

Ready, Set, Neuro!

Kinesiology Lab Days

Recording Sheet

Experiment 1A, 1B - Simple Visual and Auditory RT Test (ms)

Visual: <https://humanbenchmark.com/tests/reactiontime>

Auditory: <https://playback.fm/audio-reaction-time>

Stimulus Condition	Trial					Average RT (ms)
	1	2	3	4	5	
Visual						
Auditory						

Experiment 2 - Simple and Choice RT Test (ms)

https://www.psychtoolkit.org/lessons/experiment_simple_choice_rts.html

Task Complexity	Average Response Time (ms)
Simple Task	
Choice Task	

Experiment 3 - Fitts' Tapping Task

<http://ergo.human.cornell.edu/FittsLaw/FittsLaw.html>

Conditions									
	W:16 A:128	W:16 A:256	W:16 A:512	W:32 A:128	W:32 A:256	W:32 A:512	W:64 A:128	W:64 A:256	W64: A:512
Mean MT (ms)									

Experiment 4 - Single Task (ST)

Part 1:

Walking Time (s)	ST Gait Speed = (walking distance (m) / walking time (s))

Experiment 4 - Dual Task (DT)

Part 2:

Walking Time (s)	DT Gait Speed	Dual-Task Cost = [(DT Gait Speed - ST Gait Speed) / ST Gait Speed] x 100