

# Assignment 2

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This are the four tools that I used to structure my hypothesis.

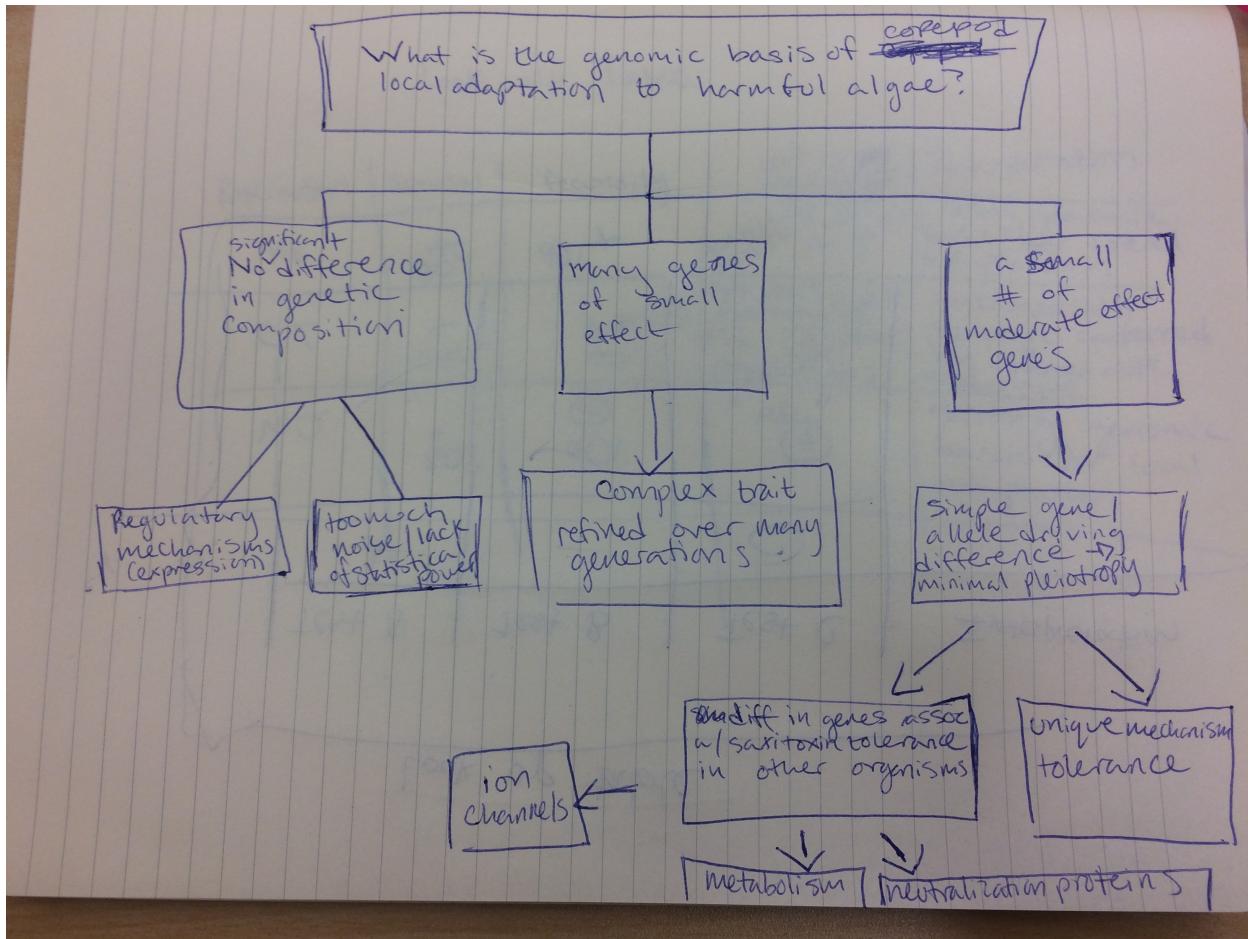


Figure 1: Logic Tree

Population	Survival	fecundity	diff in allele freq enriched in + genes for diff + genes	Interpretation
ME	+ 100%	90% +	not really diff from one of the other populations	Strong genomic basis for local adaptation
CT	+ 100%	? + - 70%	"ME"	intermediate phenotype conferred by intermediate genotype
NJ	+ 80%	(-) 40%		Strong genomic basis for local adaptation

Figure 2: Look up Table

### Mock Data

null: There is no genomic basis  
for local adaptation of  
copepods to harmful algae.

MINH: Differences in toxin tolerance  
are driven by differences in  
protein structure, not conferred  
by amino acid change.

Figure 3: Mock Data

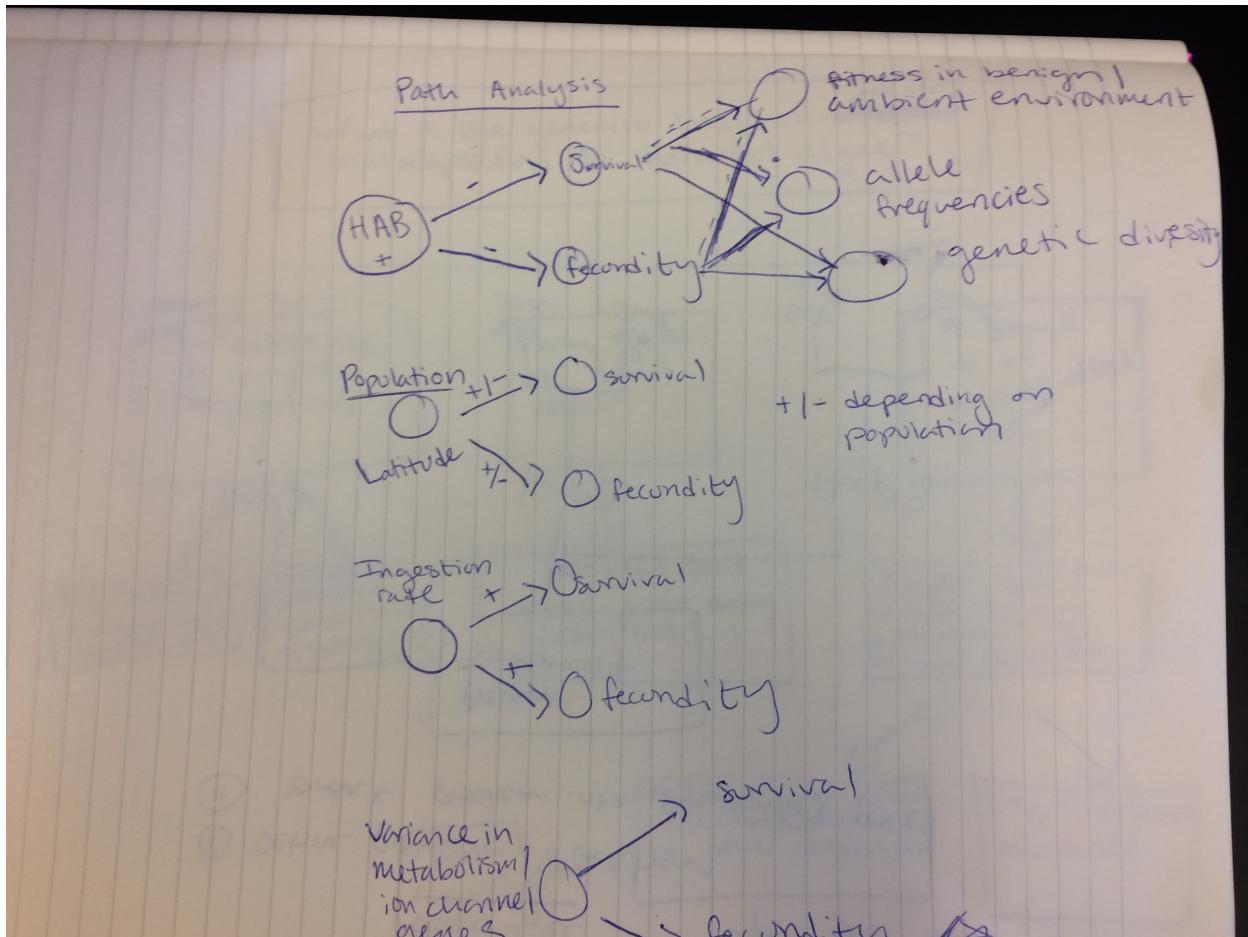


Figure 4: Path Analysis