ML3H1 Pseudocode

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Algorithm 1 ML3H1 1: procedure ML3H1	
3:	Request participant demographics
4:	Use data from demographics to determine dominant and non-dominant hand
5:	Non-dominant hand is set to left by default
6:	if The subject's dominant hand is left then
7:	Non-dominant hand is right
8:	else if The subject is ambidextrious then
9:	The dominant hand is set to right
10:	Request input for how many trials to run
11:	Notify subject to use dominant hand first
12:	Run HRTRIAL with the created object, dominant hand, and amount of trials entered
13:	Notify subject to use non-dominant hand first
14:	Run HRTRIAL with the created object, non-dominant hand, and amount of trials
	entered
15:	Run HRAVERAGES to retrieve class set averages
16:	Calculate averages of subject and print out comparisons to class set
17:	procedure HRTRIAL
18:	if The subject is right-handed then
19:	Set full hand name to right (instead of "r")
20:	for i from 1 to the amount of trials do
21:	Run a single reaction test
22:	Record results
23:	Upload datapoint
24:	Return a matrix with all three reaction test data
25:	procedure HRAVERAGES
26:	Retrieve class data set
27:	Convert table to an array
28:	for i from 1 to the height of the matrix do
29:	if The subjects dominant hand is the same as test hand, or if subject is ambidex-
	trous then
30:	Add data to dominant count
31:	Increase number of dominant datapoints by one
32:	else
33:	Add data to non-dominant count
34:	Increase number of non-dominant datapoints by one
35:	Return mean of dominant and non-dominant class set averages