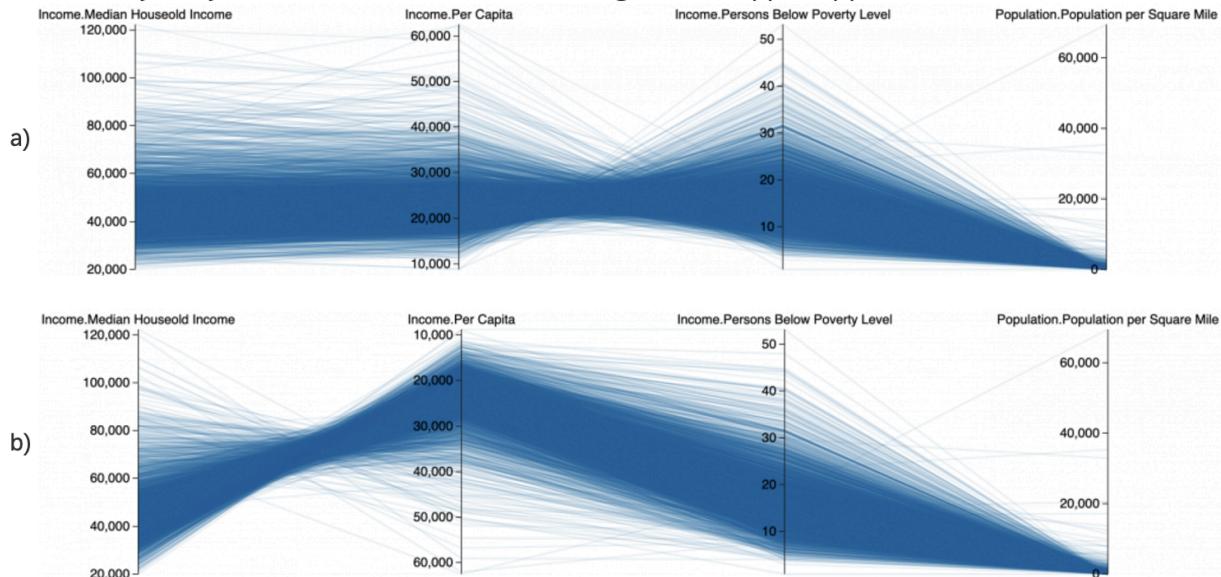


## Understand - Summative Assessment

### Question 1:

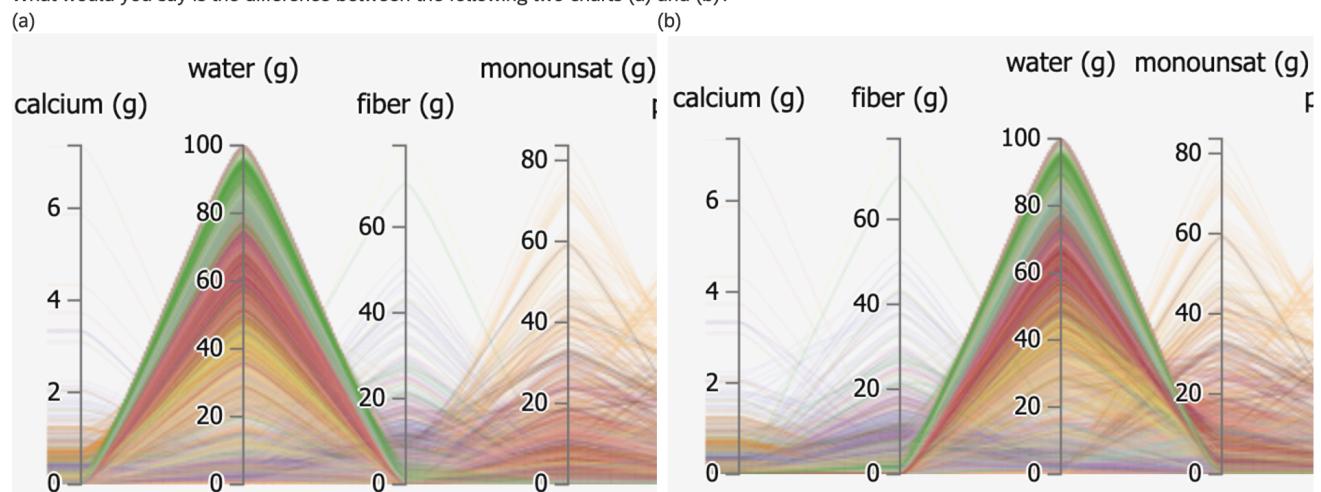
What would you say is the difference between the following two charts (a) and (b)?



- They both look the same
- The Income.Per.Capita Axis is flipped
- The Population.Population Per Square Mile Axis is flipped

### Question 2:

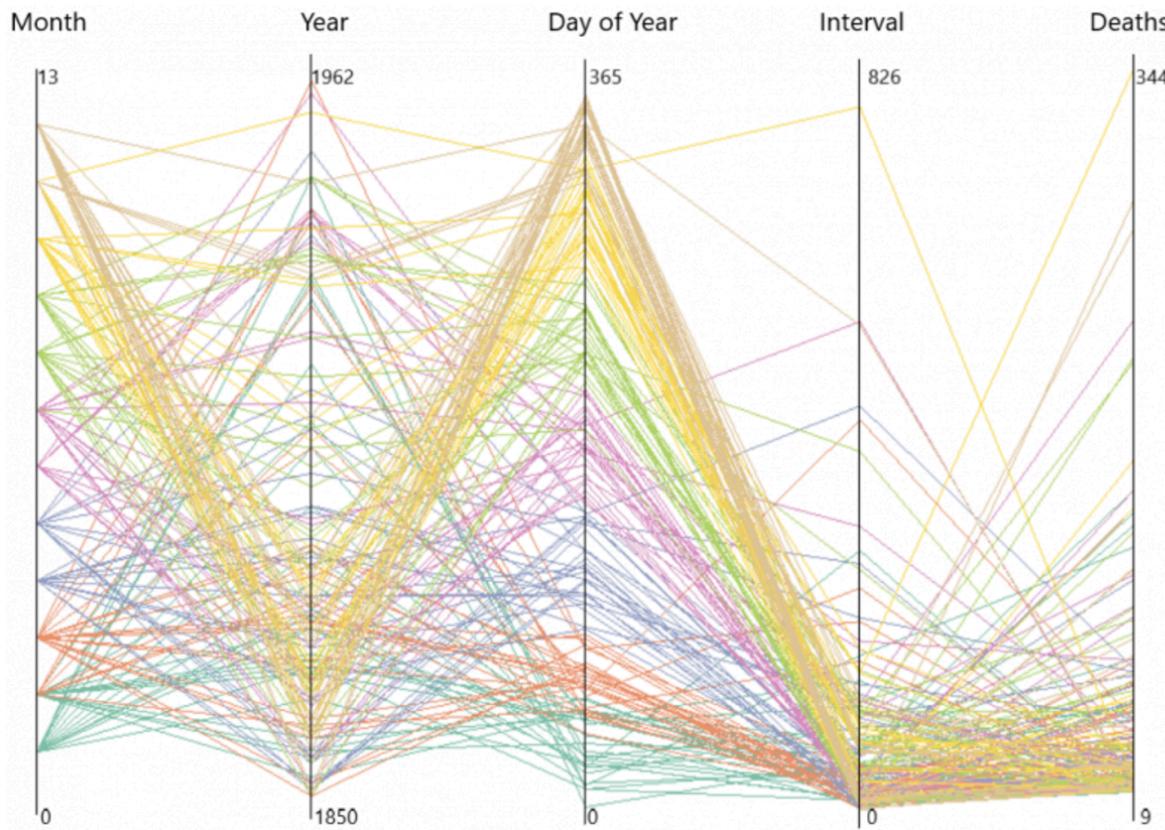
What would you say is the difference between the following two charts (a) and (b)?



- They both look the same
- The water(g) and the fiber(g) axes have been reordered
- The calcium(g) and the monounsats(g) axes have been reordered

### **Question 3:**

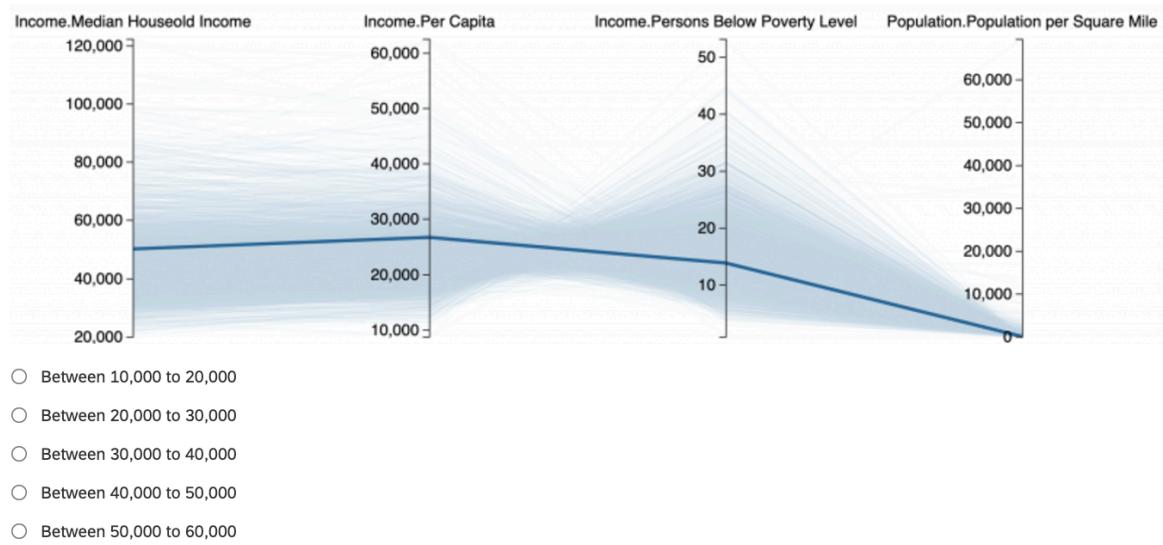
What are the **minimum** and **maximum** values of the "Deaths" attribute in the dataset shown using a parallel coordinates chart below?



- 0 and 13
- 0 and 365
- 0 and 826
- 9 and 344
- 1850 and 1962

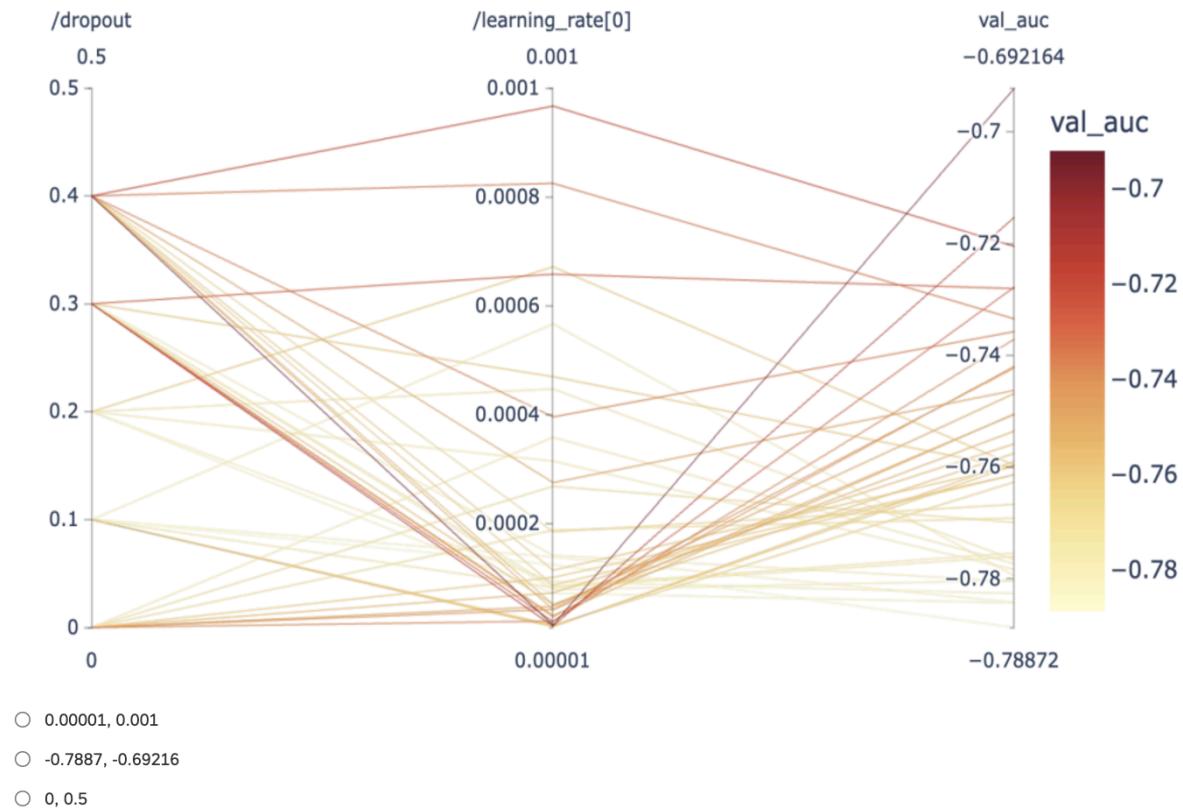
#### Question 4:

For this region/county in the United States, what is the range of values for the **Income.Per Capita** for the data element selected (highlighted in dark blue)?



#### Question 5:

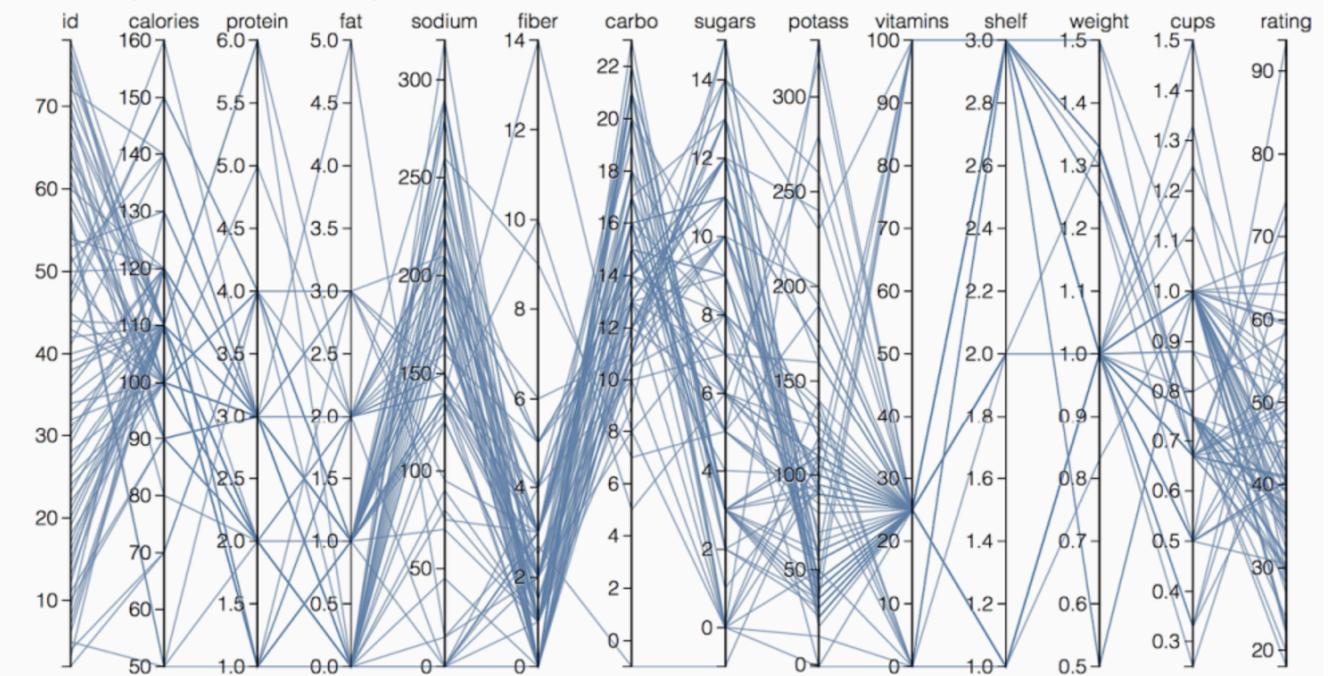
What are the **minimum** and **maximum** values of the "val\_auc" attribute in the dataset shown using a parallel coordinates chart below?



### Question 6:

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

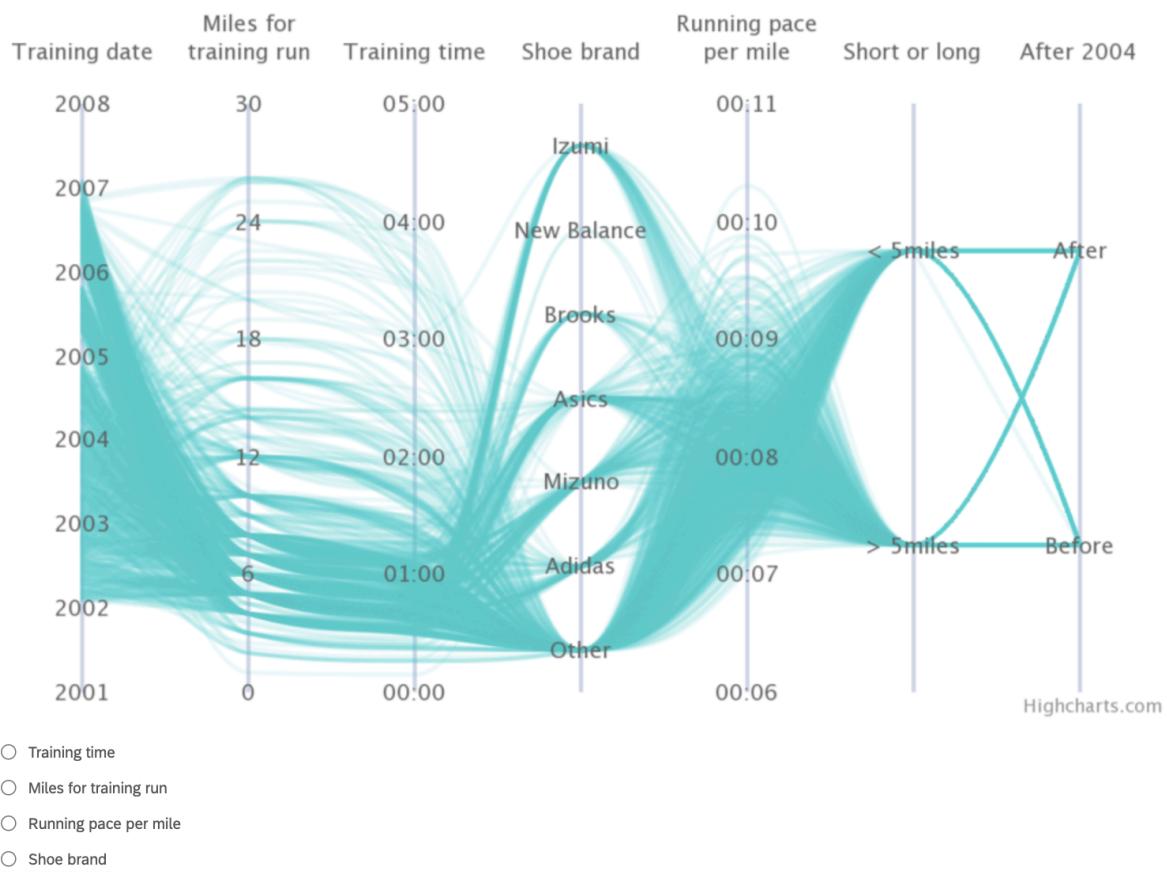
Just another parallel coordinates example with d3.



- 1.0 and 6.0
- 50 and 160
- 0 and 5.0
- 0 and 350

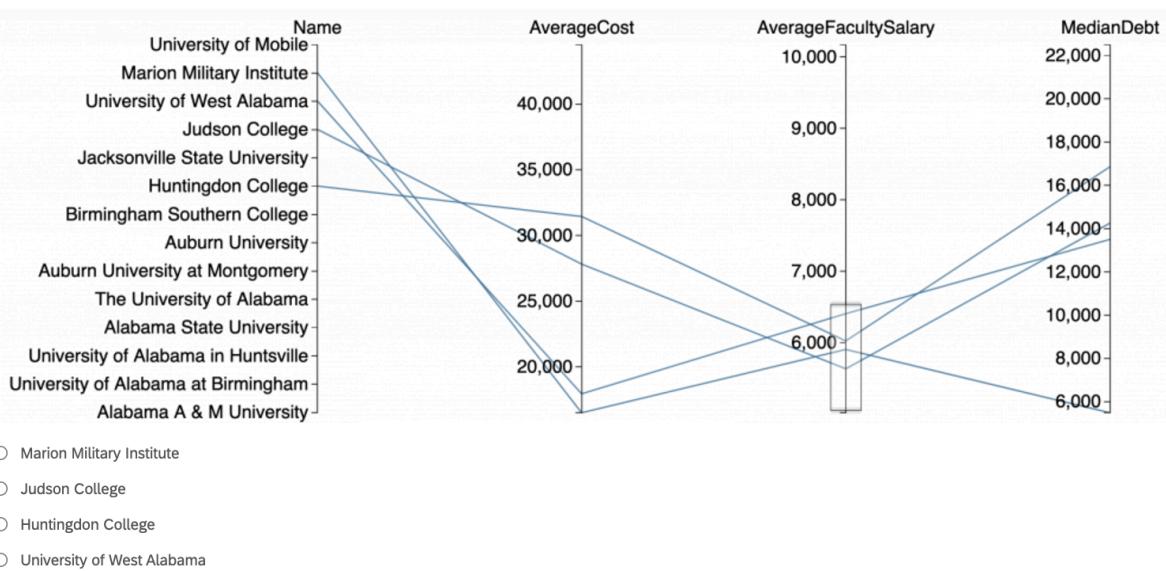
### Question 7:

For the following parallel coordinates plot, which axis ranges from **0:06 - 00:11?**



### Question 8:

Which university has the lowest average faculty salary and one of the highest median debt for students attending that university?



### **Question 9:**

For the Discovery Method "Transit", what is its average value on the **Gaia Magnitude** axis?

