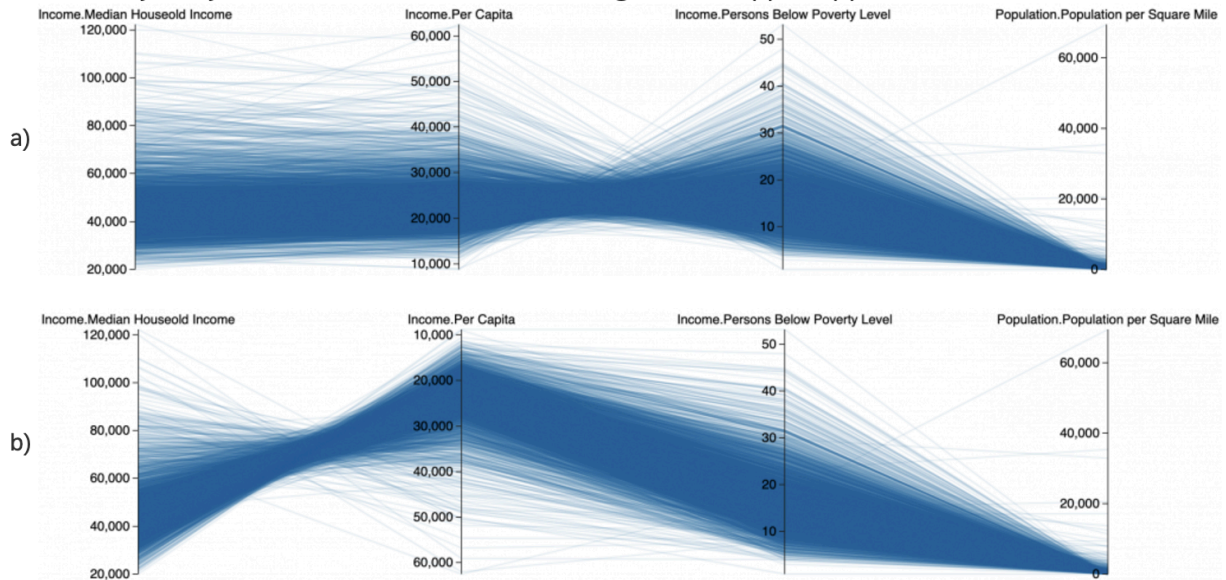


Understand - Summative Assessment

Question 1:

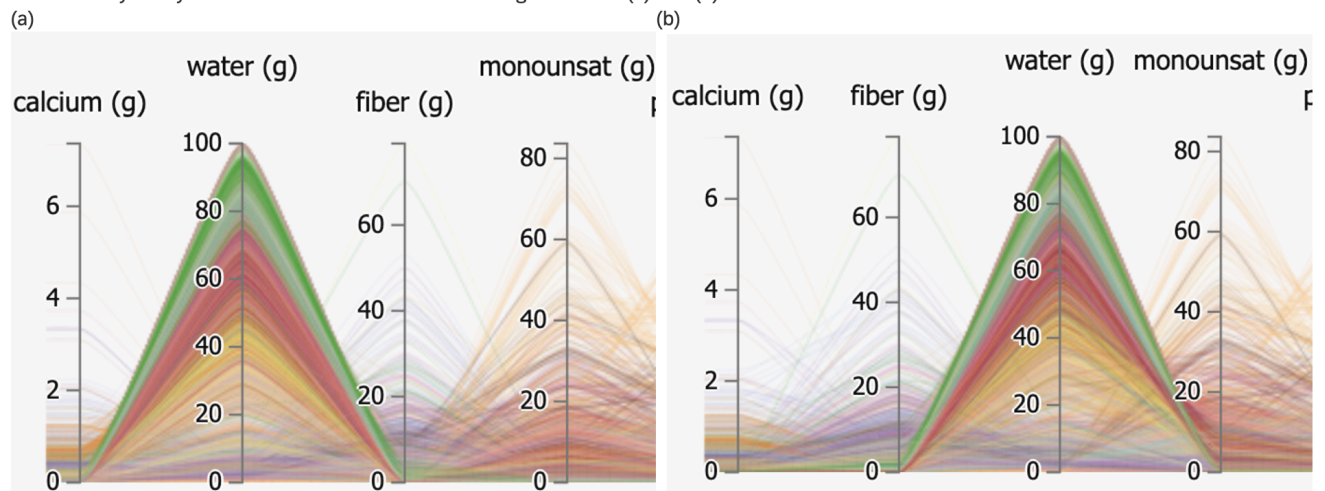
What would you say is the difference between the following two charts (a) and (b)?



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

Question 2:

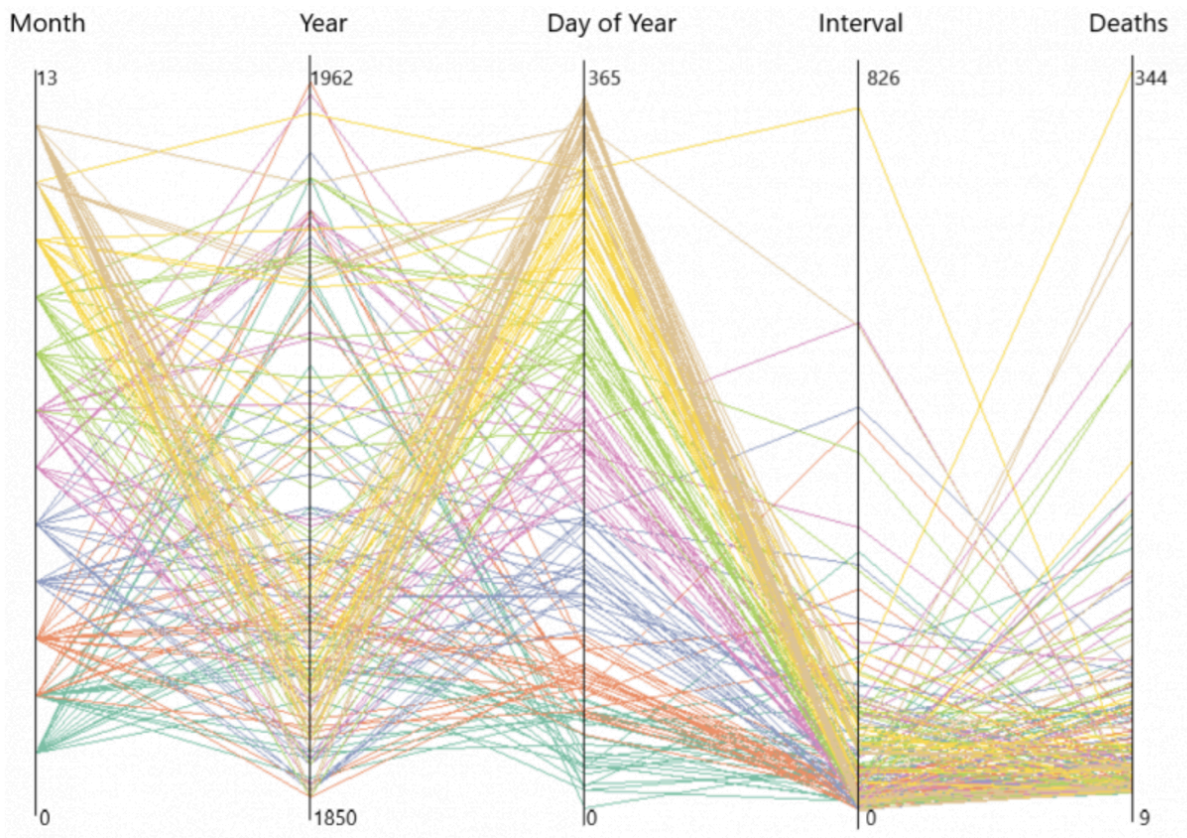
What would you say is the difference between the following two charts (a) and (b)?



- ☐ 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:

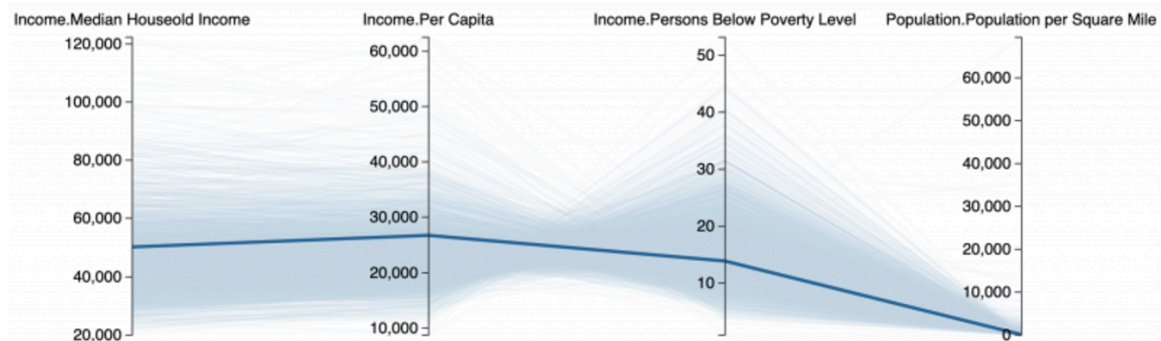
What are the **minimum** and **maximum** values of the "**Deaths**" attribute in the dataset shown using a parallel coordinates chart below?



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

Question 4:

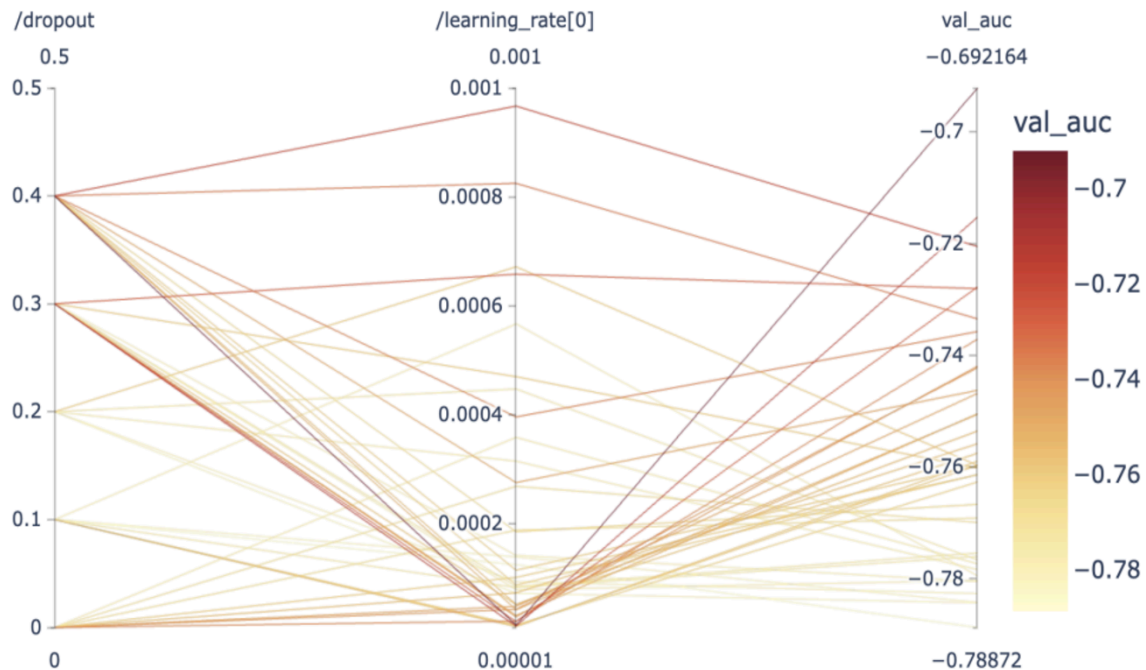
For this region/county in the United States, what is the range of values for the **Income.Per Capita** for the data element selected (highlighted in dark blue)?



- ☐ Between 10,000 to 20,000
- ☐ Between 20,000 to 30,000
- ☐ Between 30,000 to 40,000
- ☐ Between 40,000 to 50,000
- ☐ Between 50,000 to 60,000

Question 5:

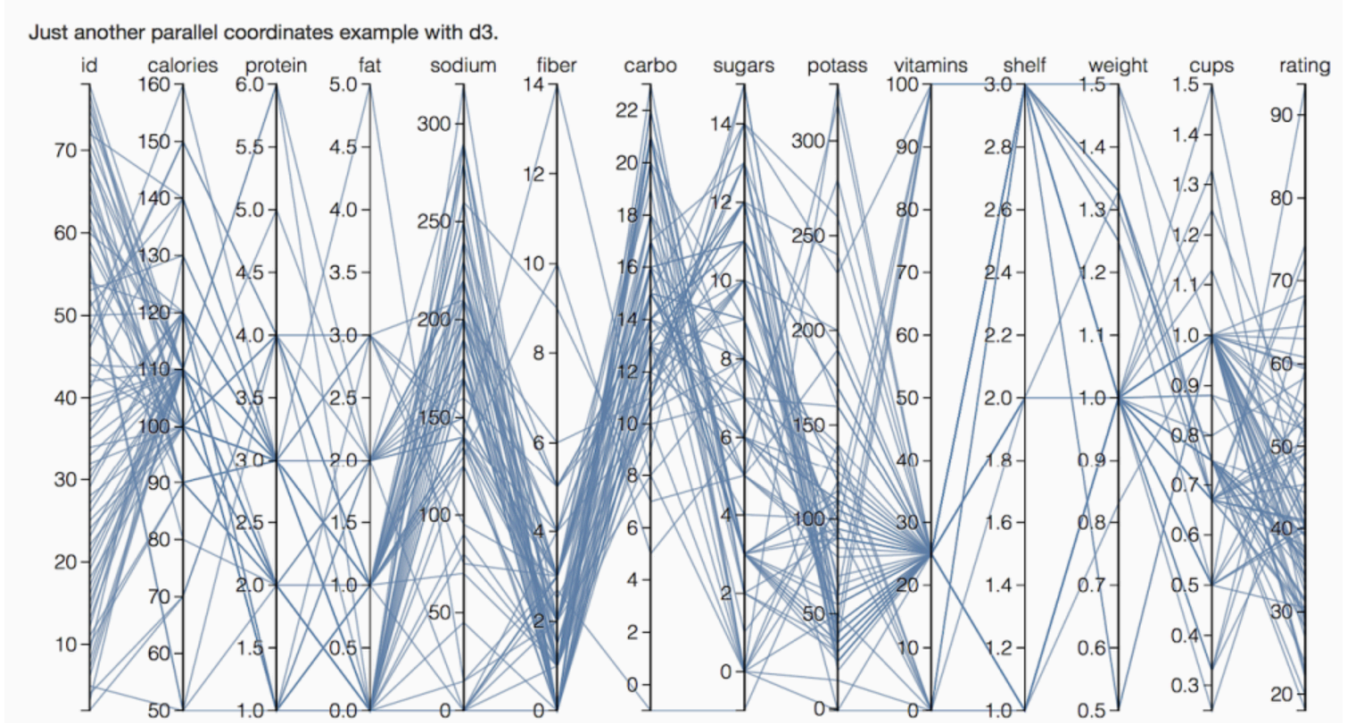
What are the **minimum** and **maximum** values of the "**val_auc**" attribute in the dataset shown using a parallel coordinates chart below?



- ☐ 0.00001, 0.001
- ☐ -0.7887, -0.69216
- ☐ 0, 0.5

Question 6:

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



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

Question 7:

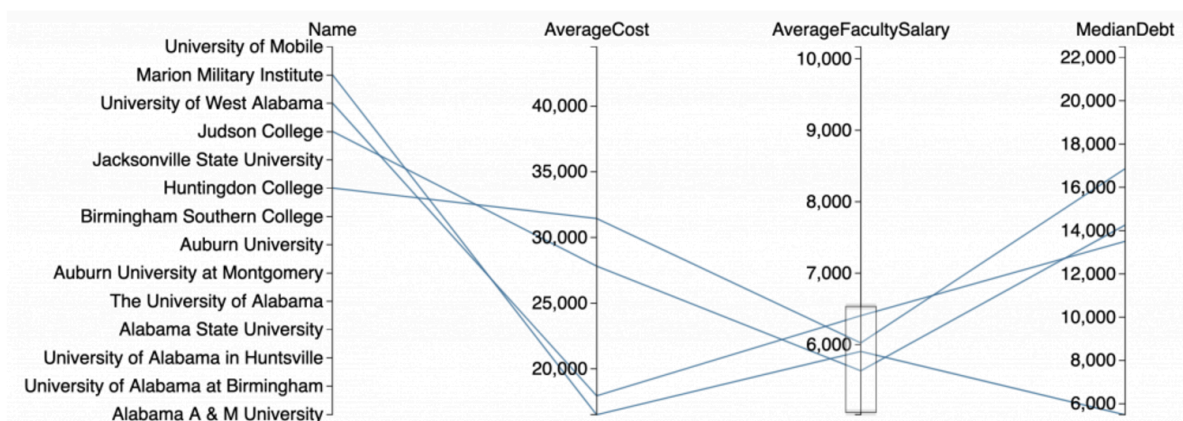
For the following parallel coordinates plot, which axis ranges from 0:06 - 00:11?



- ☐ Training time
- ☐ Miles for training run
- ☐ Running pace per mile
- ☐ Shoe brand

Question 8:

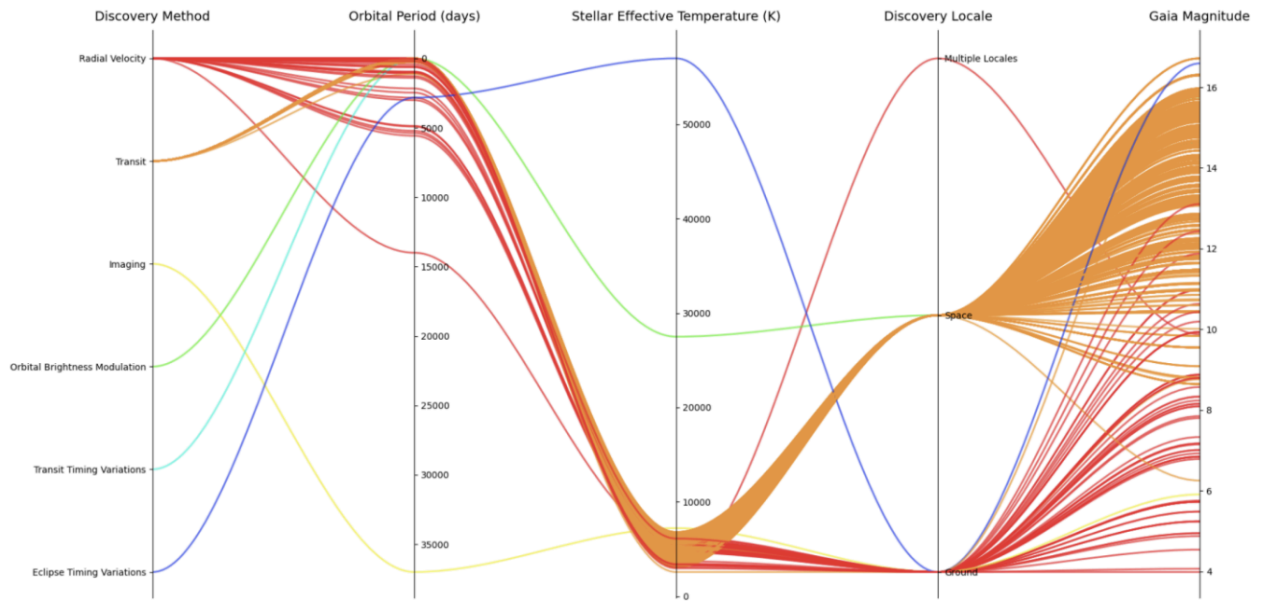
Which university has the lowest average faculty salary and one of the highest median debt for students attending that university?



- ☐ Marion Military Institute
- ☐ Judson College
- ☐ Huntingdon College
- ☐ University of West Alabama

Question 9:

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



- ☐ 16
- ☐ 12
- ☐ 14
- ☐ 6