

Eurovision survey

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1 Introduction

This paper is based on [Eurovision dataset](#) which you can find here. We will look into whether running order of the artist has any impact on the resulting score or rank. We will use a scatter plot and a heatmap to help us demonstrate the results.

2 Graphs

2.1 Scatterplot

To visualise the running order and the rank of the artist we used a scatterplot. As can be seen there is no strong correlation between these two variables. To support our claim, we provide Figure 1 notation .

2.2 Heatmap

Provide a heatmap where the X axis is the year of the event, Y axis is the country, and cell colour/hue the country rank at the given year.

Here we have a heatmap which shows distribution between the year of the event (the X axis) and the country (the Y axis), cell colour is responsible here for the country rank at the given year. The lighter the colour, the bigger the rank. See Figure 2 to view the results.

3 Recommendations

For further research we recommend looking into [\[Ges\]](#).

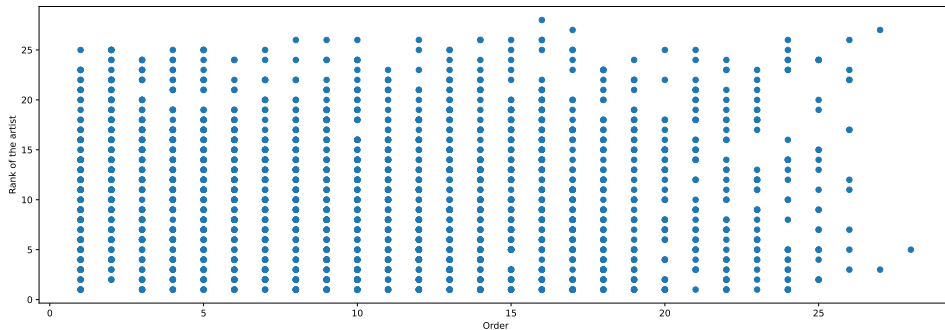


Figure 1: Our scatterplot.

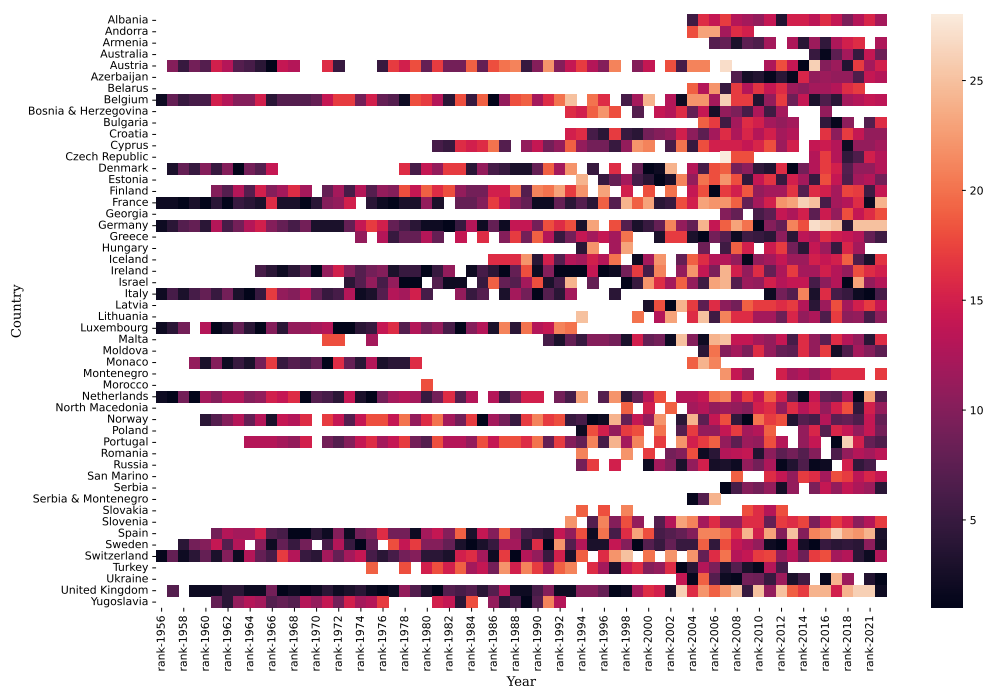


Figure 2: Our heatmap

References

[Ges] Dave Gesler. It's only rock 'n'roll but i like it: How songs can help teach statistics.