

Announcements



- HW04
 - Due Tuesday (03/01)
- Lab 4 this week (posted tonight)
- Checkpoint/Project 1:
 - Paired assignment that covers the previous section of the course material
 - Due Thursday 03/03



Control Statements



These statements *control* the sequence of computations that are performed

The keywords if and for begin control statements

 The purpose of if is to define functions that choose different behavior based on their arguments

Control and Treatment



treatment group

- control group
- How do we determine causality?



Random Selection



np.random.choice

- Selects at random
- With replacement
- From an array
- A specific number of times

np.random.choice(some_array, sample_size)



A Longer Array



- np.append(array_1, value):
 - new array with value appended to array_1
 - value has to be of the same type as elements of array_1
- np.append(array_1, array_2):
 - new array with array_2 appended to array_1
 - Elements of array_2 have to be of the same type as elements of array_1



for statements



- for is a keyword that begins a control statement
- The purpose of for is to perform a computation for every element in a list or array