

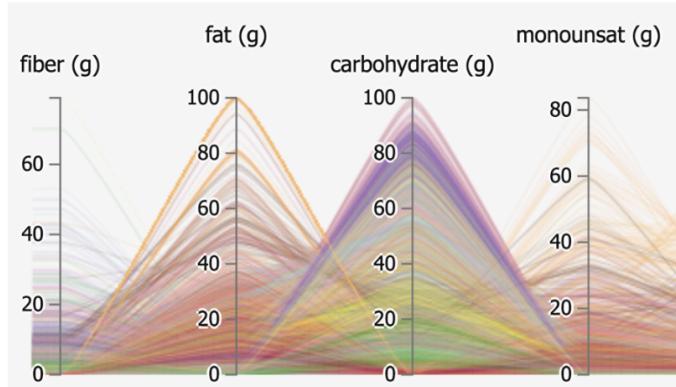
Understand - Formative Assessment

Note: You must score above 80% to qualify for the Summative Assessment.

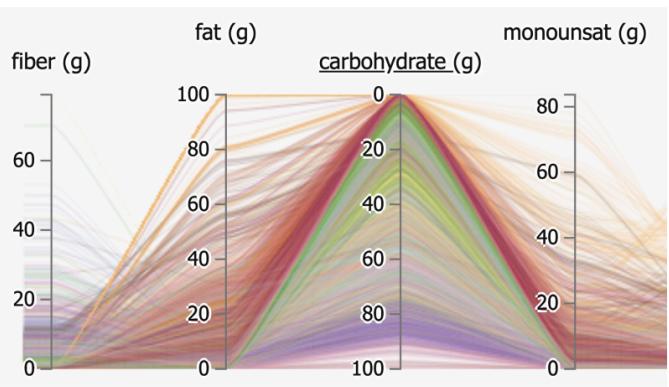
Question 1:

What would you say is the difference between the following two charts (a) and (b)?

(a)



(b)



They both look the same

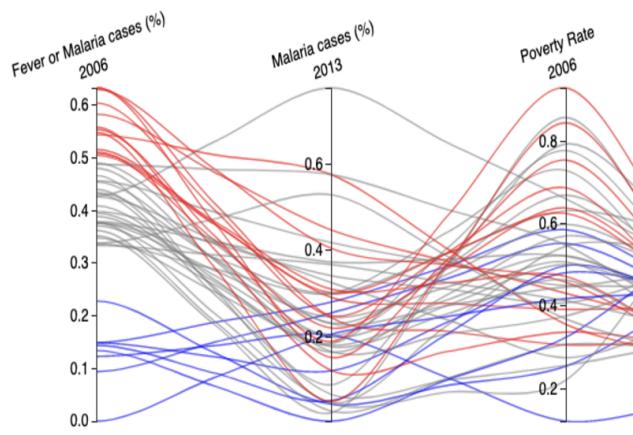
The carbohydrate(g) axis is flipped

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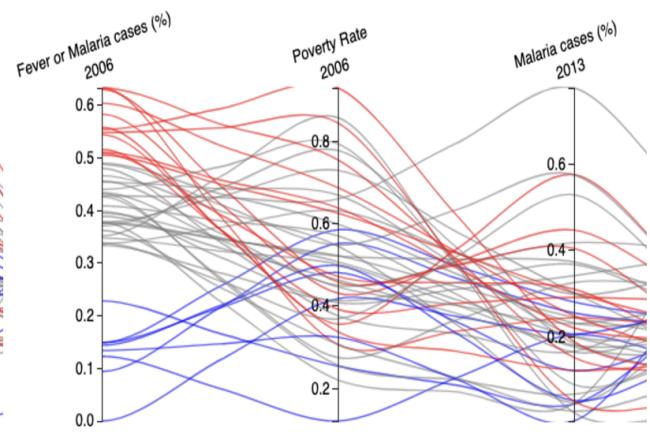
Question 2:

What would you say is the difference between the following two charts (a) and (b)?

(a)



(b)



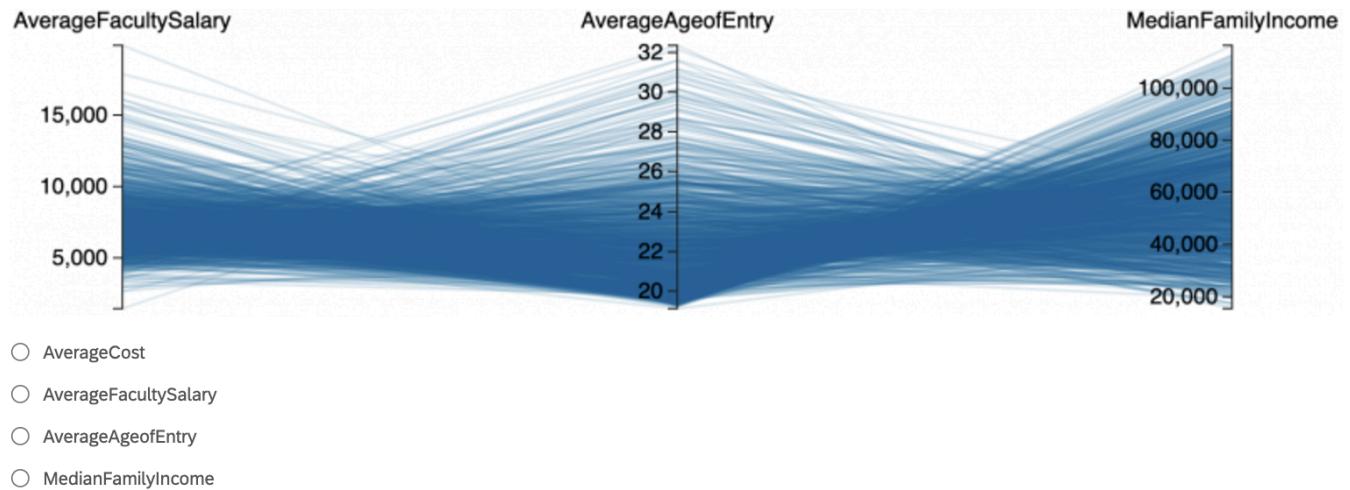
They both look the same

The Malaria cases (%) and the Poverty Rate axes have been reordered

The Fever or Malaria cases (%) and Poverty Rate Axes have been reordered

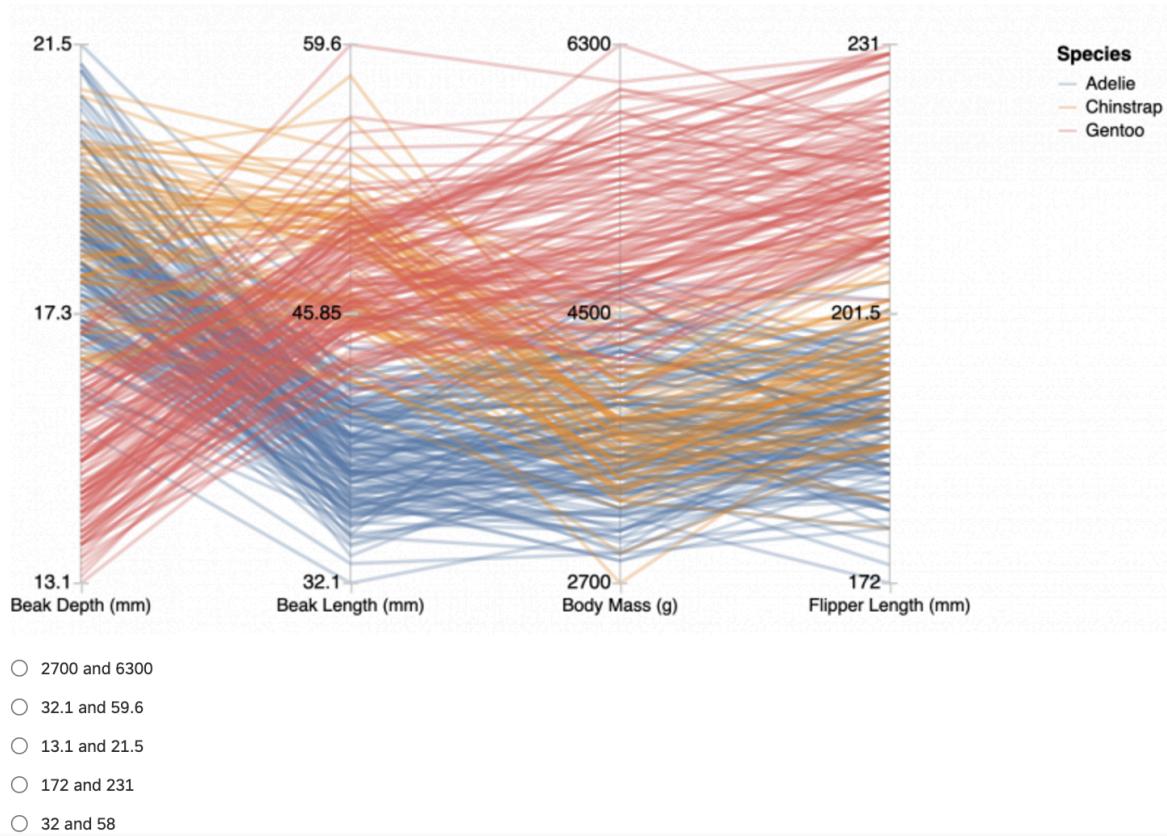
Question 3:

For the following parallel coordinates plot, which axis ranges from **18-32**?



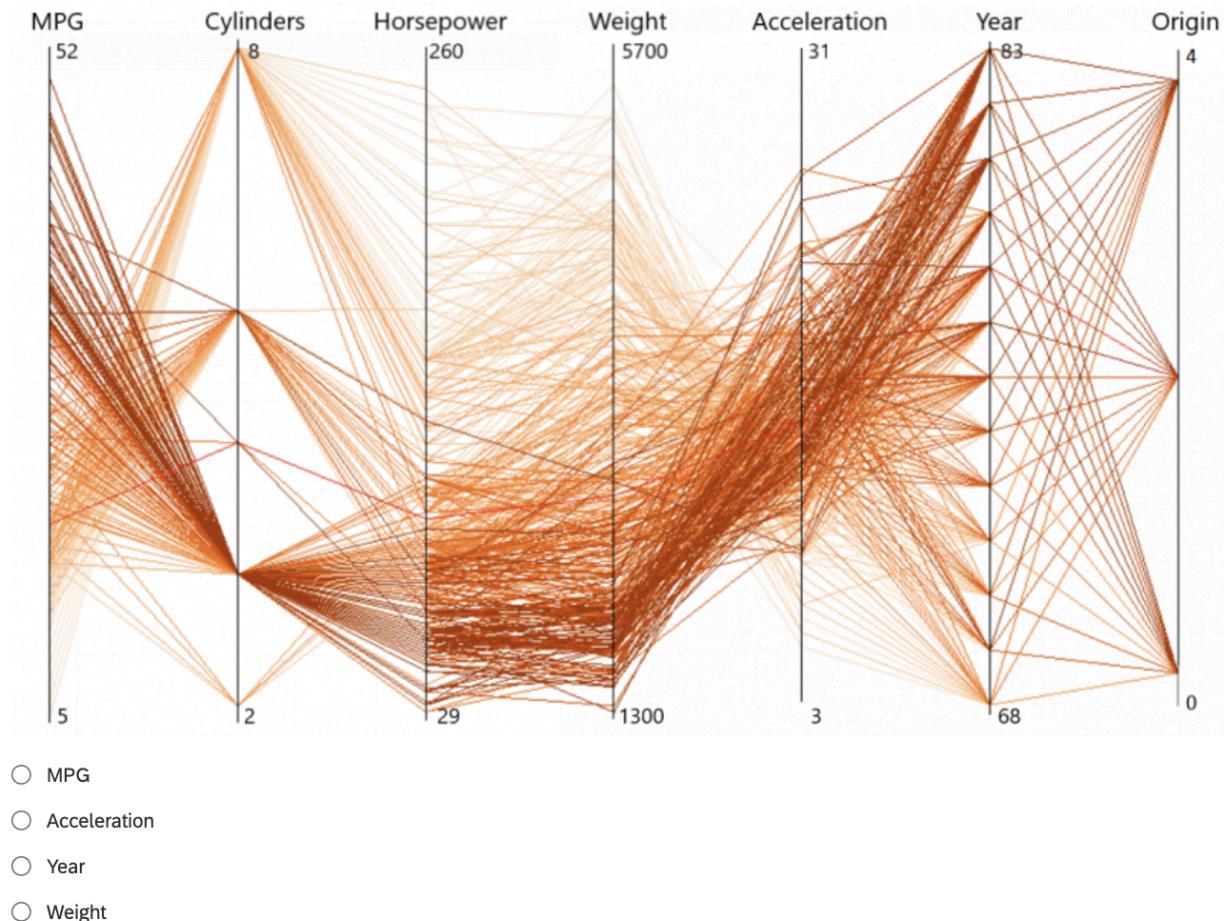
Question 4:

What are the **minimum** and **maximum** values of the "**Beak Length**" attribute in the dataset shown using a parallel coordinates chart below?



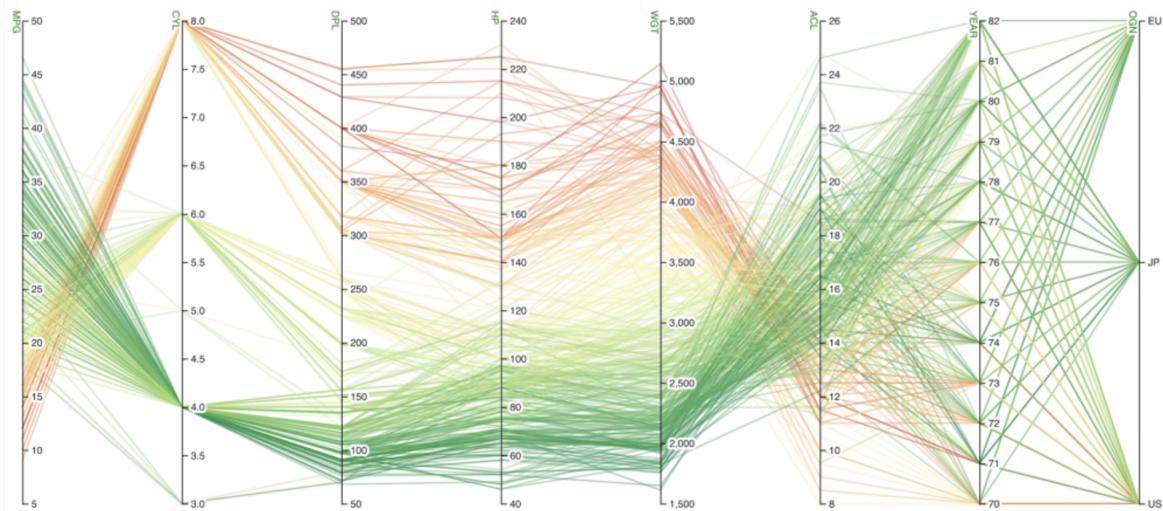
Question 5:

For the following parallel coordinates plot, which axis ranges from **1300-5700**?



Question 6:

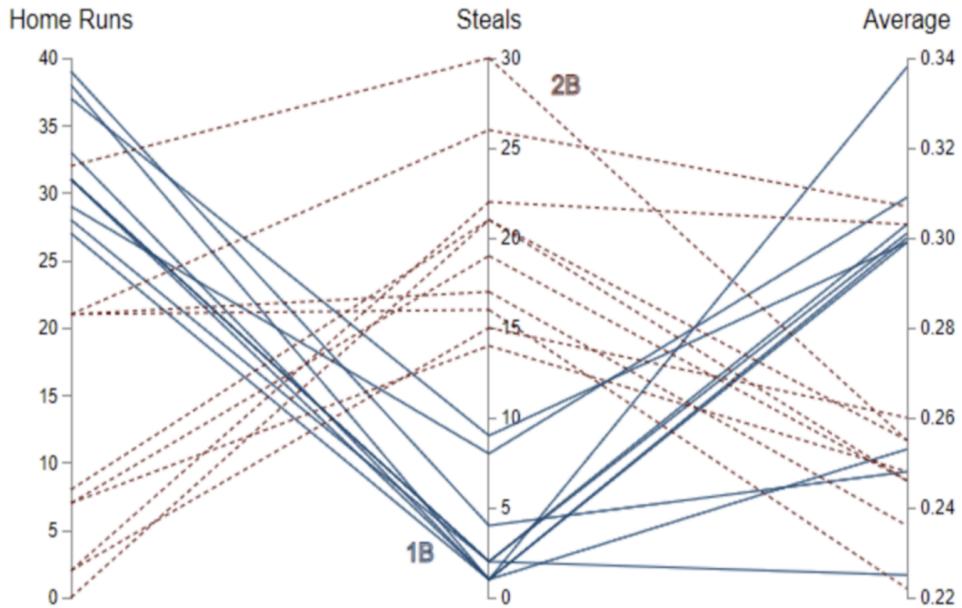
What are the **minimum** and **maximum** values of the "HP" attribute in the dataset shown using a parallel coordinates chart below?



- 3.0 and 8.0
- 10 and 8.0
- 450 and 50
- 40 and 240

Question 7:

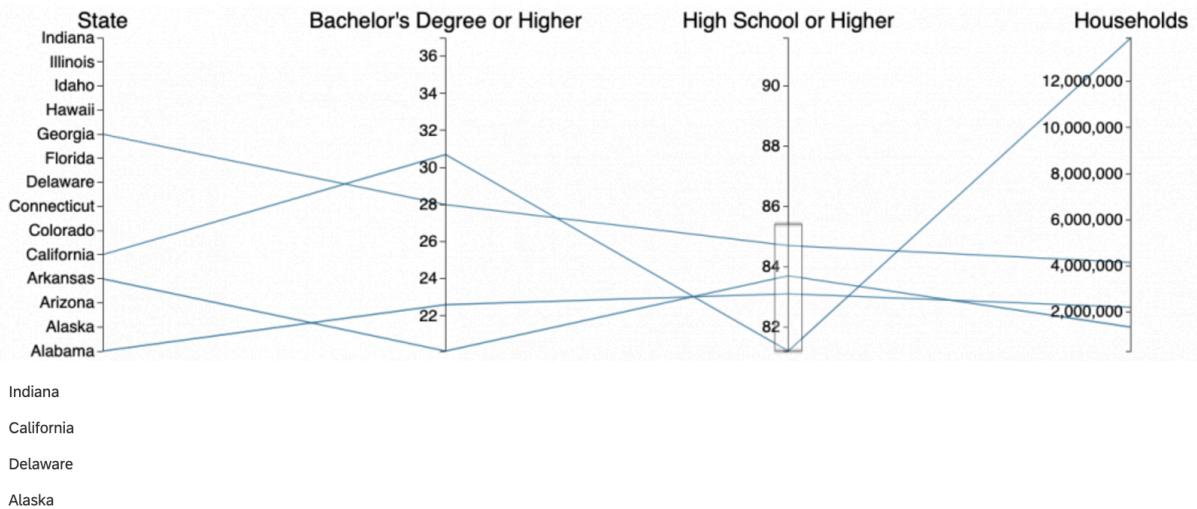
What are the **minimum** and **maximum** values of the "Average" attribute in the dataset shown using a parallel coordinates chart below?



- 0.23 and 0.34
- 0.22 and 0.34
- 0.225 and 0.33
- 0 and 40

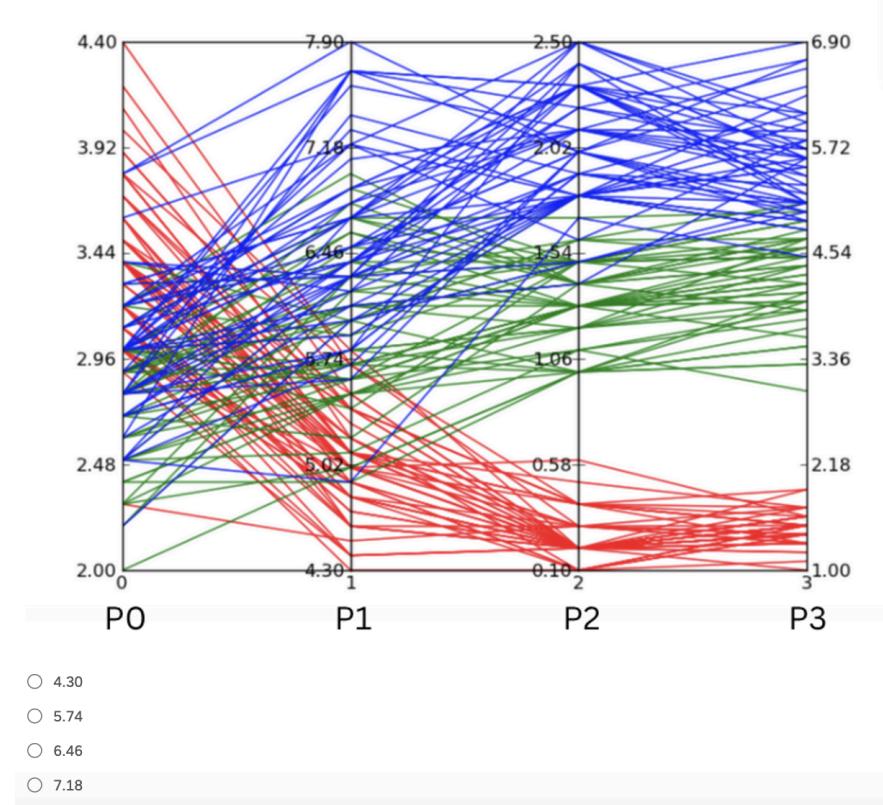
Question 8:

Which state has one of the lowest education levels for **High School or Higher** and has one of the highest value for number of households in the state?

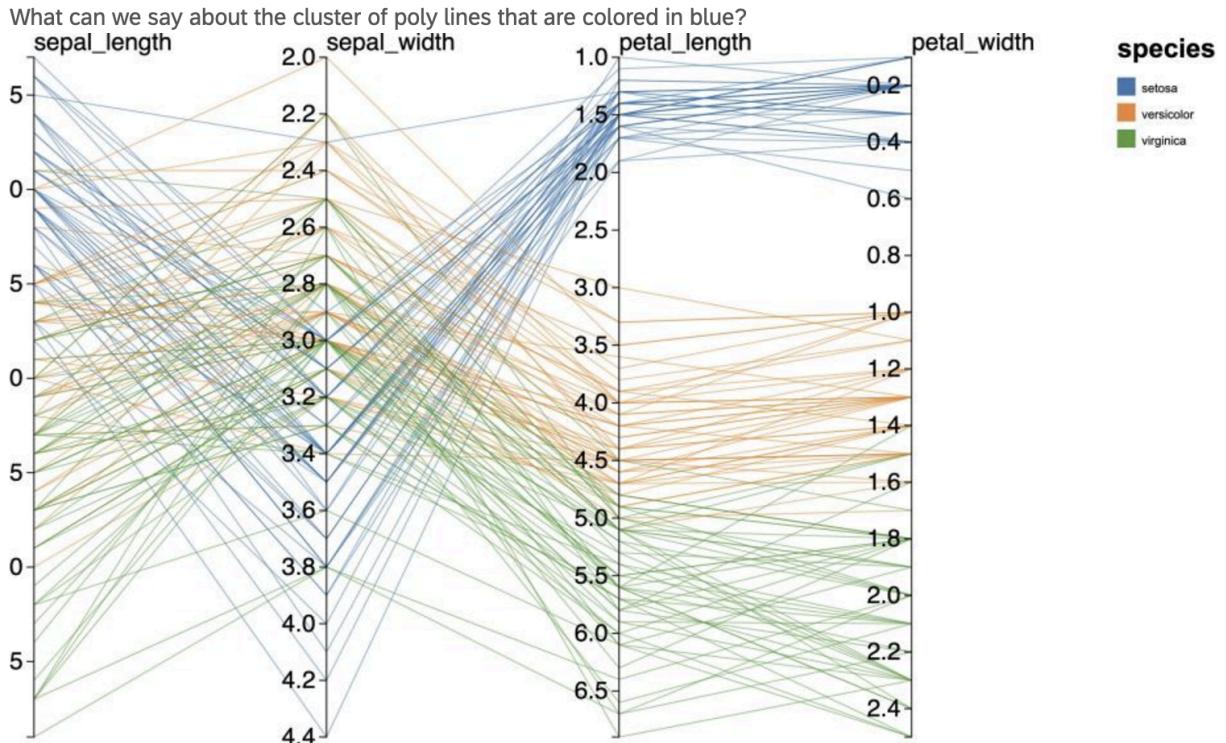


Question 9:

Following the cluster of **blue lines**, what is its average on the **P1** axis?



Question 10:



- Their petal width is high compared to the petal widths for the orange and green lines
- Their petal width is average compared to the petal widths for the orange and green lines
- Their petal width is low compared to the petal widths for the orange and green lines
- None of the above