1. Abstract
   1. One paragraph
2. Intro
   1. Research question
      1. Discerning the behavior of mutations and their effects on the population.
   2. How the simulation works
3. Chance of mutation
   1. Bernoulli distribution
   2. 2/25 chance
4. Covariance of the population means for the following sets
   1. Do the mutating variables mutate independently?
      1. Food quality
      2. Reproduction limit
      3. Energy burn rate
5. Finding population mean
   1. Does mutation increase the holding capacity of the board?
      1. Find difference in population CI from time 0 to time ½ to time 1
      2. Confidence interval
      3. Normal distribution from generational populations
      4. Board has a limited holding capacity
         1. Holding capacity = Population mean/(resolution^2)
6. Discussion
7. Conclusion