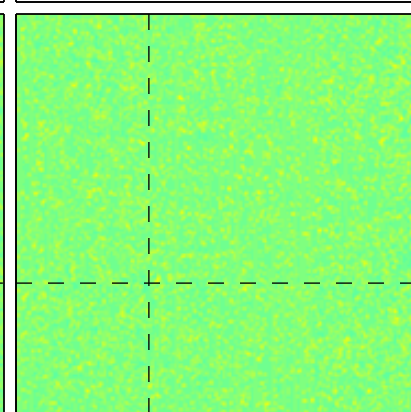
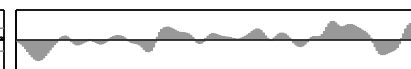
Coin Width:  $\pm 50\text{ms}$

Covariogram Peak: 0.212

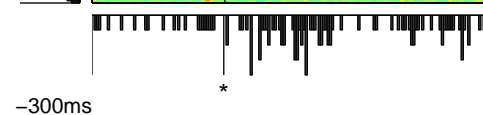
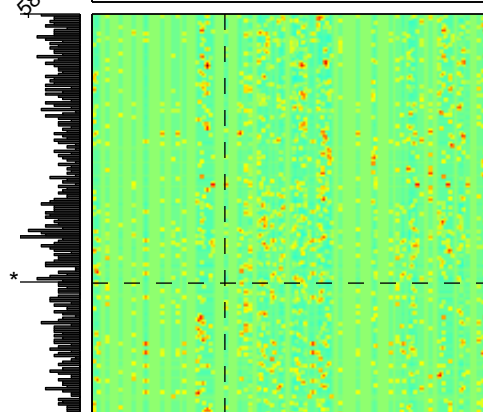
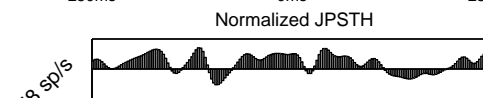
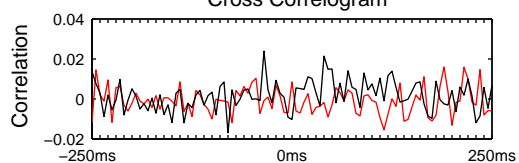
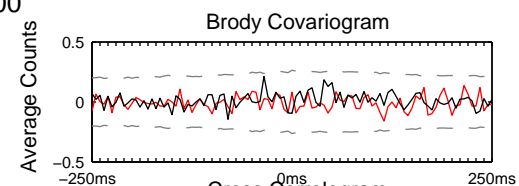
## PSTCH Comparison



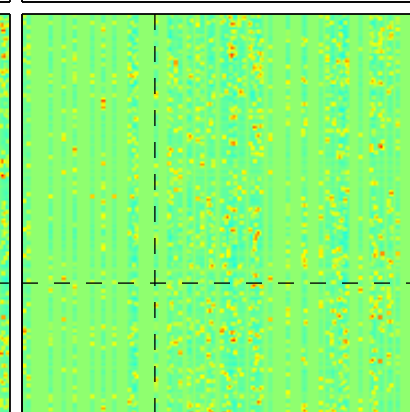
Simulated JPSTH



\*Saccade



Simulated JPSTH



\*Saccade

Pair: 01d, 01e

PSTCH Comparison First Crossing = 47.5 ms

Trial Type: GOCorrect  
Number of Trials: 501  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.0123

Trial Type: NOGOWrong  
Number of Trials: 48  
Bin Width: 5ms  
Coin Width: +/- 50ms  
Covariogram Peak: 0.0838

