Scientific Investigations Using Computation: ICA (In-Class Assessment) 1 (24 February 2022) Name/Pledged						
			In cla	In class: No open notes, nor use of computer/web resources		
			After: Any resources you choose, including office hours. Submit as PDF by 6 pm Monday 28 Feb			
1.	We have asserted since the first class that almost any description of modern science can be simplified down to three inter-related actions of the human person. Do you recall what these are?					
2.	A model that has at least one element of randomness can be described as:					
3.	A model whose behavior depends solely on its parameter values and the initial conditions, yielding the same result each time, can be described as					
4.	For the purposes of this course, define "investigation." Where does the word "investigation" come from?					
5.	List at least four characteristics that could transform an "investigation" into a "scientific investigation"?					

6.	What are some of the uses of computation that we have used already – especially in lab— to facilitate a scientific investigation?
7.	There are 5 apples on a table. You take away 3. How many apples do you have?
8. Consider a dataset from an experiment of a large number (N) of inder observations. In words, briefly describe what each of the following <i>measures</i> or <i>predicts</i> with respect to that dataset:	
	a. Average
	b. Standard Deviation
	c. Standard Error

9. (<i>non-graded</i>) The course has now completed its three weeks.			
a.	What are some things –new to you– that you have learned so far?		
b	What are some things that you would like to learn before the course is		
	over?		