

*****ANSWER ALL QUESTIONS IN YOUR NOTEBOOK*****

Observing Fur Traits and Temperature in the Sim

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Goal: Observe why the distribution of fur traits changes over time.

Do:

- Open the *Natural Selection* Simulation and open the mode: Fur and Temperature A.
- Change the temperature of the environment to cold (Level 1) by moving the Temperature slider.
- Press RUN and observe the population for at least 50 generations.
- Press ANALYZE and compare starting and ending histograms.

Tip:

- If there is time, press the Reset button and repeat your test to see if you observe the same changes each time.

1. Why do you think the distribution of fur traits changed over time?

2. Which trait became more common over time? Why do you think this happened?
