

QUESTION 1: Briefly explain how Geonomics works and compare the models we built and ran (one without

Q1: YOUR RESPONSE HERE

QUESTION 2: What can you say about gene flow among individuals of this species from the plot of gene

Q2: YOUR RESPONSE HERE

QUESTION 3: What was the influence of the rise of this barrier (a vicariance event) on gene flow and

Q3: YOUR RESPONSE HERE

QUESTION 4: How can you tell natural selection is acting on the population? Use evidence from the pl

Q4: YOUR RESPONSE HERE

QUESTION 5: Give an example of a condition that needs to be met for the genetic divergence of these p

Q5: YOUR RESPONSE HERE

QUESTION 6: Which parameter did you change? What effect does this have and what change did you expect

Q6: YOUR RESPONSE HERE

QUESTION 7: What do the results suggest? Use evidence from the plots of the simulation to formulate y

Q7: YOUR RESPONSE HERE

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In [ ]: # run this cell to generate your final plots for grading.  
mod.plot_phenotype(spp=0, trt=0)
```

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In [ ]: # run this cell to generate your final plots for grading.  
plot_PCA(mod)  
map_PCA(mod, lyr_num=1, mask=False)
```