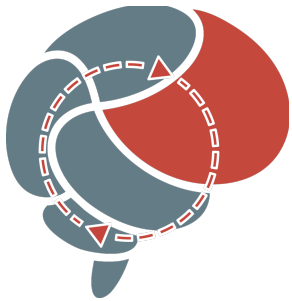


What do my scores mean?



Speed

NORMAL RANGE: 80-100

Tests white matter integrity and frontal-parietal pathways

Uses Results from:
REACTION TIME

Normative Raw Scores:
Reaction Time: 180-200ms

A poor **speed** score can be due to any condition causing disruption of white matter integrity (ie TBI, MS and other neurodegenerative condition).



Accuracy

NORMAL RANGE: 80-100

Tests functional integrity in the parietal lobe

Uses Results from:
**AMPLITUDE
DISCRIMINATION**

Normative Raw Scores:
Amp Discrim: 20-50µm

A poor **accuracy** score can be due to systemic hyperactivity in the cerebral cortex or an imbalance in excitation/inhibition, or more simply stated, lower than normal inhibition or greater than normal activity.



Timing Perception

NORMAL RANGE: 80-100

Tests cortical-cerebellar circuitry

Uses Results from:
**DURATION
DISCRIMINATION**

Normative Raw Scores:
Dur Discrim: 30-60ms

A poor **timing perception** score has been found to be consistent with migraine, non-headache chronic pain, and traumatic insult to the cerebellum.



Fatigue

NORMAL RANGE: 80-100

Tests white matter integrity and frontal-parietal pathways

Uses Results from:
REACTION TIME

Normative Raw Scores:
Reaction Time: 180-200ms

A poor **fatigue** score is due to performance degradation between the first and second reaction time test at the beginning and end of each battery.



TOJ

NORMAL RANGE: 80-100

Tests the frontal-striatal cortex

Uses Results from:
TEMPORAL ORDER JUDGEMENT

Normative Raw Scores:
TOJ: 15-30ms

A poor **TOJ** score can be due to conditions such as autism, migraine, chronic pain, traumatic insult to the frontal-striatal area, and other neurodegenerative disorders..



Focus

NORMAL RANGE: 80-100

Tests attentional function and the frontal lobe

Uses Results from:
REACTION TIME

Normative Raw Scores:
RT Variability: 15-30ms

A poor **focus** score has been found to be consistent with migraine, non-headache chronic pain, and traumatic insult to the cerebellum



Plasticity

NORMAL RANGE: 80-100

Systemic Test

Uses Results from:
**AMPLITUDE & DURATION
DISCRIMINATION**

Normative Raw Scores:
Seq Amp Discrim: 20-50 μ m
Simult Amp Discrim: 20-50 μ m
Dur Discrim: 30-60ms

Poor **plasticity** scores have been observed in patients with chronic pain (ie migraine), neurodegenerative problems and traumatic insults, particularly to the parietal lobe.



Connectivity

NORMAL RANGE: 80-100

Systemic Test

Uses Results from:
**TEMPORAL ORDER
JUDGEMENT & CARRIER**

Normative Raw Scores:
TOJ: 15-30 ms

A poor **connectivity** score can be due to poor coordination and has been observed in patients with autism spectrum disorder.



corticalmetric

NORMAL RANGE: 80-100

The cortical metric score summarizes overall brain health, using results from all of the tests.

A poor **corticalmetric** score reflects poor performance on any or all of the tests.