

Markers of PTSD

-- Prolonged hyper-reactivity to perceived threat as a result of trauma experience.

	Disposition	Emotion	Feeling	Thinking	Self Regulation
PTSD	5HTT ⁴ ↓ Hippocampal Gray Matter ^{4,5}	↑ Amygdala and MPFC Activity in Fear Processing ^{4,6}		↓ Verbal Memory ^{1,2,3} ↓ Working Memory ^{1,2,3} ↓ Attention ^{1,2,3} ↓ Executive Function ³ Delayed and More Variable RT ^{1,2} ↓ Alpha ³ ↑ Theta/Alpha Ratio ³ ↓ ERPs (P300) ^{1,2,3} ↓ Delayed N200 Latency ² ↑ Autonomic Arousal ¹	↑ Negativity Bias ⁴

ERP P300 for Working Memory and Attention tasks

ERP N200 for Auditory Oddball tasks

PTSD References

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