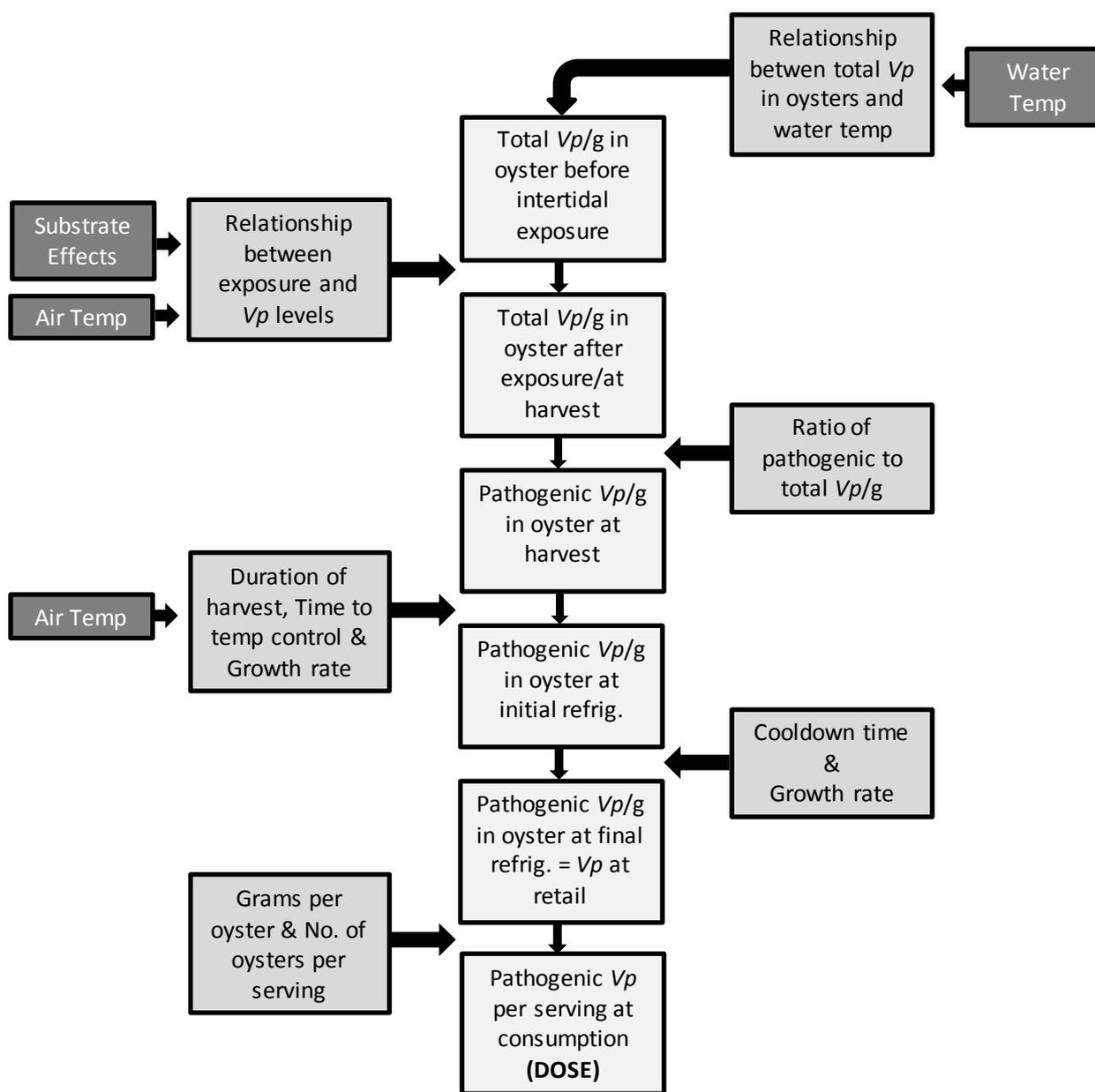


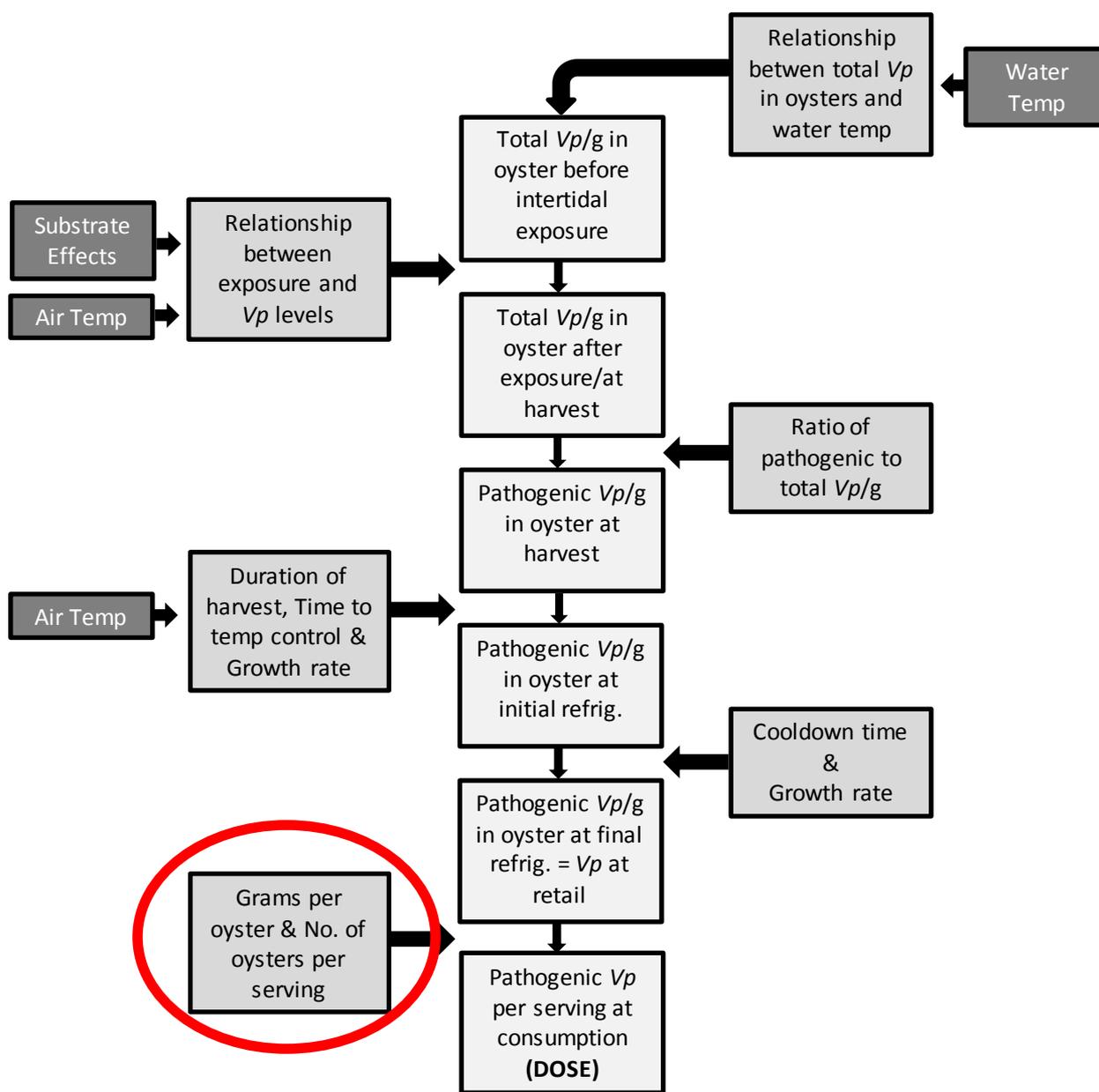
Risk Assessment Progress Update

Hilary Browning
Office of Shellfish and Water Protection
July 29, 2014



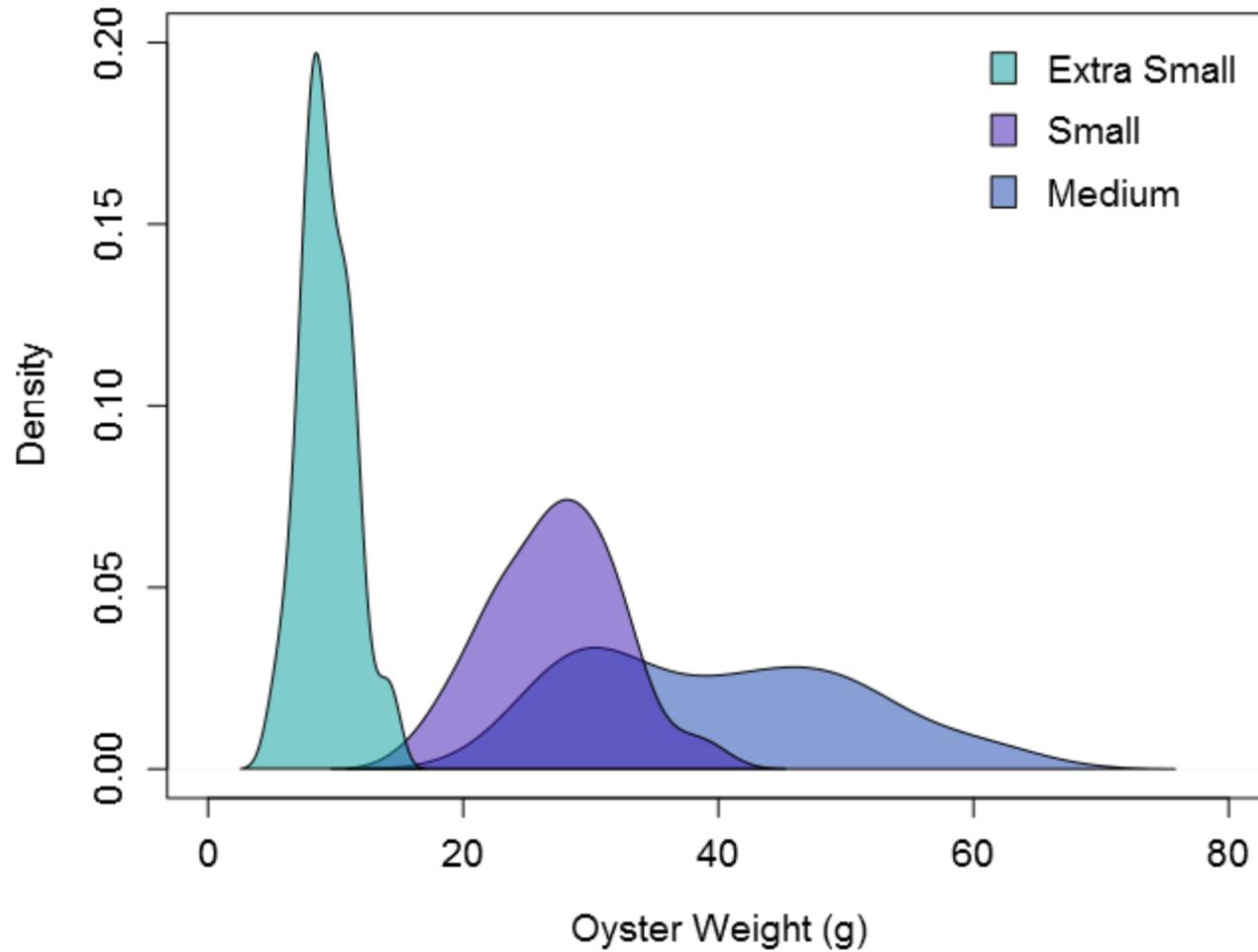
Public Health – Always Working for a Safer and Healthier Washington





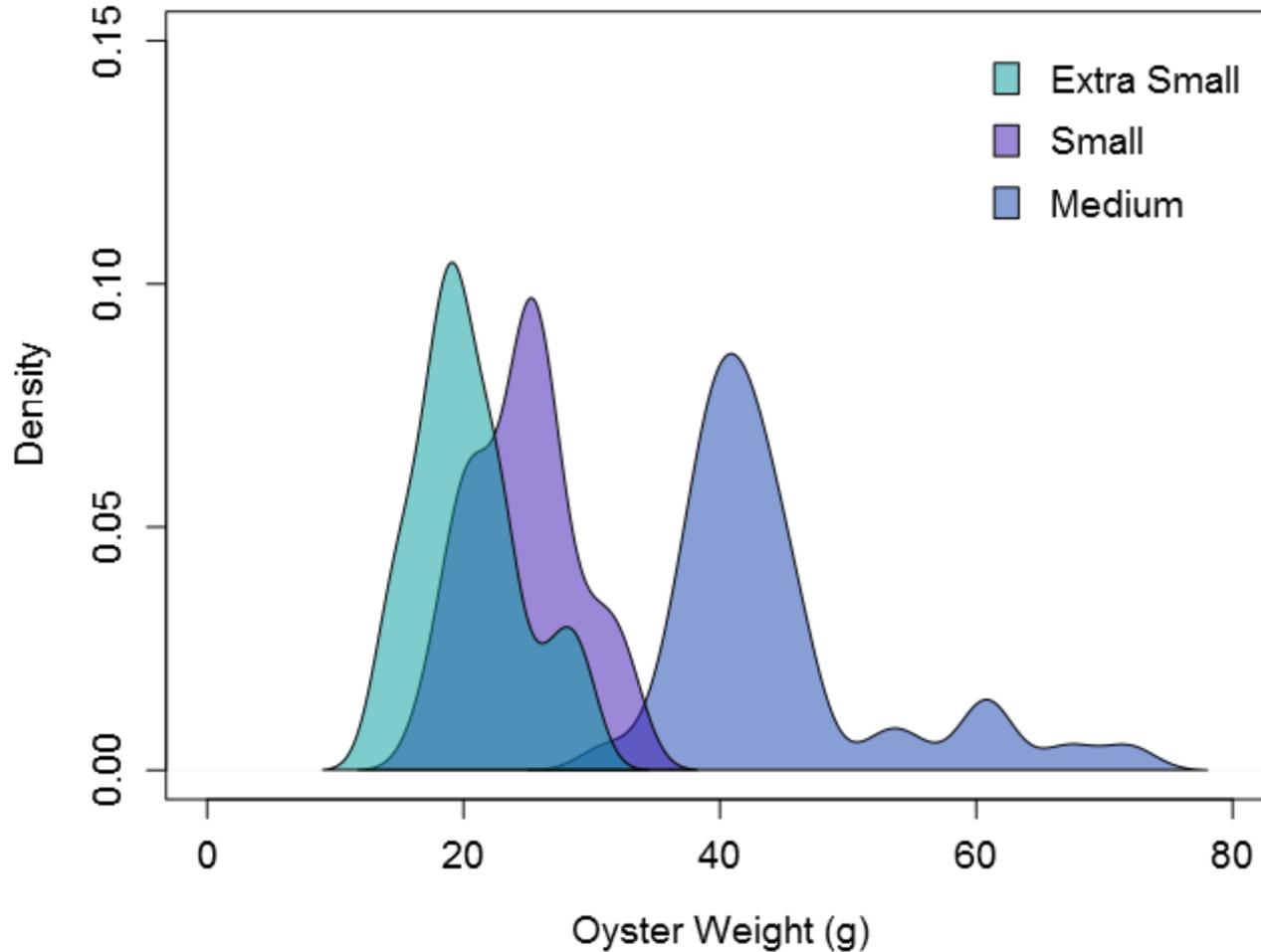
Oyster Weights

Batch 1



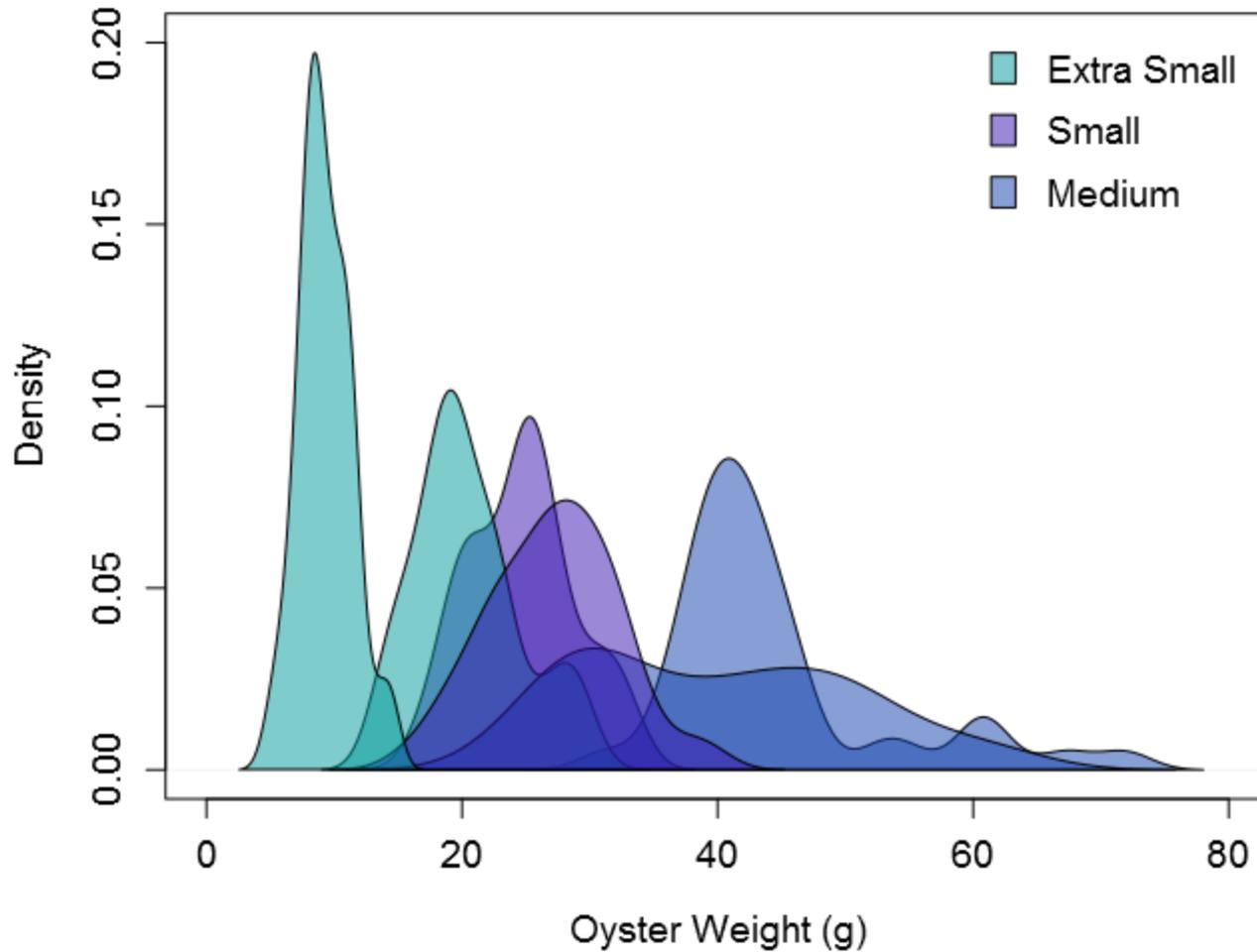
Oyster Weights

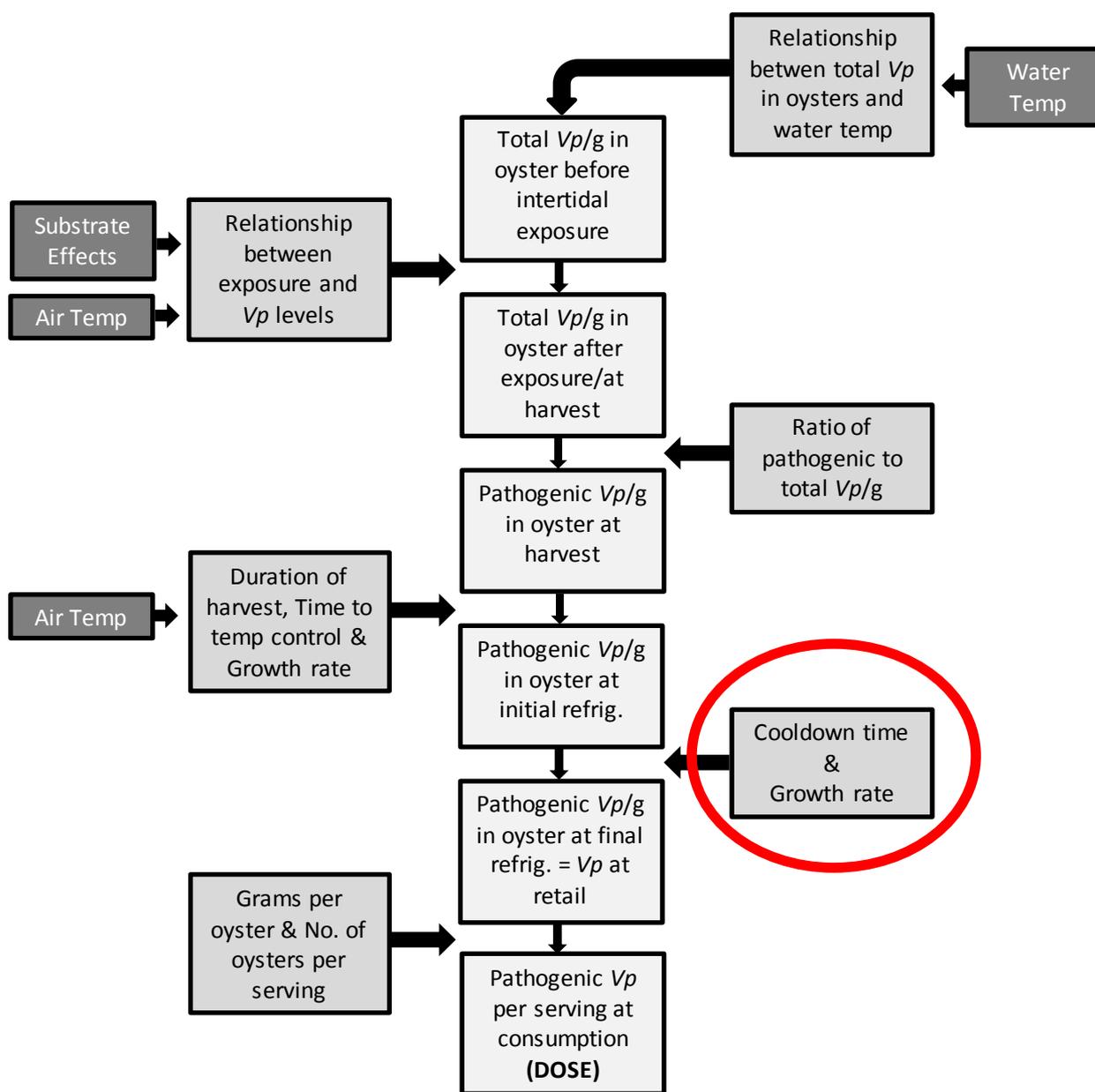
Batch 2



Oyster Weights

Both

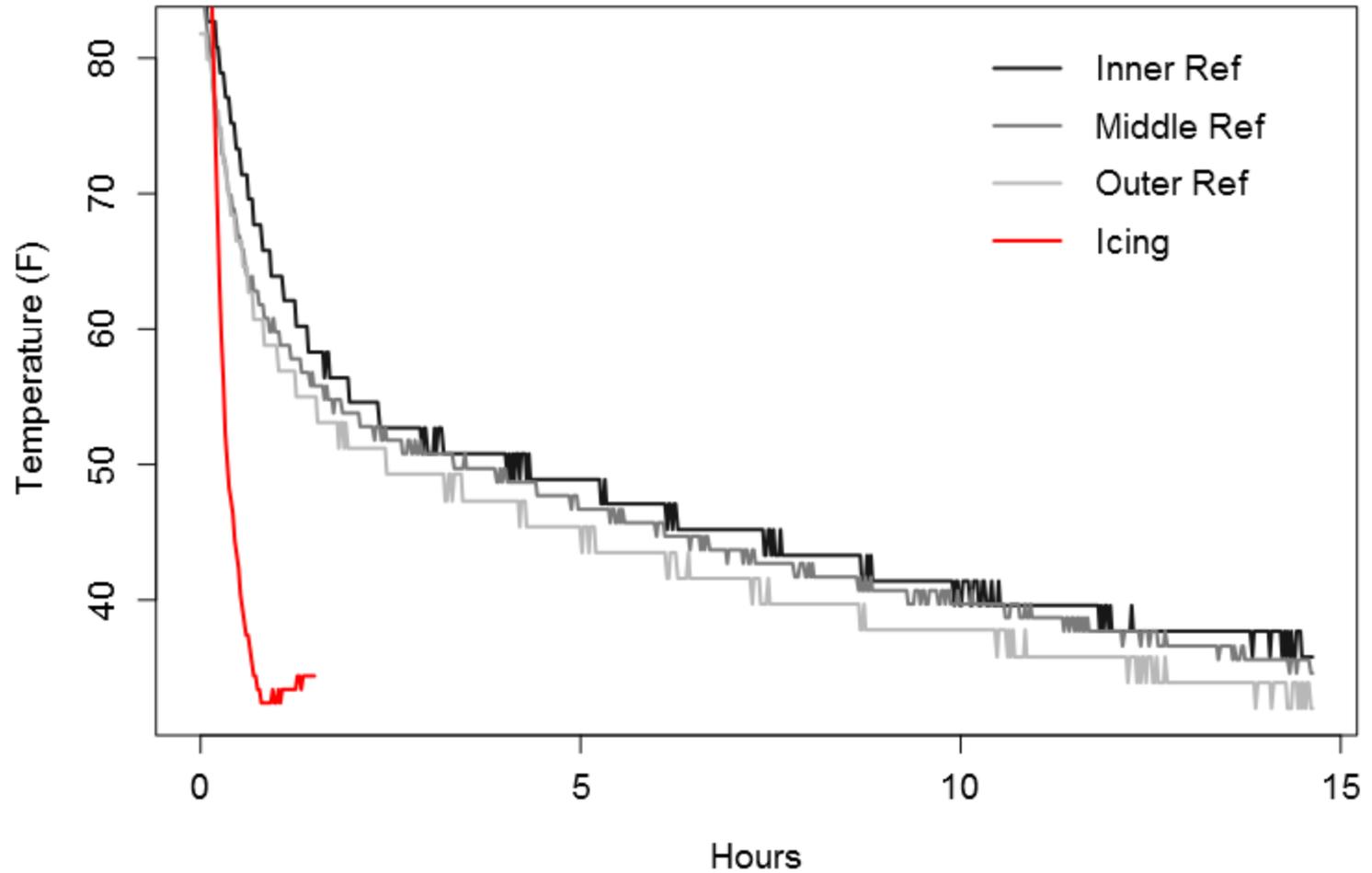




Cool Down

- ▶ Data came from 1999 report to ISSC on the effect of rapid chilling on *V. vulnificus* populations
- ▶ Original data contains:
 - 3 trials for conventional refrigeration
 - With inner, middle and outer data loggers
 - 2 trials for rapid chilling with ice bath

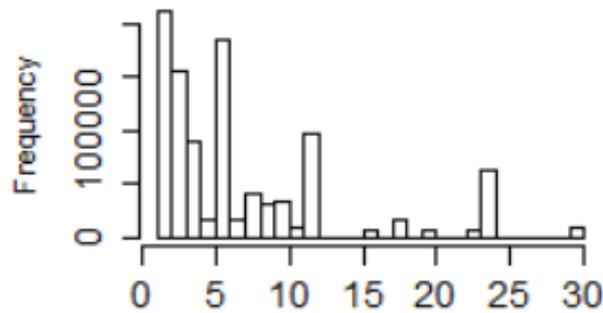
Cool Down with Refrigeration and Ice Bath



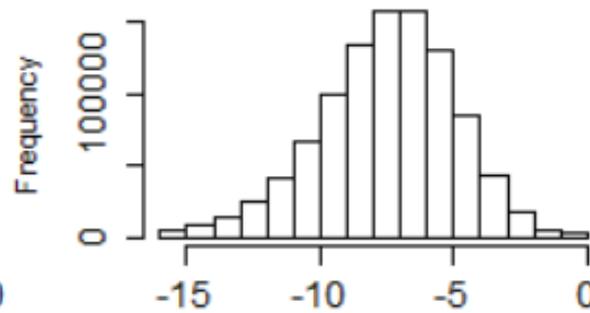
Structural Progress

- ▶ Working with an FDA statistician to ensure work is accurate and makes sense
- ▶ Setting up code into two “easy”-to-use files that:
 - Minimize the time it takes to run different scenarios
 - Can easily generate new plots each time
 - Include placeholders of how to incorporate new data like landings and the substrate study

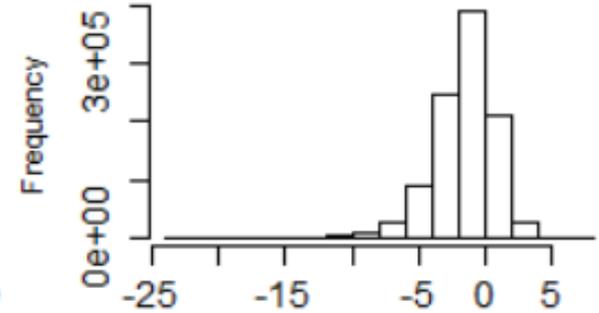
Example Output



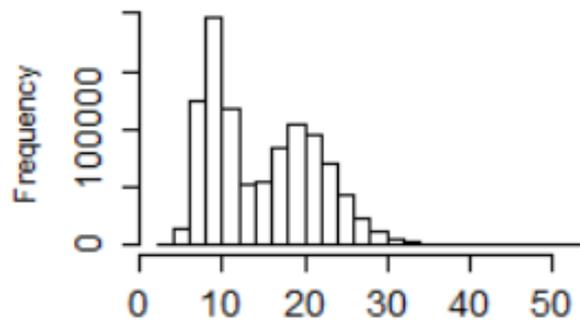
Serving



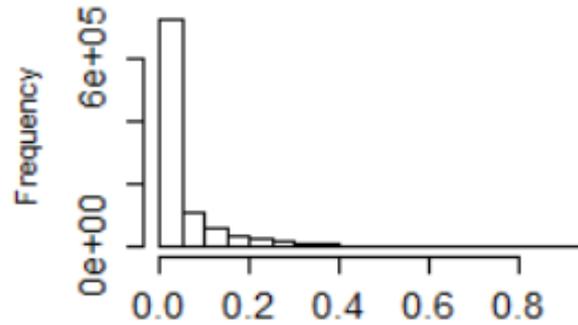
log.Dose



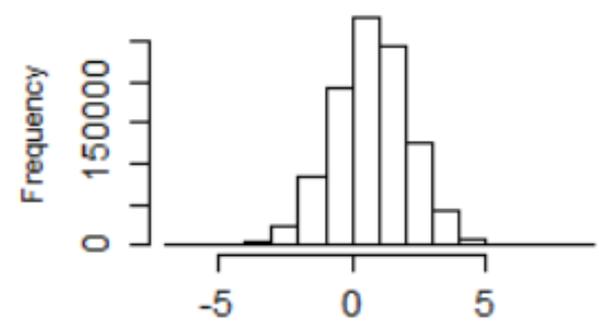
log.Nt.final



Weight

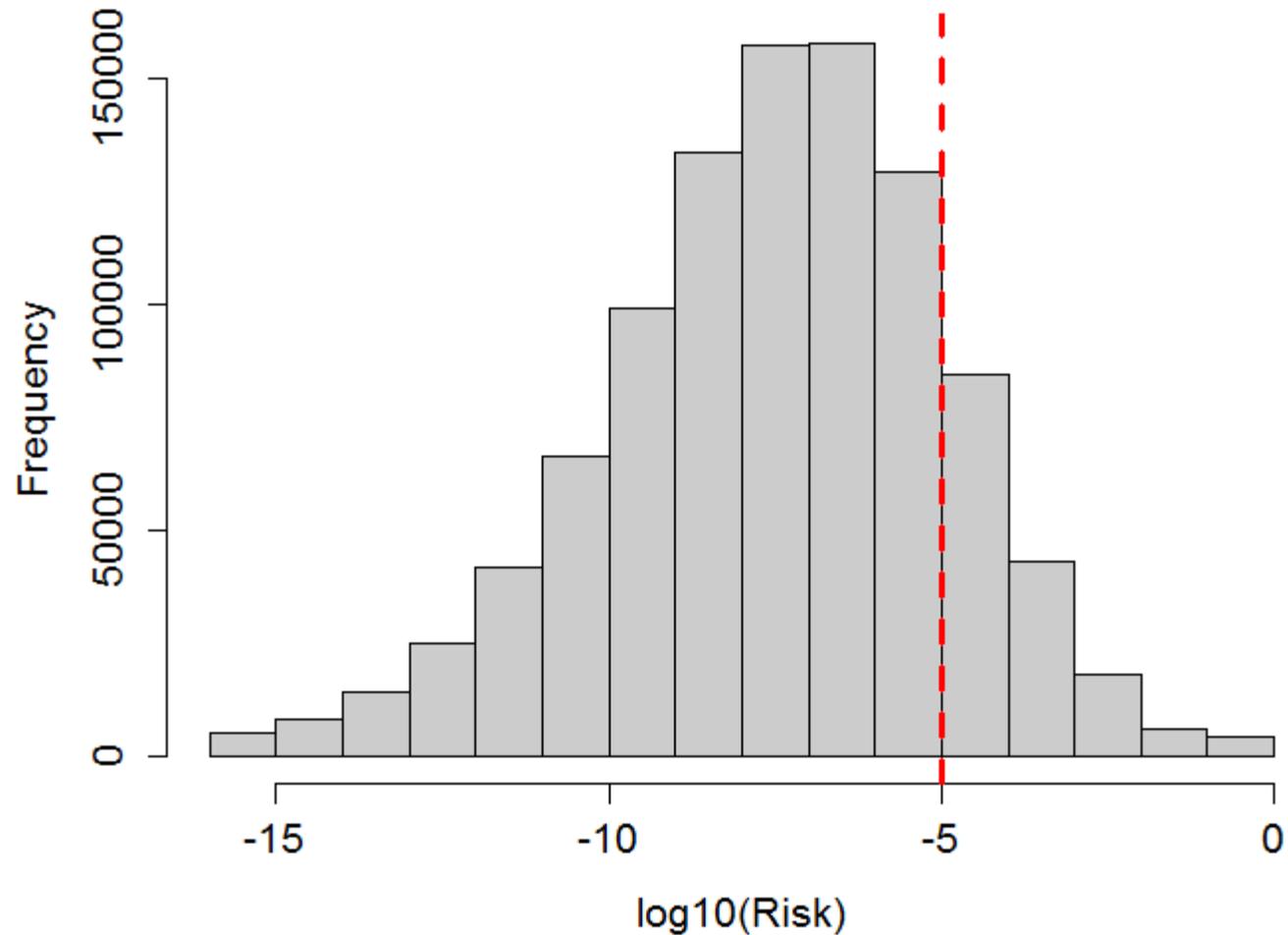


Patho.ratio

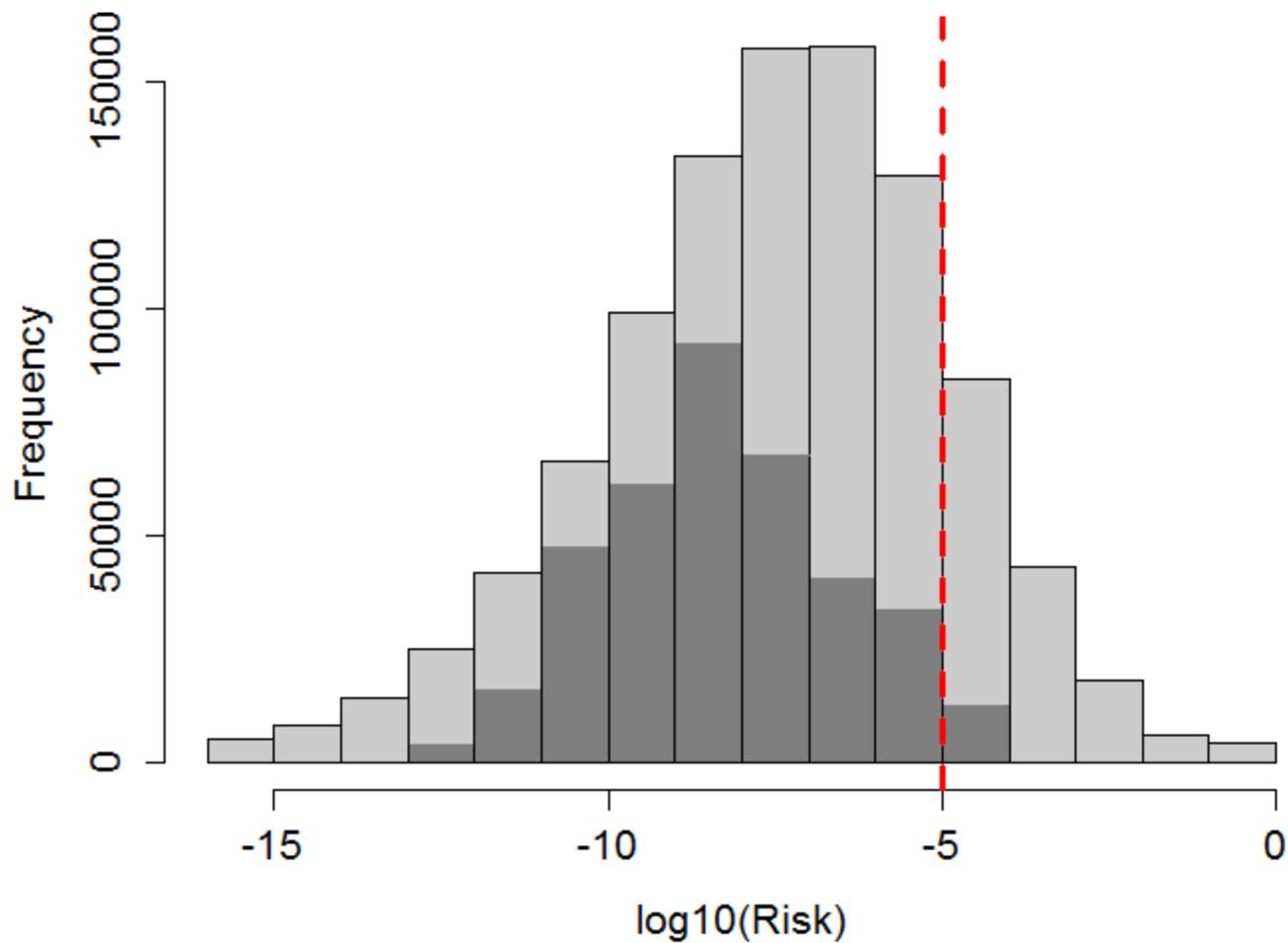


log.Initial

Example Output



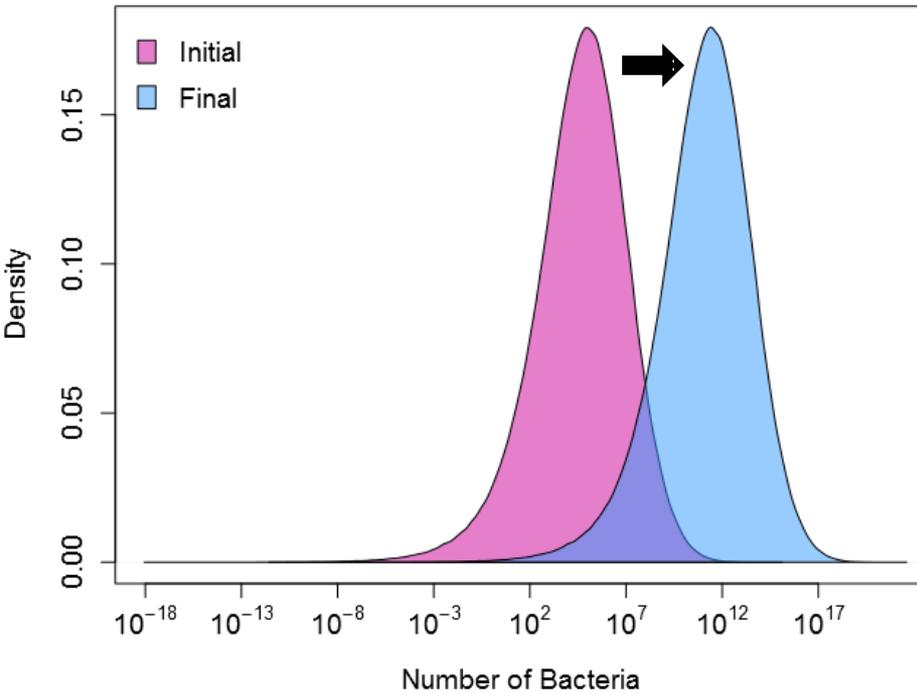
Example Output



Worst Case

Initial median = $10^{4.8}$

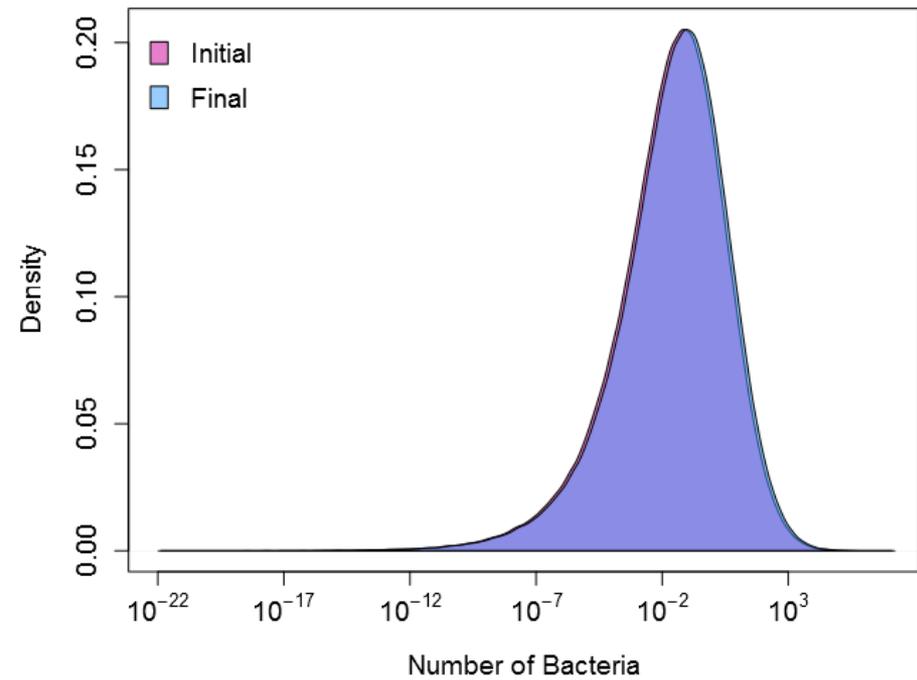
Final median = $10^{11.2}$



Best Case

Initial median = $10^{-1.5}$

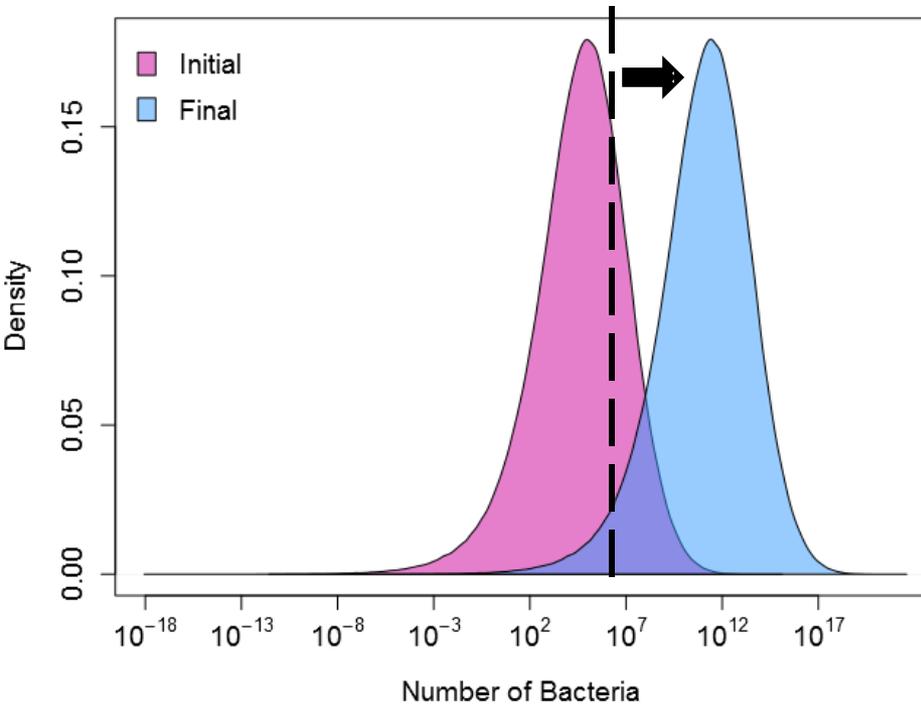
Final median = $10^{-1.4}$



Worst Case

Initial median = $10^{4.8}$

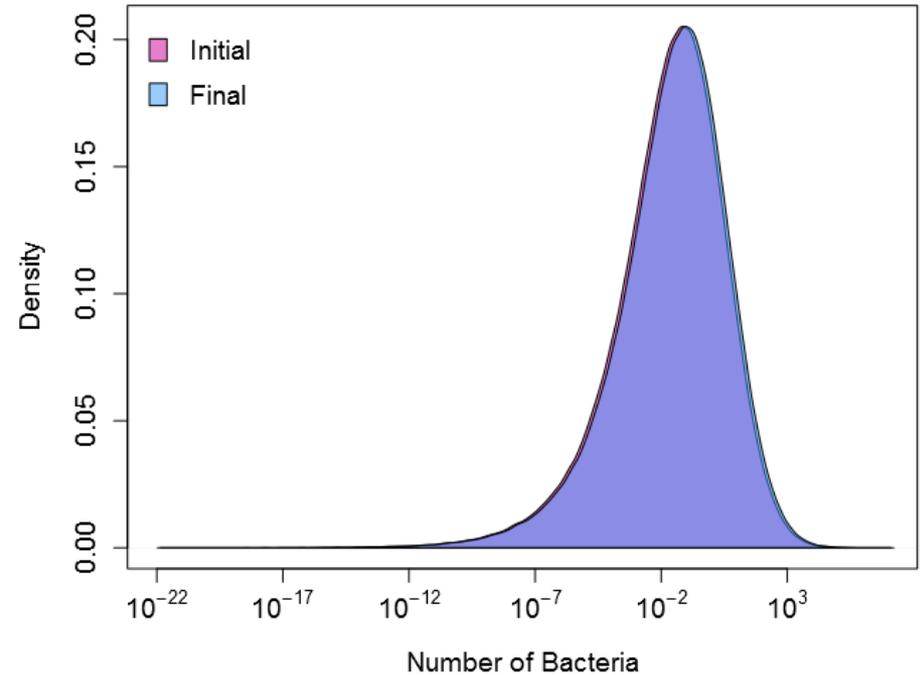
Final median = $10^{11.2}$



Best Case

Initial median = $10^{-1.5}$

Final median = $10^{-1.4}$



Thank You

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(360)236-3346



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