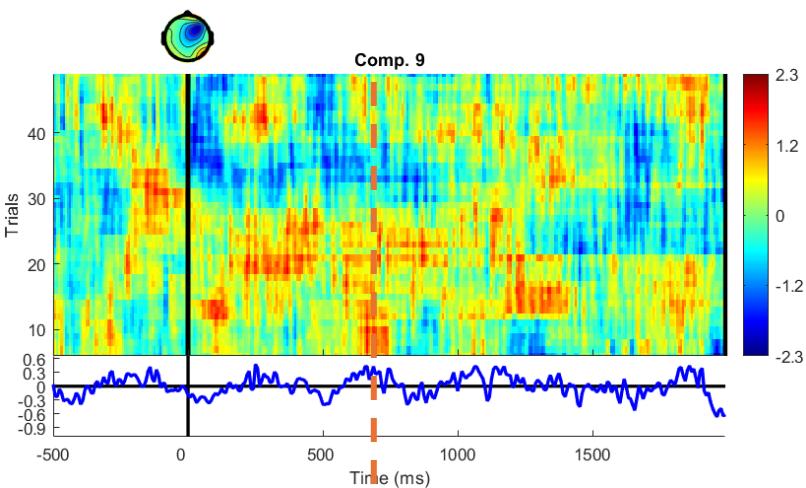
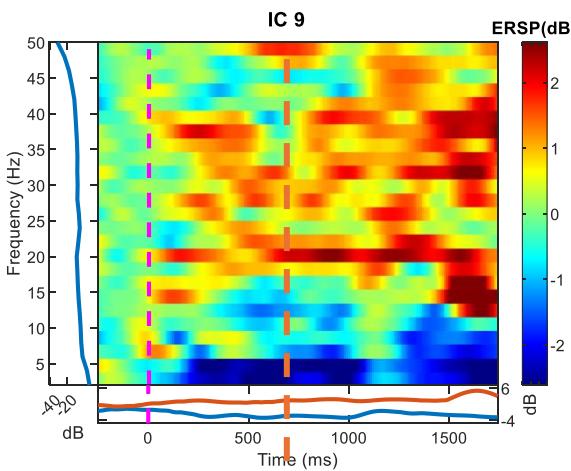
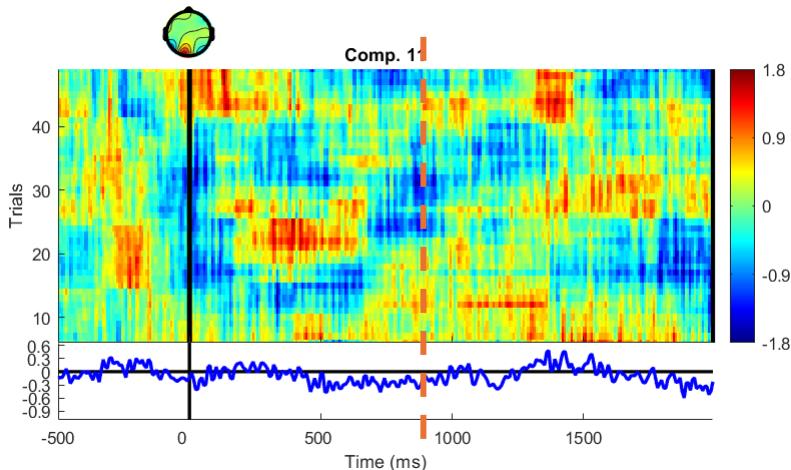
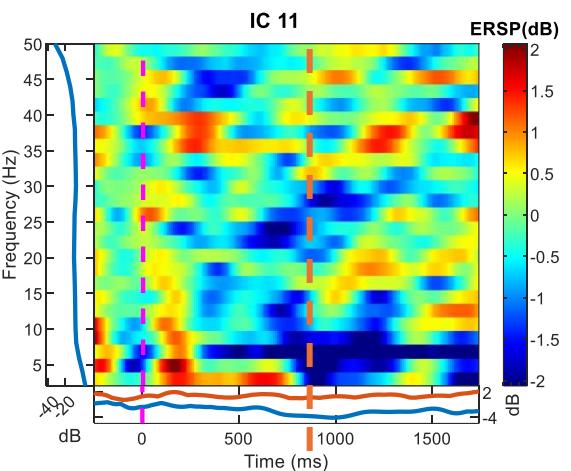


105

# 105\_1\_2

Occipital O1	
Time	+800ms
Theta	increase
Alpha	decrease

Frontal F4	
Time	+650ms
Theta	increase
Alpha	decrease

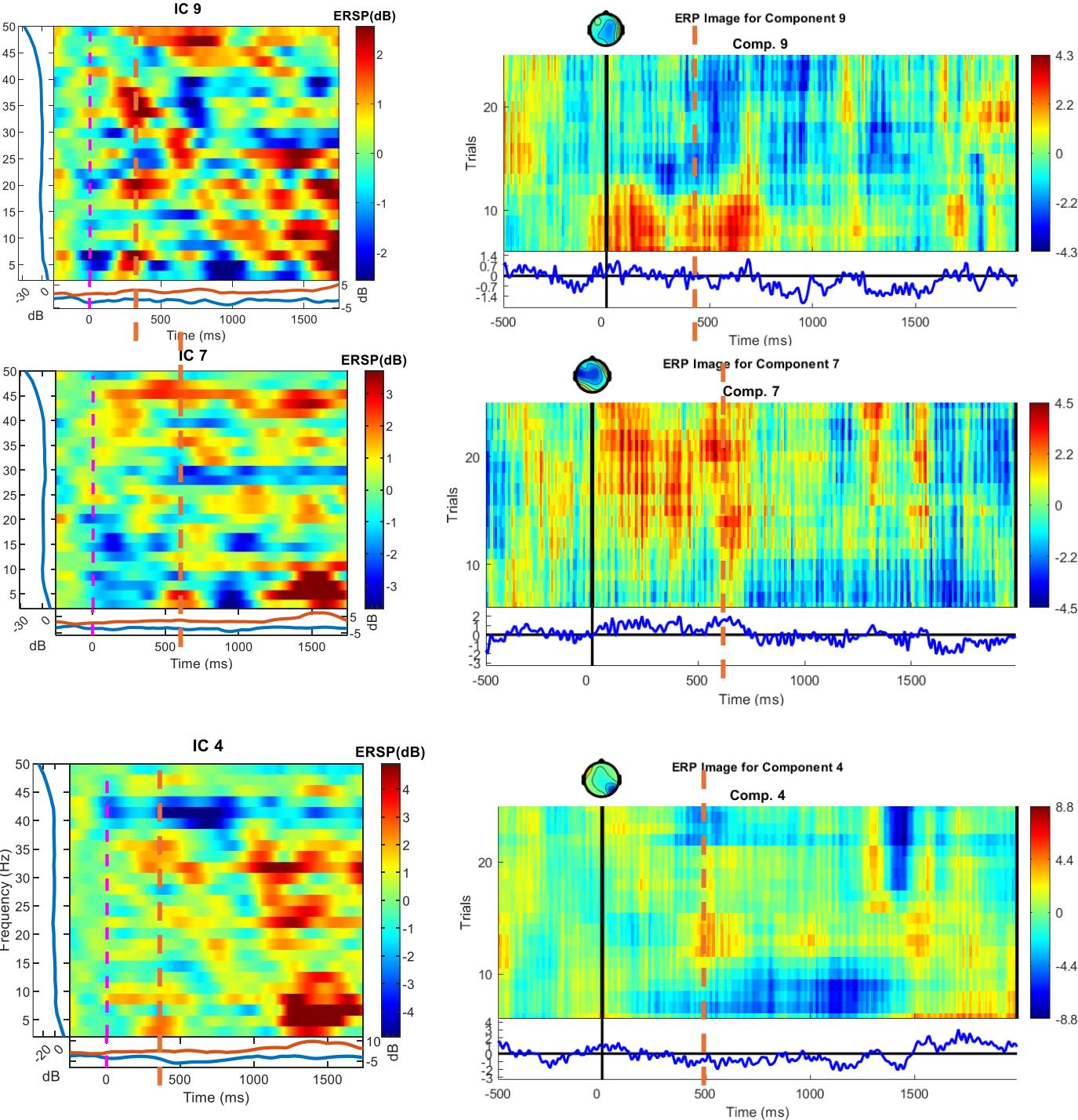


# 105\_2\_1

Frontal F4	
Time	+300ms
Theta	increase
Alpha	decrease

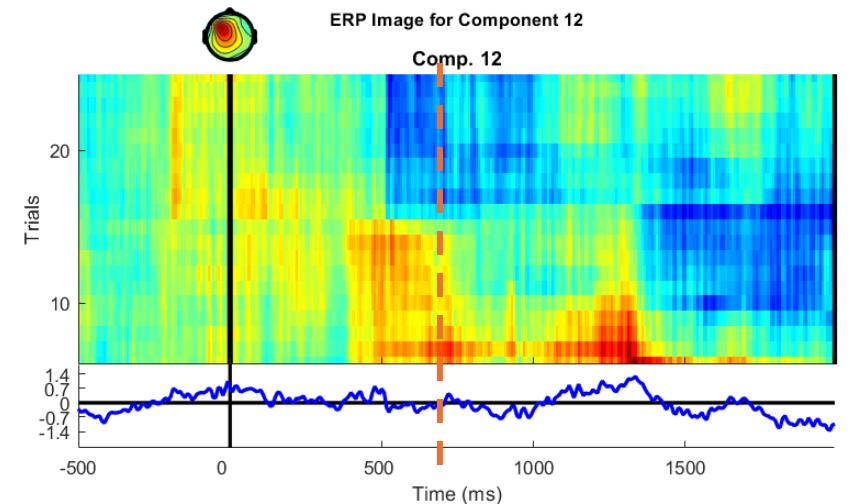
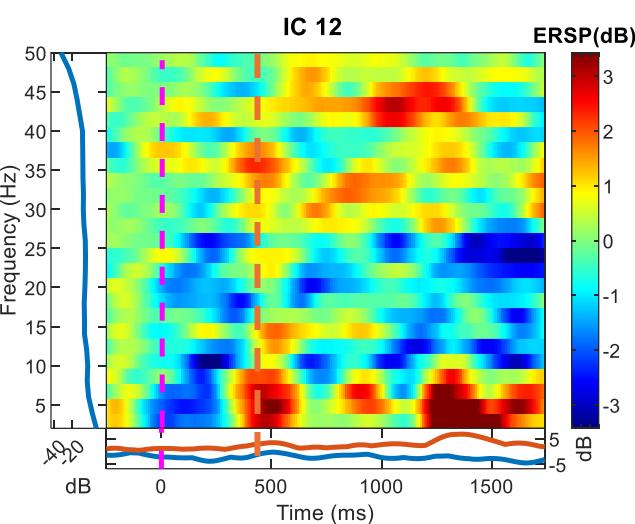
Frontal FC5	
Time	+590ms
Theta	increase
Alpha	decrease

Parietal P8	
Time	+300ms
Theta	increase
Alpha	decrease

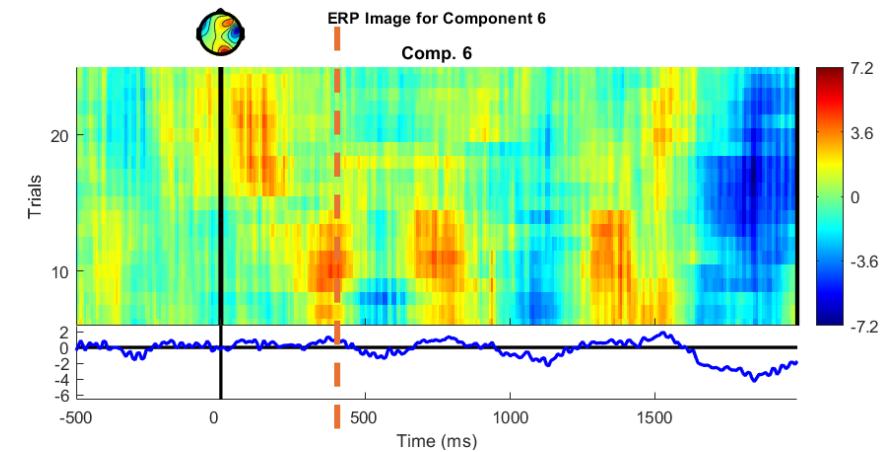
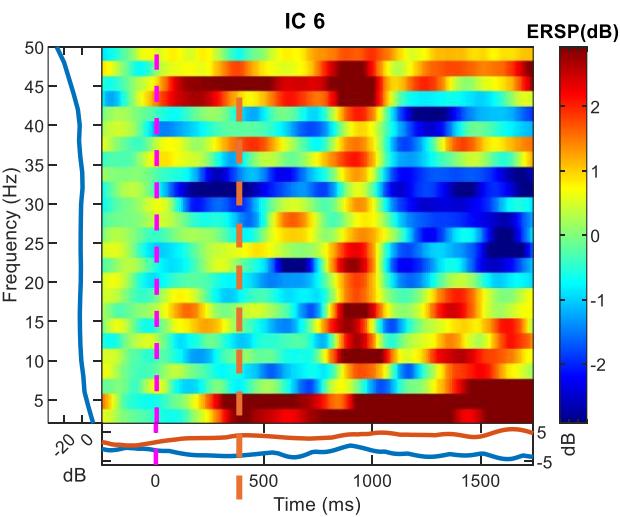


105\_2\_2

Frontal F3	
Time	+450ms
Theta	increase
Alpha	decrease

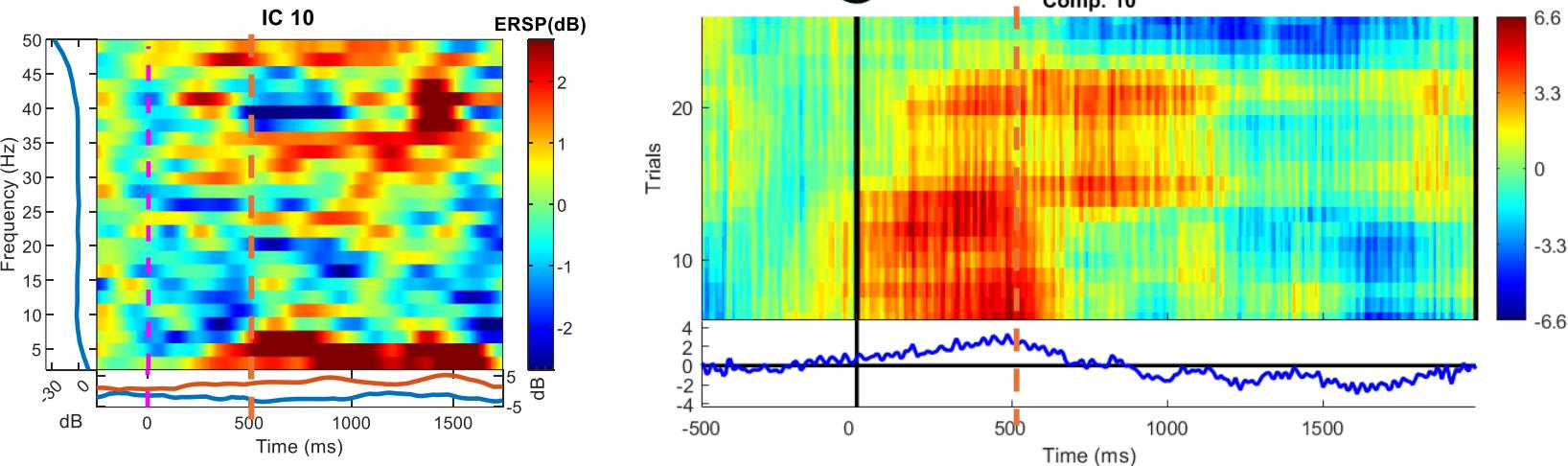


Frontal F7	
Time	+400ms
Theta	increase
Alpha	decrease

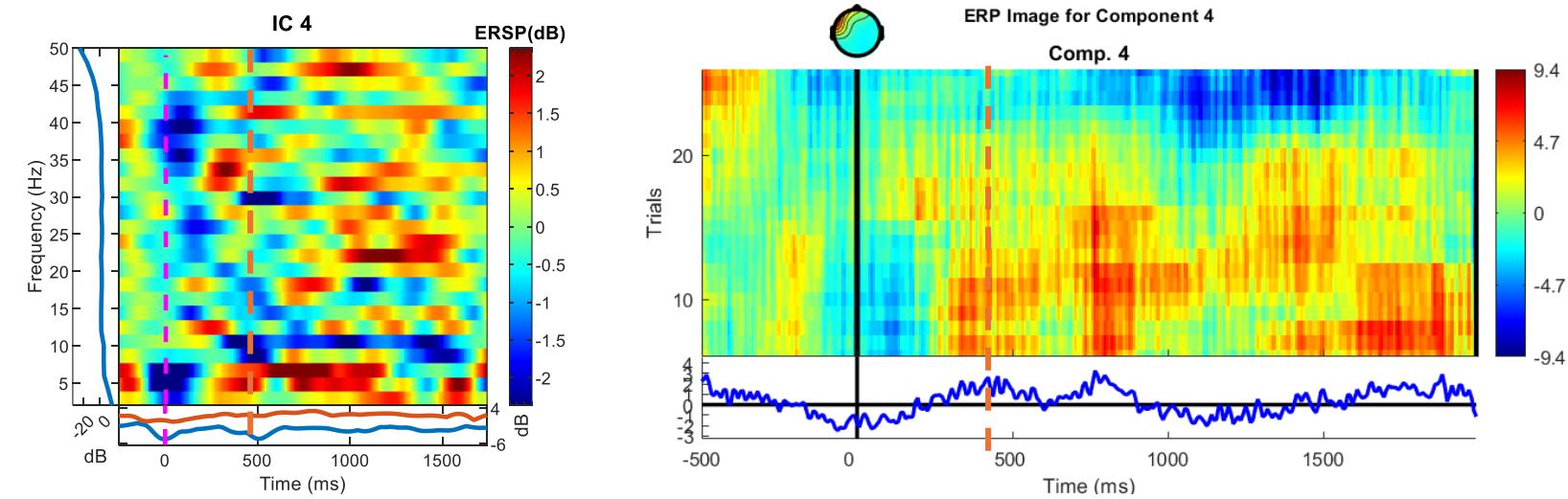


105\_2\_3

Frontal FC5	
Time	+500ms
Theta	increase
Alpha	decrease

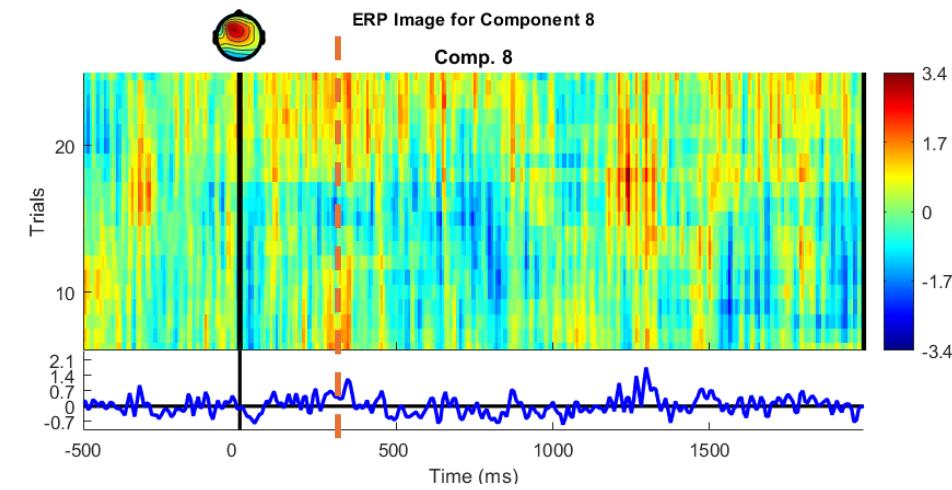
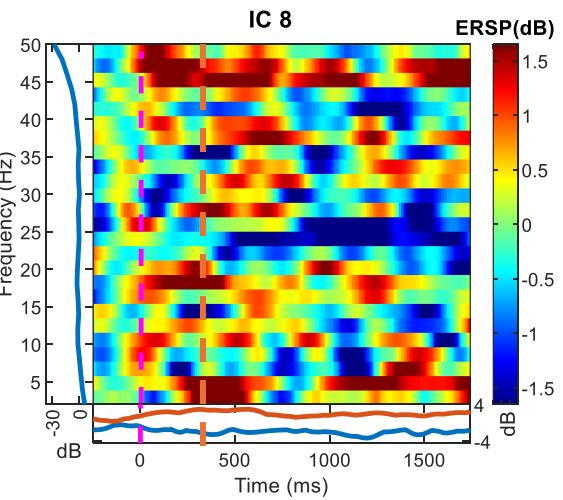


Frontal F7	
Time	+490ms
Theta	increase
Alpha	decrease

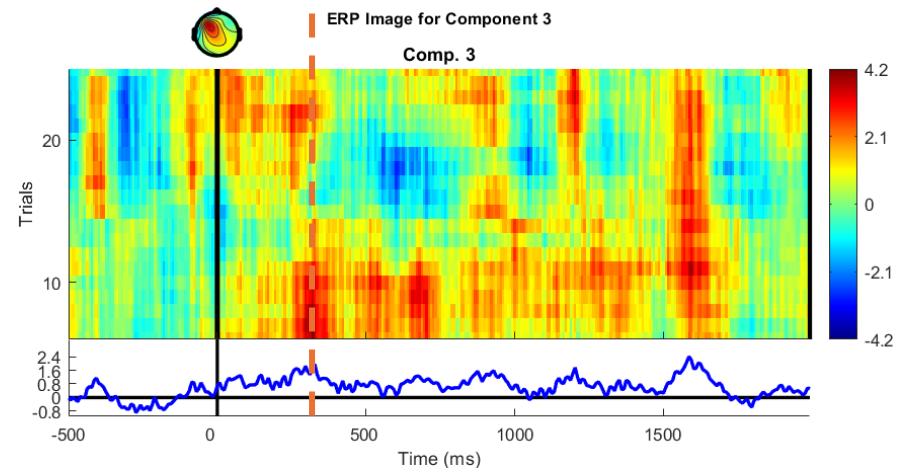
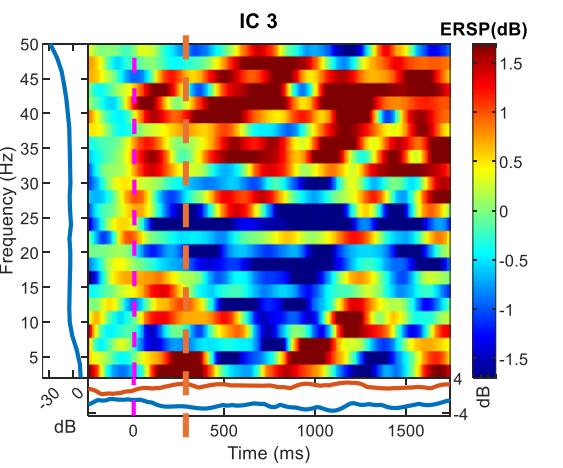


# 105\_3\_1

Frontal FC5	
Time	+300ms
Theta	increase
Alpha	decrease

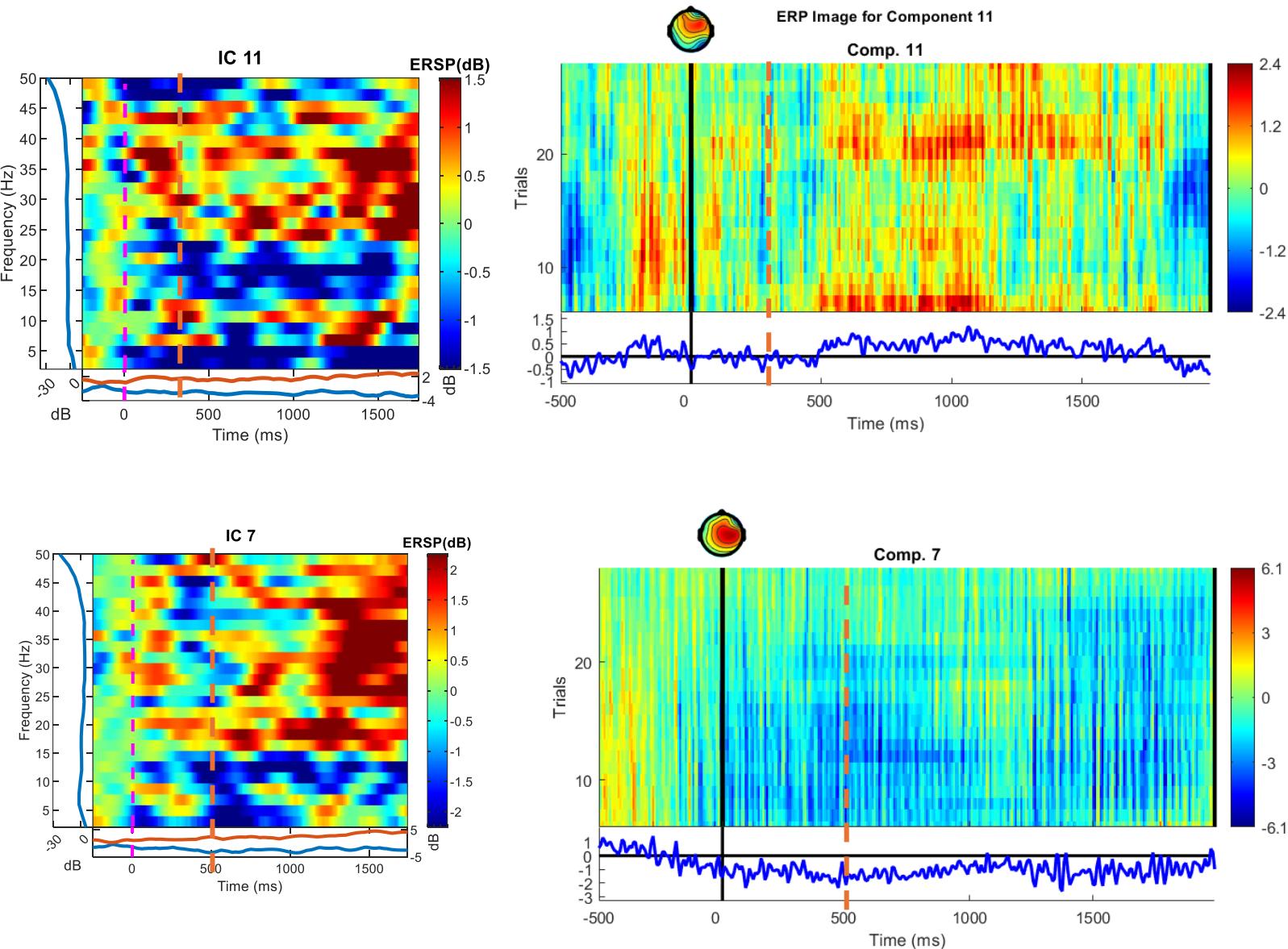


Frontal F3	
Time	+300ms
Theta	increase
Alpha	decrease



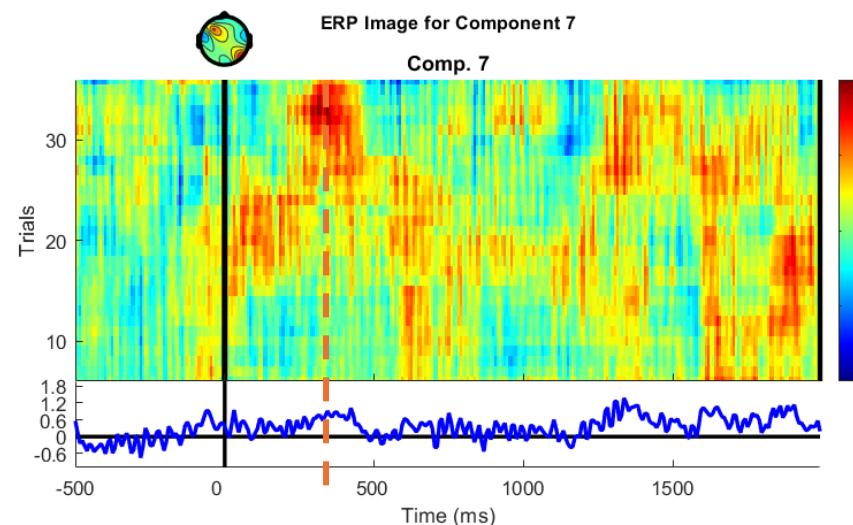
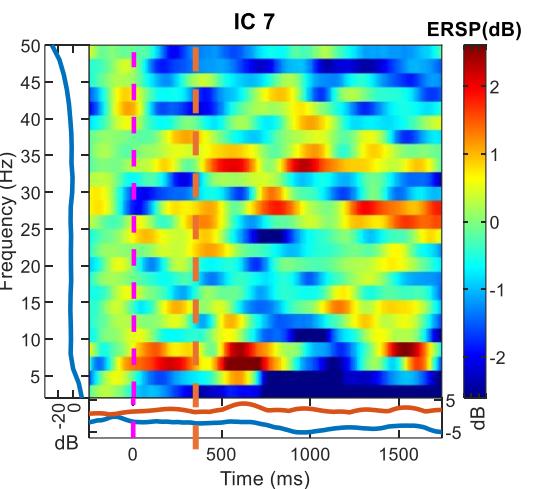
# 105\_3\_2

Frontal F4	
Time	+350ms
Theta	increase
Alpha	decrease

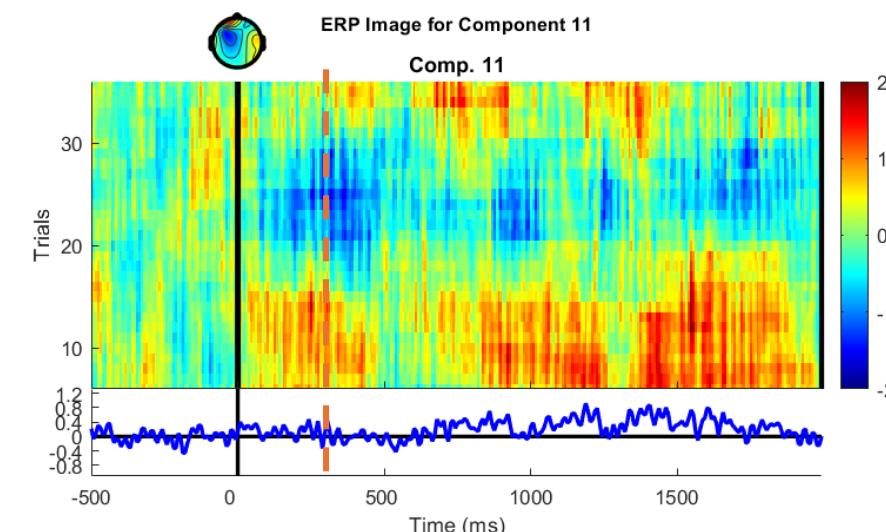
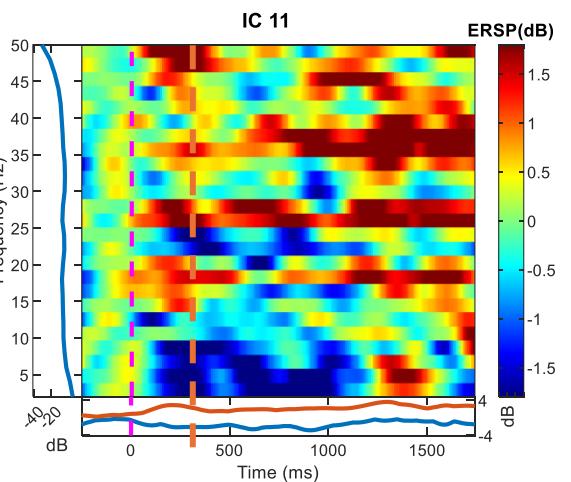


# 105\_3\_3

Frontal F3	
Time	+300ms
Theta	increase
Alpha	decrease

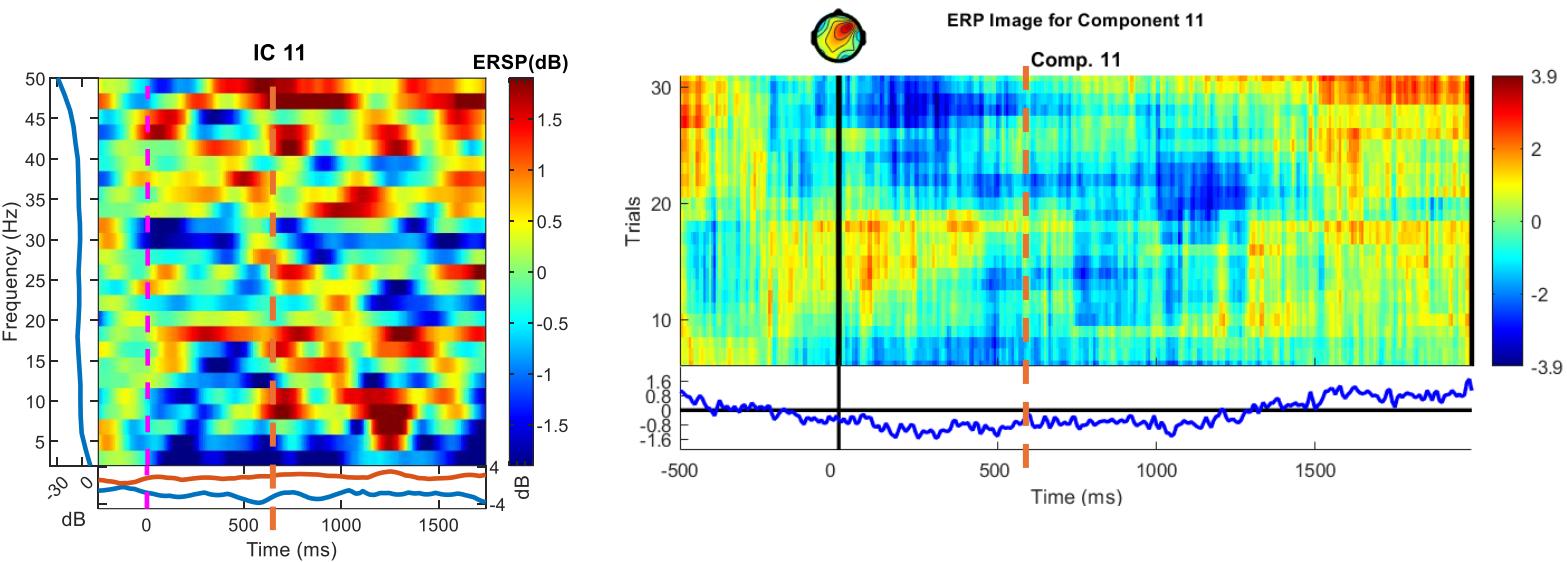


Frontal FC6	
Time	+300ms
Theta	increase
Alpha	decrease

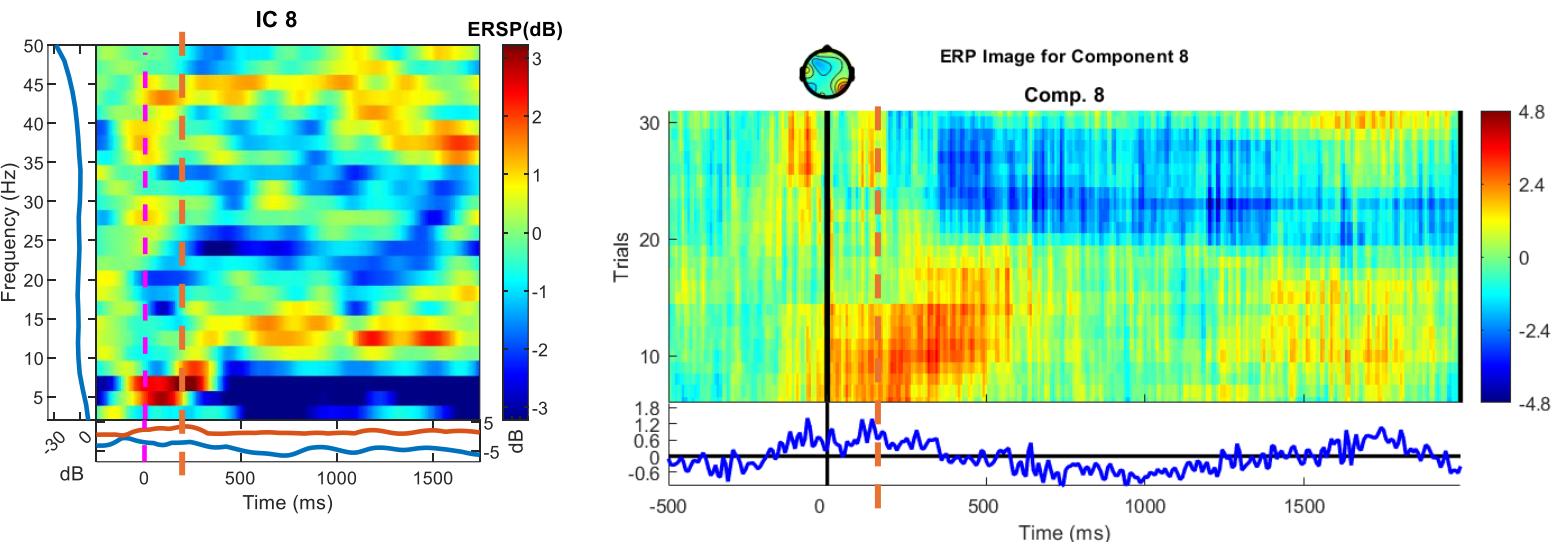


# 105\_4\_1

Frontal F4		
Time	+600ms	
Theta	increase	
Alpha	decrease	



Frontal F3		
Time	+200ms	
Theta	increase	
Alpha	decrease	

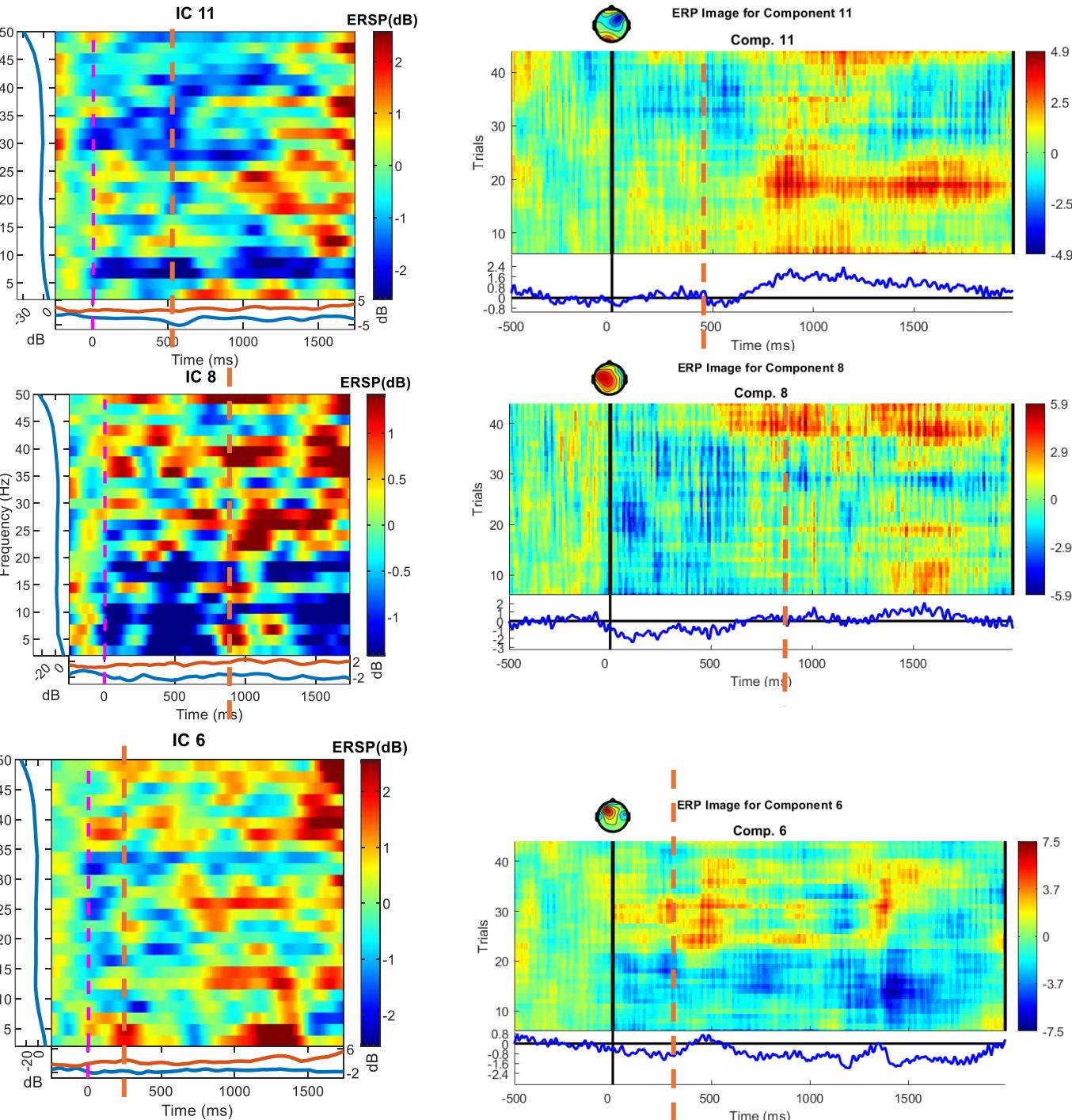


# 105\_4\_2

Frontal F4		
Time	+500ms	
Theta	increase	
Alpha	decrease	

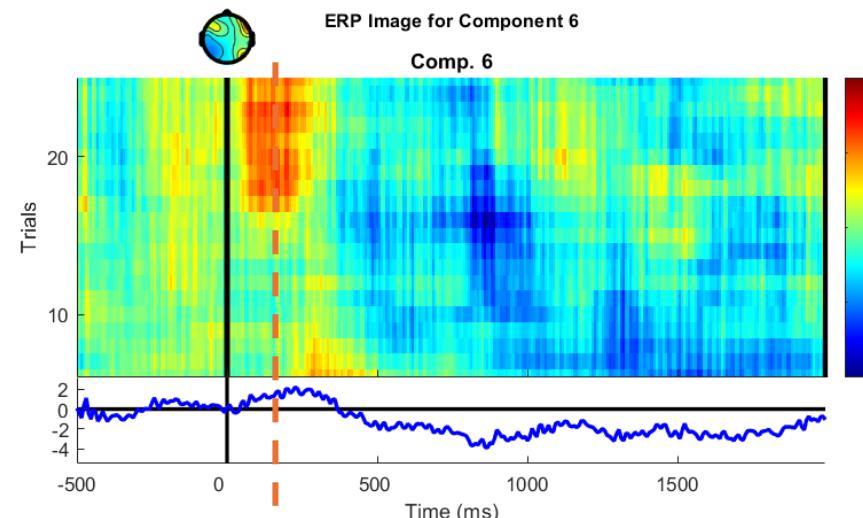
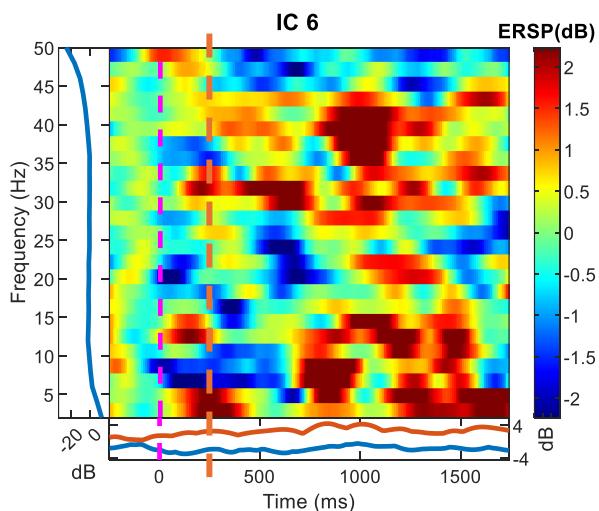
Frontal FC5		
Time	+800ms	
Theta	increase	
Alpha	decrease	

Frontal F3		
Time	+250ms	
Theta	increase	
Alpha	decrease	



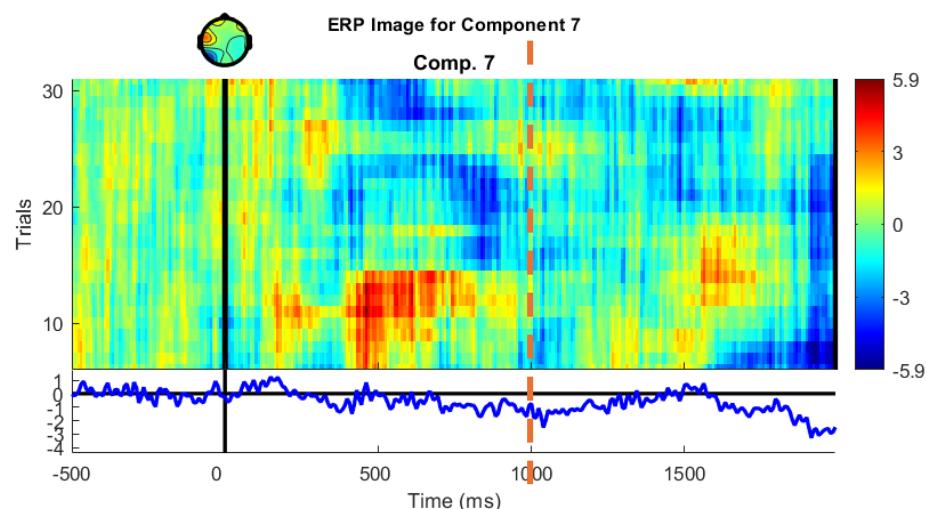
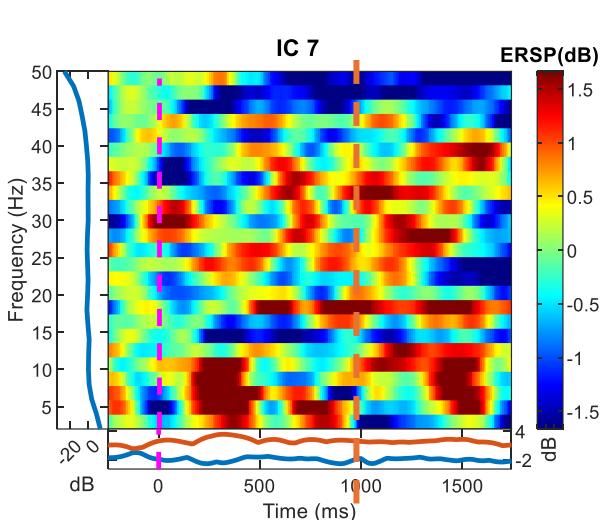
# 105\_4\_3

Frontal F3		
Time	+250ms	
Theta	increase	
Alpha	decrease	

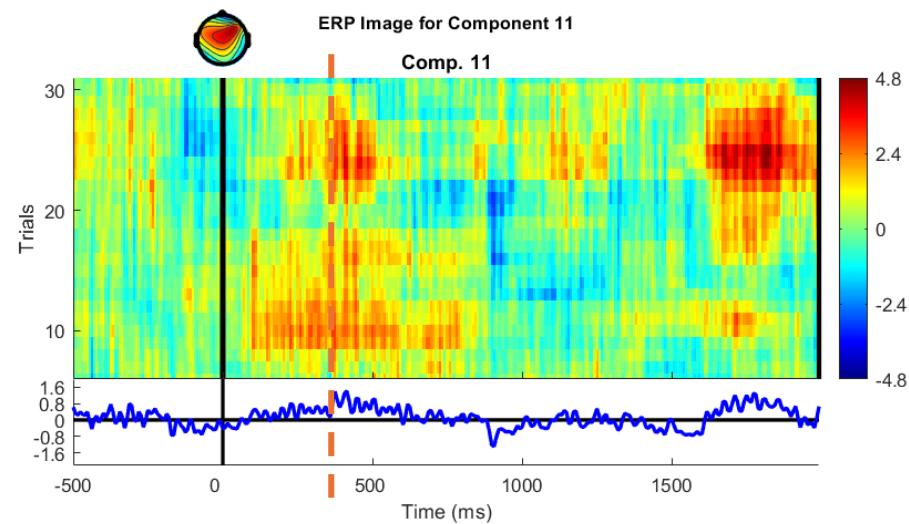
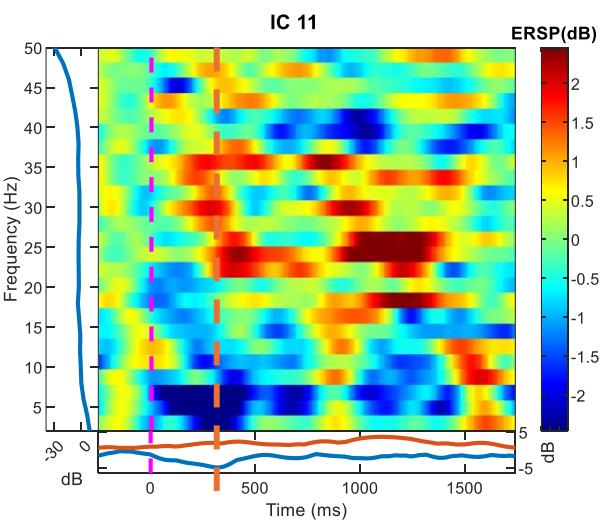


# 105\_5\_1

Frontal FC5		
Time	+1000ms	
Theta	increase	
Alpha	decrease	



Frontal F4		
Time	+300ms	
Theta	increase	
Alpha	decrease	

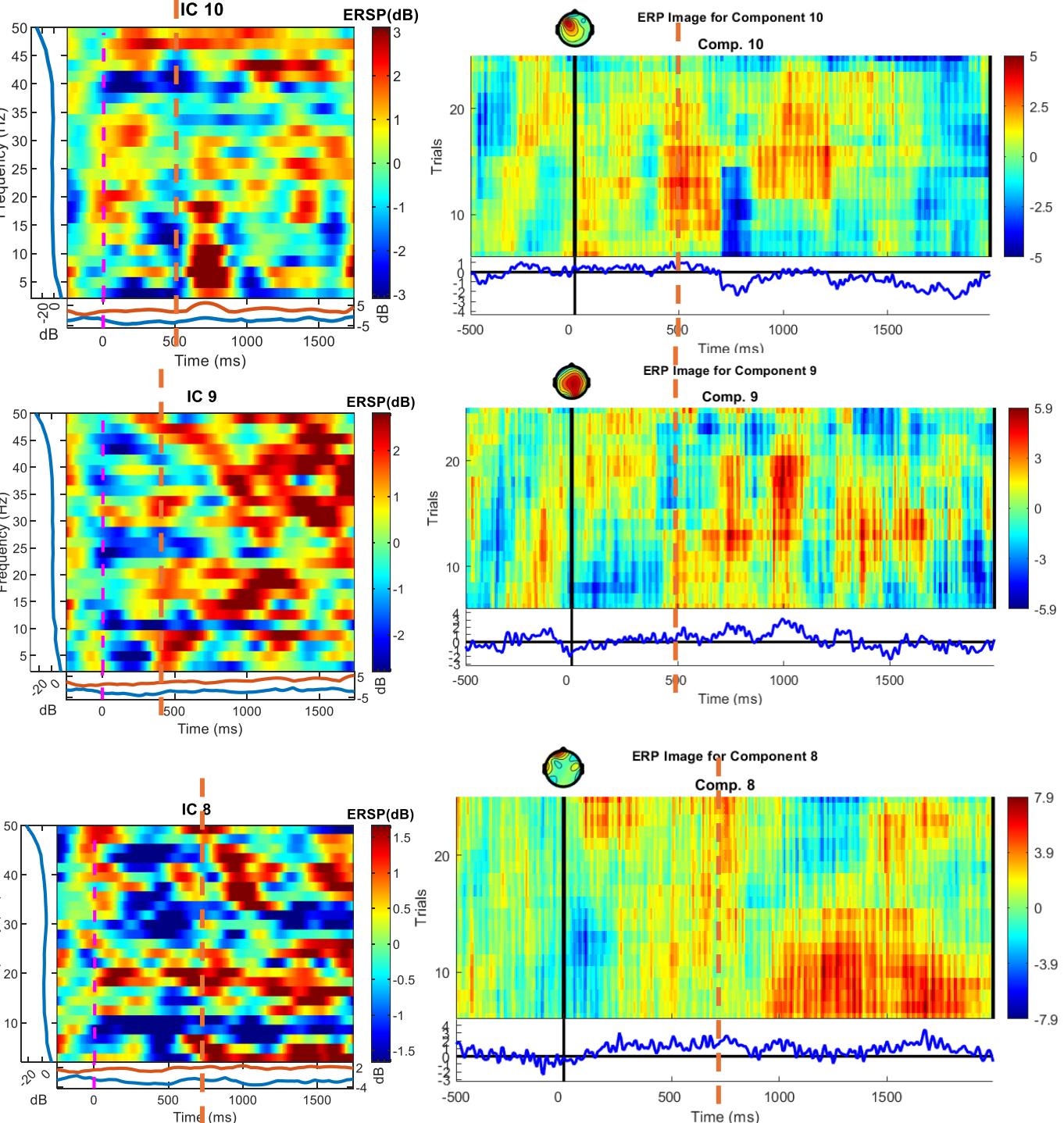


# 105\_5\_2

Frontal F3	
Time	+500ms
Theta	increase
Alpha	decrease

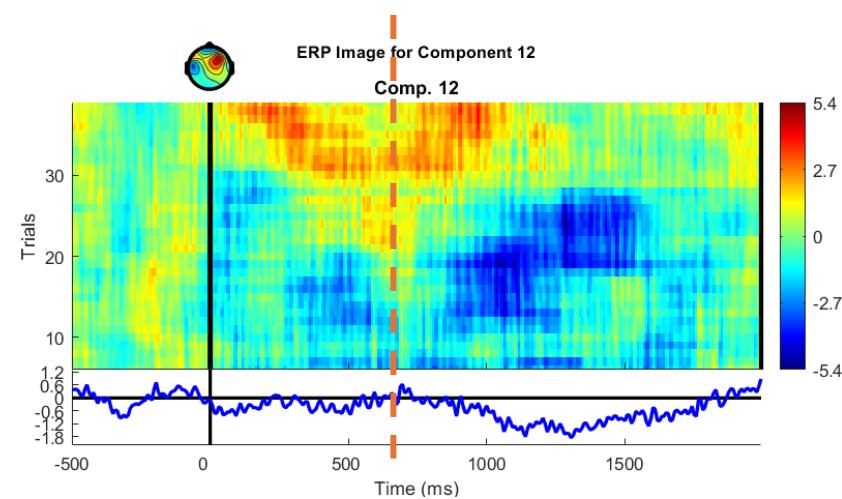
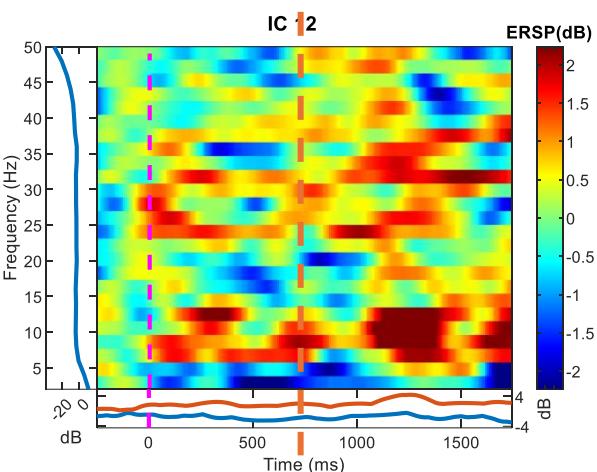
Occipital O2	
Time	+400ms
Theta	increase
Alpha	decrease

Frontal FC6	
Time	+750ms
Theta	increase
Alpha	decrease

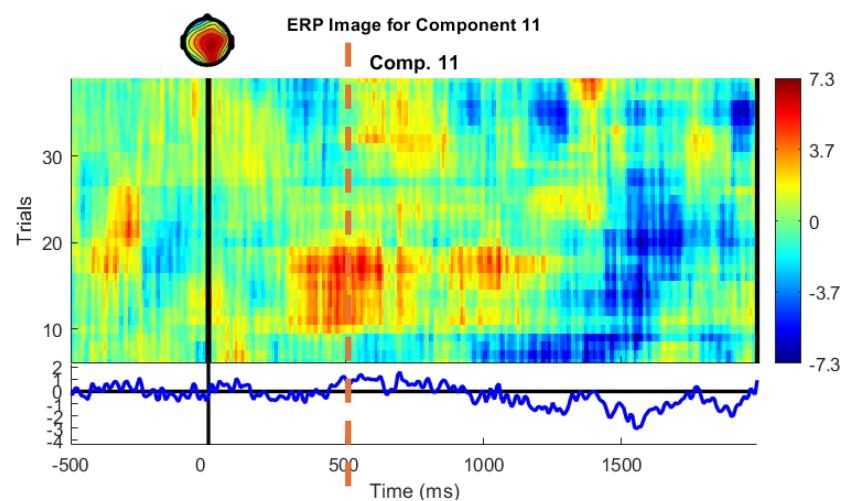
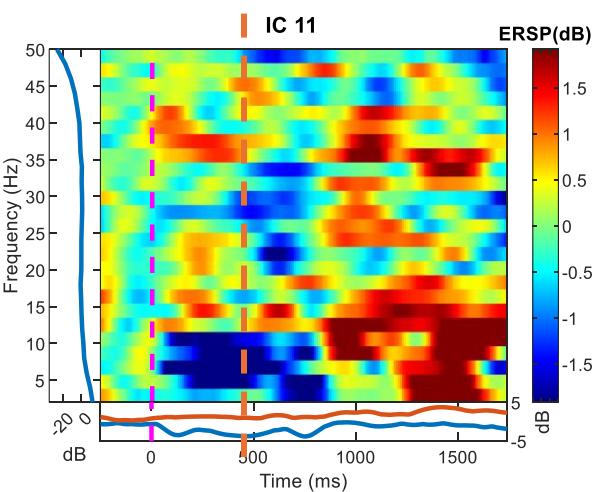


# 105\_5\_3

Frontal F4	
Time	+600ms
Theta	increase
Alpha	decrease

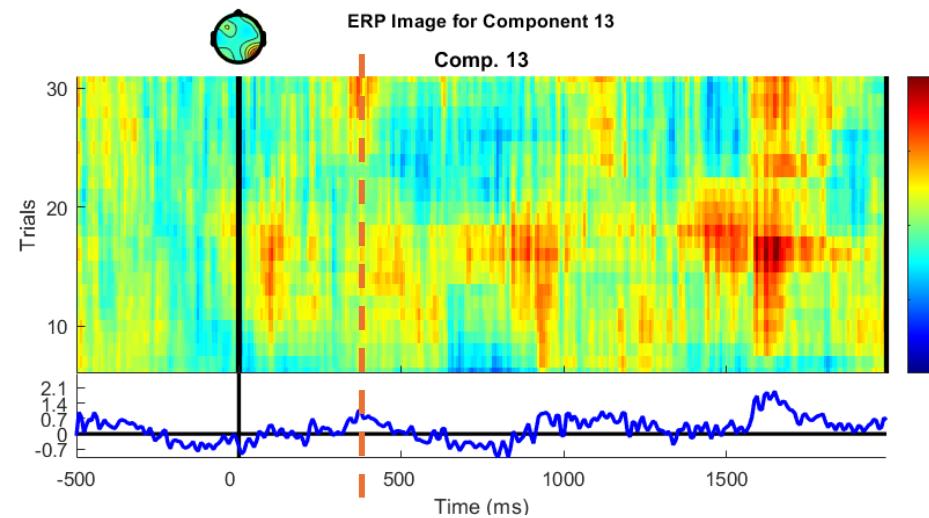
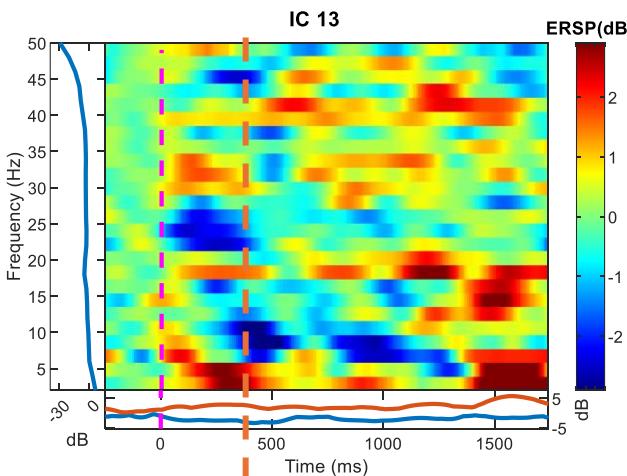


Frontal FC6	
Time	+500ms
Theta	increase
Alpha	decrease

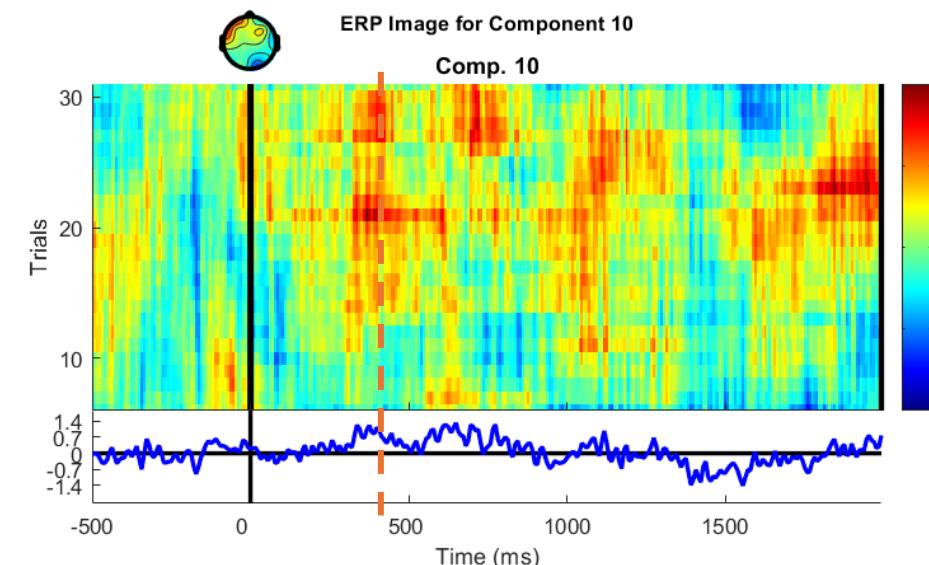
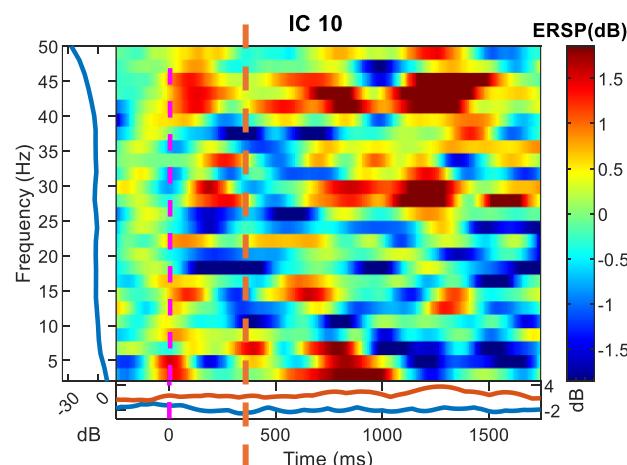


# 105\_7\_1

Frontal F3	
Time	+400ms
Theta	increase
Alpha	decrease



Frontal F4	
Time	+400ms
Theta	increase
Alpha	decrease

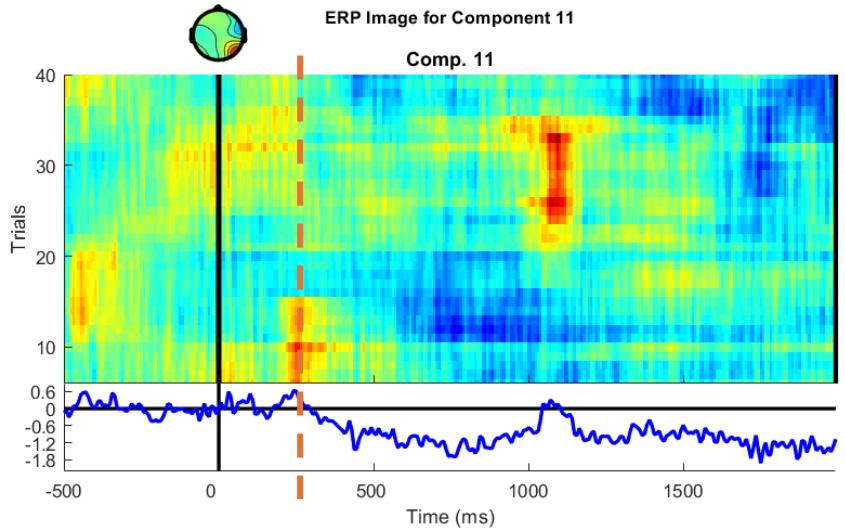
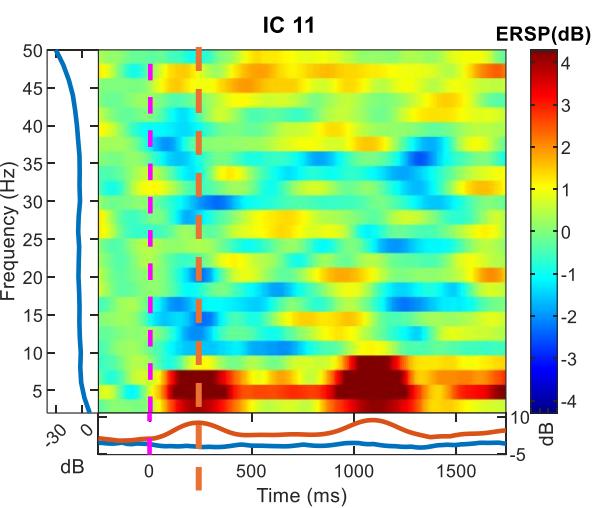


# 105\_7\_2

!!

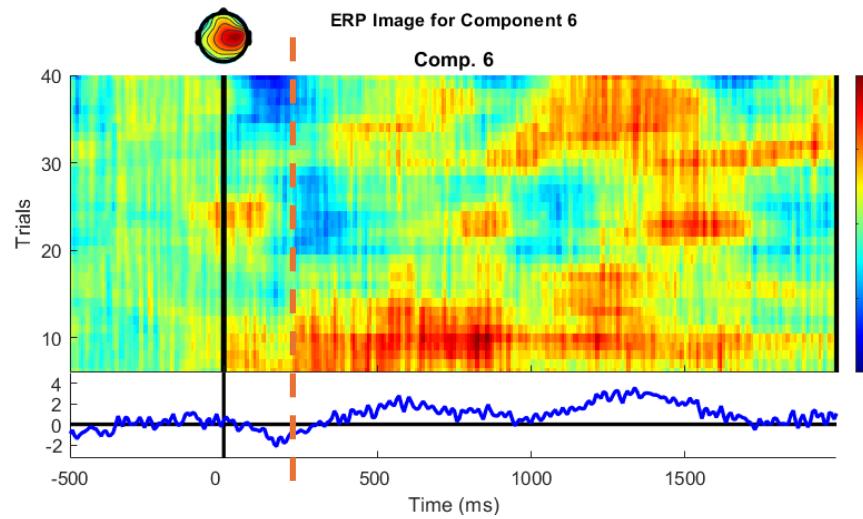
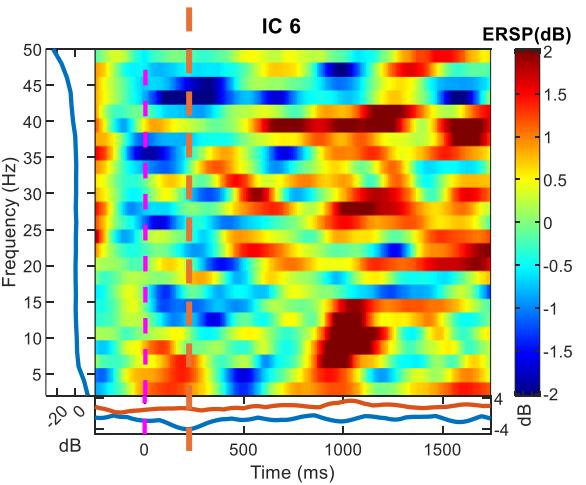
## Parietal P8

Time	+250ms
Theta	increase
Alpha	decrease



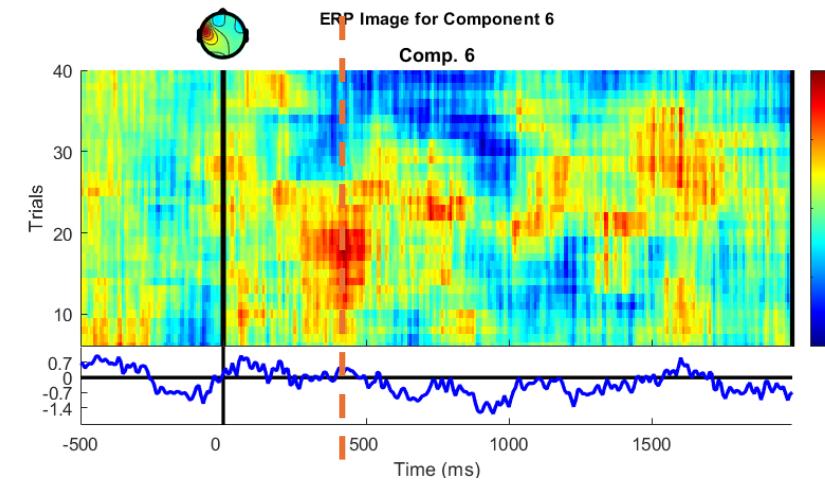
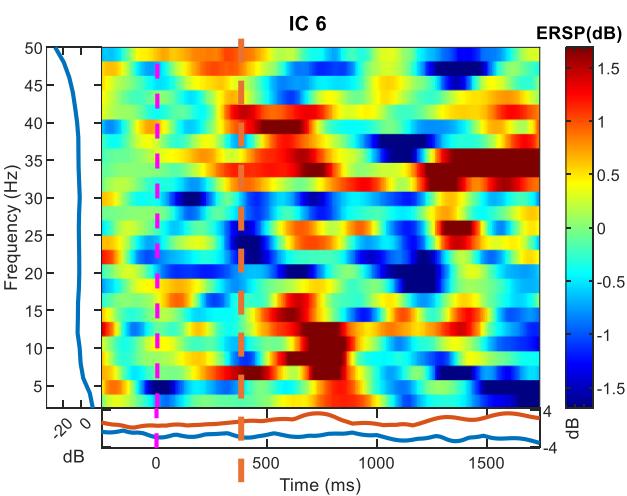
## Frontal FC6

Time	+250ms
Theta	increase
Alpha	decrease



# 105\_7\_3

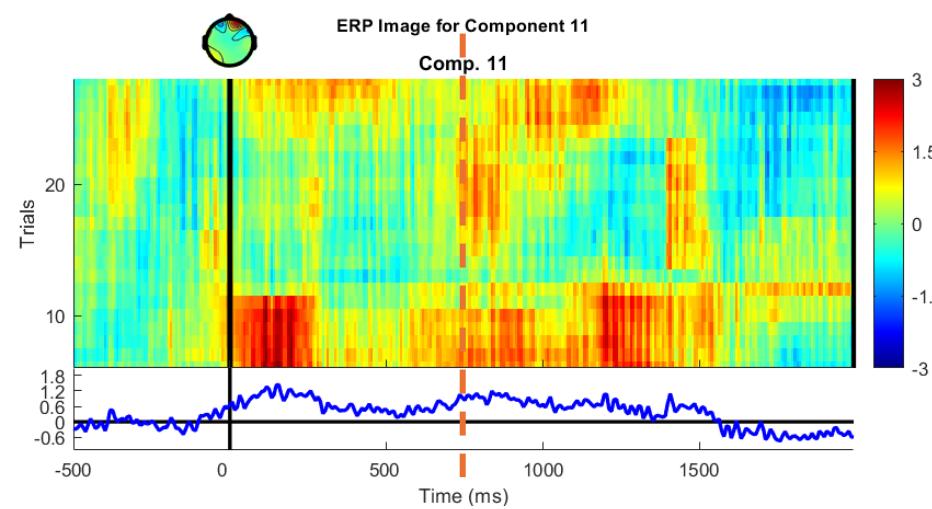
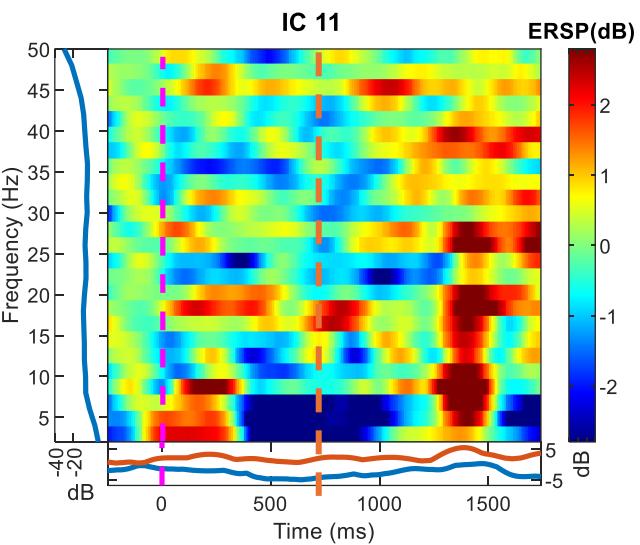
Frontal FC5	
Time	+400ms
Theta	increase
Alpha	decrease



**105\_8\_1**

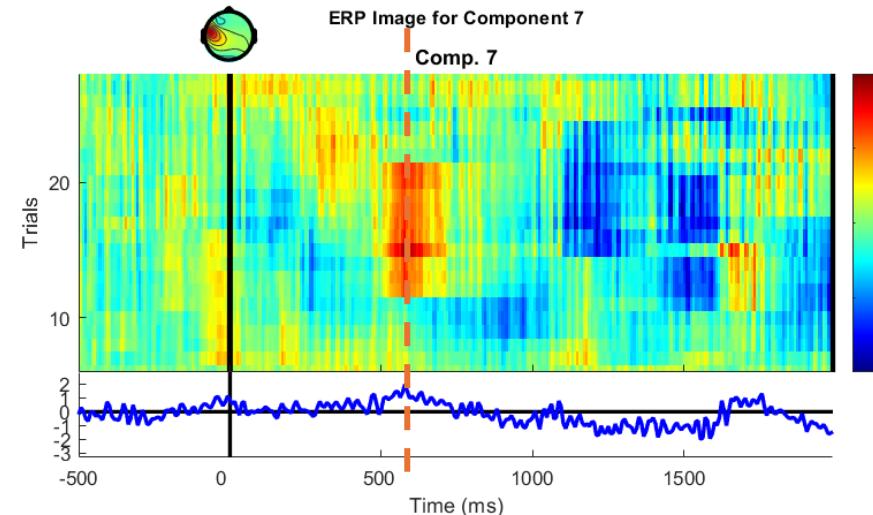
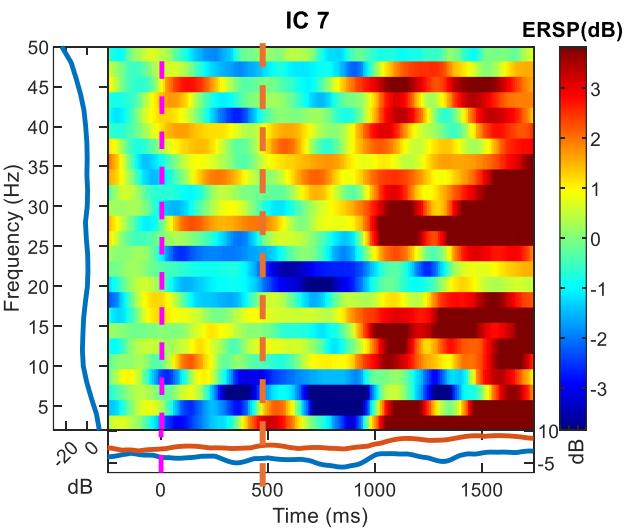
# Frontal AF4

Time	+600ms
Theta	increase
Alpha	decrease



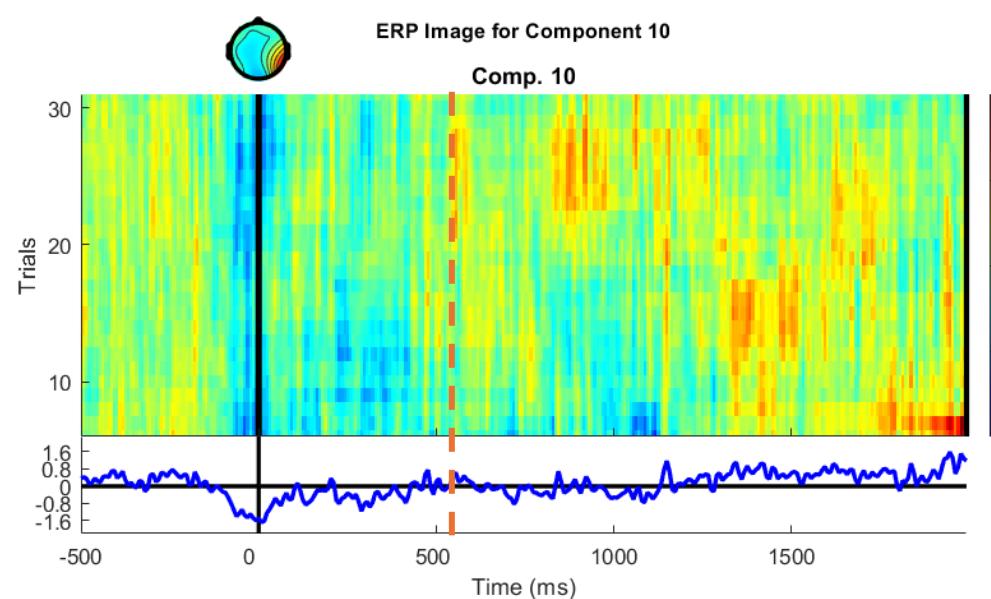
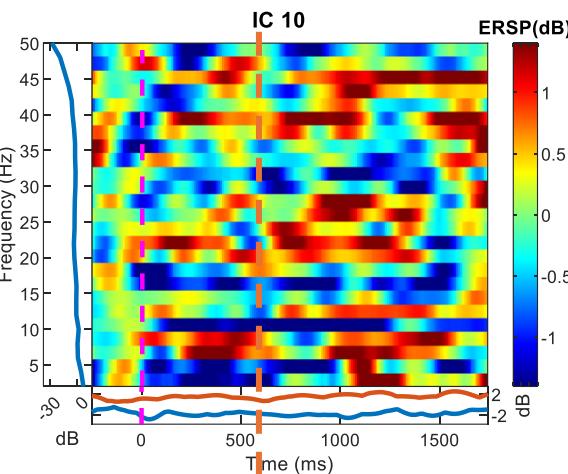
# Frontal FC5

Time	+500ms
Theta	increase
Alpha	decrease

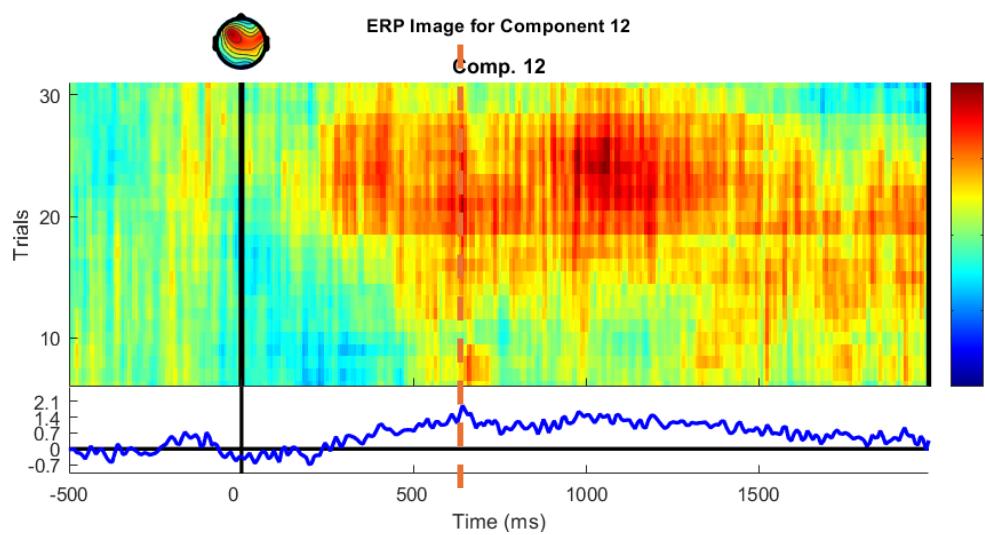
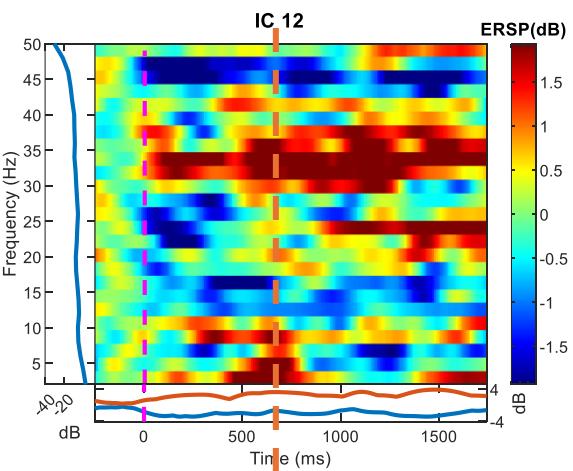


# 105\_8\_2

Parietal P8	
Time	+550ms
Theta	increase
Alpha	decrease

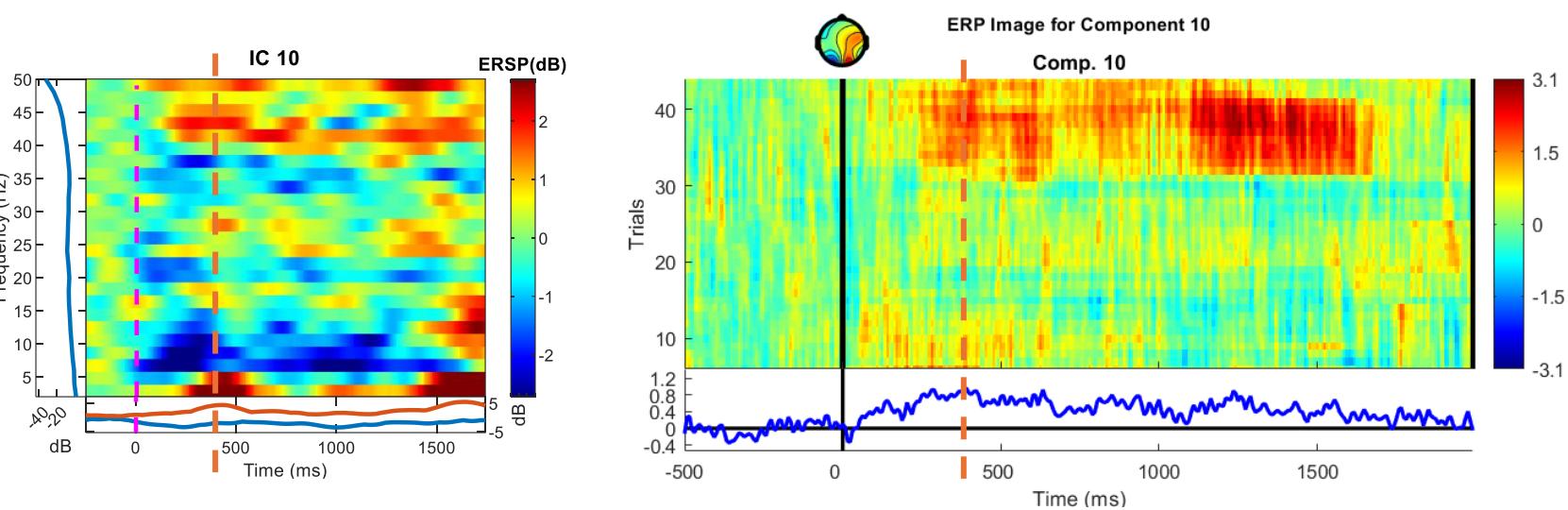


Frontal F3	
Time	+700ms
Theta	increase
Alpha	decrease

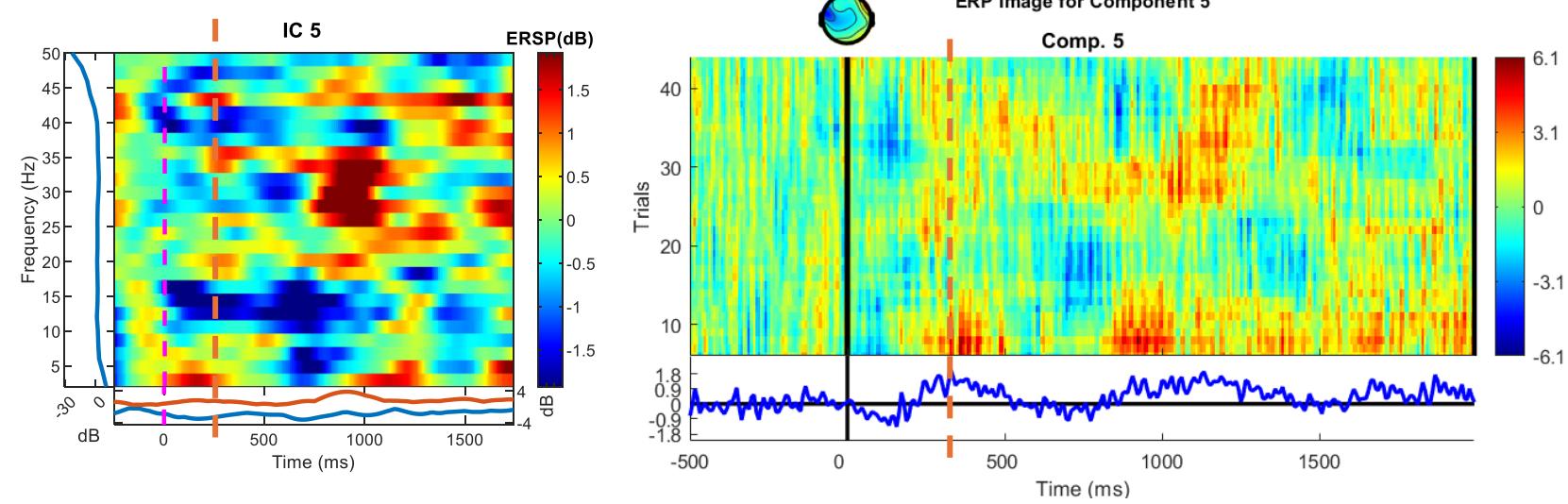


# 105\_8\_3

Occipital O1	
Time	+400ms
Theta	increase
Alpha	decrease

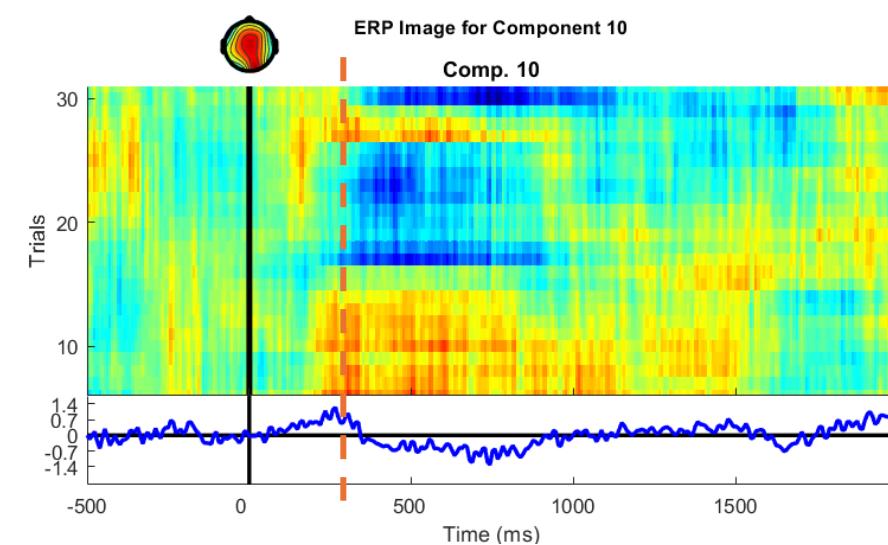
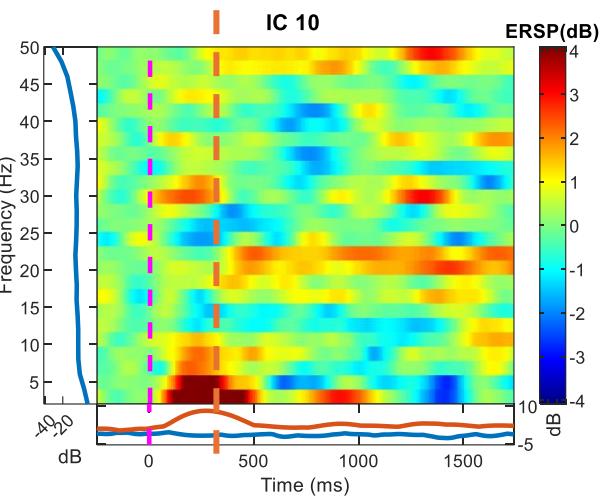


Frontal FC5	
Time	+250ms
Theta	increase
Alpha	decrease

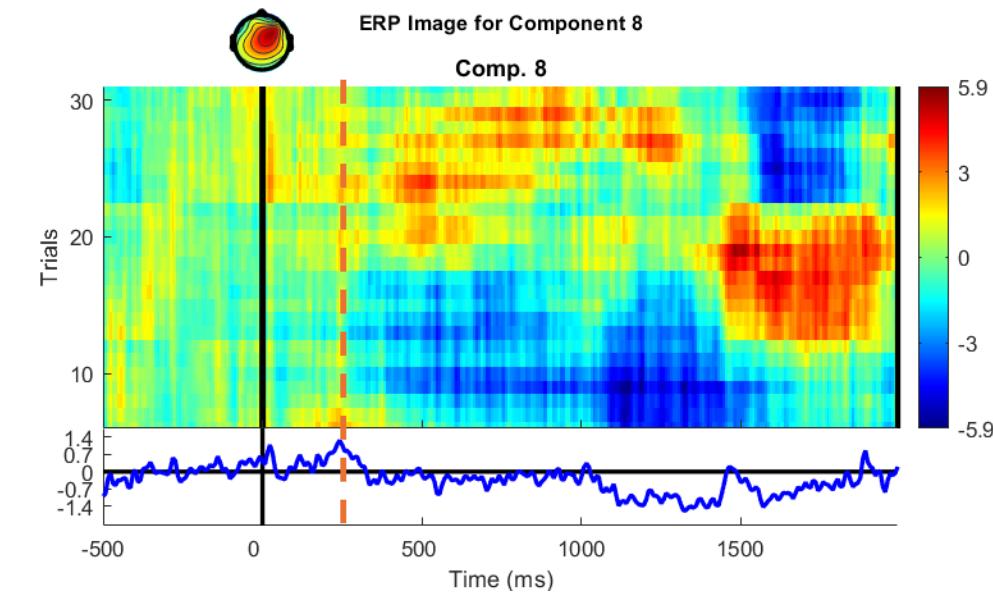
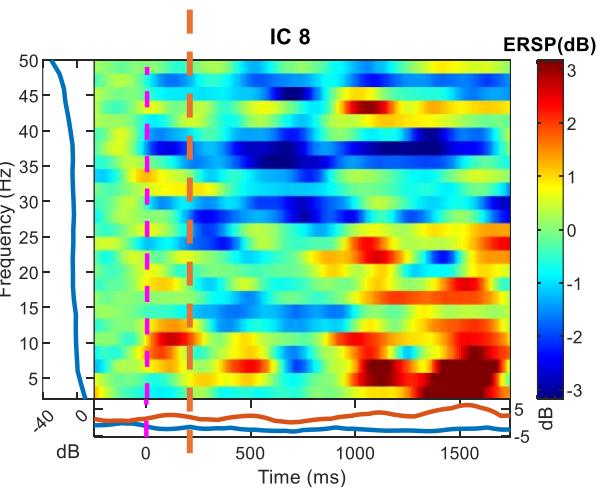


# 105\_9\_1

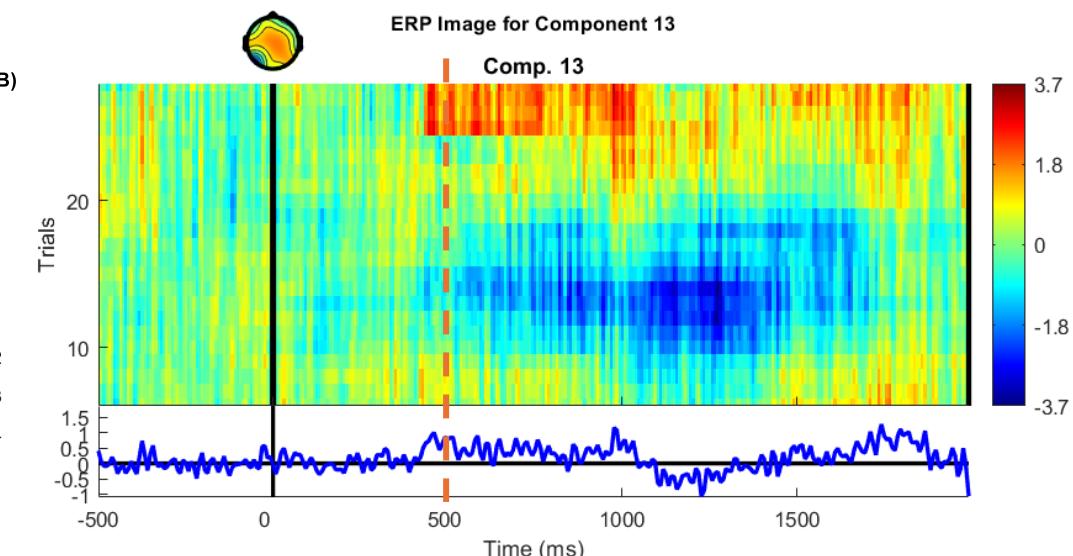
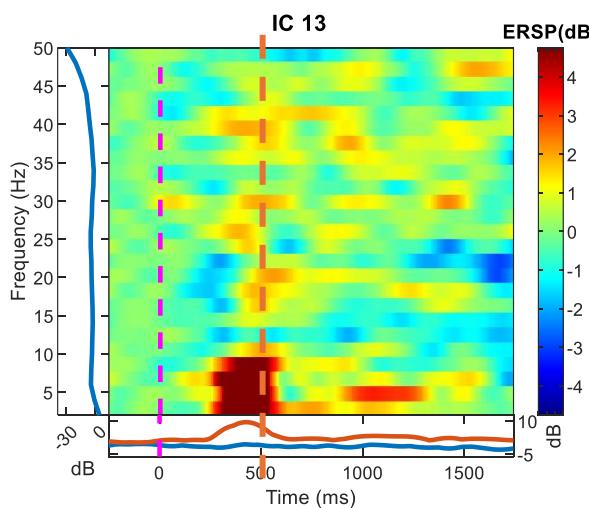
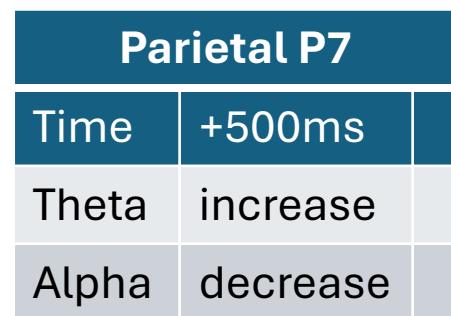
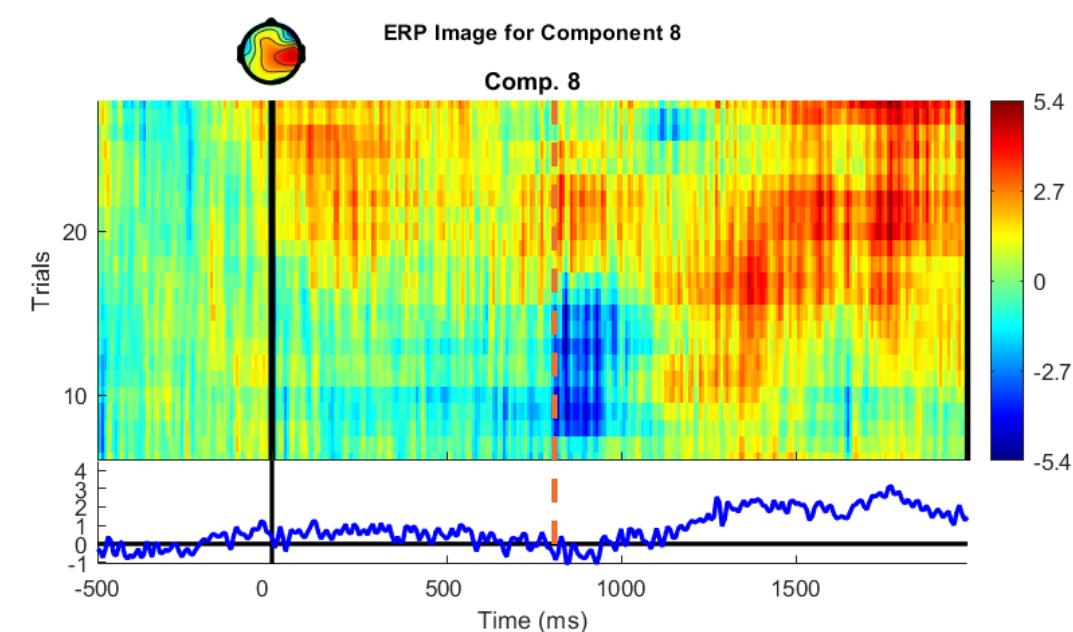
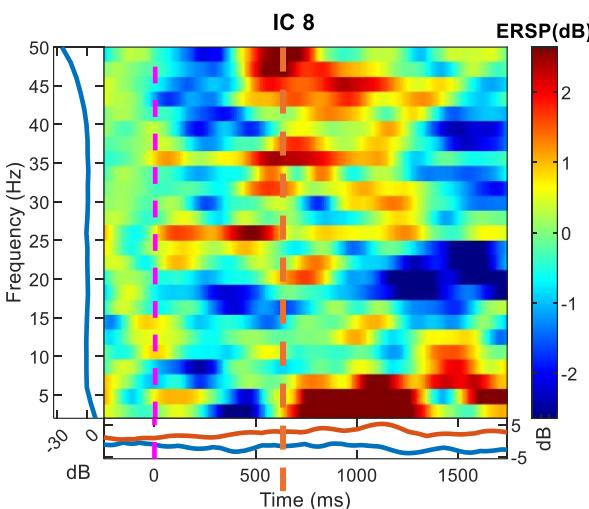
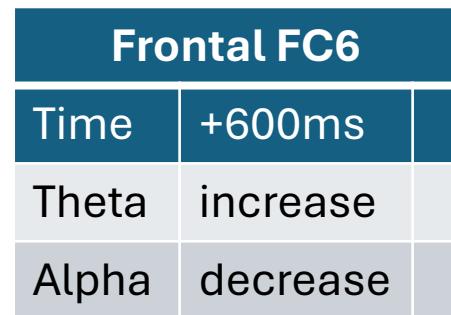
Occipital O2	
Time	+390ms
Theta	increase
Alpha	decrease



Frontal F4	
Time	+250ms
Theta	increase
Alpha	decrease

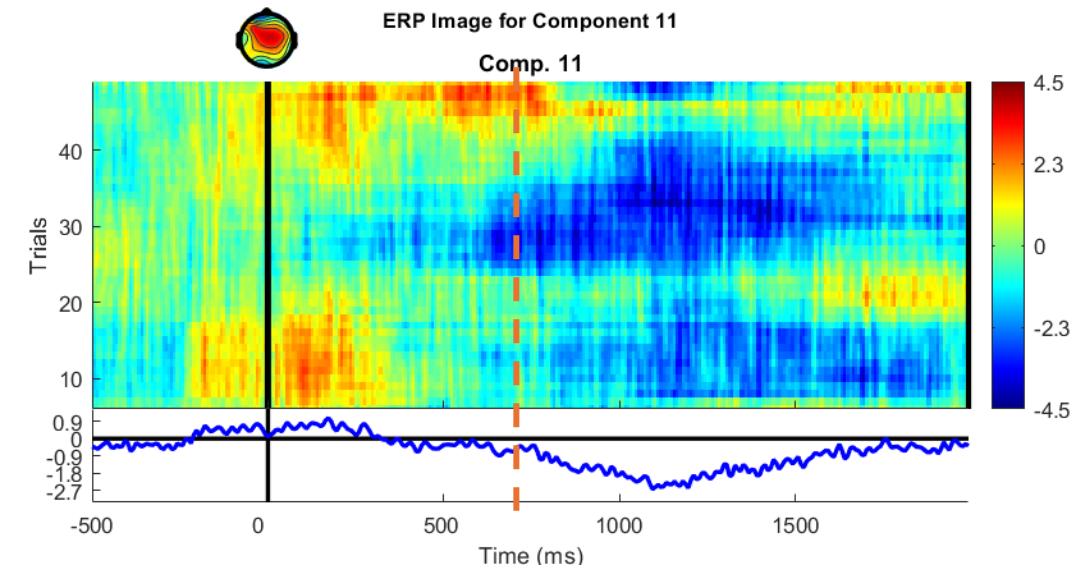
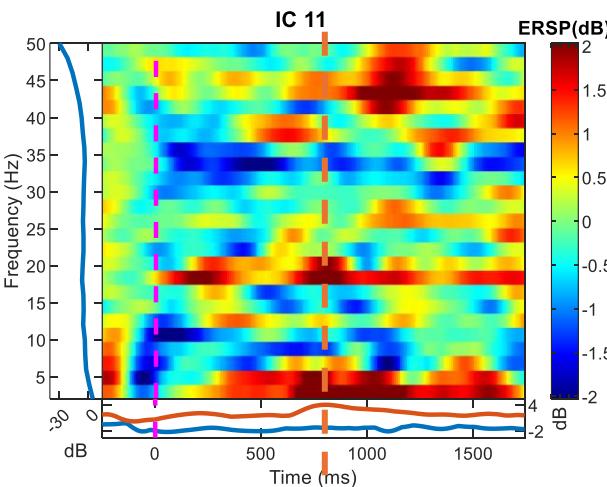


# 105\_10\_1

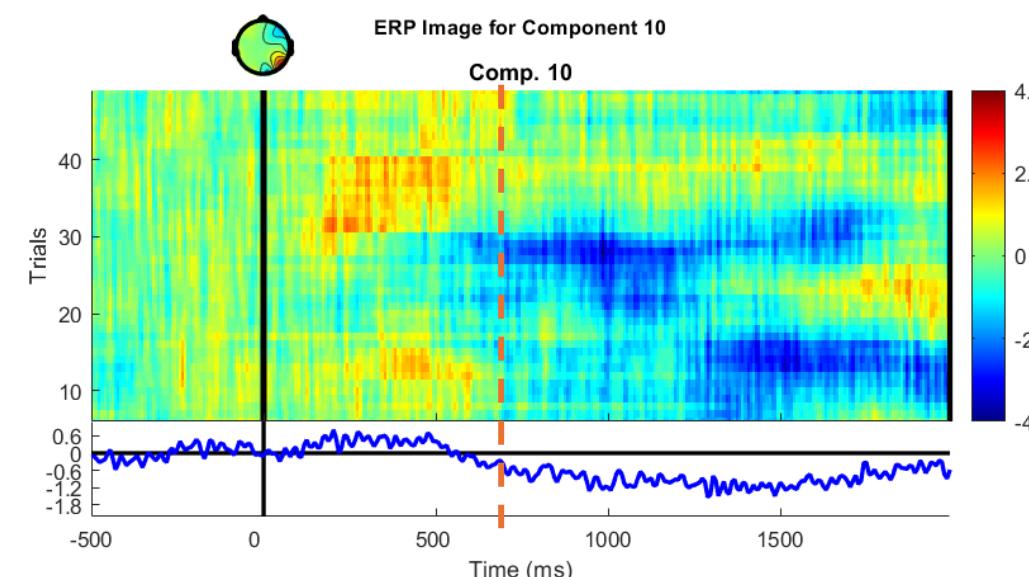
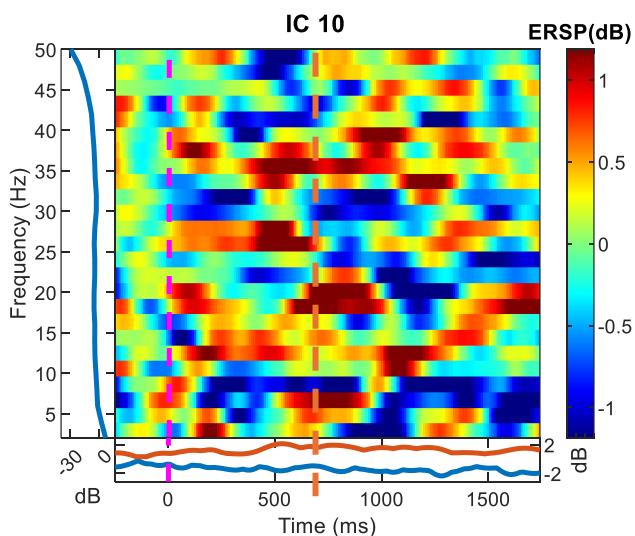


# 105\_10\_2

Frontal F3	
Time	+740ms
Theta	increase
Alpha	decrease

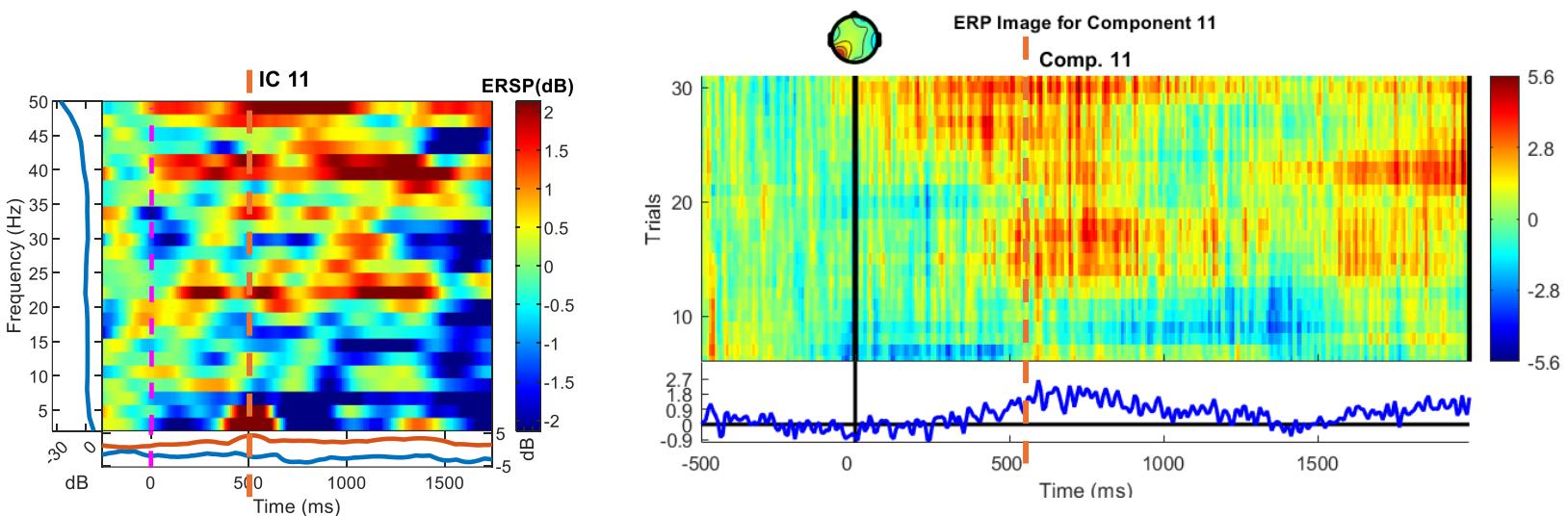


Parietal P8	
Time	+700ms
Theta	increase
Alpha	decrease



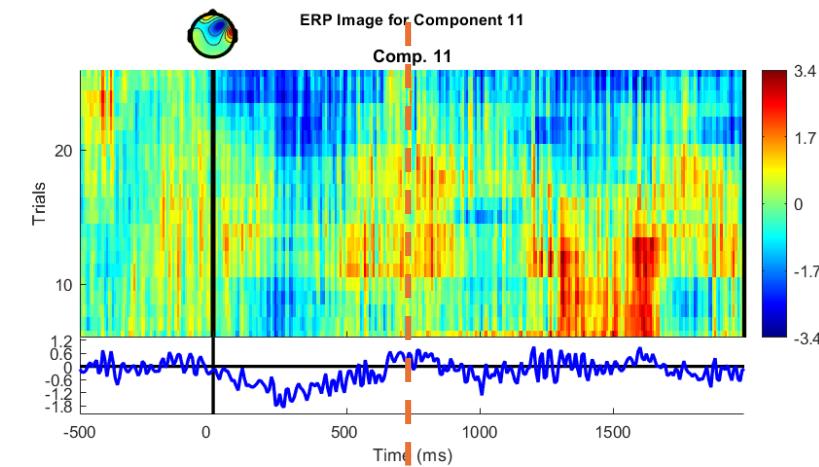
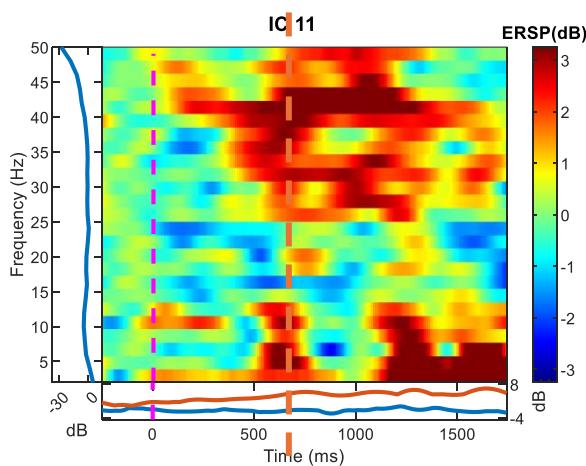
# 105\_10\_3

Parietal P7	
Time	+500ms
Theta	increase
Alpha	decrease



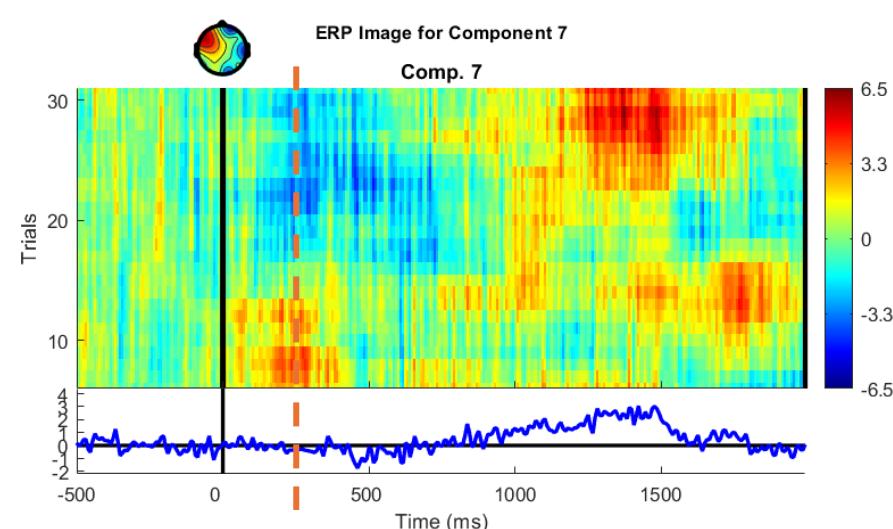
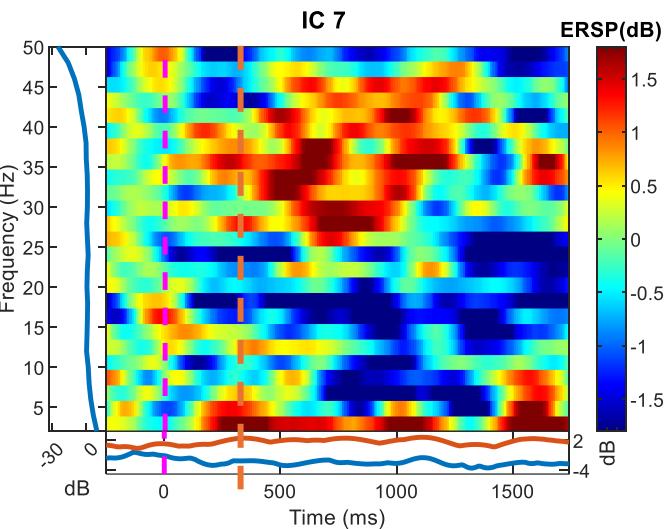
# 105\_11\_1

Frontal F4		
Time	+700ms	
Theta	increase	
Alpha	decrease	

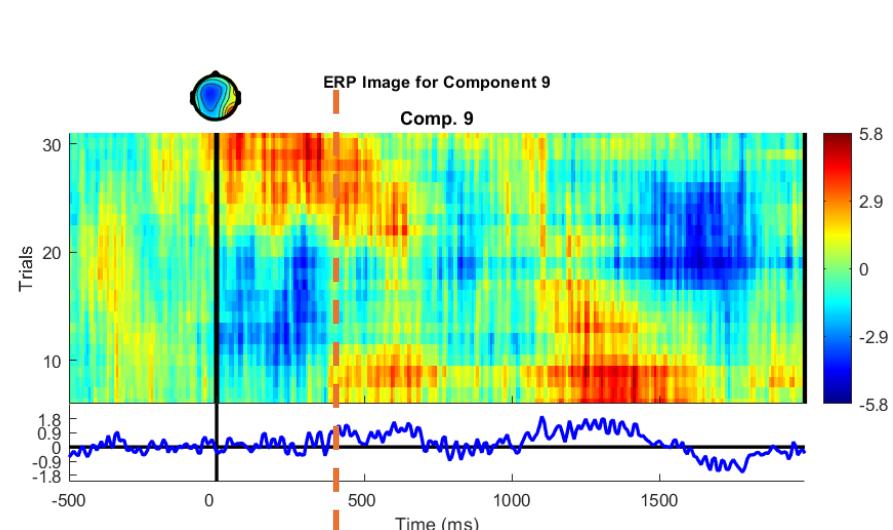
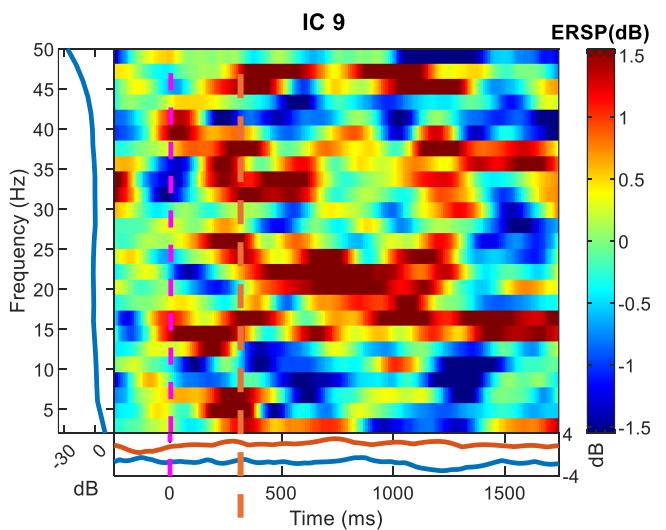


# 105\_11\_2

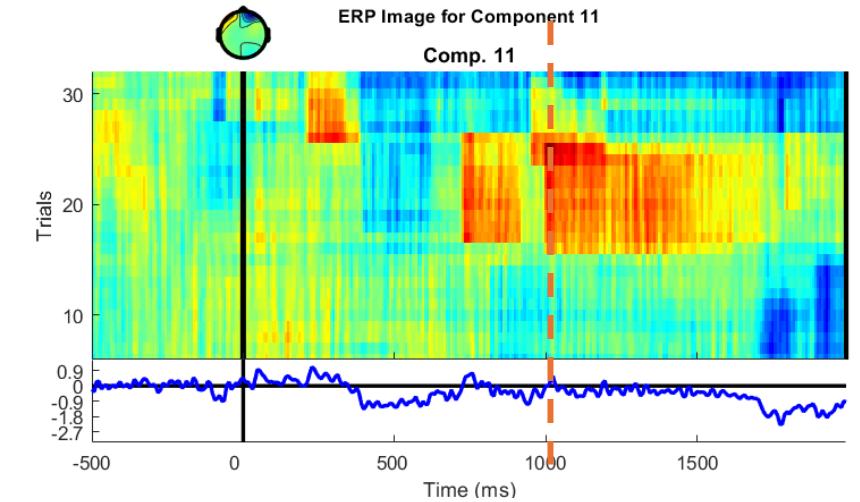
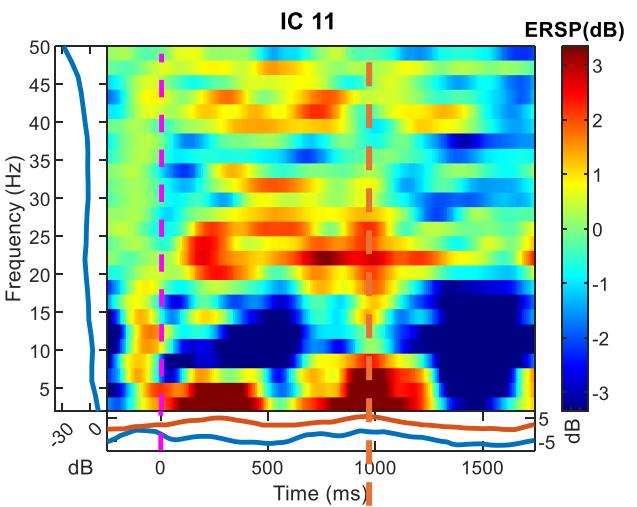
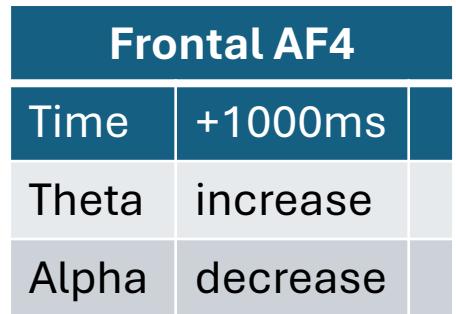
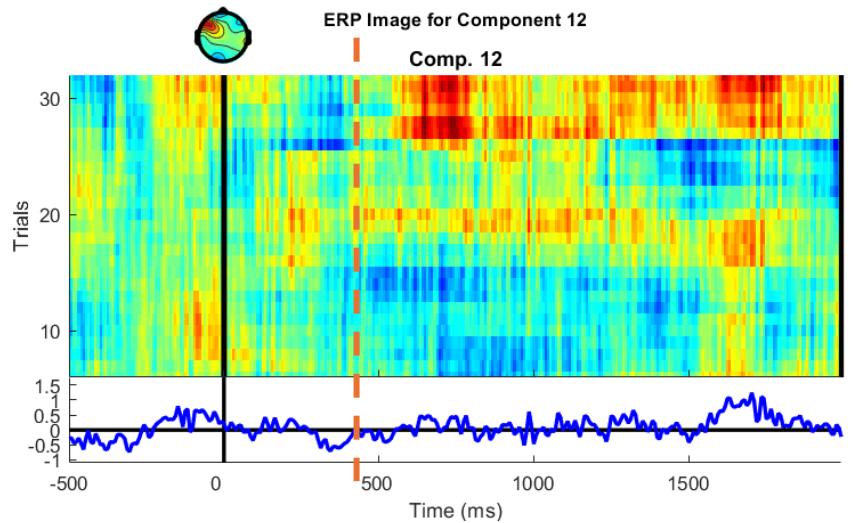
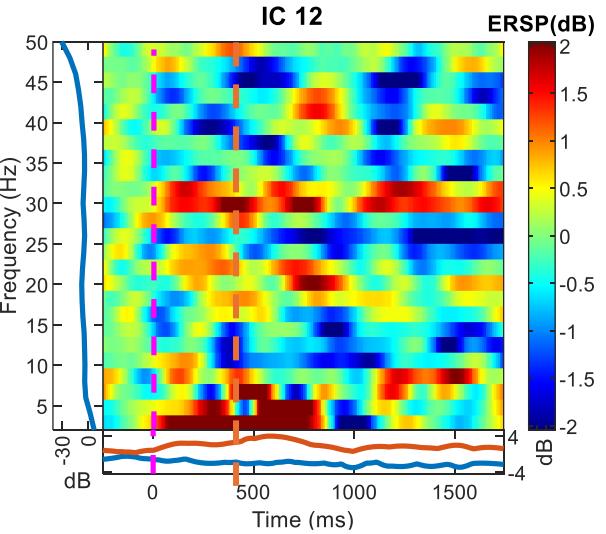
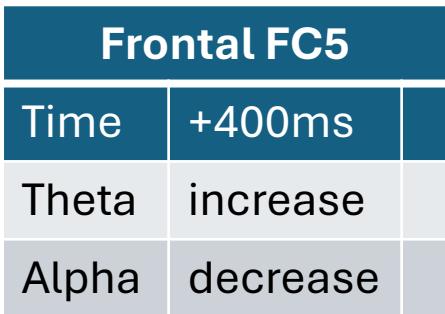
Frontal F7	
Time	+400ms
Theta	increase
Alpha	decrease



Frontal F3	
Time	+400ms
Theta	increase
Alpha	decrease

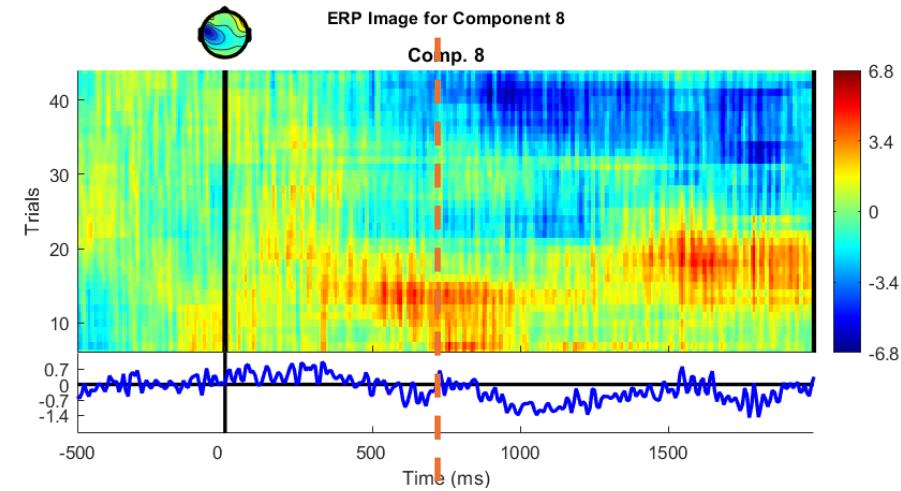
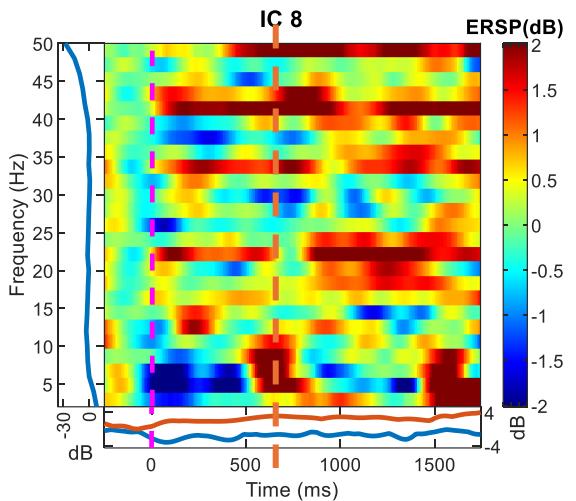


# 105\_12\_1



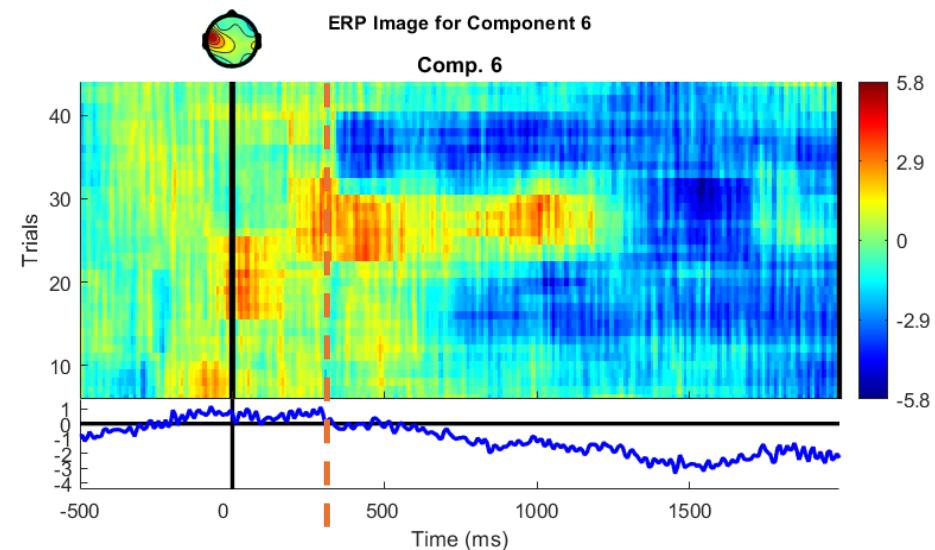
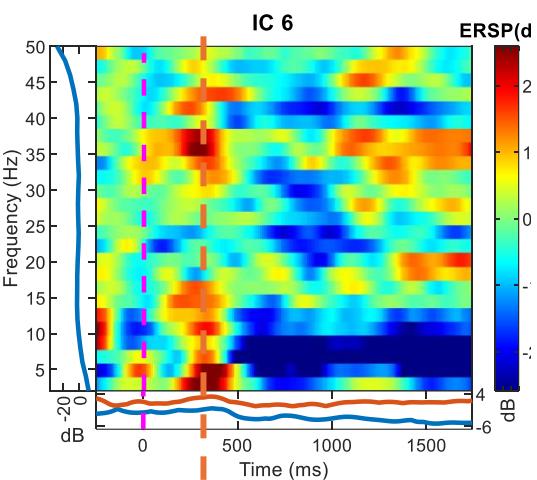
# 105\_12\_2

Frontal FC5		
Time	+650ms	
Theta	increase	
Alpha	decrease	



# 105\_12\_3

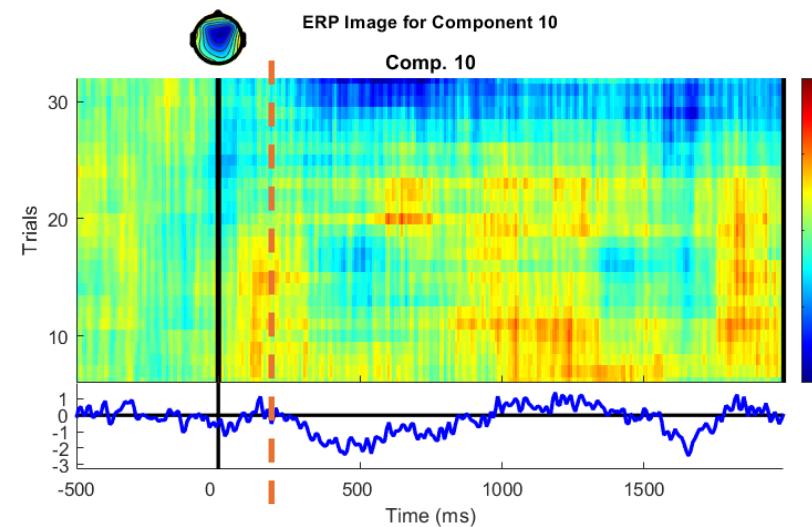
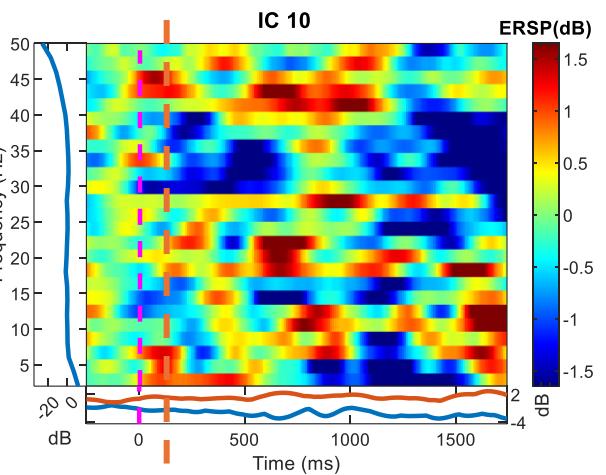
Frontal FC5	
Time	+350ms
Theta	increase
Alpha	decrease



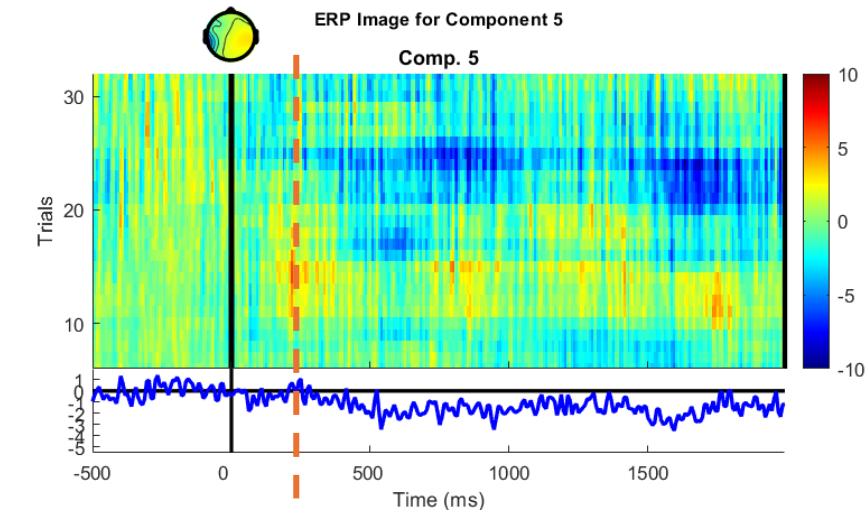
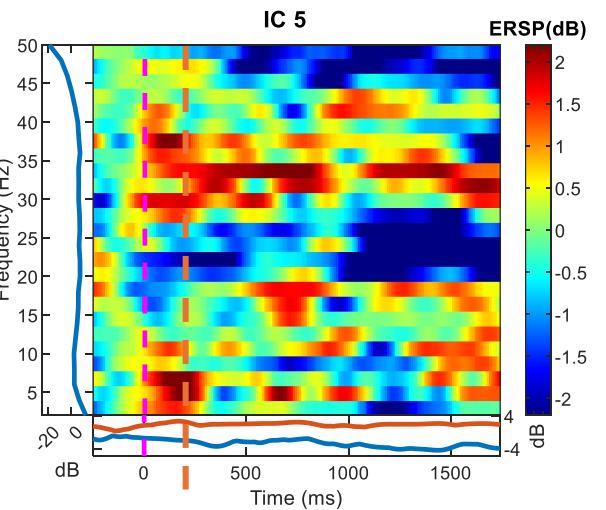
# 105\_13\_1

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Frontal F4	
Time	+150ms
Theta	increase
Alpha	decrease

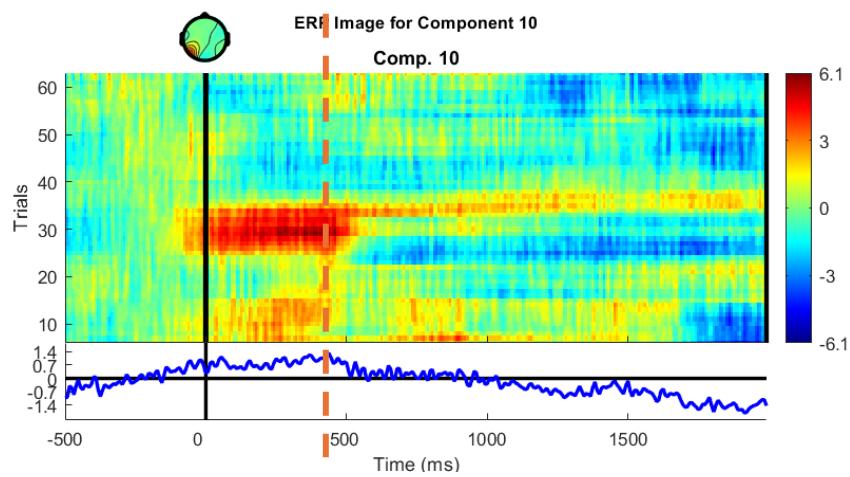
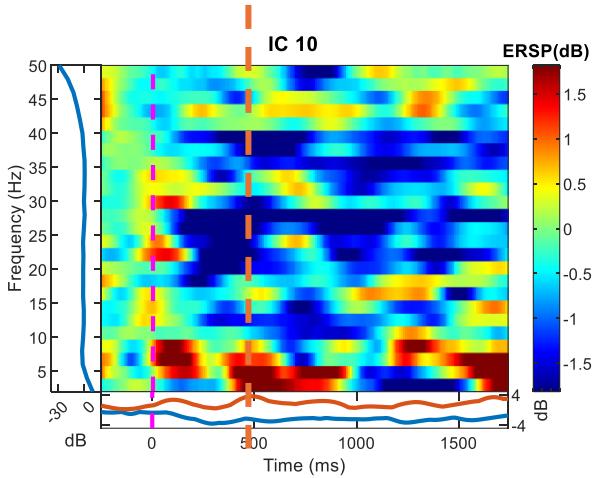


Temporal T7	
Time	+200ms
Theta	increase
Alpha	decrease

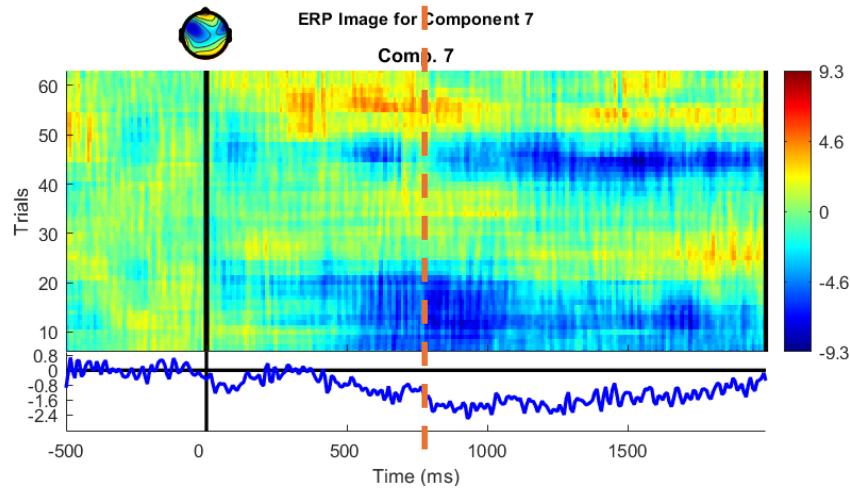
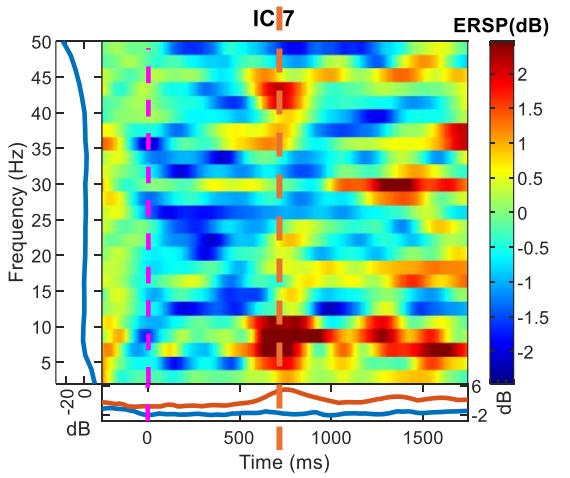


# 105\_13\_3

Parietal P7	
Time	+500ms
Theta	increase
Alpha	decrease

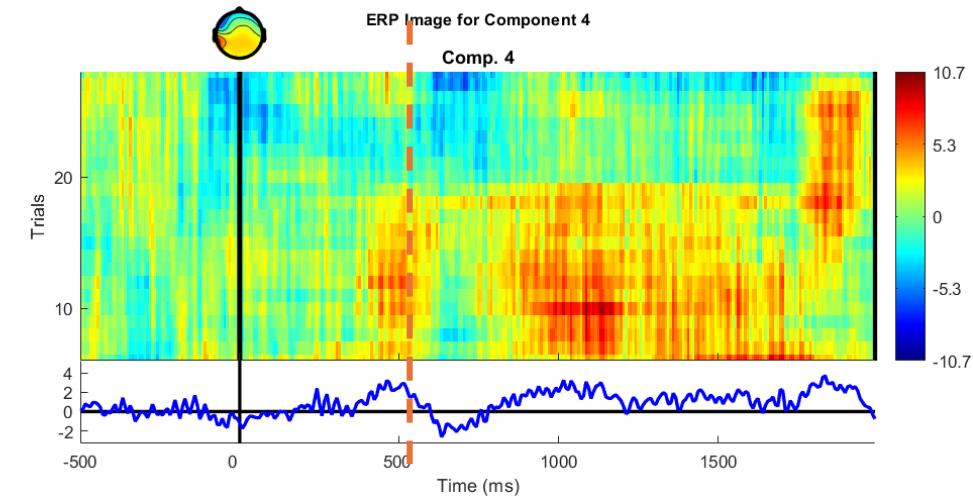
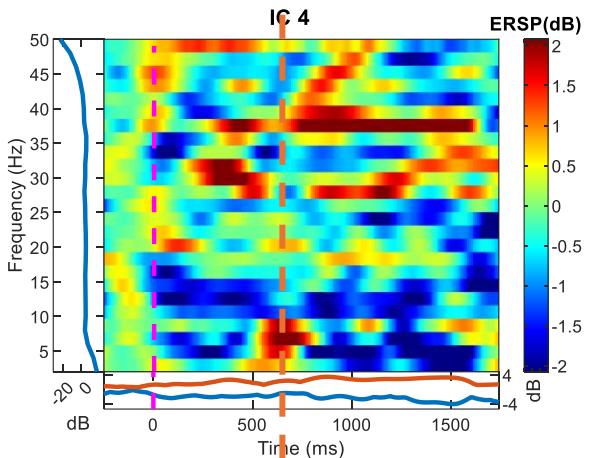


Frontal FC5	
Time	+700ms
Theta	increase
Alpha	decrease



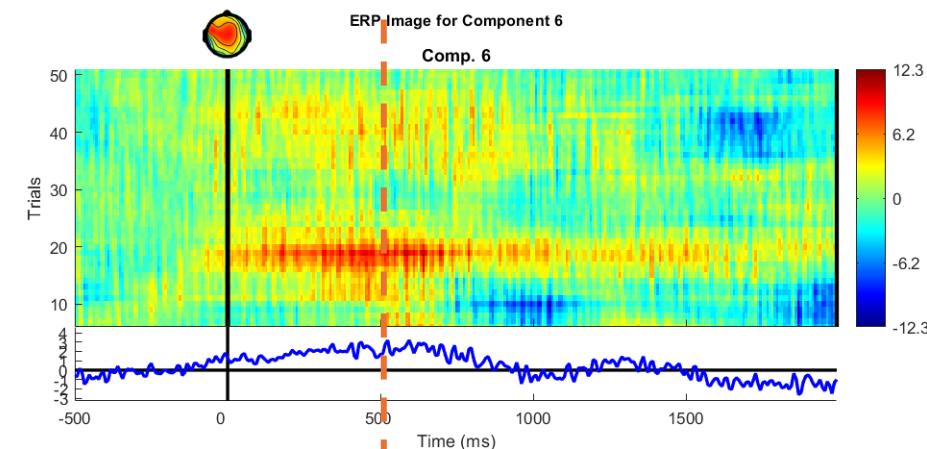
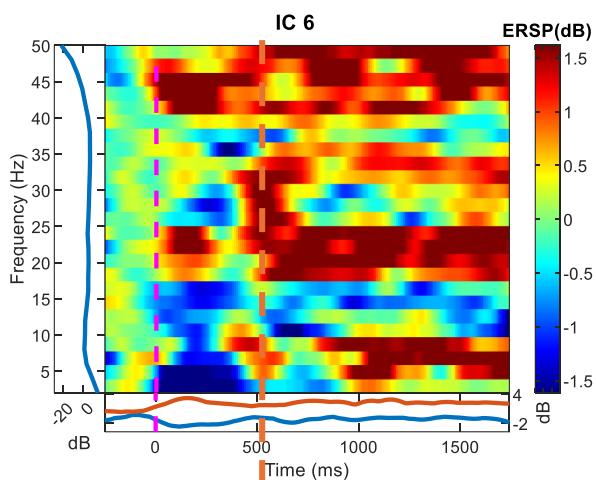
# 105\_14\_1

Frontal F7		
Time	+600ms	
Theta	increase	
Alpha	decrease	



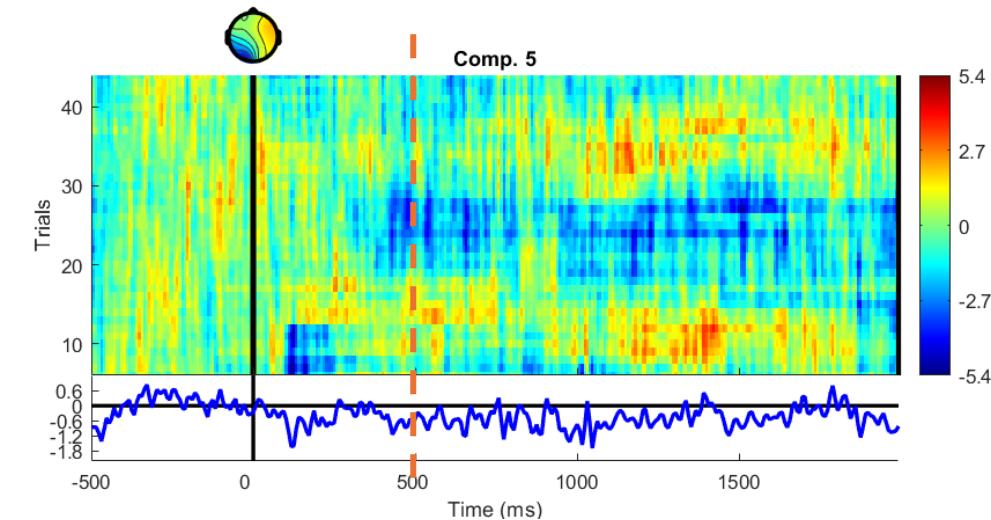
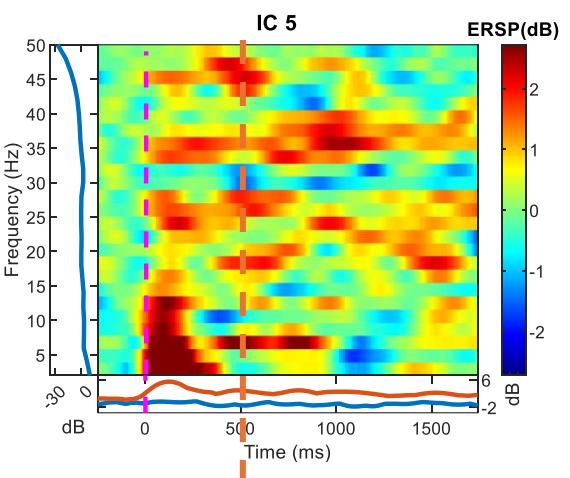
# 105\_14\_2

Frontal F7	
Time	+520ms
Theta	increase
Alpha	decrease



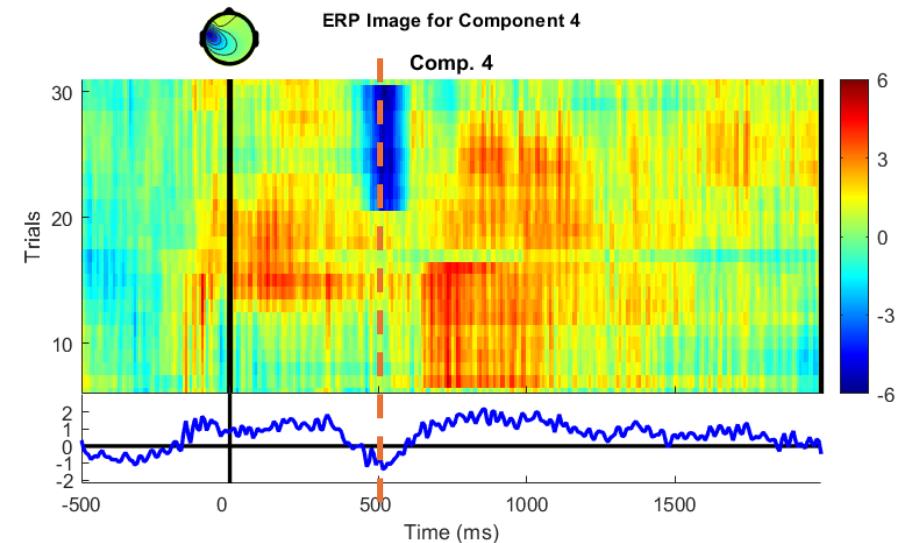
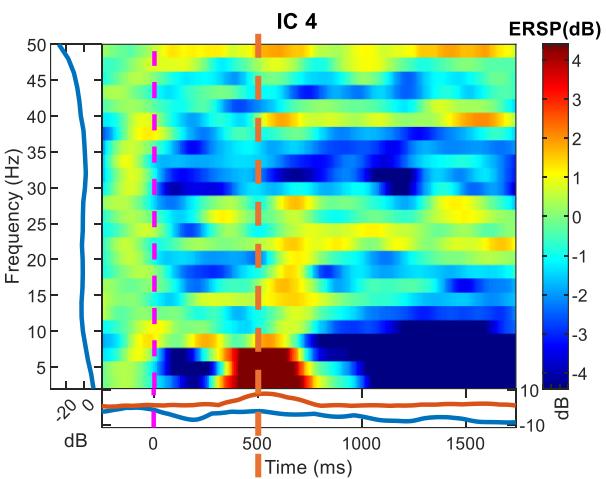
# 105\_14\_3

Occipital O1		
Time	+500ms	
Theta	increase	
Alpha	decrease	



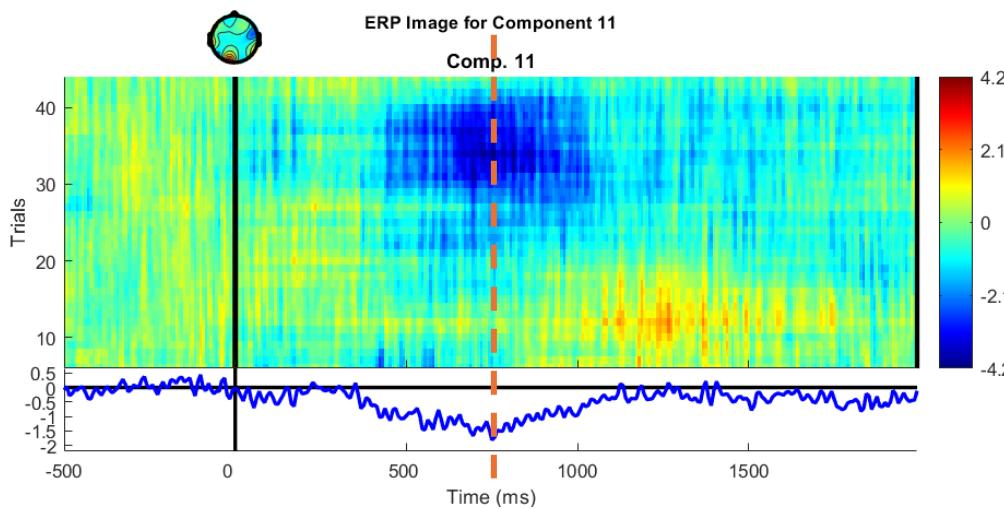
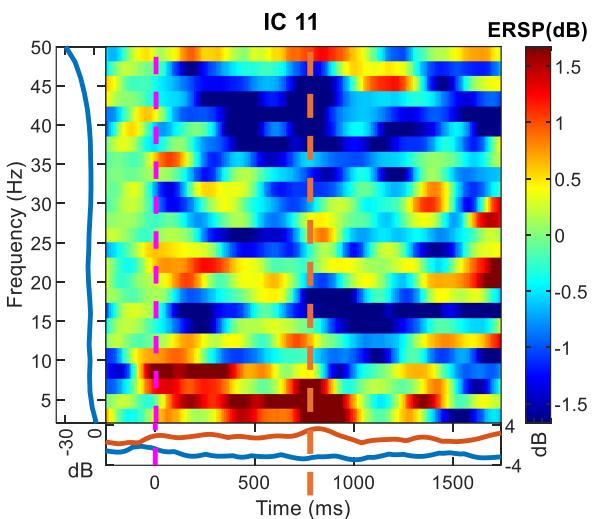
# 105\_15\_1

Frontal FC5	
Time	+500ms
Theta	increase
Alpha	decrease



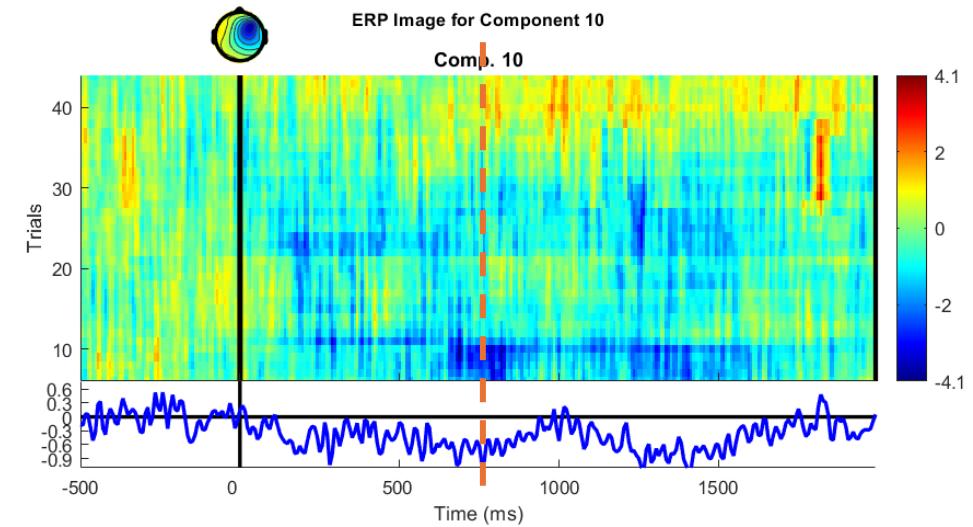
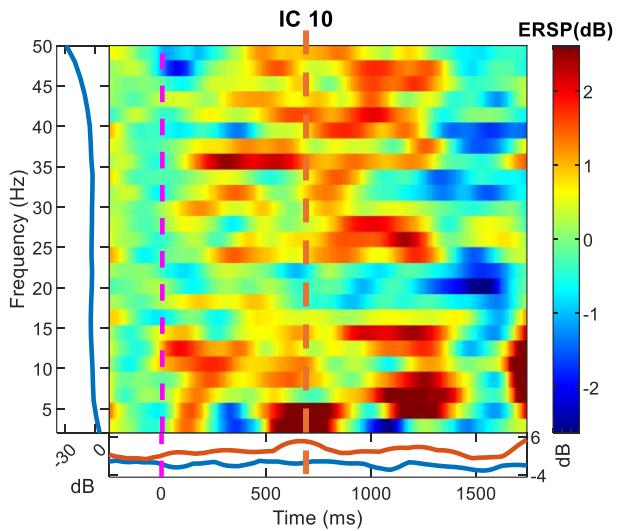
# 105\_15\_2

Occipital O1	
Time	+750ms
Theta	increase
Alpha	decrease



# 105\_15\_3

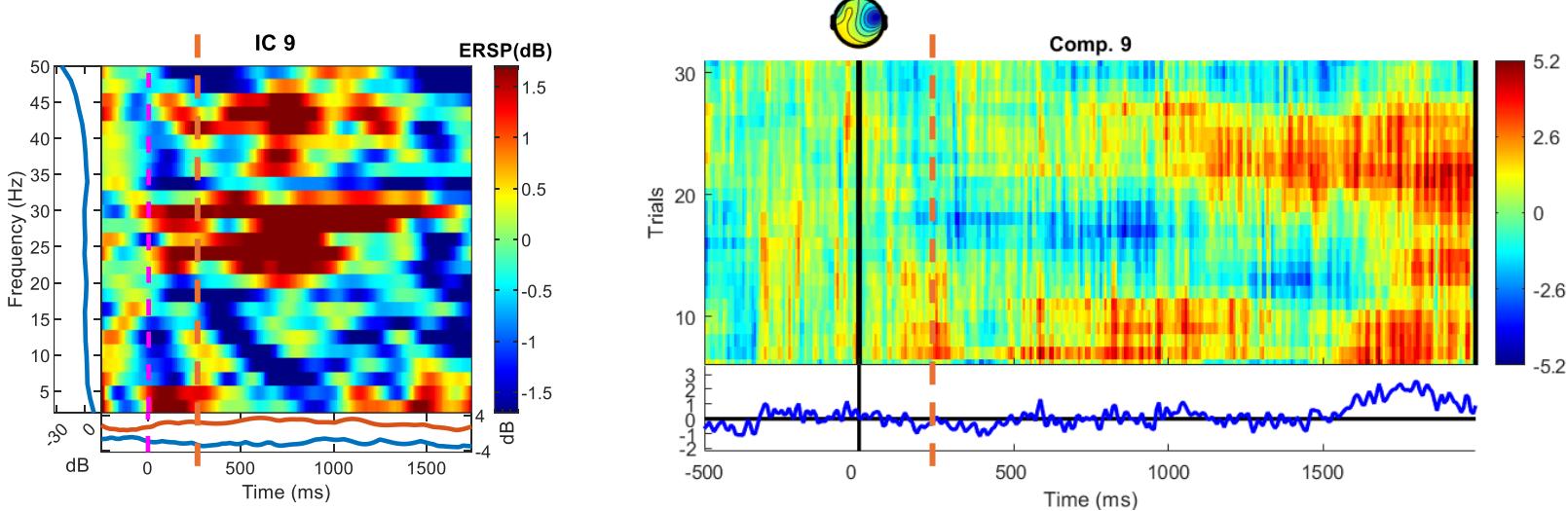
Frontal F4	
Time	+710ms
Theta	increase
Alpha	decrease



# 105\_16\_1

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Frontal FC6	
Time	+300ms
Theta	increase
Alpha	decrease

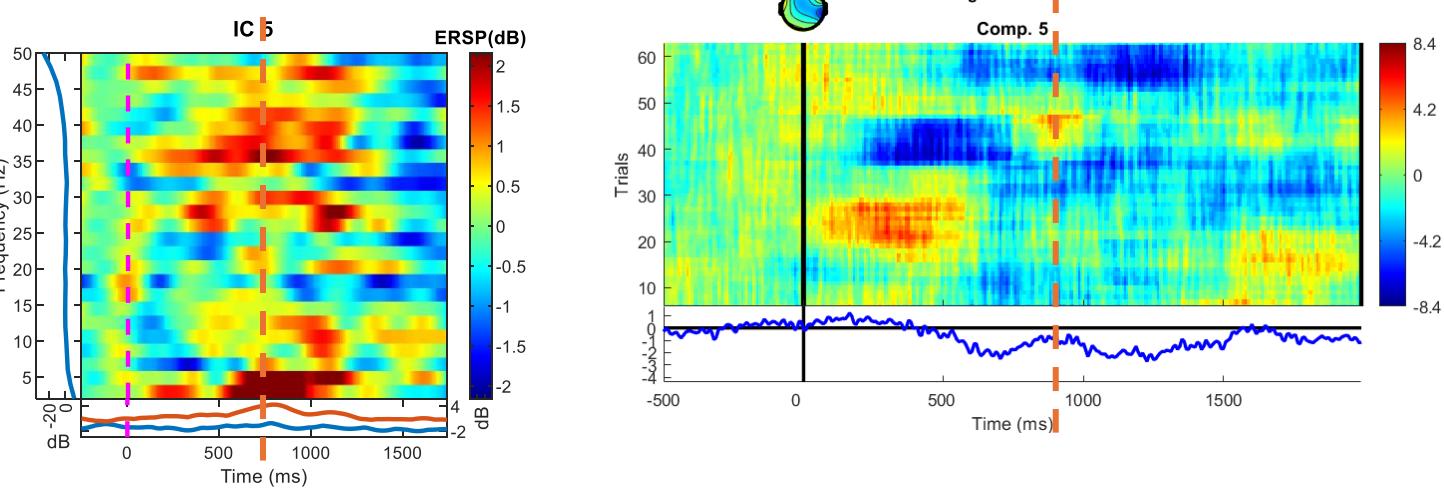
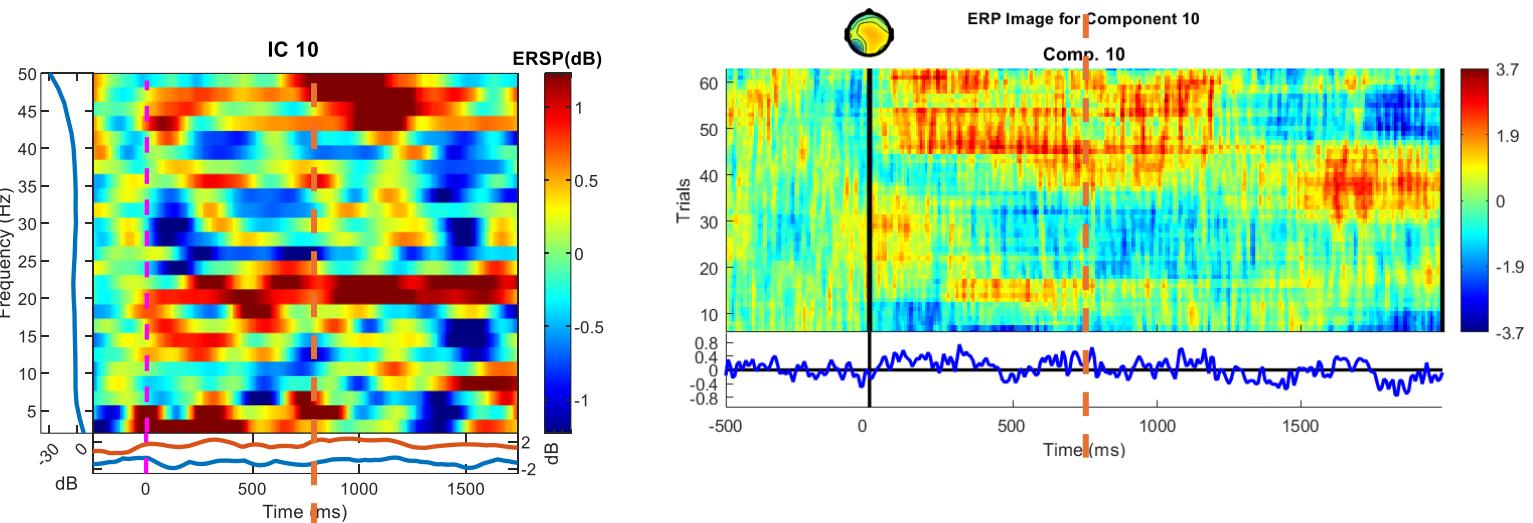


# 105\_16\_2

Frontal F3		
Time	+800ms	
Theta	increase	
Alpha	decrease	

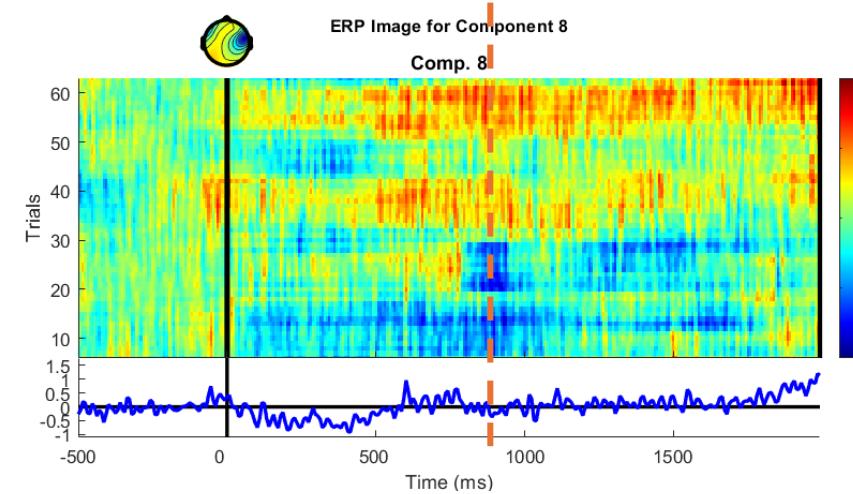
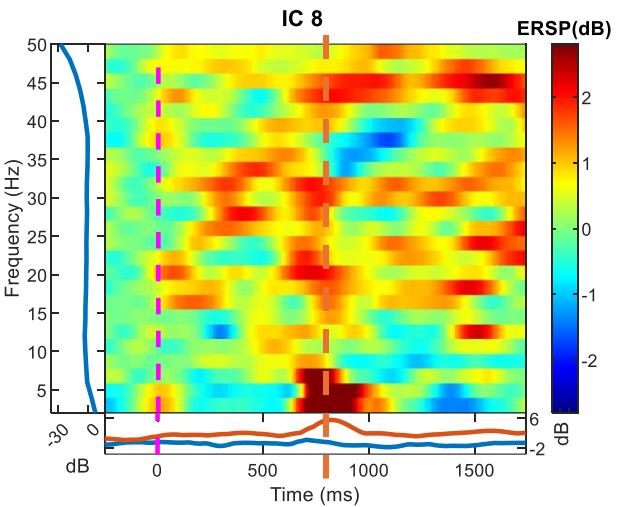
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Temporal T8		
Time	+800ms	
Theta	increase	
Alpha	decrease	



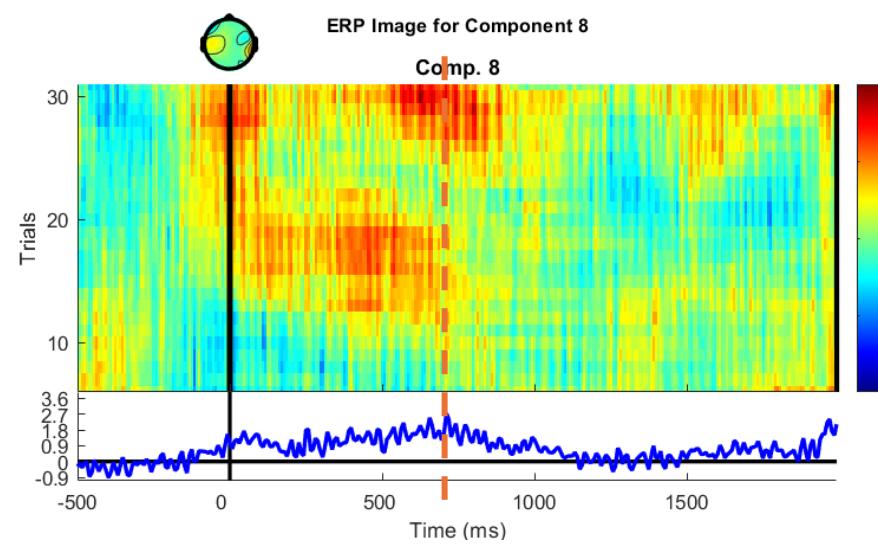
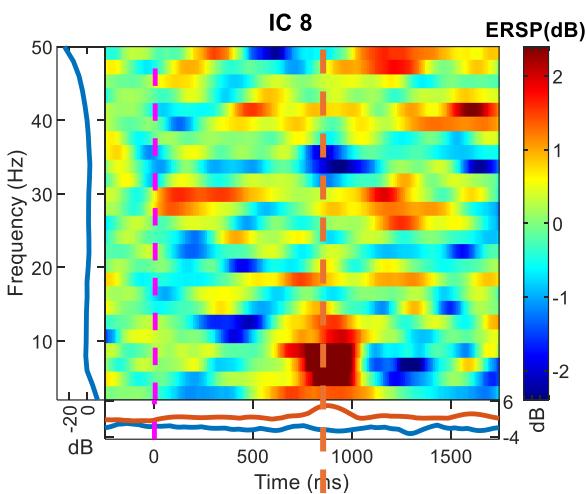
# 105\_16\_3

Frontal FC6	
Time	+800ms
Theta	increase
Alpha	decrease



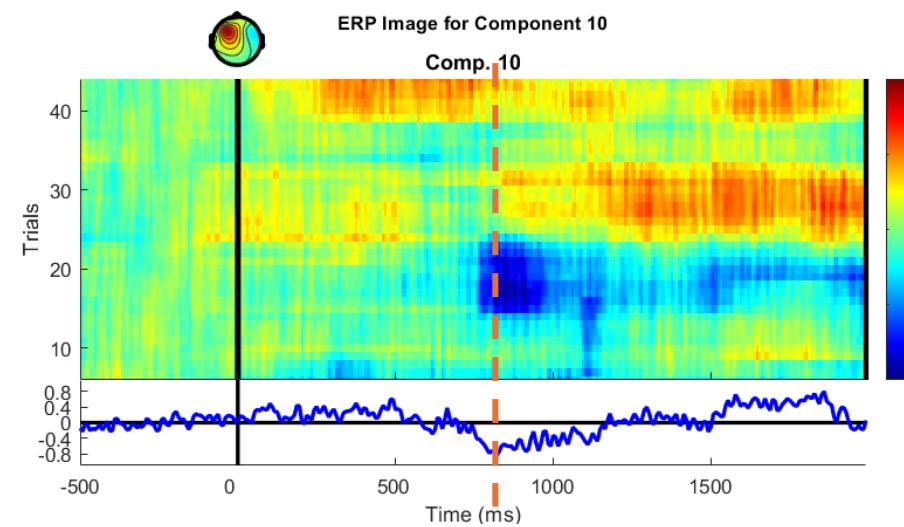
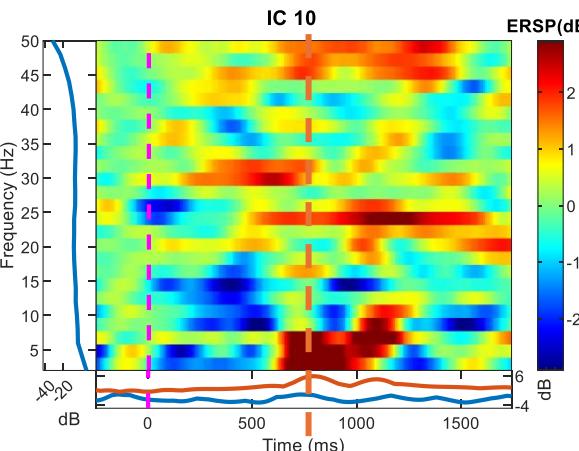
# 105\_17\_1

Frontal FC5		
Time	+800ms	
Theta	increase	
Alpha	decrease	

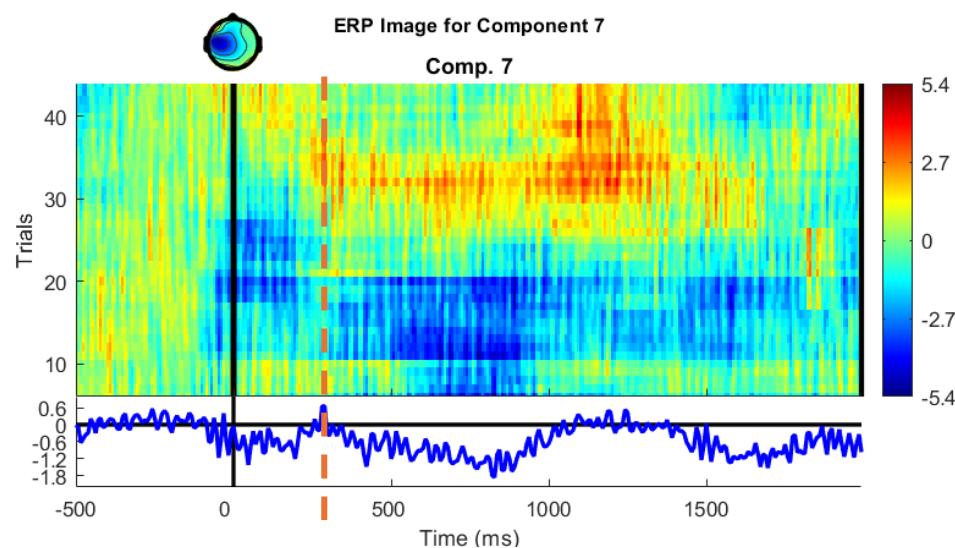
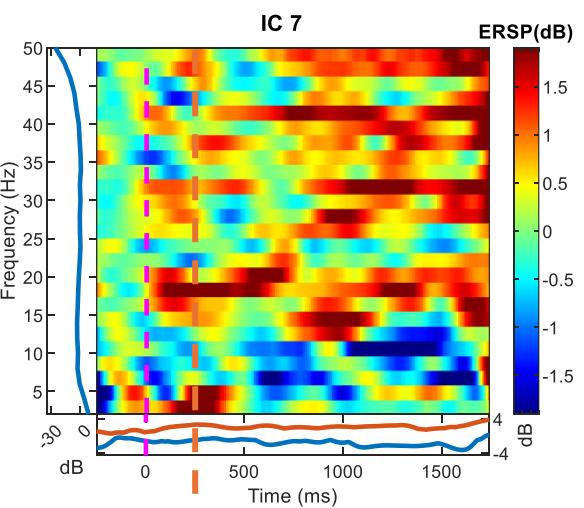


105\_17\_2

Frontal F3	
Time	+750ms
Theta	increase
Alpha	decrease

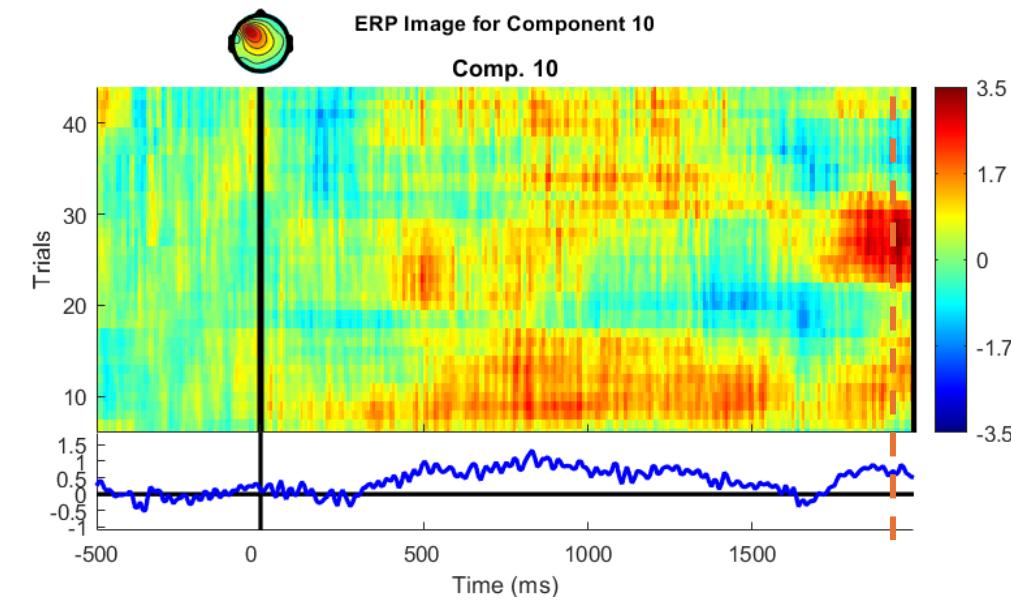
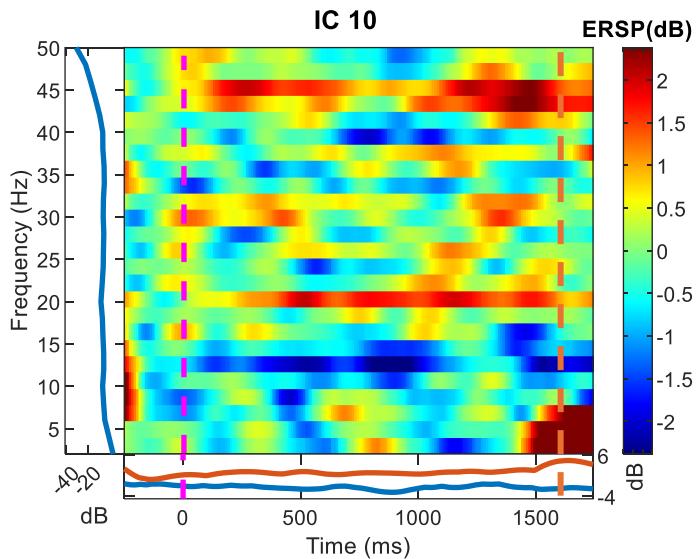


Frontal FC5	
Time	+270ms
Theta	increase
Alpha	decrease

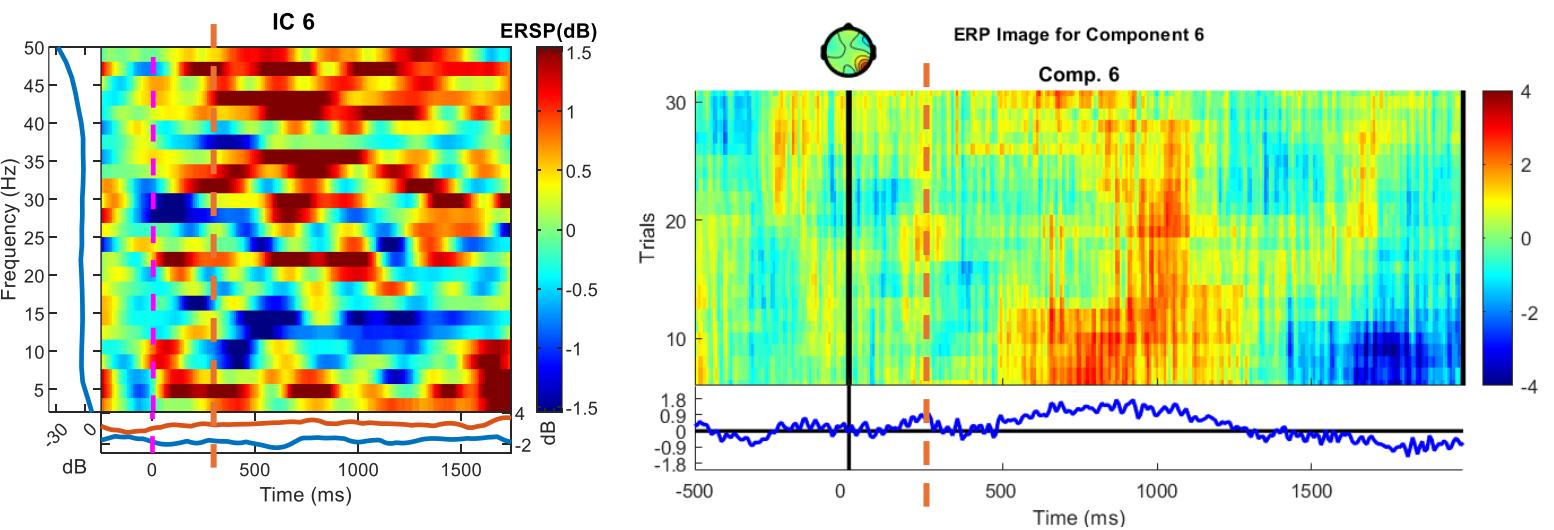
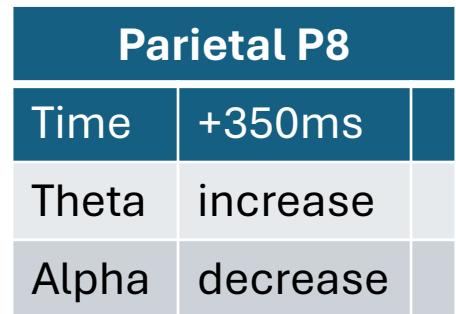
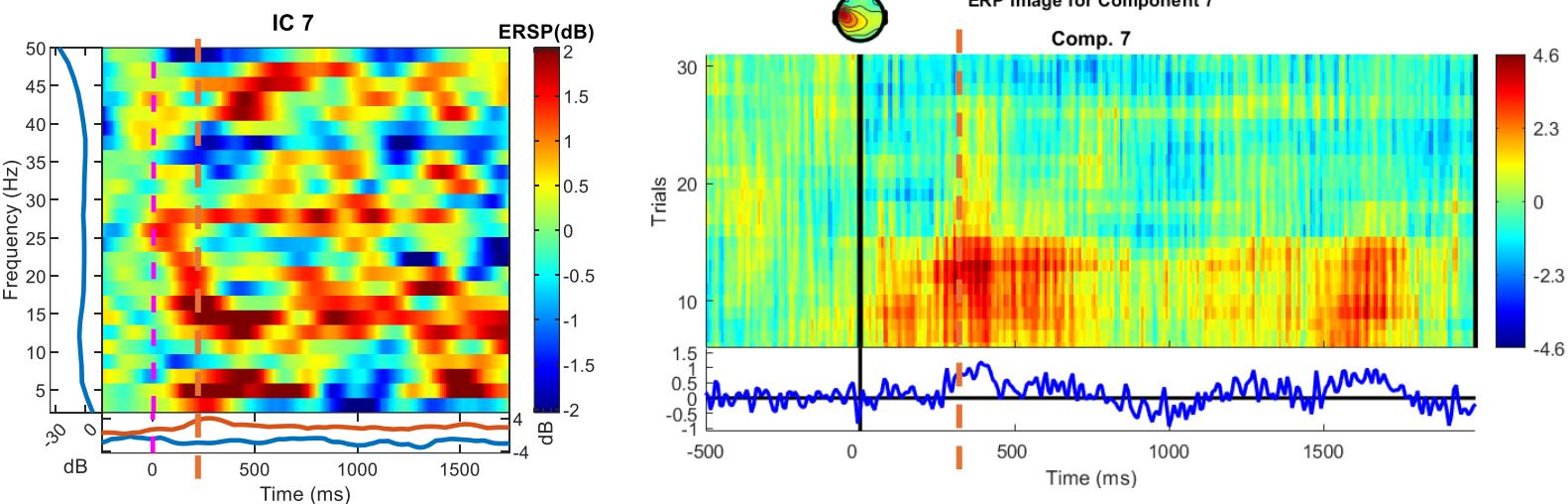
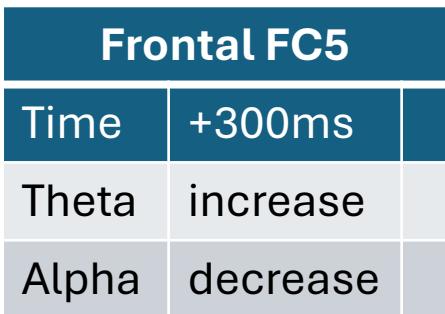


# 105\_17\_3

Frontal F3	
Time	+1600ms
Theta	increase
Alpha	decrease

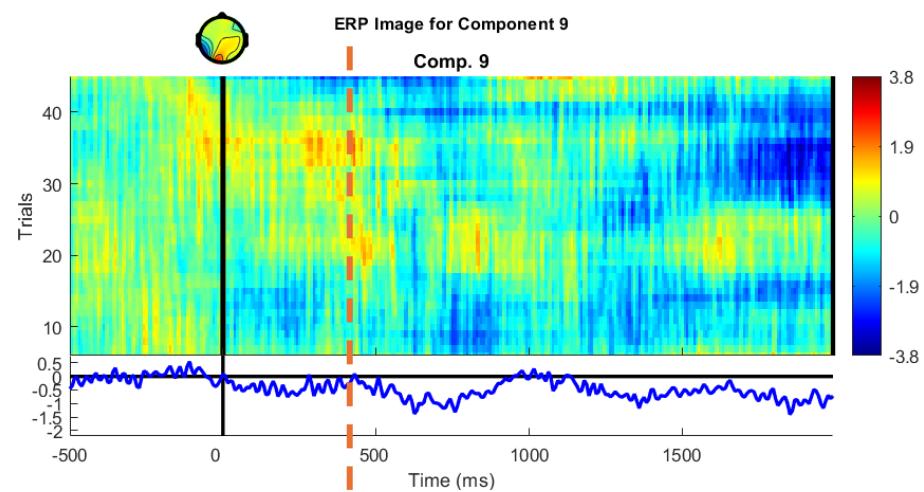
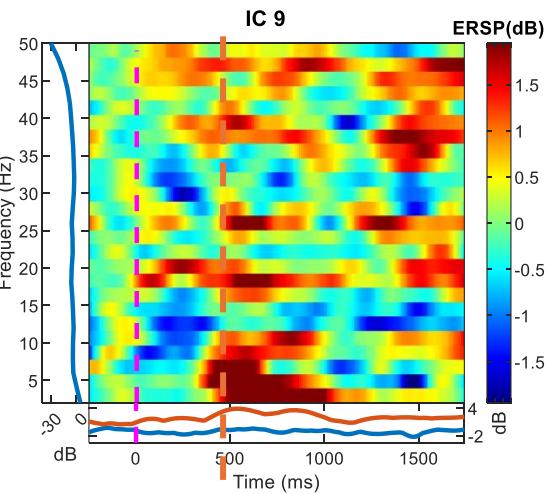


# 105\_18\_1

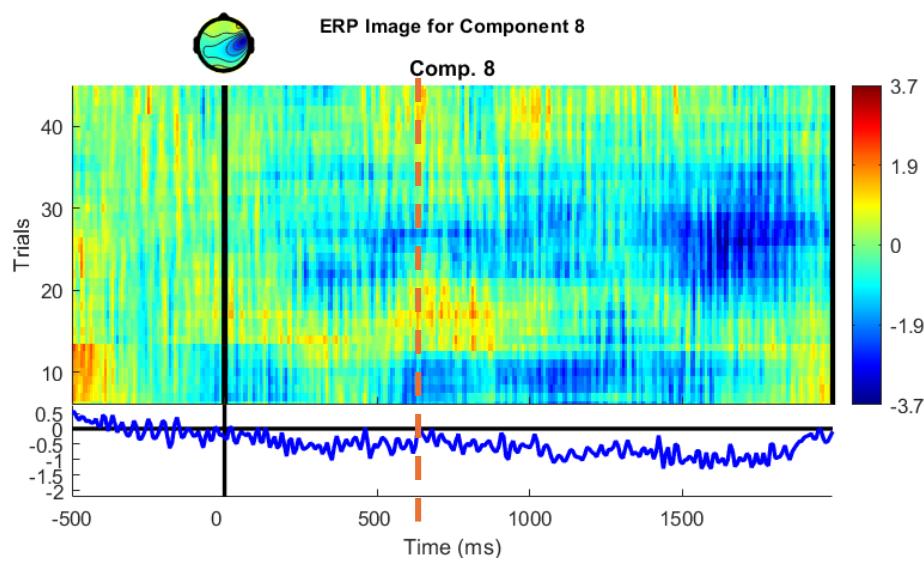
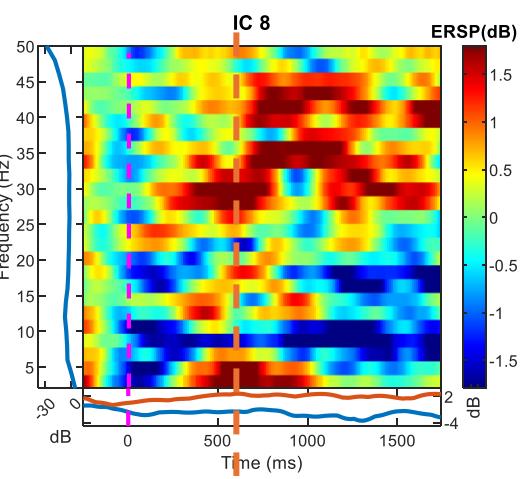


# 105\_18\_2

Occipital O1	
Time	+500ms
Theta	increase
Alpha	decrease



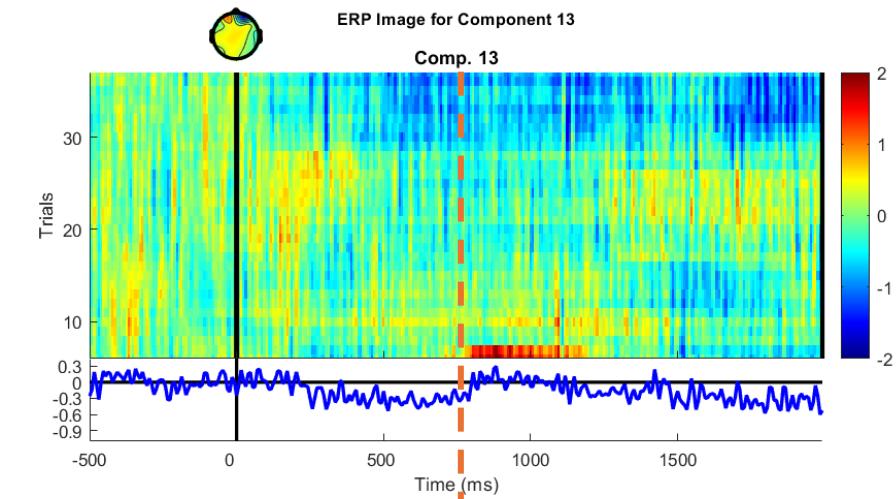
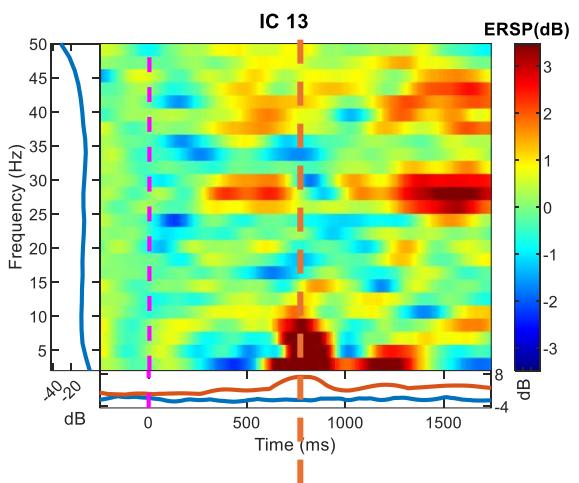
Frontal FC6	
Time	+520ms
Theta	increase
Alpha	decrease



!!

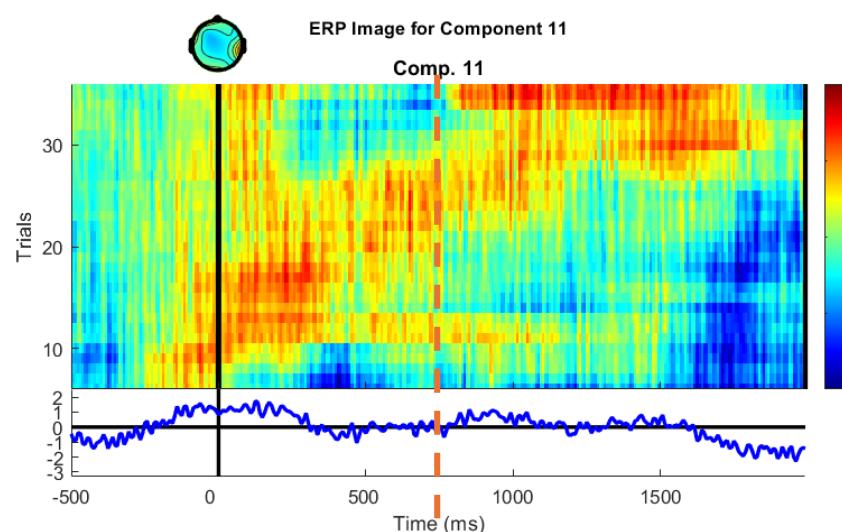
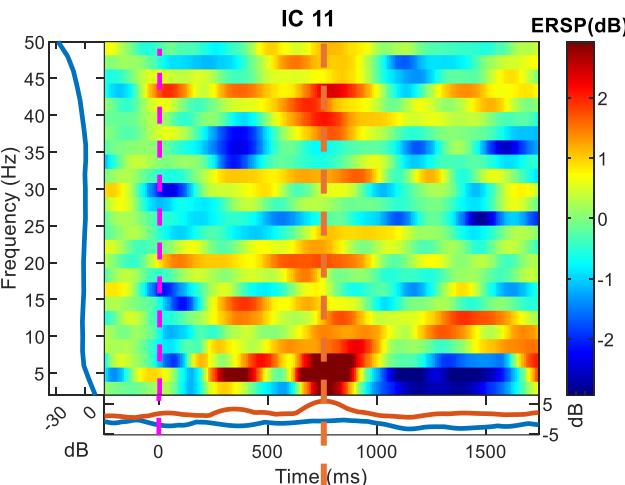
# 105\_18\_3

Frontal AF4	
Time	+700ms
Theta	increase
Alpha	decrease

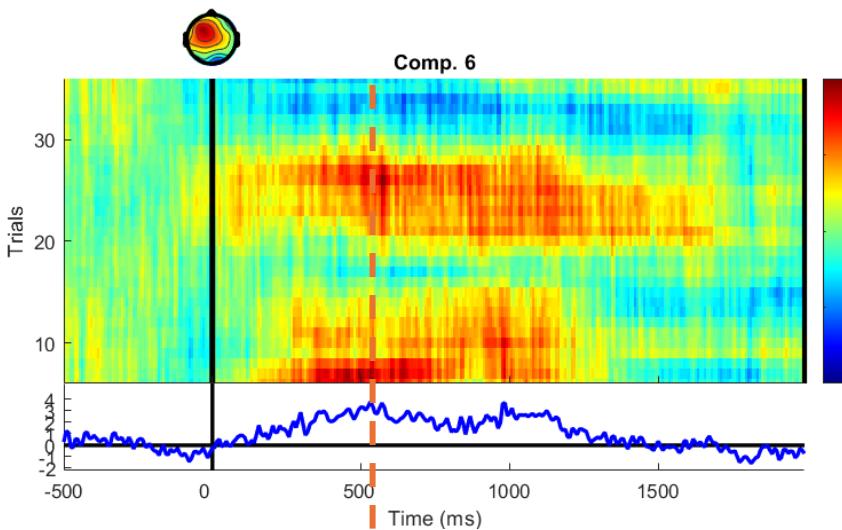
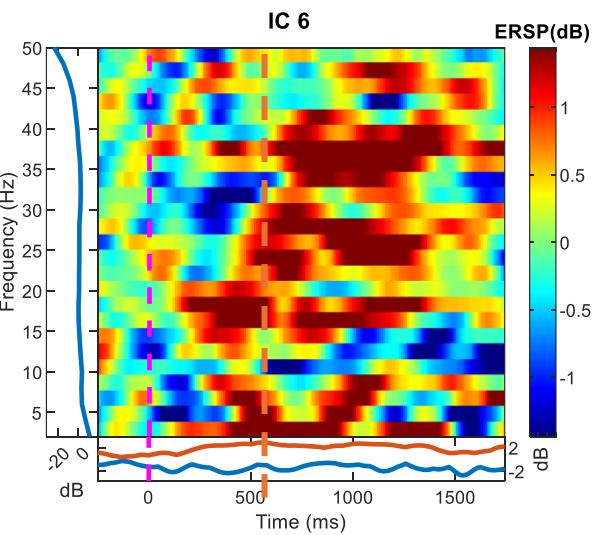


# 105\_19\_1

Frontal FC5	
Time	+750ms
Theta	increase
Alpha	decrease

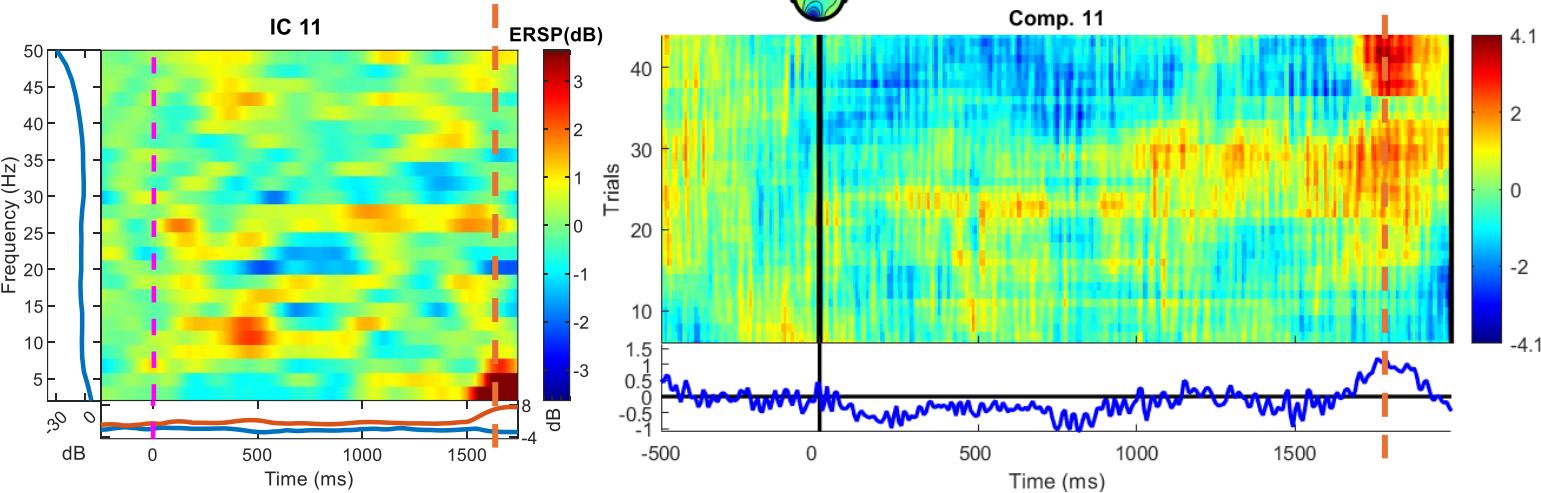


Frontal F3	
Time	+550ms
Theta	increase
Alpha	decrease

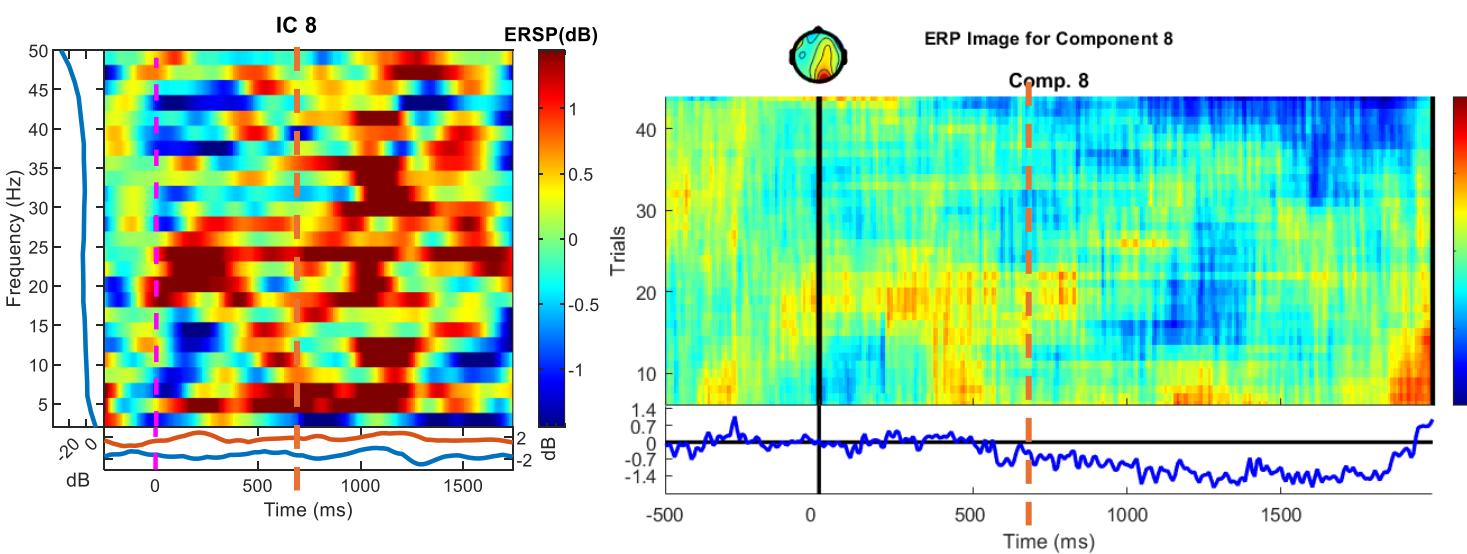


# 105\_19\_2

Occipital O1	
Time	+1600ms
Theta	increase
Alpha	decrease

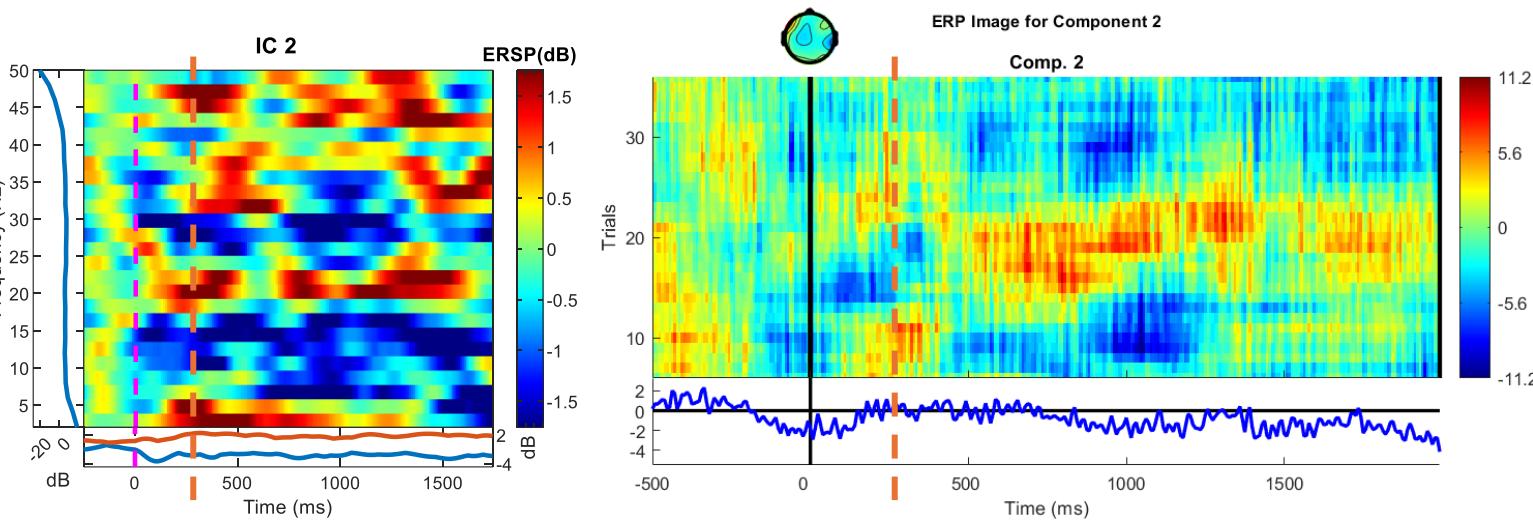


Occipital O2	
Time	+650ms
Theta	increase
Alpha	decrease

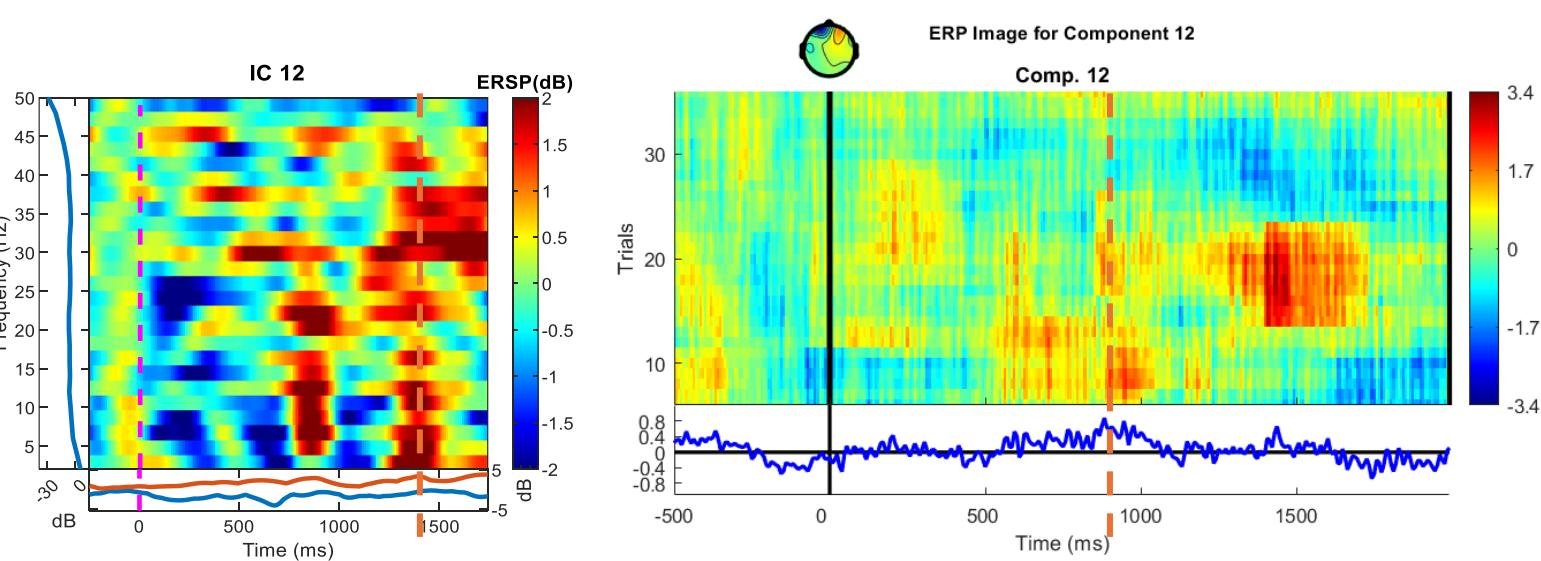


105\_20\_1

Frontal F7		
Time	+300ms	
Theta	increase	
Alpha	decrease	

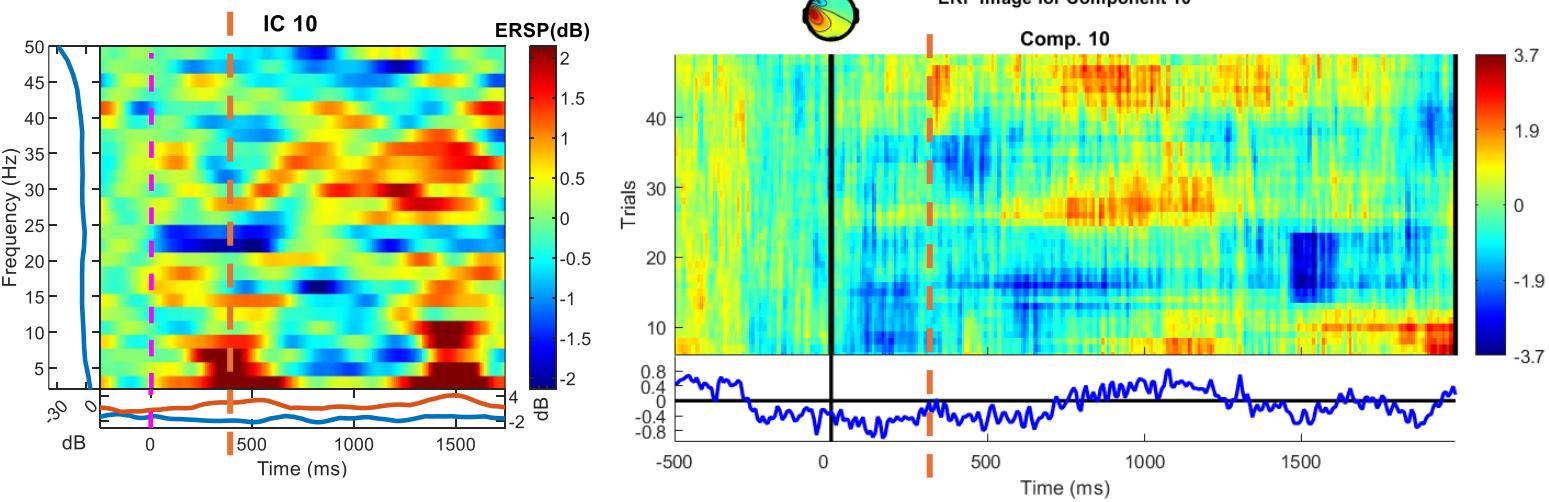


Frontal AF3		
Time	+1450ms	
Theta	increase	
Alpha	decrease	

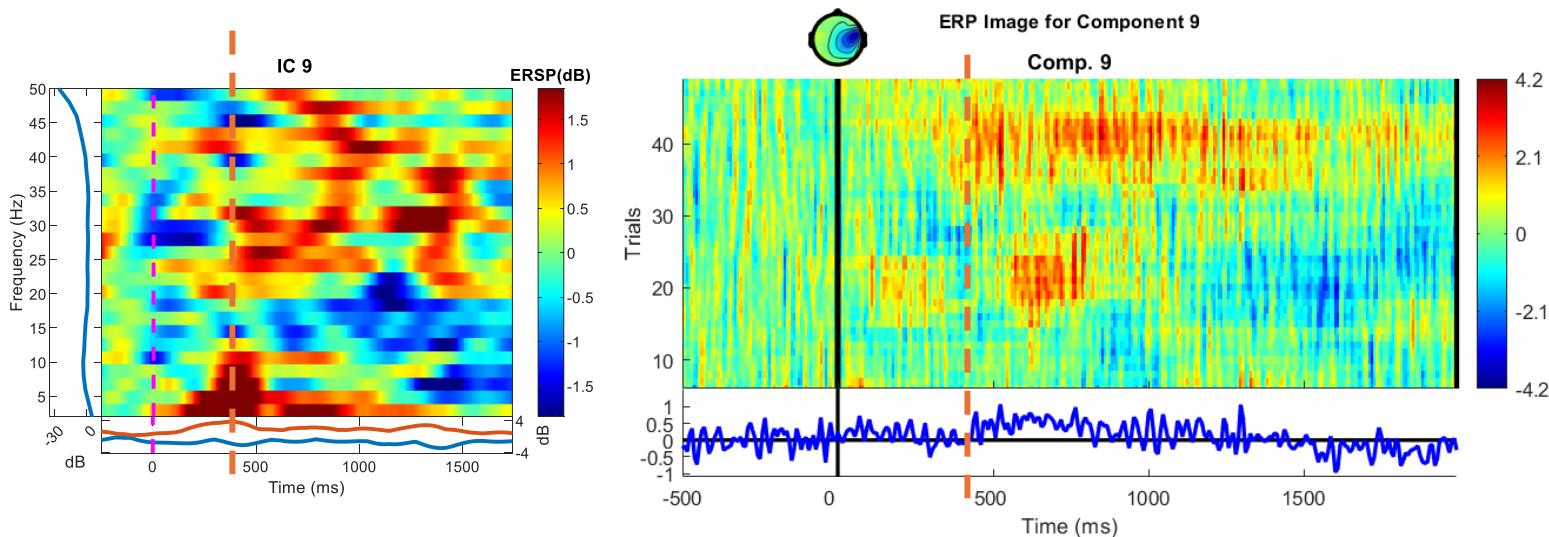


# 105\_20\_2

Frontal FC5		
Time	+390ms	
Theta	increase	
Alpha	decrease	

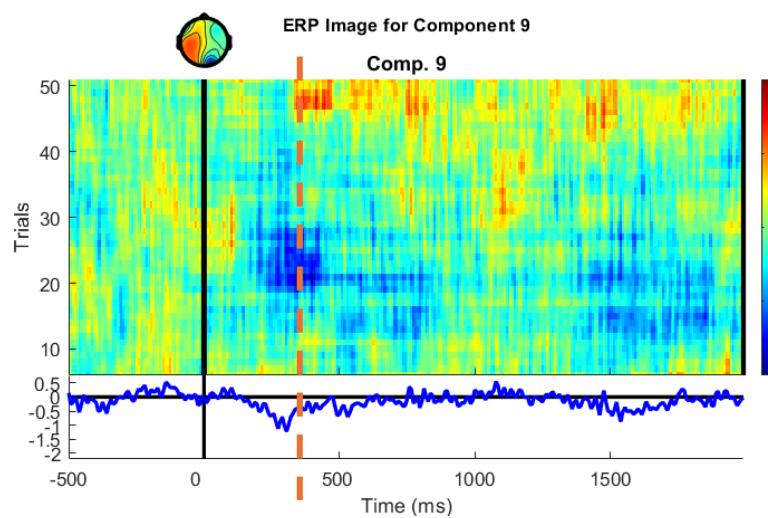
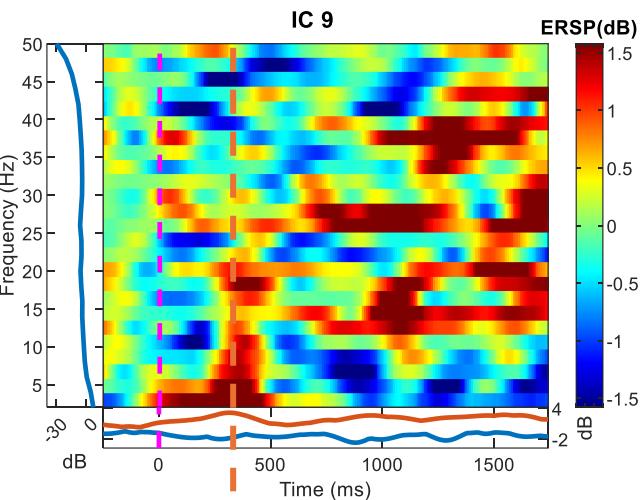


Frontal FC6		
Time	+420ms	
Theta	increase	
Alpha	decrease	

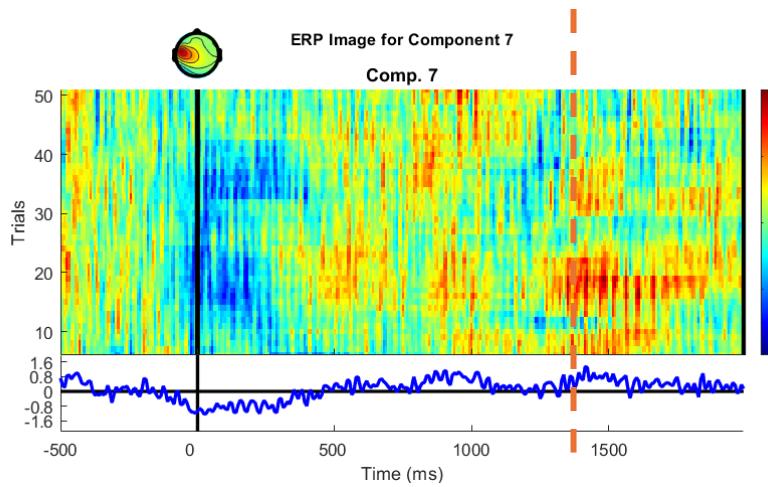
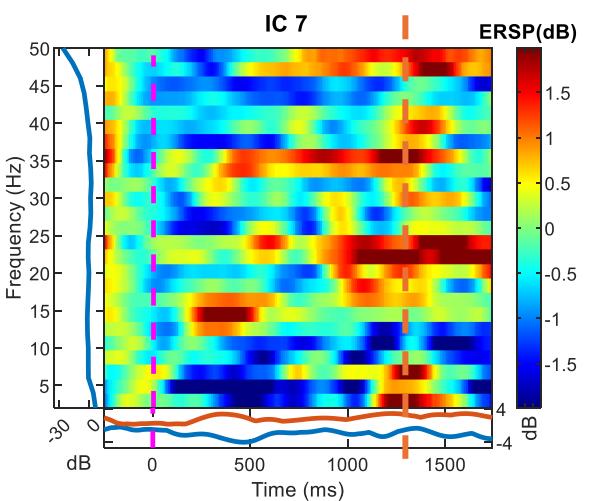


# 105\_20\_3

Occipital O2		
Time	+300ms	
Theta	increase	
Alpha	decrease	



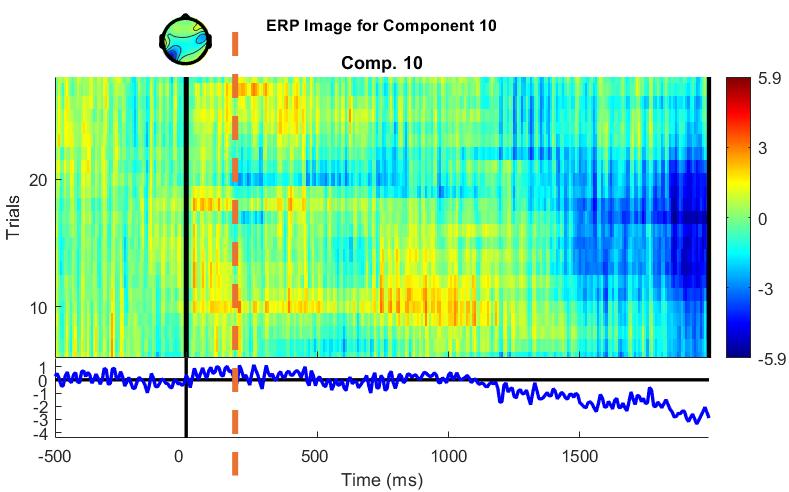
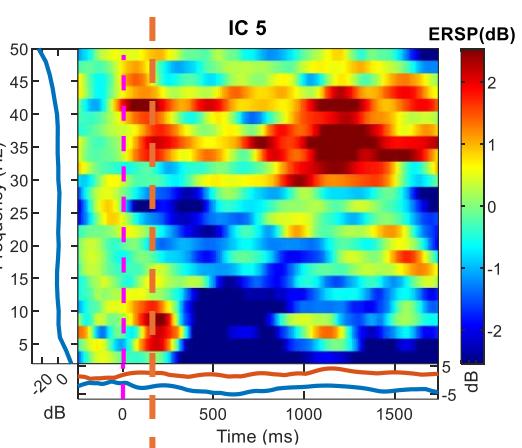
Frontal FC5		
Time	+1350ms	
Theta	increase	
Alpha	decrease	



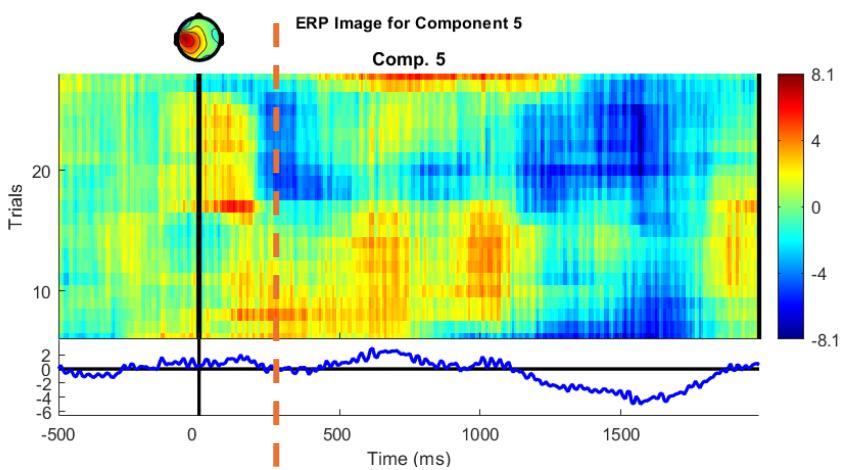
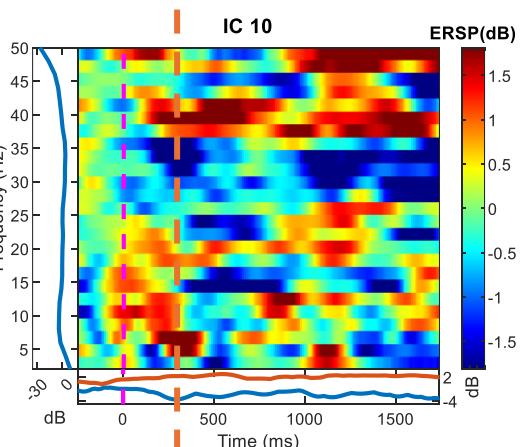
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# 105\_21\_1

Frontal FC5		
Time	+190ms	
Theta	increase	
Alpha	decrease	

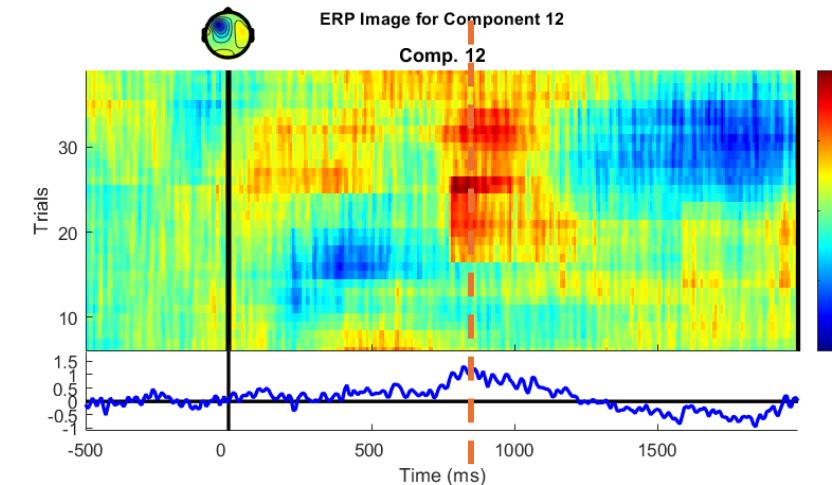
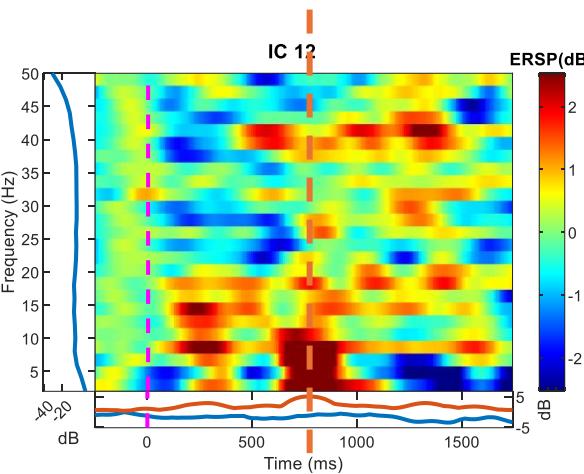


Parietal P7		
Time	+250ms	
Theta	increase	
Alpha	decrease	

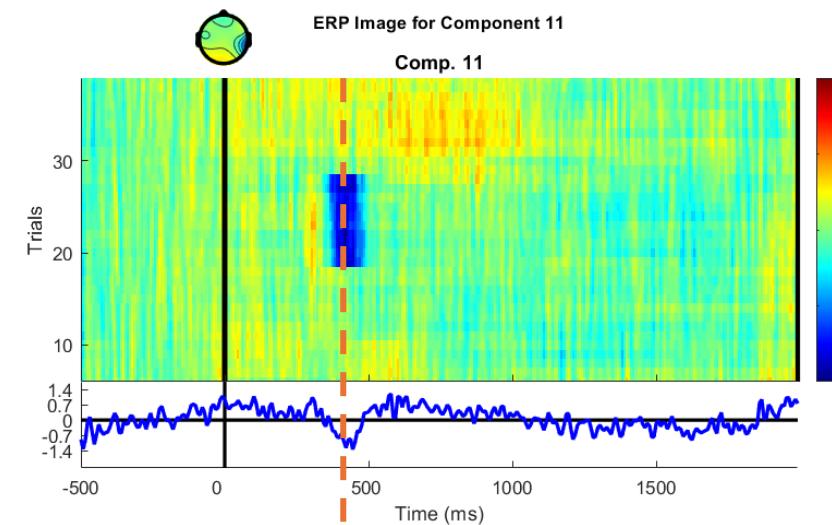
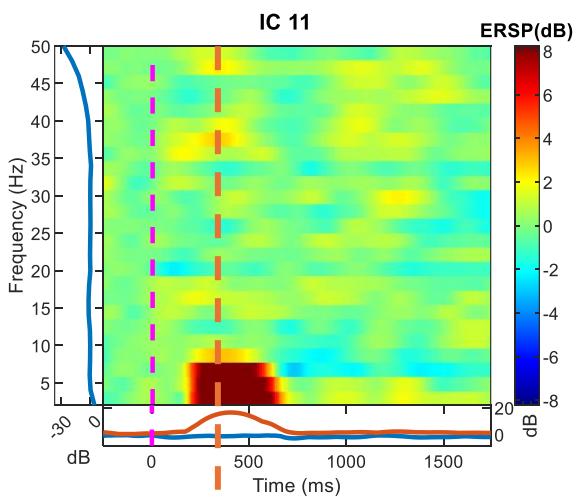


# 105\_21\_2

Frontal F3		
Time	+700ms	
Theta	increase	
Alpha	decrease	

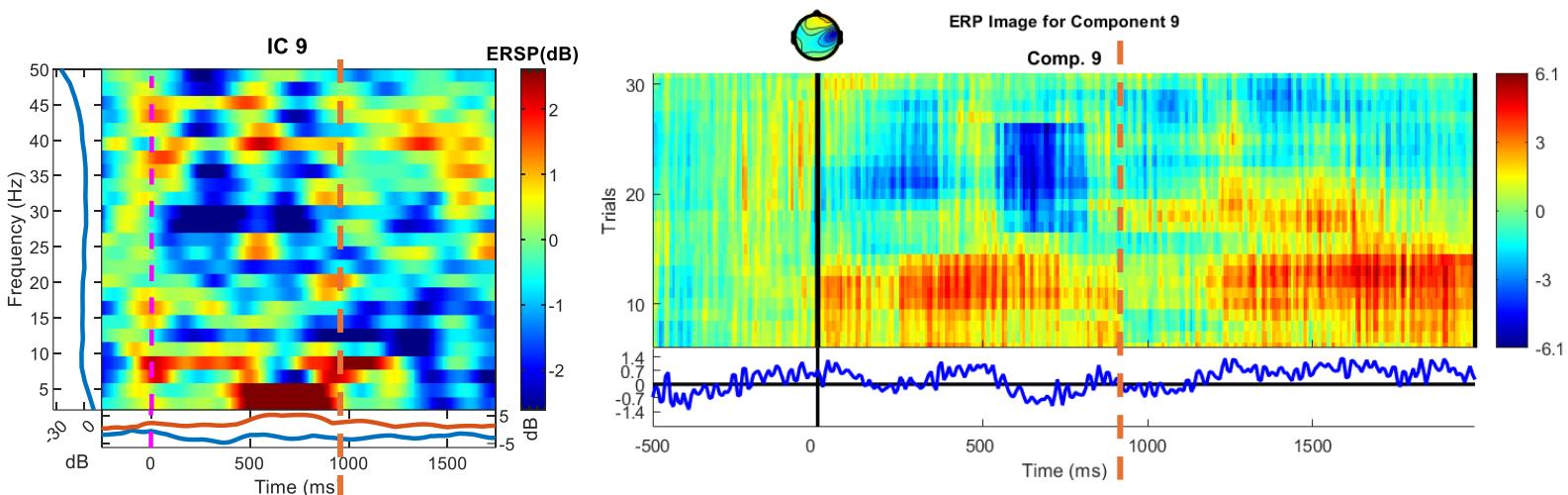


Frontal AF4		
Time	+350ms	
Theta	increase	
Alpha	decrease	

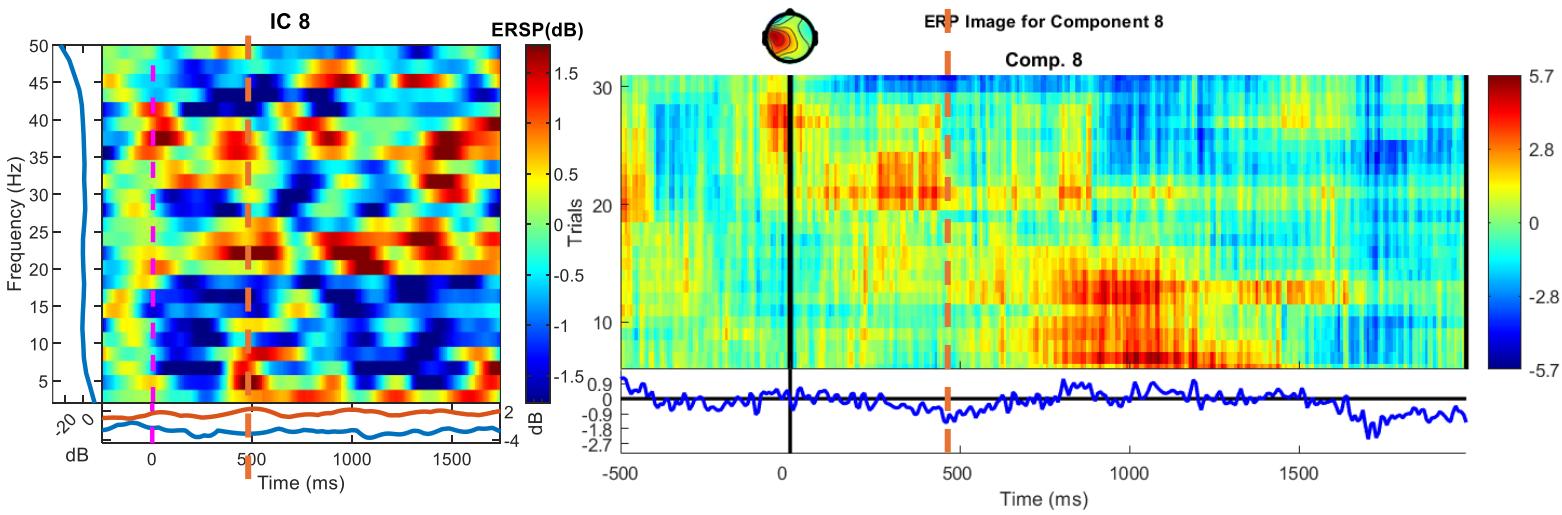


105\_21\_3

Frontal FC6		
Time	+1000ms	
Theta	increase	
Alpha	decrease	



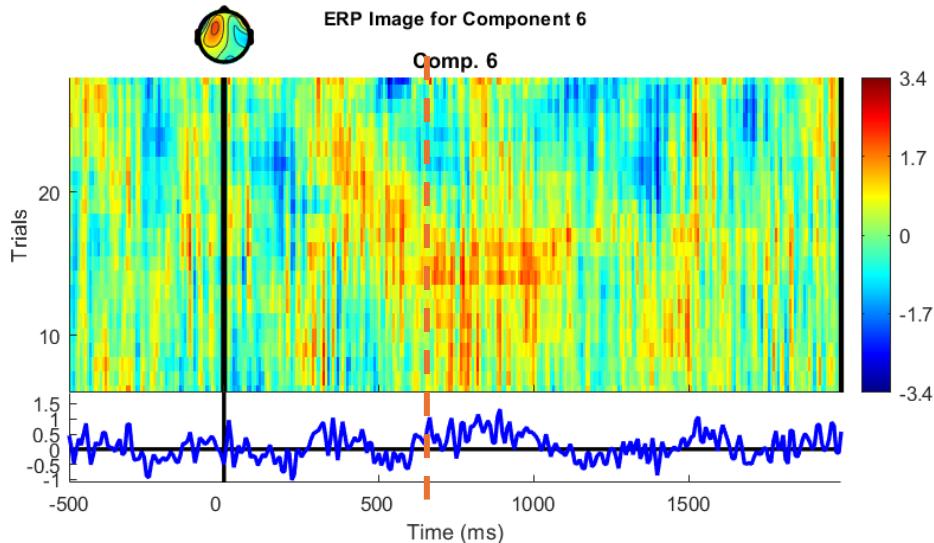
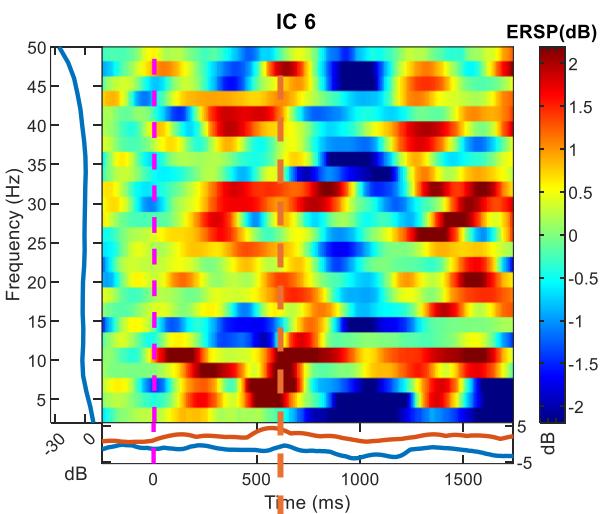
Frontal FC5		
Time	+500ms	
Theta	increase	
Alpha	decrease	



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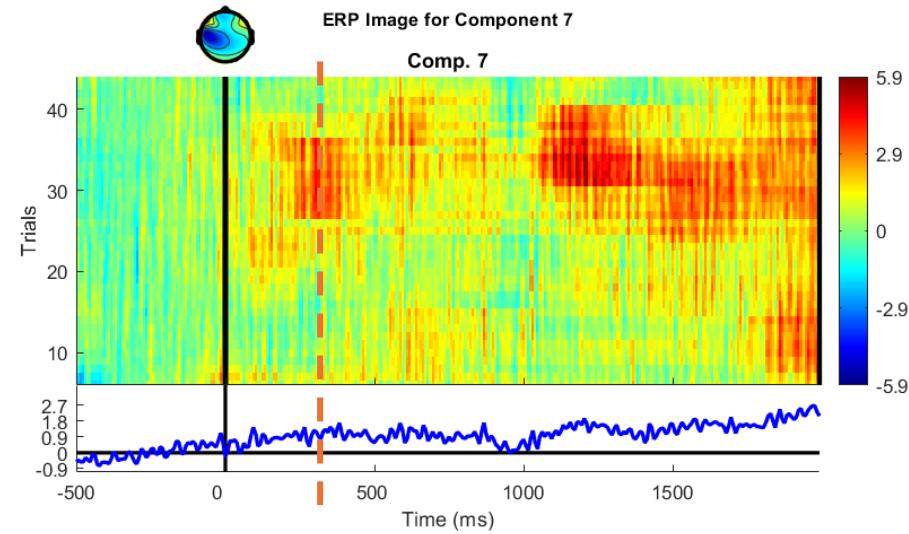
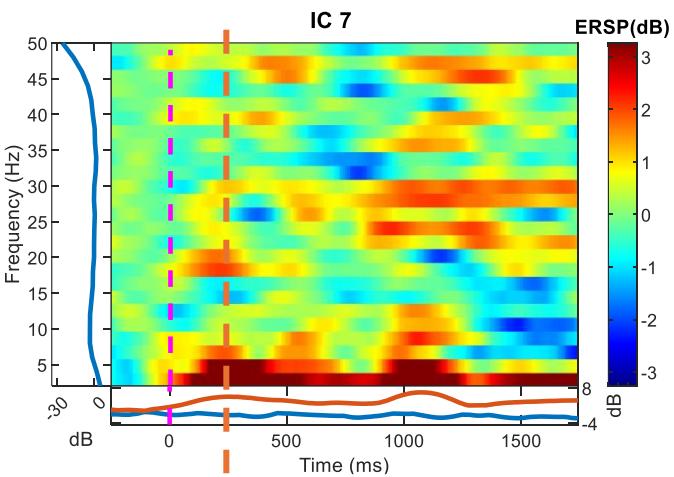
# 105\_22\_1

Frontal F3		
Time	+600ms	
Theta	increase	
Alpha	decrease	



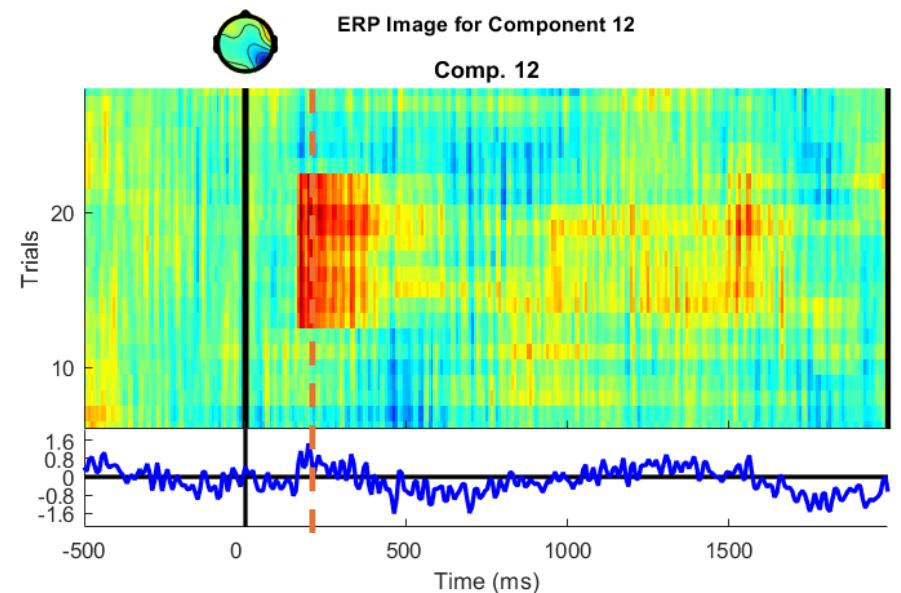
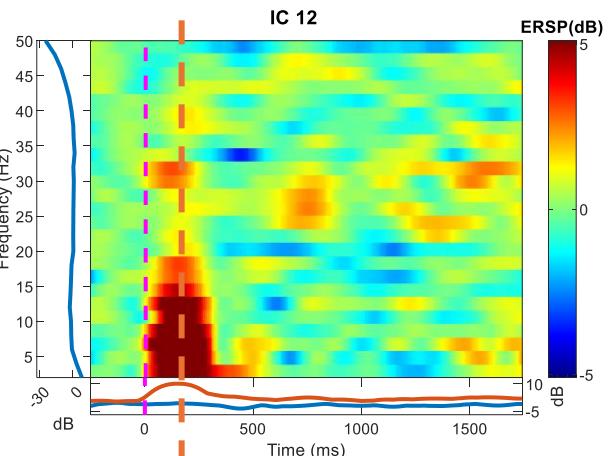
# 105\_22\_3

Frontal FC5		
Time	+350ms	
Theta	increase	
Alpha	decrease	

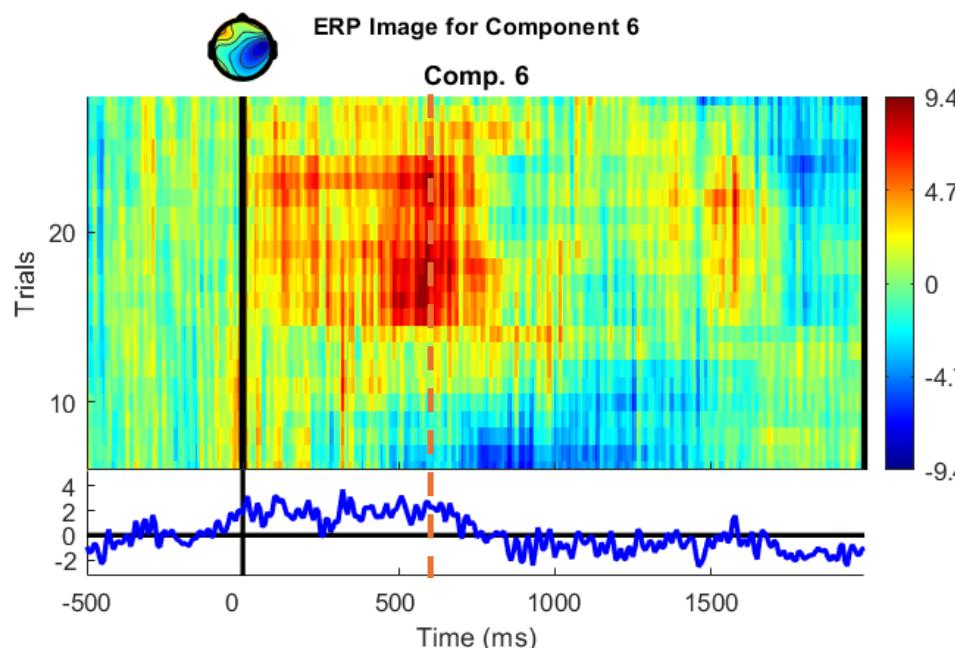
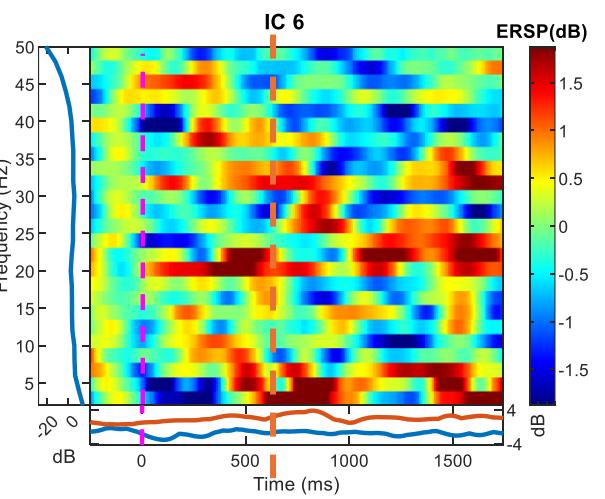


# 105\_23\_1

Parietal P8		
Time	+250ms	
Theta	increase	
Alpha	decrease	

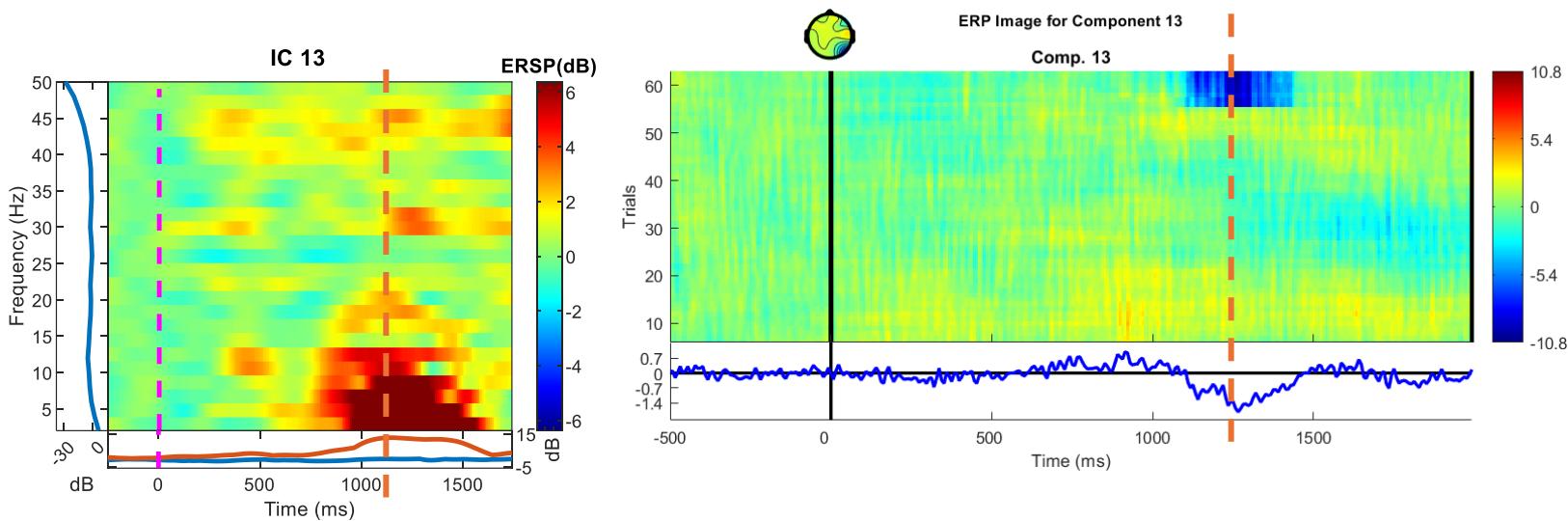


Frontal FC6		
Time	+650ms	
Theta	increase	
Alpha	decrease	



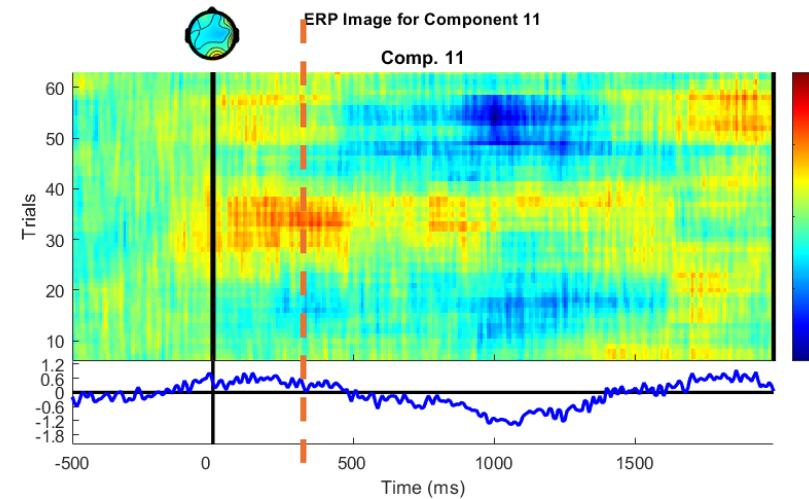
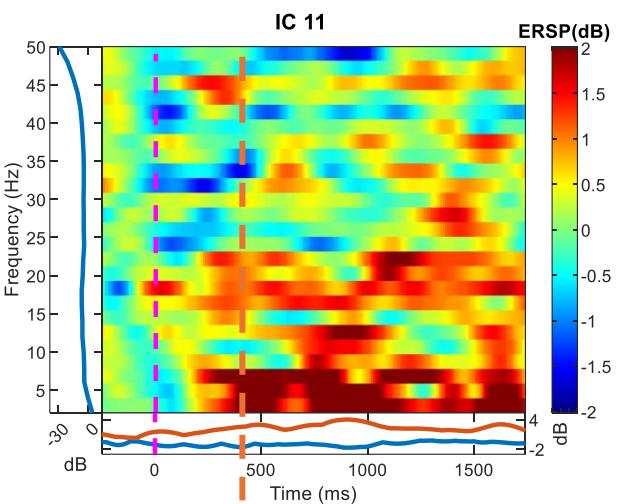
# 105\_23\_2

Parietal P8	
Time	+1200ms
Theta	increase
Alpha	decrease



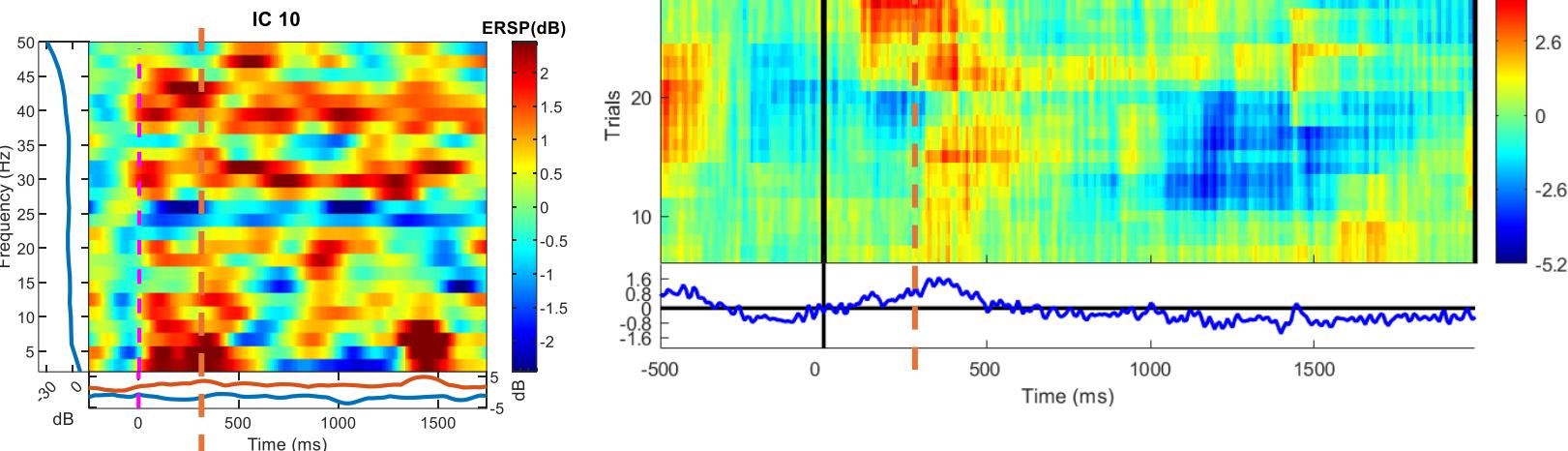
# 105\_23\_3

Frontal F4		
Time	+450ms	
Theta	increase	
Alpha	decrease	

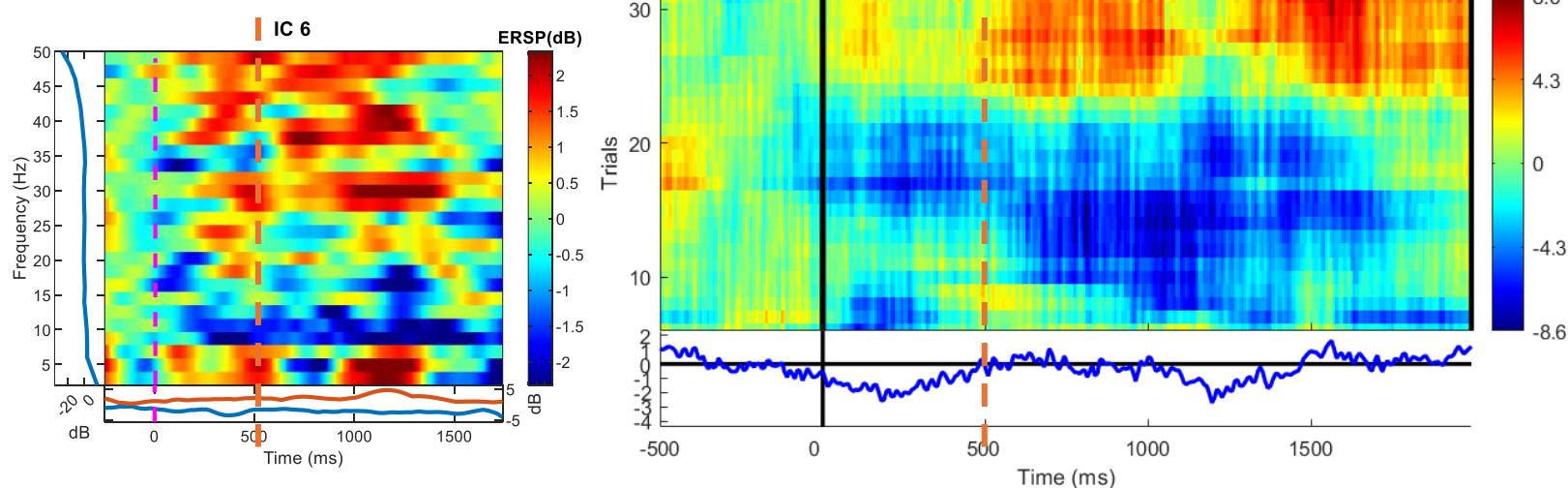


105\_24\_1

Parietal P7		
Time	+350ms	
Theta	increase	
Alpha	decrease	

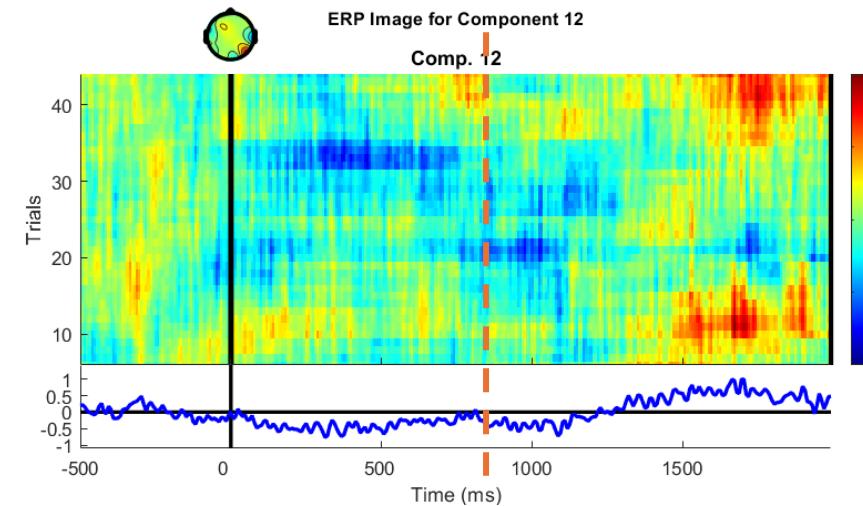
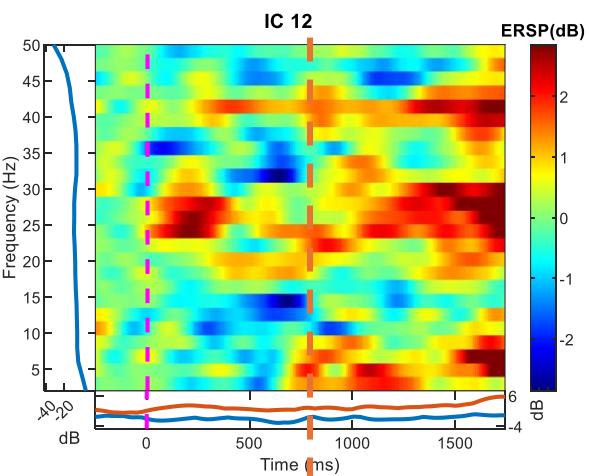


Temporal T8		
Time	+490ms	
Theta	increase	
Alpha	decrease	



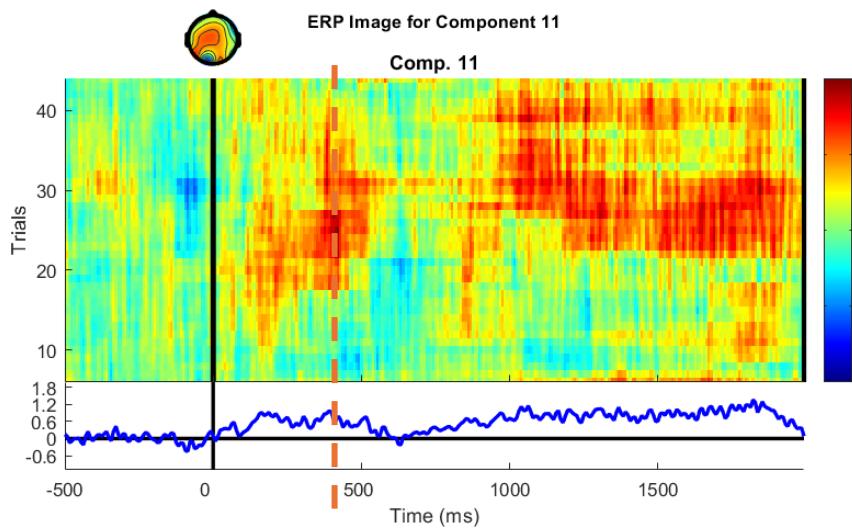
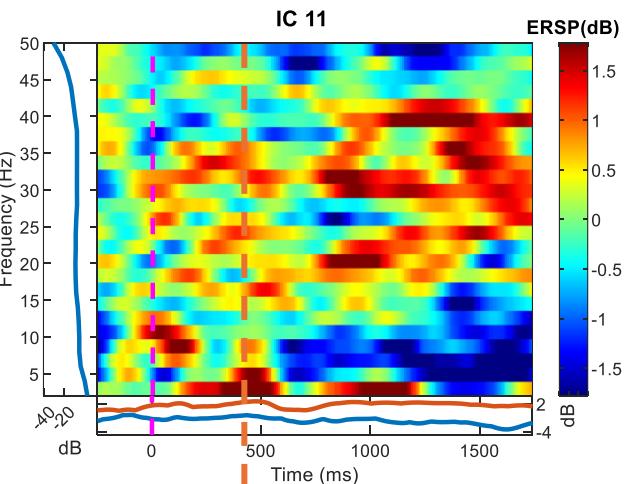
# 105\_24\_2

Parietal P8		
Time	+800ms	
Theta	increase	
Alpha	decrease	

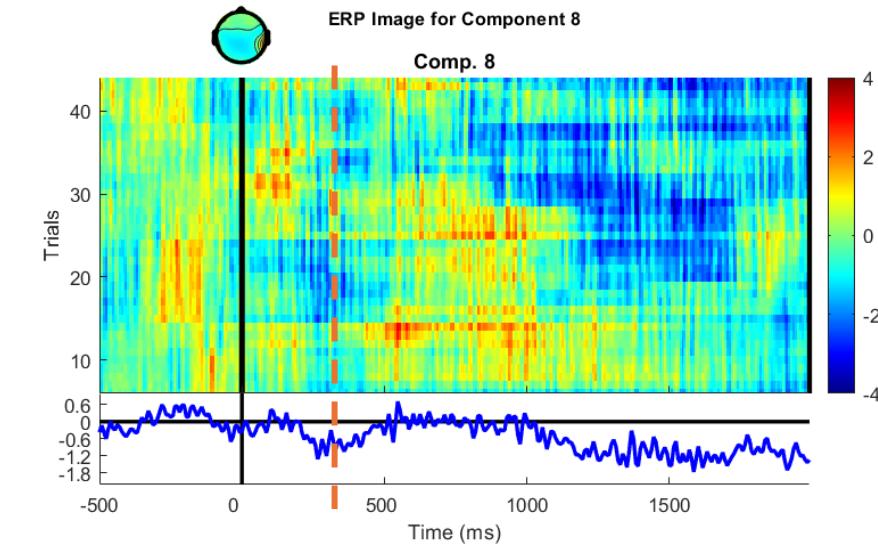
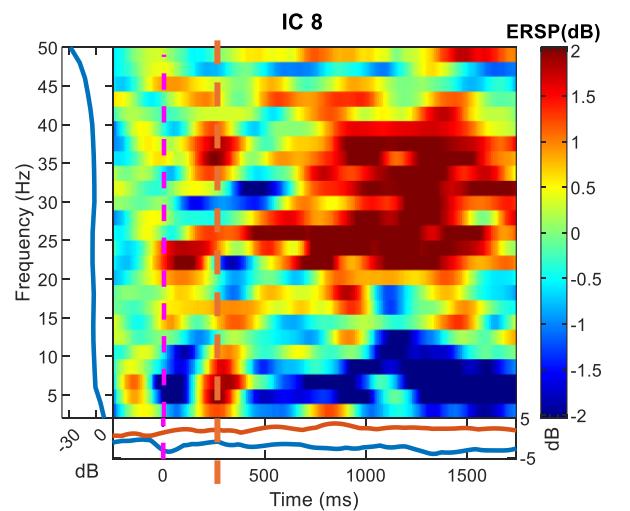


# 105\_24\_3

Occipital O1		
Time	+450ms	
Theta	increase	
Alpha	decrease	

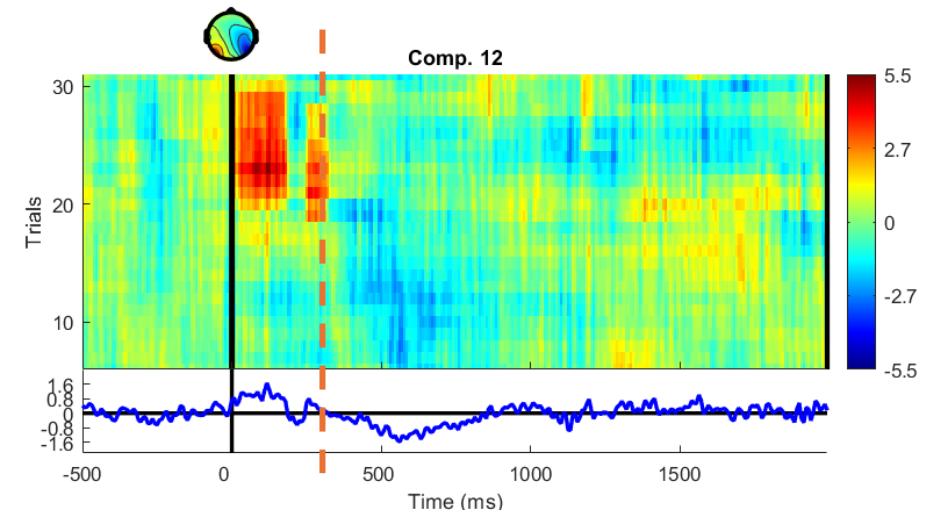
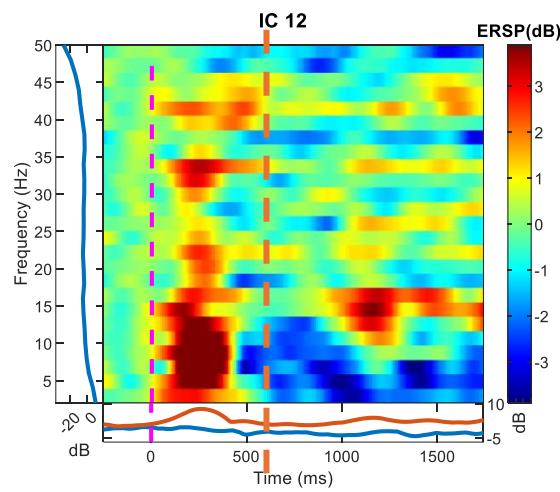


Frontal AF4		
Time	+260ms	
Theta	increase	
Alpha	decrease	



!!

105\_5\_1



# Theta Regional

Theta = 4:8

Baseline = [-150,0]

Window = [-200, +200]

## ===== All Regions Summary =====

Region: Left-Frontal

Components processed: 40

p-value (Early vs Middle): 0.81281 (decrease)

p-value (Middle vs Later): 0.46587309 (increase)

p-value (Early vs Later): 0.60162517 (increase)

---

Region: Right-Frontal

Components processed: 24

p-value (Early vs Middle): 0.88317 (increase)

p-value (Middle vs Later): 0.82863883 (decrease)

p-value (Early vs Later): 0.70344057 (decrease)

---

Region: Left-Temporal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

---

Region: Right-Temporal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

---

Region: **Left-Occipital**

Components processed: 7

p-value (Early vs Middle): 0.00784 (increase)

p-value (Middle vs Later): 0.010864017 (decrease)

p-value (Early vs Later): 0.96222986 (increase)

---

Region: Right-Occipital

Components processed: 4

p-value (Early vs Middle): 0.63691 (decrease)

p-value (Middle vs Later): 0.23631135 (decrease)

p-value (Early vs Later): 0.054404481 (decrease)

---

Region: Left-Parietal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

---

Region: Right-Parietal

Components processed: 7

p-value (Early vs Middle): 0.072938 (decrease)

p-value (Middle vs Later): 0.073135679 (increase)

p-value (Early vs Later): 0.58625631 (decrease)

# Theta Regional

Theta = 4:8

Baseline = [-150,0]

Window = [-120, +150]

## ===== All Regions Summary =====

### Region: **Left-Frontal**

Components processed: 40

p-value (Early vs Middle): 0.031231 (increase)

p-value (Middle vs Later): 0.58739249 (decrease)

p-value (Early vs Later): 0.063137991 (increase)

### Region: Right-Frontal

Components processed: 24

p-value (Early vs Middle): 0.291 (increase)

p-value (Middle vs Later): 0.99015447 (decrease)

p-value (Early vs Later): 0.2890989 (increase)

### Region: Left-Temporal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

### Region: Right-Temporal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

### Region: **Left-Occipital**

Components processed: 7

p-value (Early vs Middle): 0.10875 (increase)

p-value (Middle vs Later): 0.049330471 (decrease)

p-value (Early vs Later): 0.68194711 (decrease)

### Region: **Right-Occipital**

Components processed: 4

p-value (Early vs Middle): 0.54392 (decrease)

p-value (Middle vs Later): 0.029068504 (decrease)

p-value (Early vs Later): 0.076774813 (decrease)

### Region: Left-Parietal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

### Region: Right-Parietal

Components processed: 7

p-value (Early vs Middle): 0.23584 (increase)

p-value (Middle vs Later): 0.38108329 (increase)

p-value (Early vs Later): 0.53268128 (increase)

# Alpha Regional

Alpha = 9:13

Baseline = [-150,0]

Window = [-120, +150]

## ===== All Regions Summary =====

Region: Left-Frontal

Components processed: 40

p-value (Early vs Middle): 0.013199 (increase)

p-value (Middle vs Later): 0.57954037 (decrease)

p-value (Early vs Later): 0.028925641 (increase)

Region: Right-Frontal

Components processed: 24

p-value (Early vs Middle): 0.92581 (increase)

p-value (Middle vs Later): 0.71895428 (decrease)

p-value (Early vs Later): 0.77994317 (decrease)

Region: Left-Temporal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

Region: Right-Temporal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

Region: Left-Occipital

Components processed: 7

p-value (Early vs Middle): 0.2527 (increase)

p-value (Middle vs Later): 0.41757409 (decrease)

p-value (Early vs Later): 0.6241709 (increase)

Region: Right-Occipital

Components processed: 4

p-value (Early vs Middle): 0.87143 (decrease)

p-value (Middle vs Later): 0.15872766 (decrease)

p-value (Early vs Later): 0.21017319 (decrease)

Region: Left-Parietal

Components processed: NA

p-value (Early vs Middle): NA

p-value (Middle vs Later): NA

p-value (Early vs Later): NA

Region: Right-Parietal

Components processed: 7

p-value (Early vs Middle): 0.38547 (decrease)

p-value (Middle vs Later): 0.42763328 (increase)

p-value (Early vs Later): 0.80086927 (increase)