

Reading & Homework assignment!

- You want to determine how different types of control will affect how many people will die of Cholera in Haiti.
- Using Harris et al 2012 Lancet paper (and other sources if you want), build a model for Cholera (boxes and arrows), including
 - What host categories/classes should be included?
 - What processes should be included to account for movement of hosts between classes?
 - Which parameters/rates do you have data to estimate from the paper?
 - What information is missing that is needed to build model and estimate rates?
 - Write down all assumptions and sources of information (including page numbers from Harris paper, or other sources) for each assumption or parameter estimate; define all classes and parameters and processes
- Extra credit:
 - Incorporate control measures into your model as processes – what effect does it have?
- Working in groups of up to 2 is ok; put both names on HW when turning it in
- Must be turned in at beginning of next class to get credit