

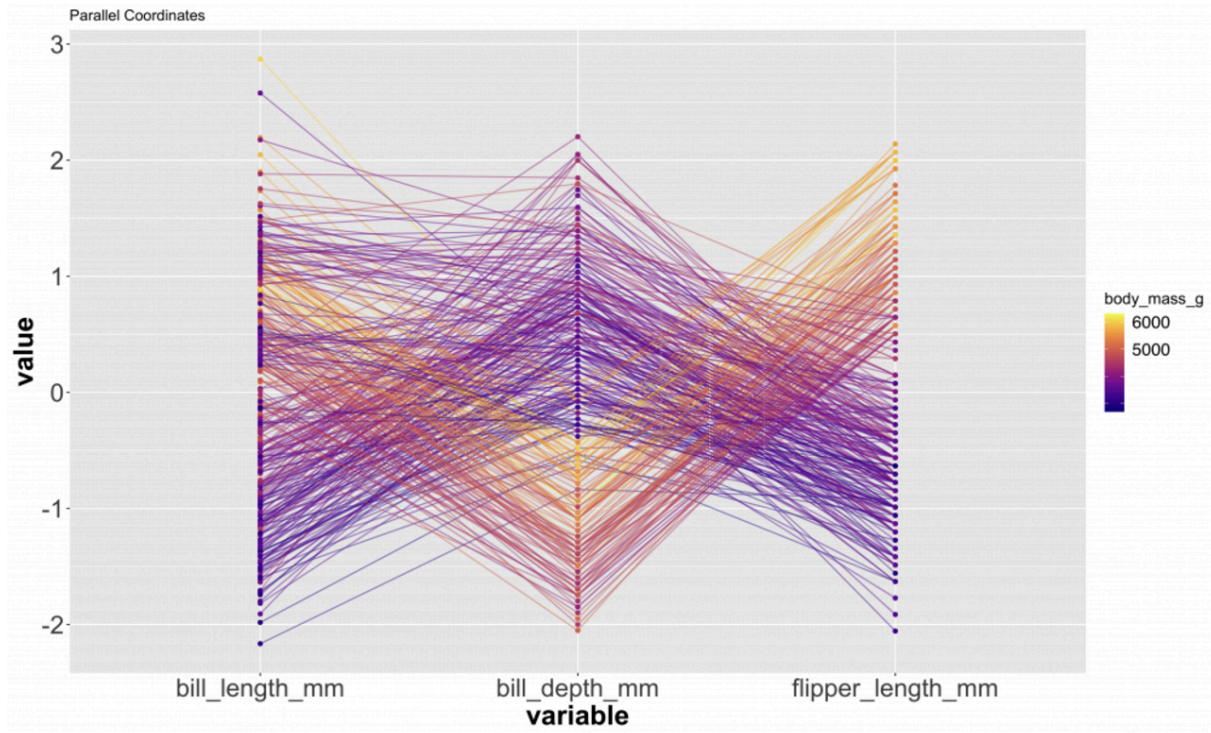
## Evaluate - Formative Assessment

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

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### Question 1:

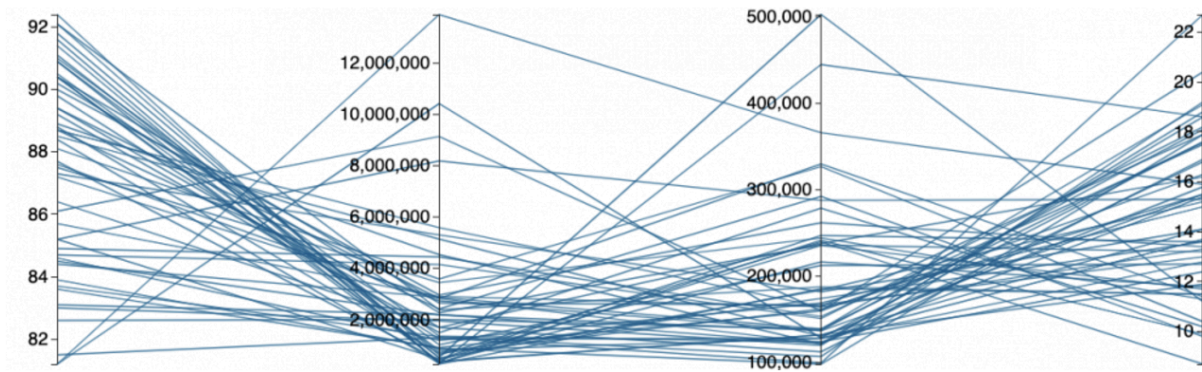
Name one problem with the following parallel coordinates chart?



- ☐ The labels on the color scale legend are incomplete
- ☐ The color scale used is incorrect
- ☐ The axis labels should be on top
- ☐ All of the options above are true
- ☐ There is nothing wrong with this chart

### Question 2:

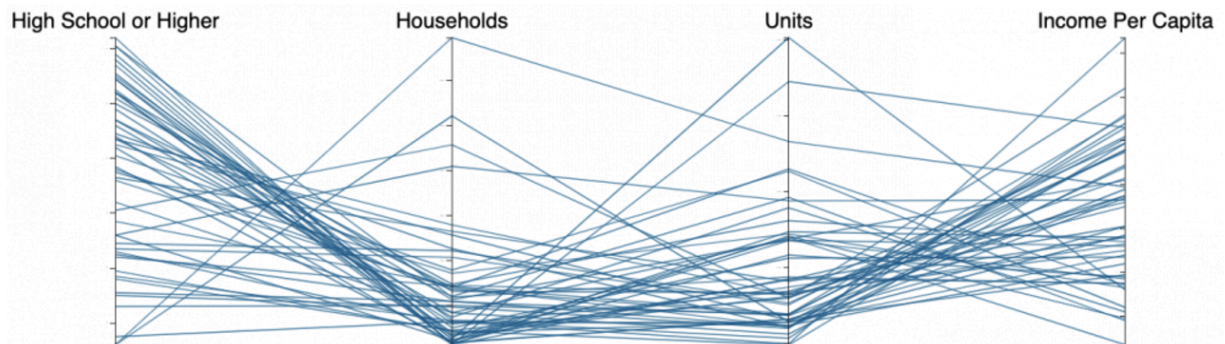
Which of the following is an accurate critique of this parallel coordinates chart?



- ☐ The chart is missing axis labels
- ☐ The chart is missing a color legend
- ☐ The chart does not use color
- ☐ All of the above

### Question 3:

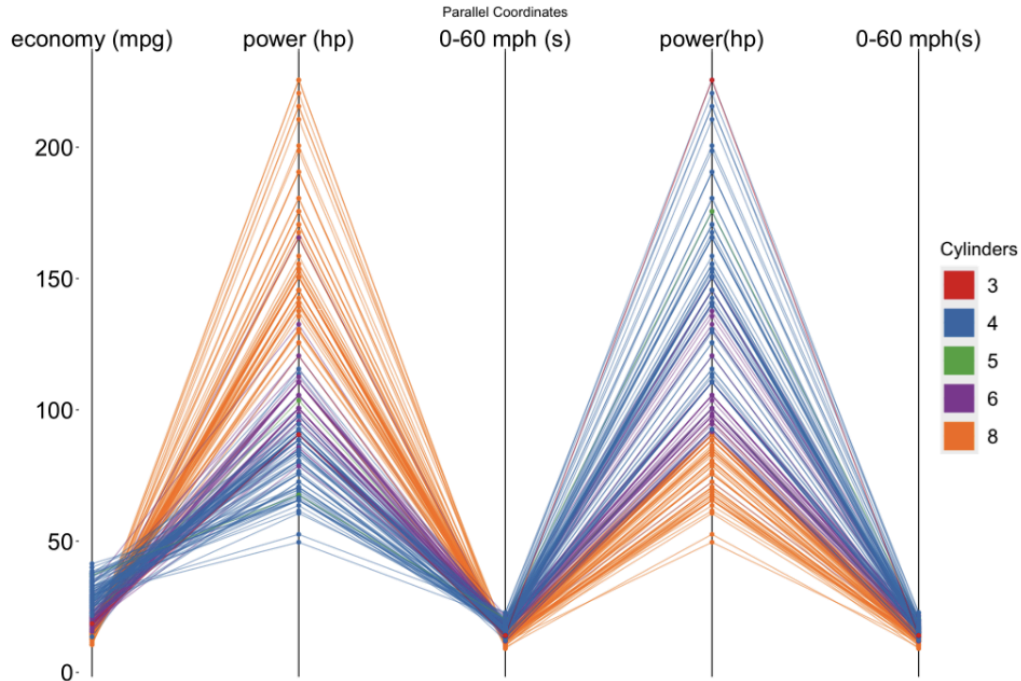
Name one thing that could be wrong with the following parallel coordinates plot?



- ☐ The chart is missing data labels
- ☐ There are too many overlapping lines
- ☐ The chart does not use color
- ☐ All of the above

#### Question 4:

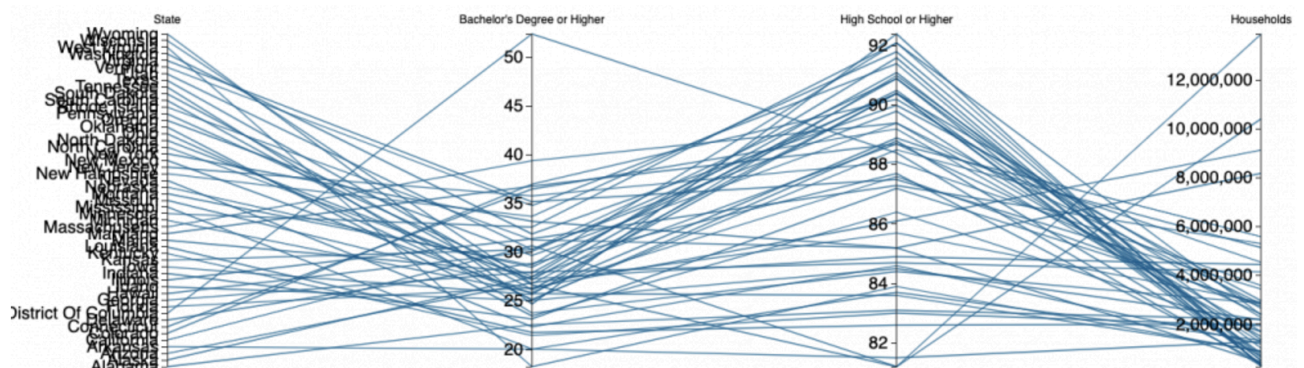
What is wrong with the following parallel coordinates plot?



- ☐ The chart contains repeated axes
- ☐ The chart uses too many colors
- ☐ The chart does not contain a color legend
- ☐ There is nothing wrong with this chart

#### Question 5:

What is wrong with the following parallel coordinates plot?

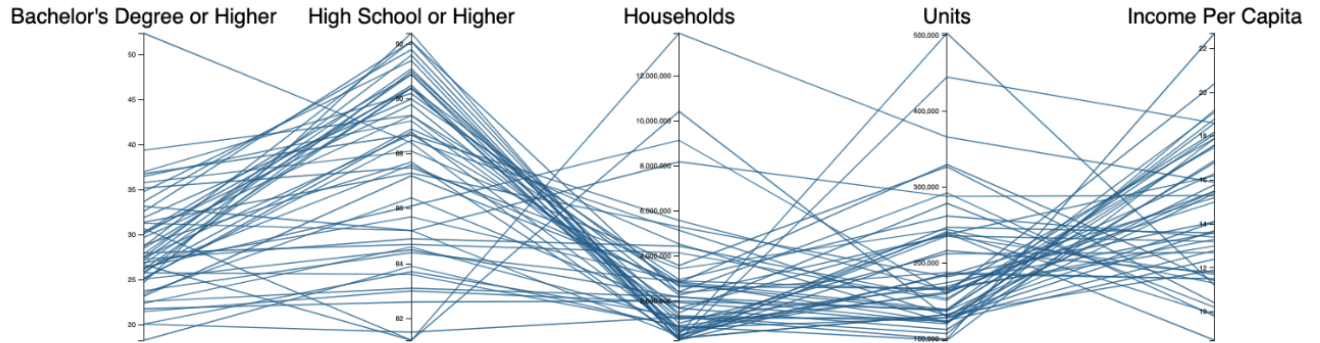


- ☐ There is a lot of text clutter in the first axis
- ☐ The chart does not use color
- ☐ There are too few axes in this chart
- ☐ The chart is missing a color legend



### Question 6:

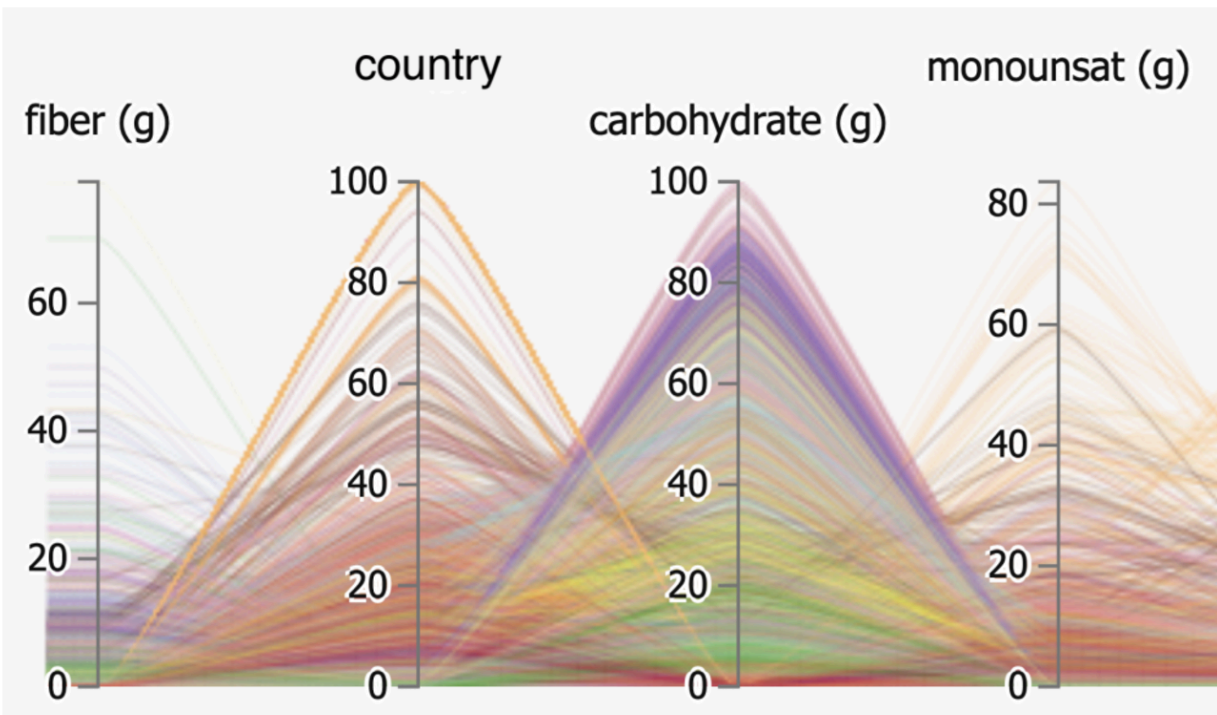
What is wrong with the following parallel coordinates plot?



- ☐ The data labels on each axis are too small
- ☐ The chart does not use color
- ☐ The axis labels are too small
- ☐ It is missing a color legend

### Question 7:

Name one thing that could be wrong in this chart.

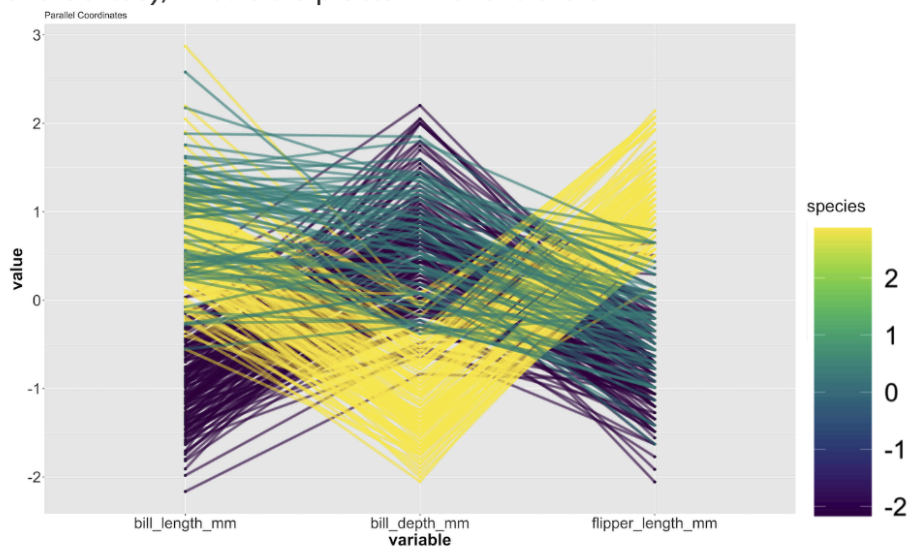


- ☐ The axis labels seem inconsistent with the data being displayed
- ☐ The chart has too many colors
- ☐ The chart shows fiber in grams instead of ounces
- ☐ There is nothing wrong with this chart



### Question 8:

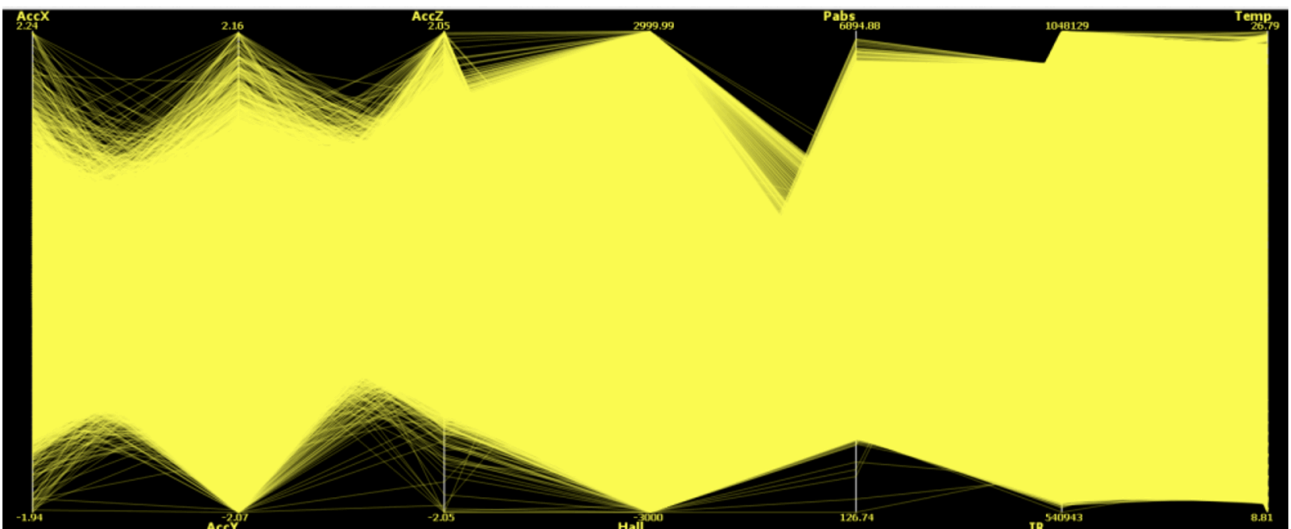
For this chart visualizing data about penguins of three different kinds of species (Adelie, Chinstrap, and Gentoo), what is the problem with this chart.



- ☐ The color legend is incorrect for this chart
- ☐ There are too many colors
- ☐ The lines are too opaque/thick
- ☐ There is nothing wrong with this chart

### Question 9:

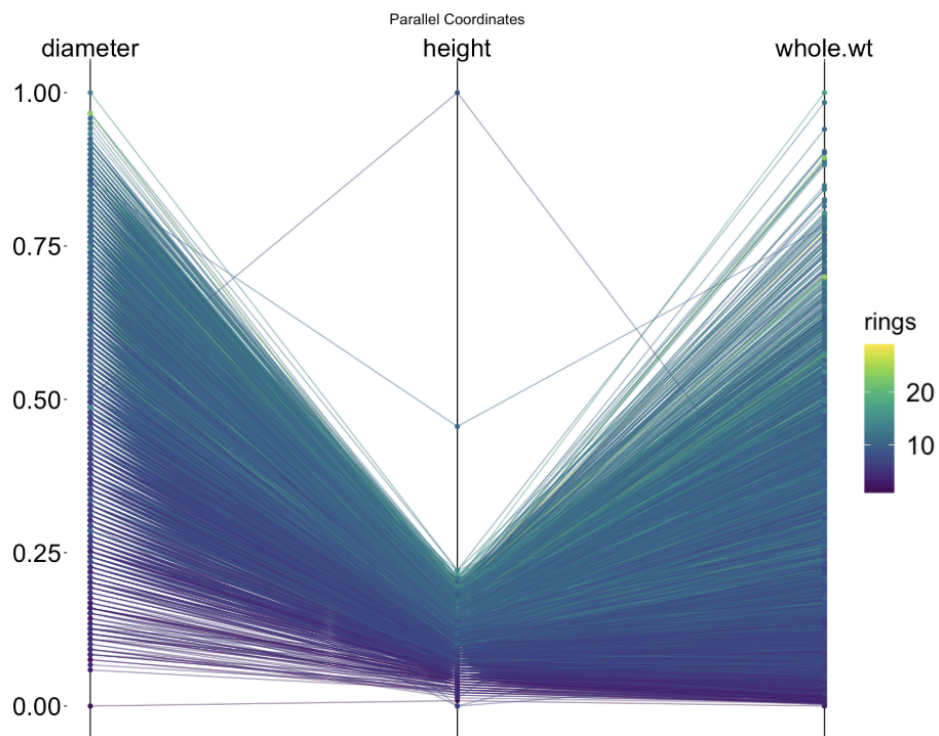
What is wrong with this parallel coordinates chart?



- ☐ The chart has too much data in it
- ☐ No color legend is displayed
- ☐ The axes labels are hard to read
- ☐ There are too many axes in this chart

**Question 10:**

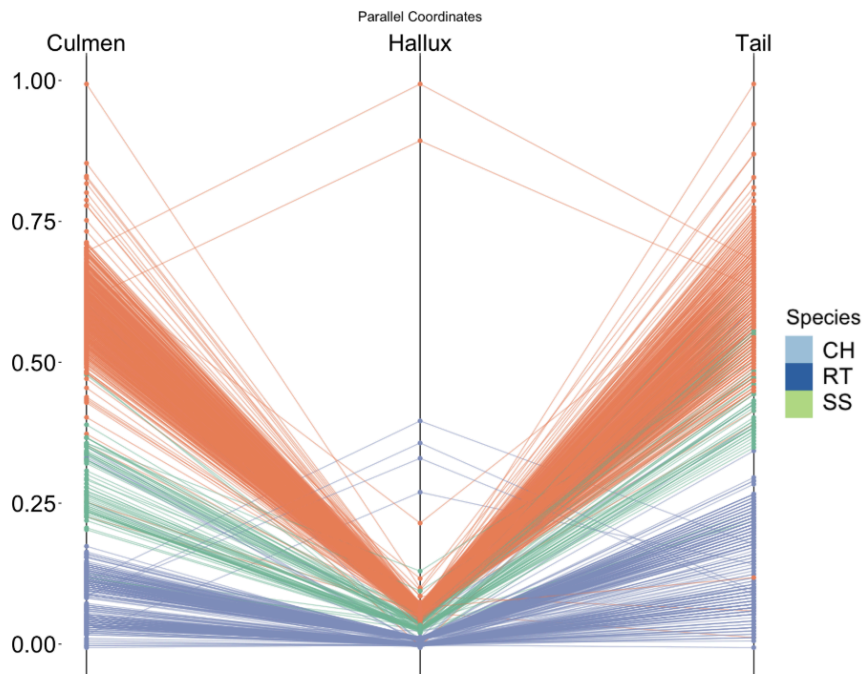
What is wrong with this chart?



- ☐ The color legend is not properly labeled
- ☐ The axis titles are missing
- ☐ There is no data on the chart
- ☐ There is nothing wrong with this chart

**Question 11:**

Name one problem with this chart.

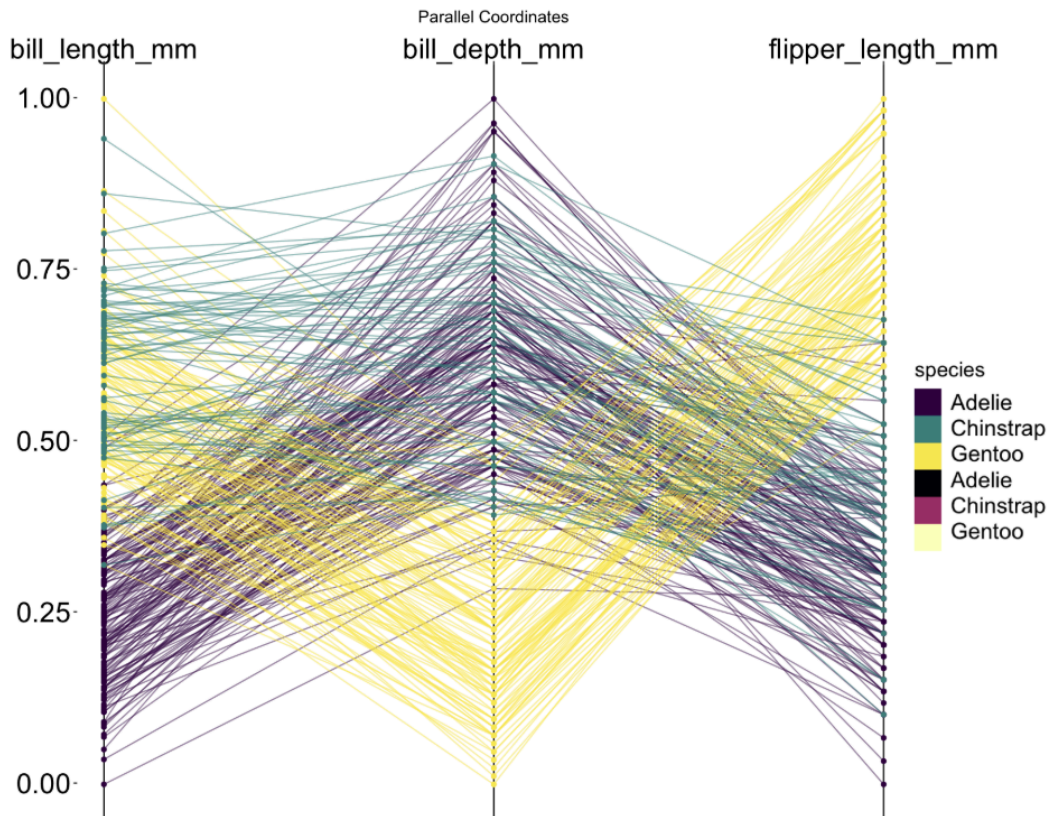


- ☐ The color legend has the wrong colors
- ☐ The axis titles are missing
- ☐ The slopes of the edges is too high
- ☐ There is nothing wrong with this chart



**Question 12:**

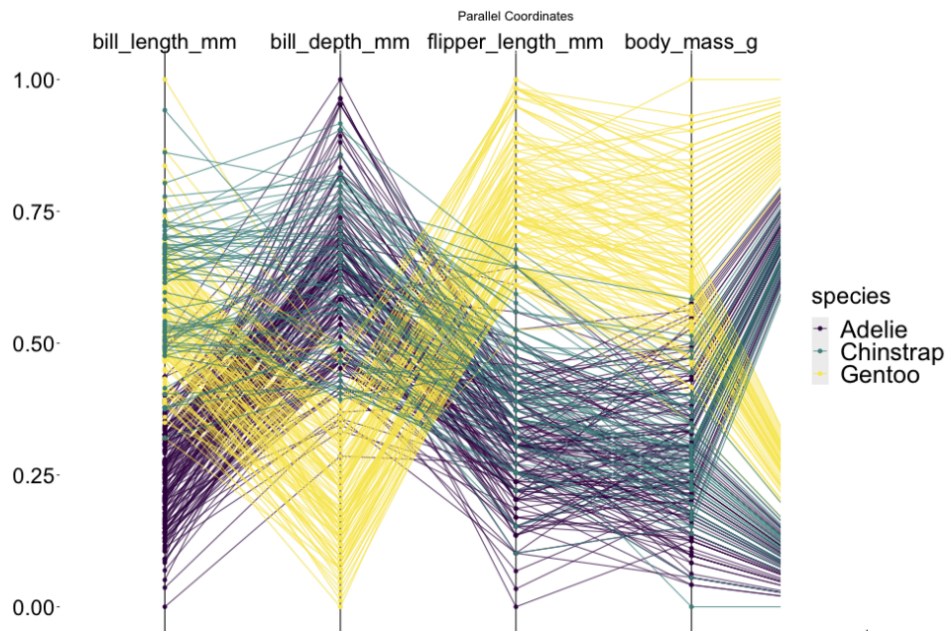
Name one problem with this chart.



- ☐ There are too many color legends
- ☐ There are too many colors
- ☐ The color legend is not labeled
- ☐ There are too many variables in this chart

### Question 13:

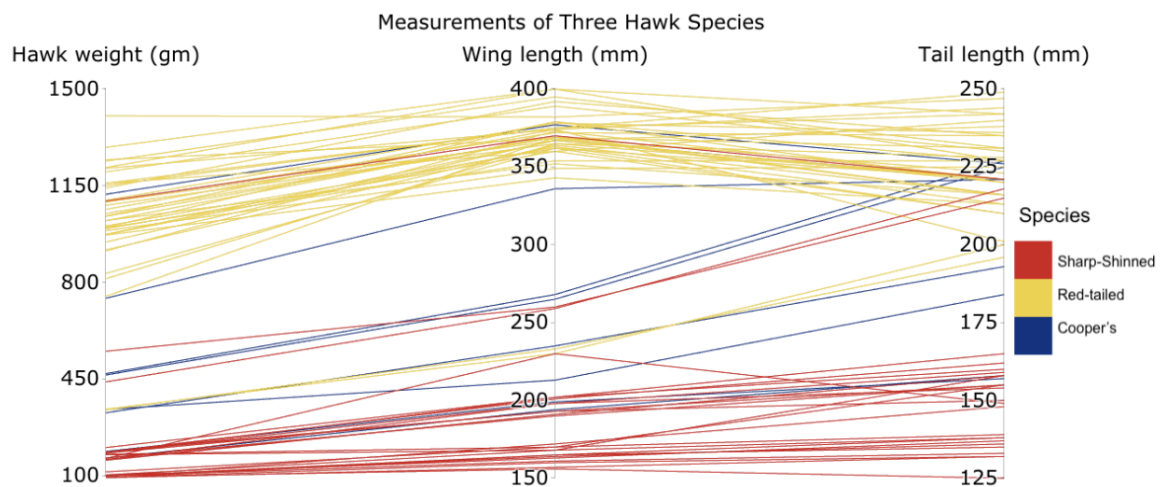
What is wrong with the following chart?



- ☐ The chart is missing one of the axes
- ☐ The chart has too many colors
- ☐ The color legend is not shown
- ☐ There is nothing wrong with the chart

### Question 14:

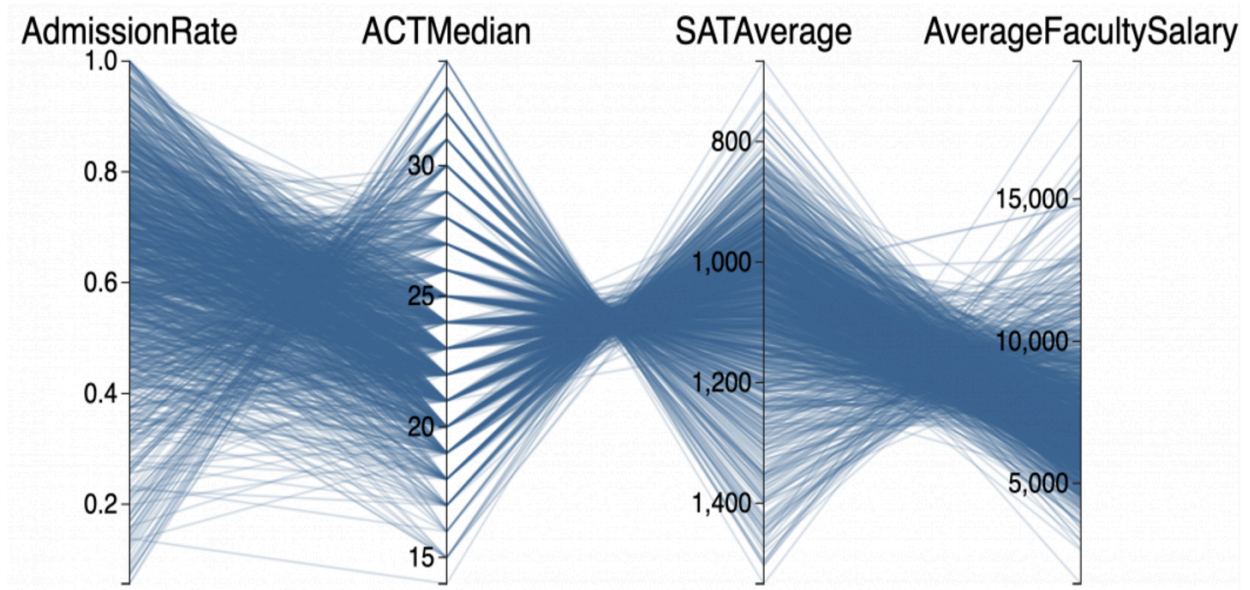
Name one problem with this chart.



- ☐ There is nothing wrong with this chart
- ☐ The axis labels are too small
- ☐ The legend is incorrect
- ☐ The data labels are too small

**Question 15:**

Name one problem with the following chart.



- ☐ The axes are not all ordered the same (ascending/descending)
- ☐ The data labels are too small
- ☐ The axis labels are too small
- ☐ There is no problem with this chart
- ☐ There are too many overlapping lines