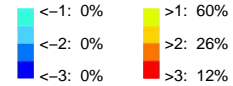


EEG ID: 989641
Test Date: 2022-08-08
Age: 43.0
Gender: Male
Montage: Linked Ears
Eyes Closed

Extreme Z-scores

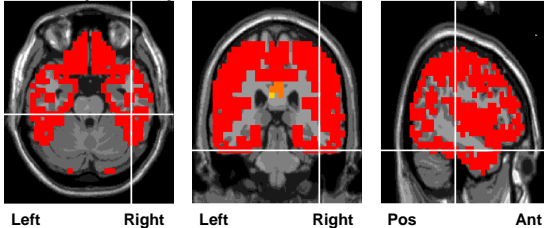
Delta: Z=6.4	2 Hz	BA: 20	hiBeta: Z=3.5	30 Hz	BA: 40
Theta: Z=5.8	5 Hz	BA: 10	Gamma: Z=3.2	35 Hz	BA: 40
Alpha: Z=4.4	12 Hz	BA: 11	Alpha1: Z=4.3	8 Hz	BA: 10
loBeta: Z=4.1	13 Hz	BA: 11	Alpha2: Z=4.4	12 Hz	BA: 11
Beta: Z=3.2	16 Hz	BA: 10			

Percentage Deviant Voxels (1-45Hz)



Delta (1-3Hz)

Z-score: 6.4, Frequency: 2 Hz



Brain Area:

Temporal Lobe
Fusiform Gyrus
Brodmann area 20

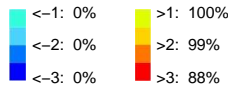
Function:

Memory
Auditory Processing

Possible Symptoms of Defect:

Unclear

Percentage Deviant Voxels Delta (1-3Hz)

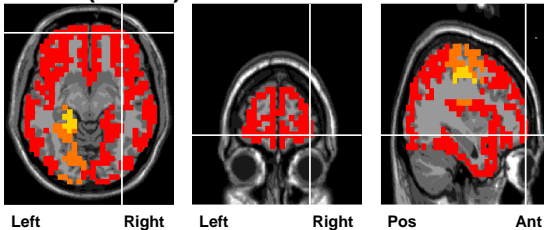


Online information:

https://en.wikipedia.org/wiki/Brodmann_area_20
www.fmriconsulting.com/brodmann/BA20.html

Theta (4-7Hz)

Z-score: 5.8, Frequency: 5 Hz



Brain Area:

Frontal Lobe
Middle Frontal Gyrus
Brodmann area 10

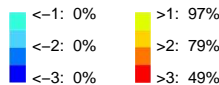
Function:

Strategic Processes
Memory Recall
Some Executive Functions
Executive Emotion And Planning

Possible Symptoms of Defect:

Executive Function Problems
Compulsive Thoughts or Behaviors
Impulsive
Oppositional
Concentration Problems
Amnesia
Aphasia
Anger Control Problems
Low Motivation
Mood Swings
Delusional
Failure to Initiate Actions
Obsessive Thoughts about Self
Multitasking Problems

Percentage Deviant Voxels Theta (4-7Hz)

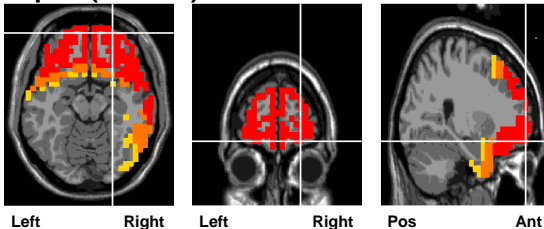


Online information:

https://en.wikipedia.org/wiki/Brodmann_area_10
www.fmriconsulting.com/brodmann/BA10.html

Alpha (8-12Hz)

Z-score: 4.4, Frequency: 12 Hz



Brain Area:

Frontal Lobe
Superior Frontal Gyrus
Brodmann area 11

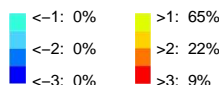
Function:

Planning
Reasoning
Decision making

Possible Symptoms of Defect:

Executive Function Problems
Disturbances of Mood or Thoughts
Impulsive
Oppositional
Apathy
Mutism
Aggression
Compulsion
Self-Image Issues
Derealization
Anger Control Problems
Low Motivation
Mood Swings
Delusional
Obsessive Thoughts about Self
Multitasking Problems

Percentage Deviant Voxels Alpha (8-12Hz)

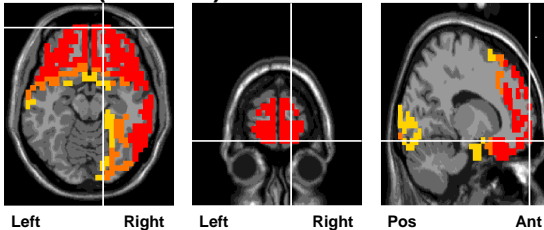


Online information:

https://en.wikipedia.org/wiki/Brodmann_area_11
www.fmriconsulting.com/brodmann/BA11.html

EEG ID: 989641
Test Date: 2022-08-08
Age: 43.0
Gender: Male
Montage: Linked Ears
Eyes Closed

loBeta (13–15Hz) Z-score: 4.1, Frequency: 13 Hz



Brain Area:

Frontal Lobe
Superior Frontal Gyrus
Brodmann area 11

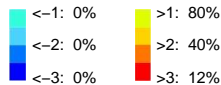
Function:

Planning
Reasoning
Decision making

Possible Symptoms of Defect:

Executive Function Problems
Disturbances of Mood or Thoughts
Impulsive
Oppositional
Apathy
Mutism
Aggression
Compulsion
Self-Image Issues
Derealization
Anger Control Problems
Low Motivation
Mood Swings
Delusional
Obsessive Thoughts about Self
Multitasking Problems

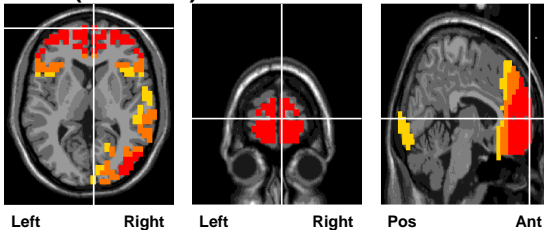
Percentage Deviant Voxels loBeta (13–15Hz)



Online information:

https://en.wikipedia.org/wiki/Brodmann_area_11
www.fmriconsulting.com/brodmann/BA11.html

Beta (16–20Hz) Z-score: 3.2, Frequency: 16 Hz



Brain Area:

Frontal Lobe
Medial Frontal Gyrus
Brodmann area 10

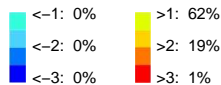
Function:

Strategic Processes
Memory Recall
Some Executive Functions
Executive Emotion And Planning

Possible Symptoms of Defect:

Executive Function Problems
Compulsive Thoughts or Behaviors
Impulsive
Oppositional
Concentration Problems
Amnesia
Aphasia
Anger Control Problems
Low Motivation
Mood Swings
Delusional
Failure to Initiate Actions
Obsessive Thoughts about Self
Multitasking Problems

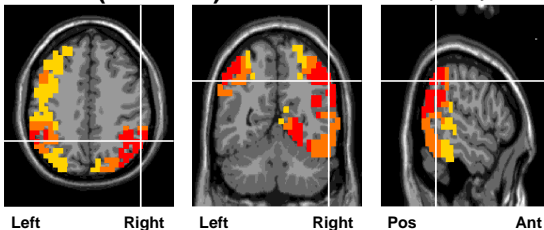
Percentage Deviant Voxels Beta (16–20Hz)



Online information:

https://en.wikipedia.org/wiki/Brodmann_area_10
www.fmriconsulting.com/brodmann/BA10.html

hiBeta (21–34Hz) Z-score: 3.5, Frequency: 30 Hz



Brain Area:

Parietal Lobe
Inferior Parietal Lobule
Brodmann area 40

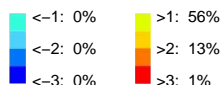
Function:

Somatosensory

Possible Symptoms of Defect:

Fibromyalgia
Migraines
Slow Reading
Difficulty with Social Cues (R)
Dyscalculia
Dyslexia (L)
Agnosia (R)
Denial (R)
Letter Perception Problems (L)
Insensitive to Others' Emotional Expressions (R)
Receptive Language Problems (L)
Facial Recognition Problems
Spatial Orientation Problems (R)
Poor Social Skills (R)

Percentage Deviant Voxels hiBeta (21–34Hz)

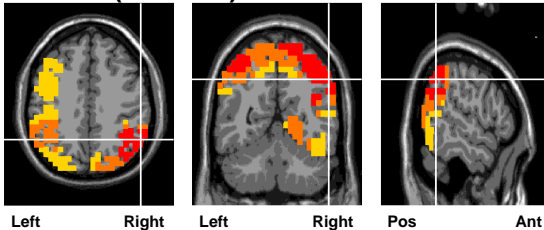


Online information:

https://en.wikipedia.org/wiki/Brodmann_area_40
www.fmriconsulting.com/brodmann/BA40.html

EEG ID: 989641
Test Date: 2022-08-08
Age: 43.0
Gender: Male
Montage: Linked Ears
Eyes Closed

Gamma (35–45Hz) Z-score: 3.2, Frequency: 35 Hz



Brain Area:

Parietal Lobe
Inferior Parietal Lobule
Brodmann area 40

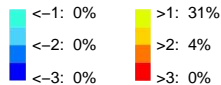
Function:

Somatosensory

Possible Symptoms of Defect:

Fibromyalgia
Migraines
Slow Reading
Difficulty with Social Cues (R)
Dyscalcula
Dyslexia (L)
Agnosia (R)
Denial (R)
Letter Perception Problems (L)
Insensitive to Others' Emotional Expressions (R)
Receptive Language Problems (L)
Facial Recognition Problems
Spatial Orientation Problems (R)
Poor Social Skills (R)

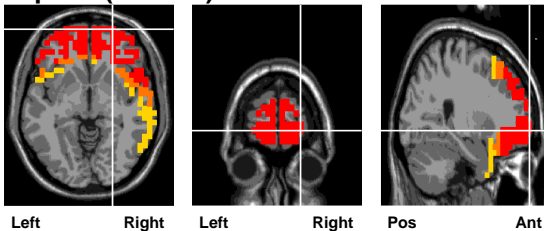
Percentage Deviant Voxels Gamma (35–45Hz)



Online information:

https://en.wikipedia.org/wiki/Brodmann_area_40
www.fmriconsulting.com/brodmann/BA40.html

Alpha1 (8–10Hz) Z-score: 4.3, Frequency: 8 Hz



Brain Area:

Frontal Lobe
Superior Frontal Gyrus
Brodmann area 10

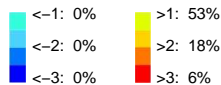
Function:

Strategic Processes
Memory Recall
Some Executive Functions
Executive Emotion And Planning

Possible Symptoms of Defect:

Executive Function Problems
Compulsive Thoughts or Behaviors
Impulsive
Oppositional
Concentration Problems
Amnesia
Aphasia
Anger Control Problems
Low Motivation
Mood Swings
Delusional
Failure to Initiate Actions
Obsessive Thoughts about Self
Multitasking Problems

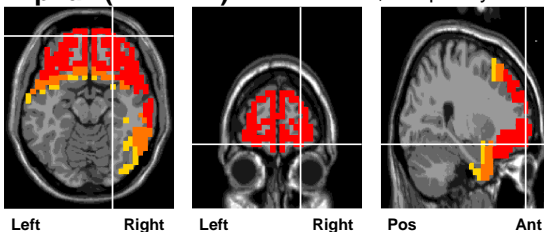
Percentage Deviant Voxels Alpha1 (8–10Hz)



Online information:

https://en.wikipedia.org/wiki/Brodmann_area_10
www.fmriconsulting.com/brodmann/BA10.html

Alpha2 (11–12Hz) Z-score: 4.4, Frequency: 12 Hz



Brain Area:

Frontal Lobe
Superior Frontal Gyrus
Brodmann area 11

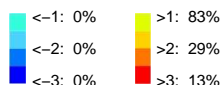
Function:

Planning
Reasoning
Decision making

Possible Symptoms of Defect:

Executive Function Problems
Disturbances of Mood or Thoughts
Impulsive
Oppositional
Apathy
Mutism
Aggression
Compulsion
Self-Image Issues
Derealization
Anger Control Problems
Low Motivation
Mood Swings
Delusional
Obsessive Thoughts about Self
Multitasking Problems

Percentage Deviant Voxels Alpha2 (11–12Hz)



Online information:

https://en.wikipedia.org/wiki/Brodmann_area_11
www.fmriconsulting.com/brodmann/BA11.html