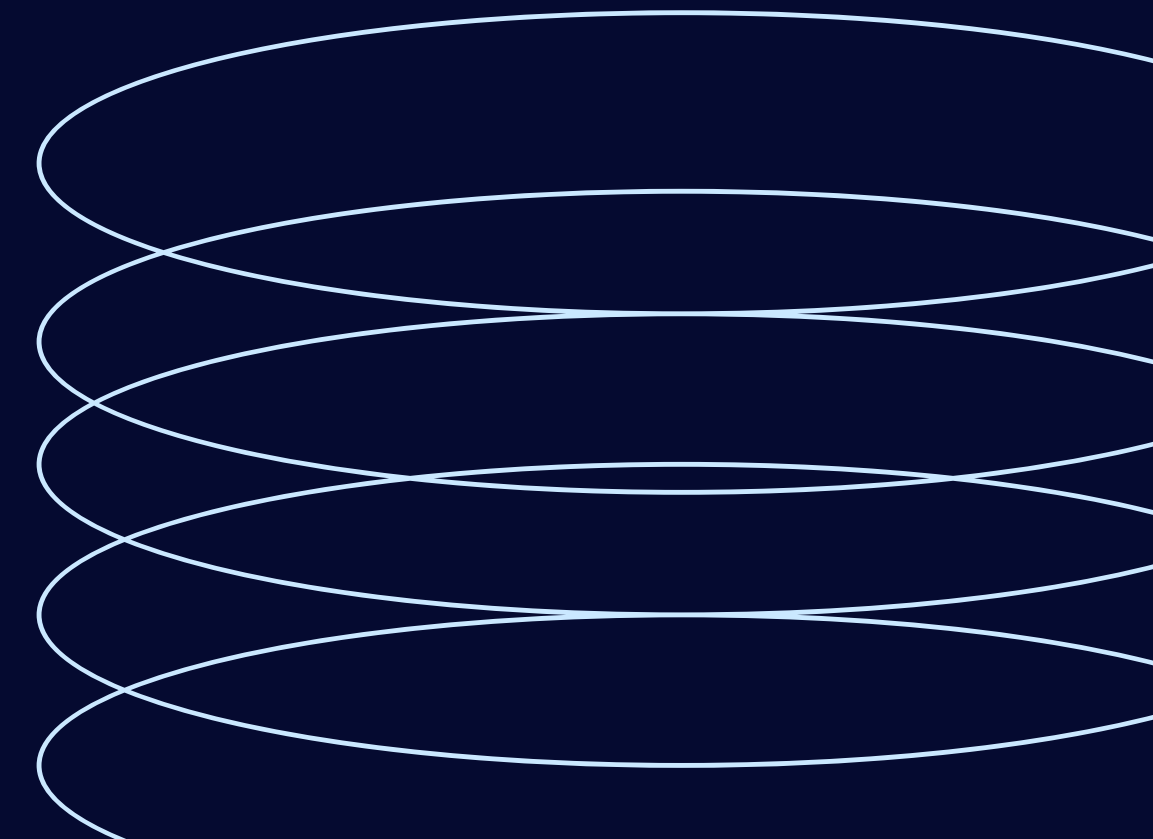


TITANIC

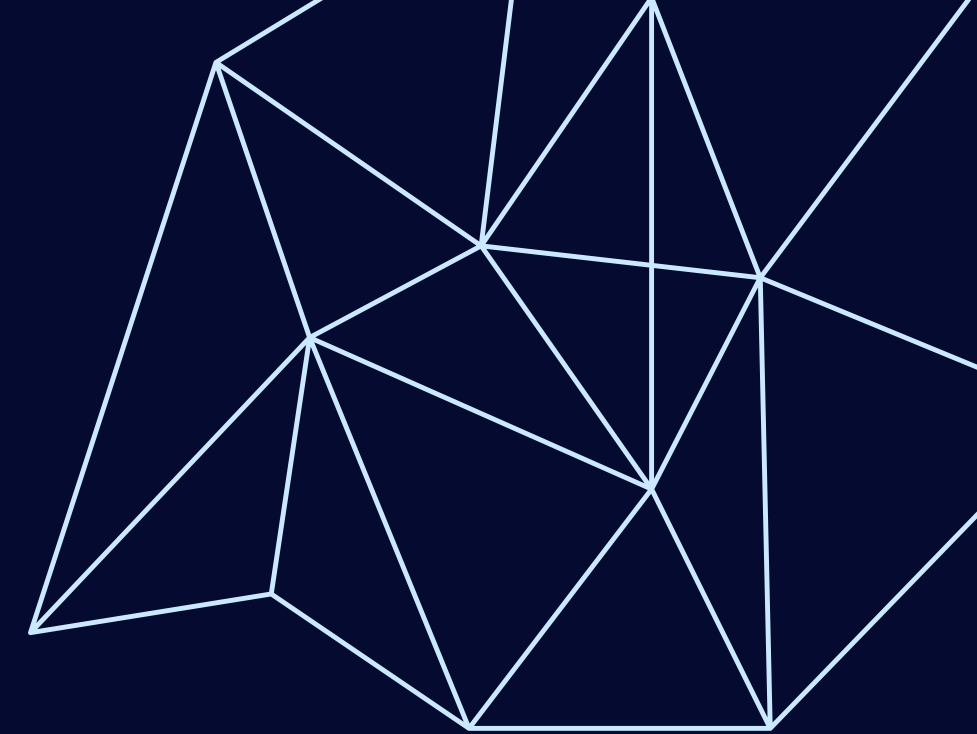
The data analysis of a disaster



What happened to the Titanic?

April 15th 1912

Variables in use



Survived

Pclass

Sex

Age*

Fare

Embarked

Family Size

Alone

Total: 891 Passengers data

Exploraory Data Analysis

Who was traveling on the Titanic?

35.24%

Female rate

29

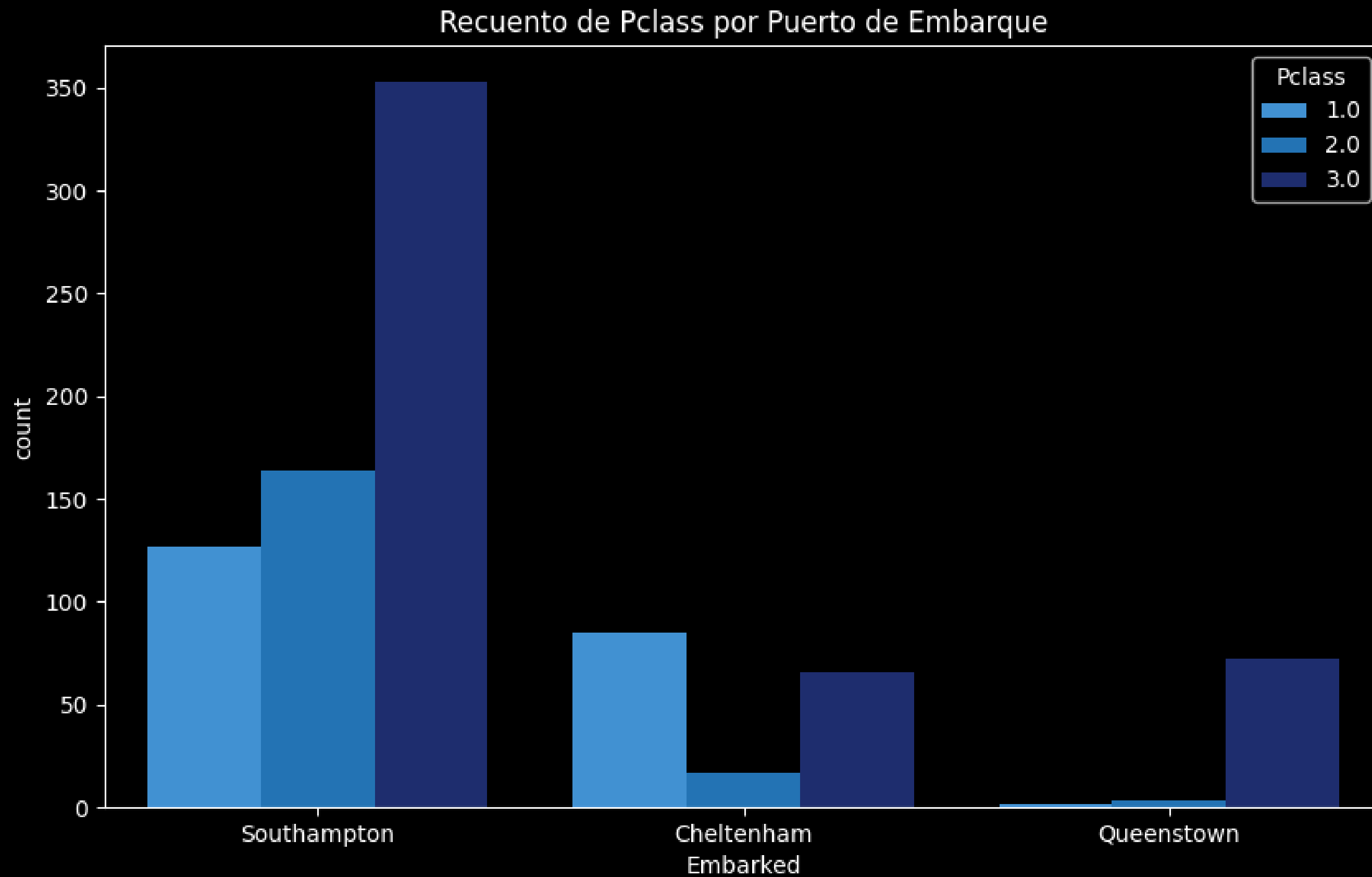
Median Age



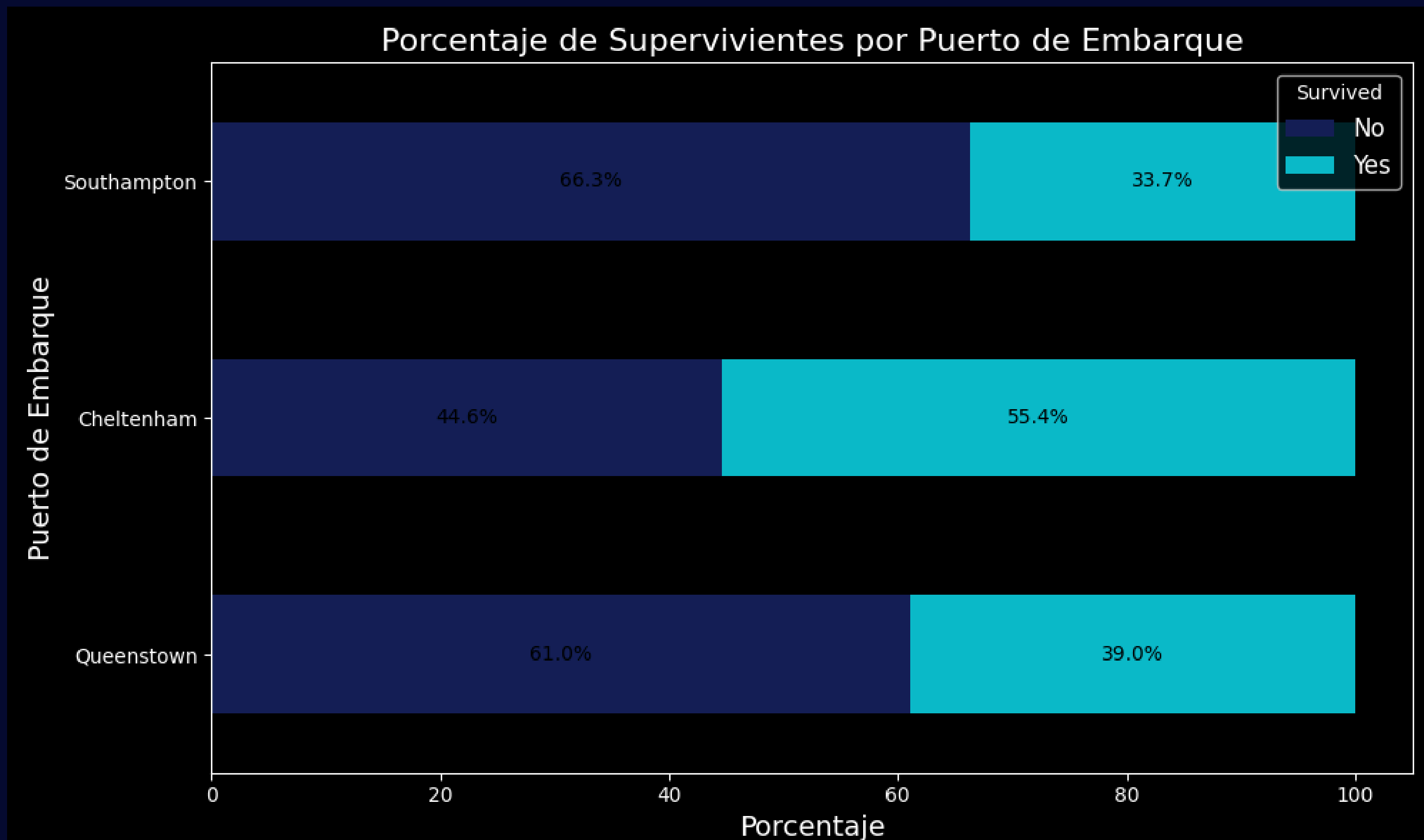
38.38%

Survival rate

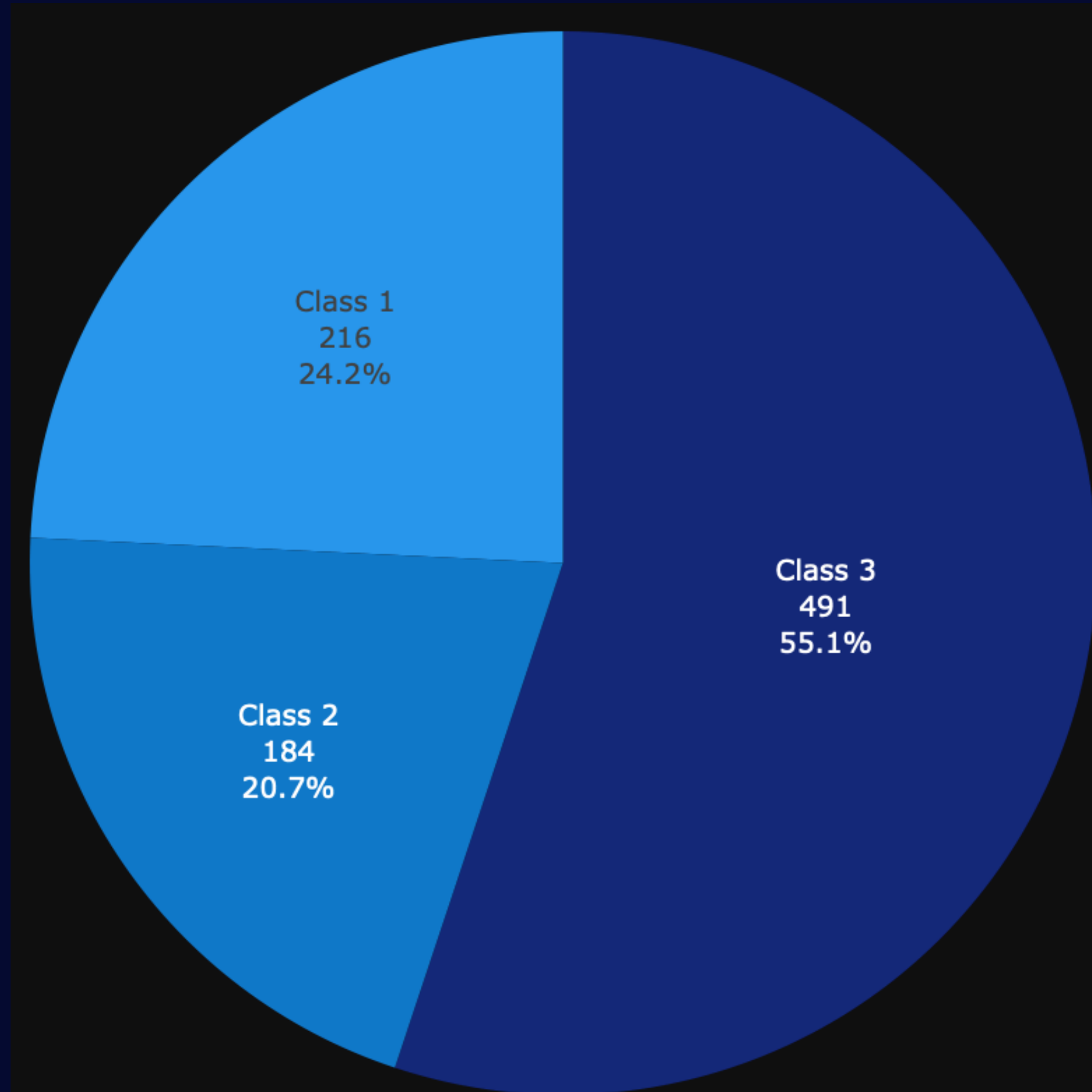
The Embarkation is related to the survival rate?



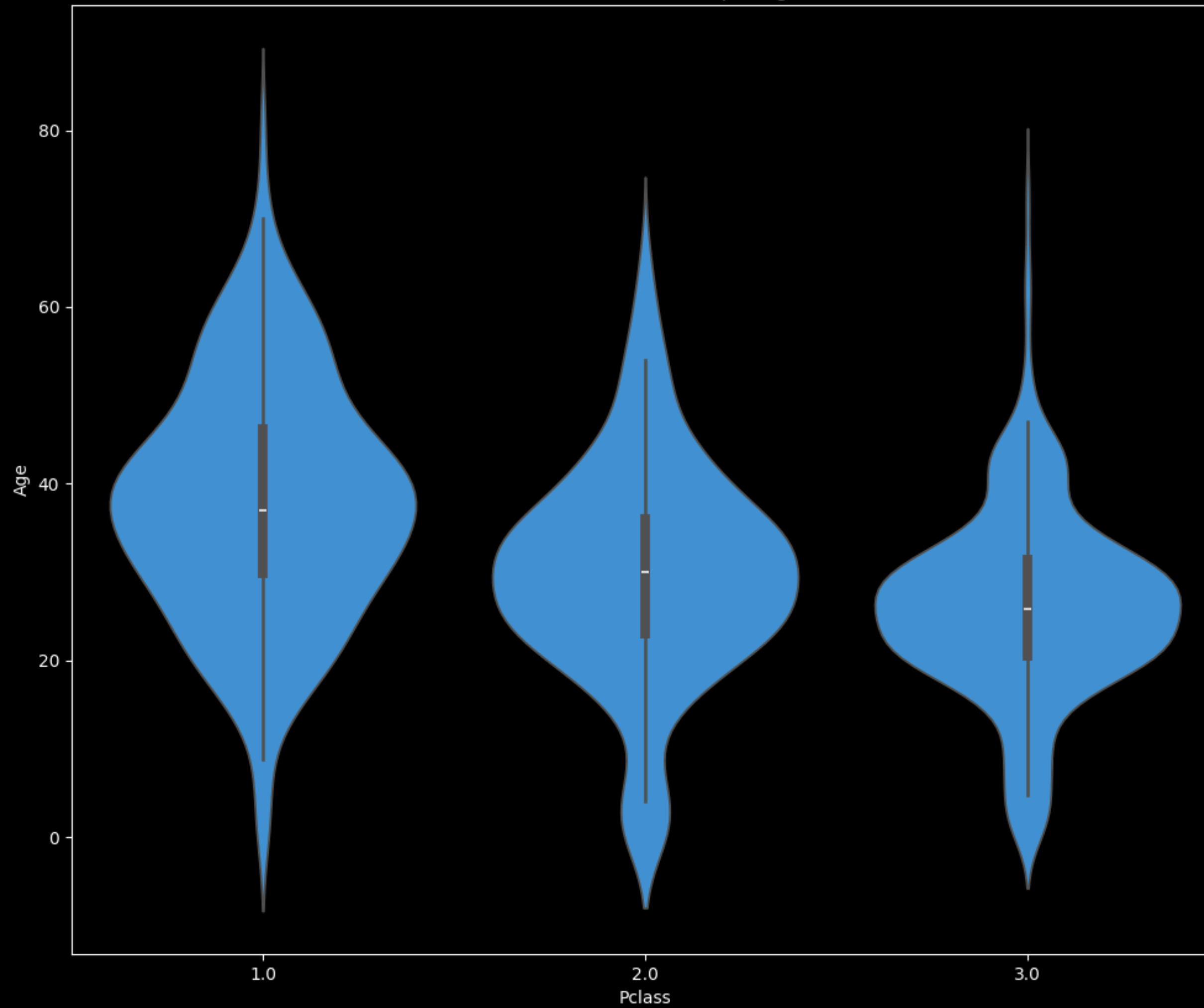
The Embarkation is related to the survival rate?



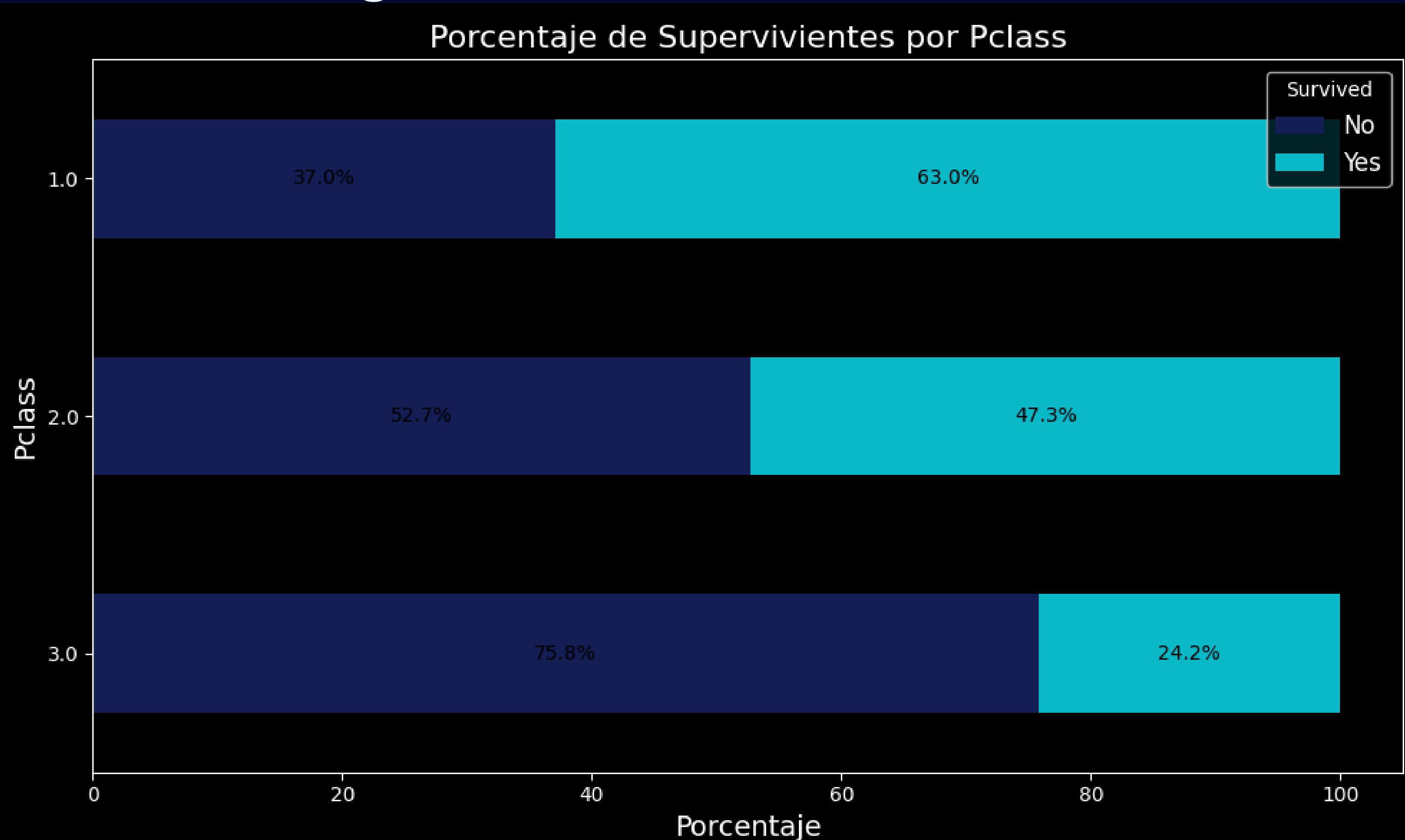
The Passenger Class is related to the Survival Rate?



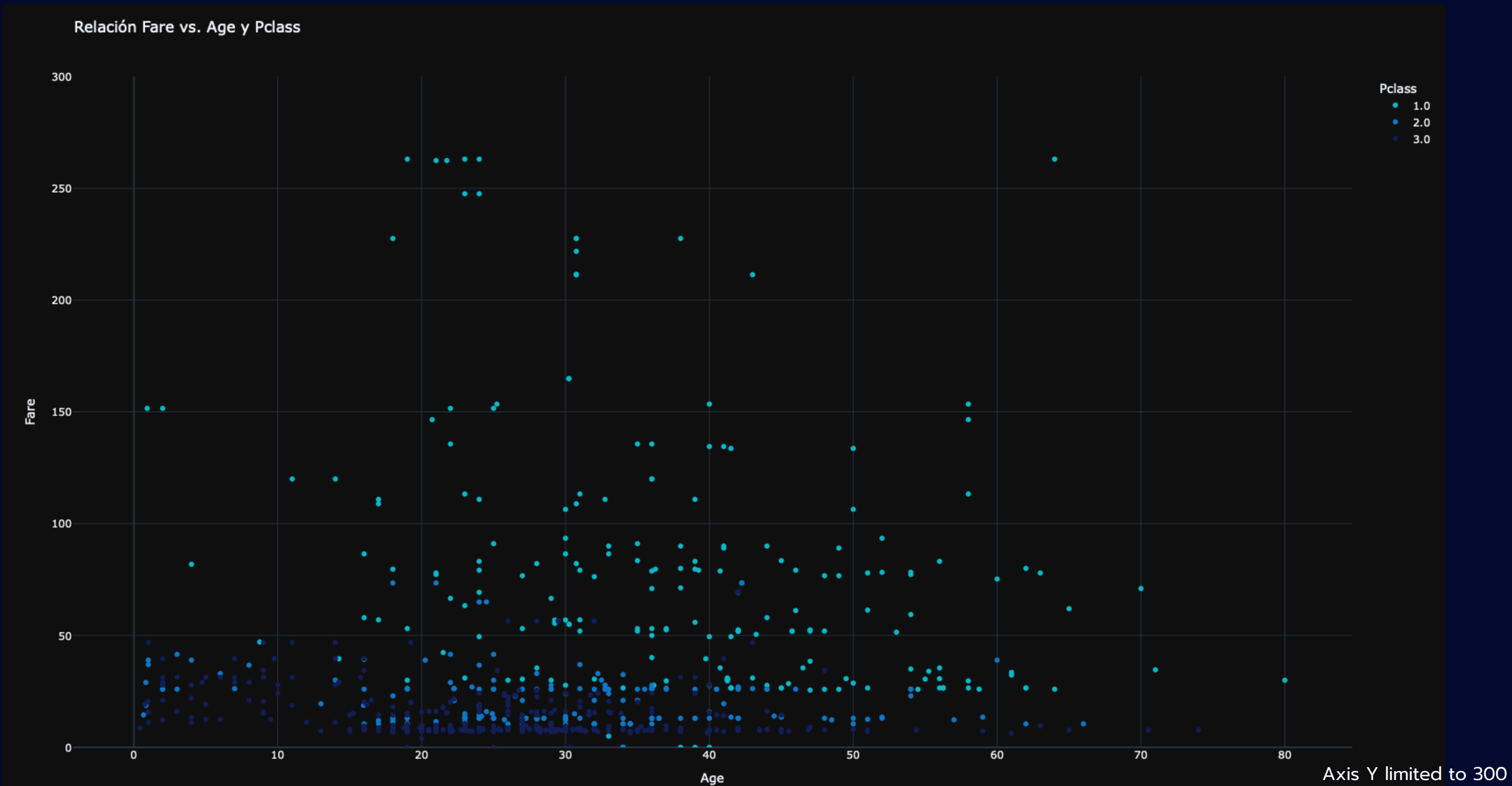
Distribución de Pclass por Age



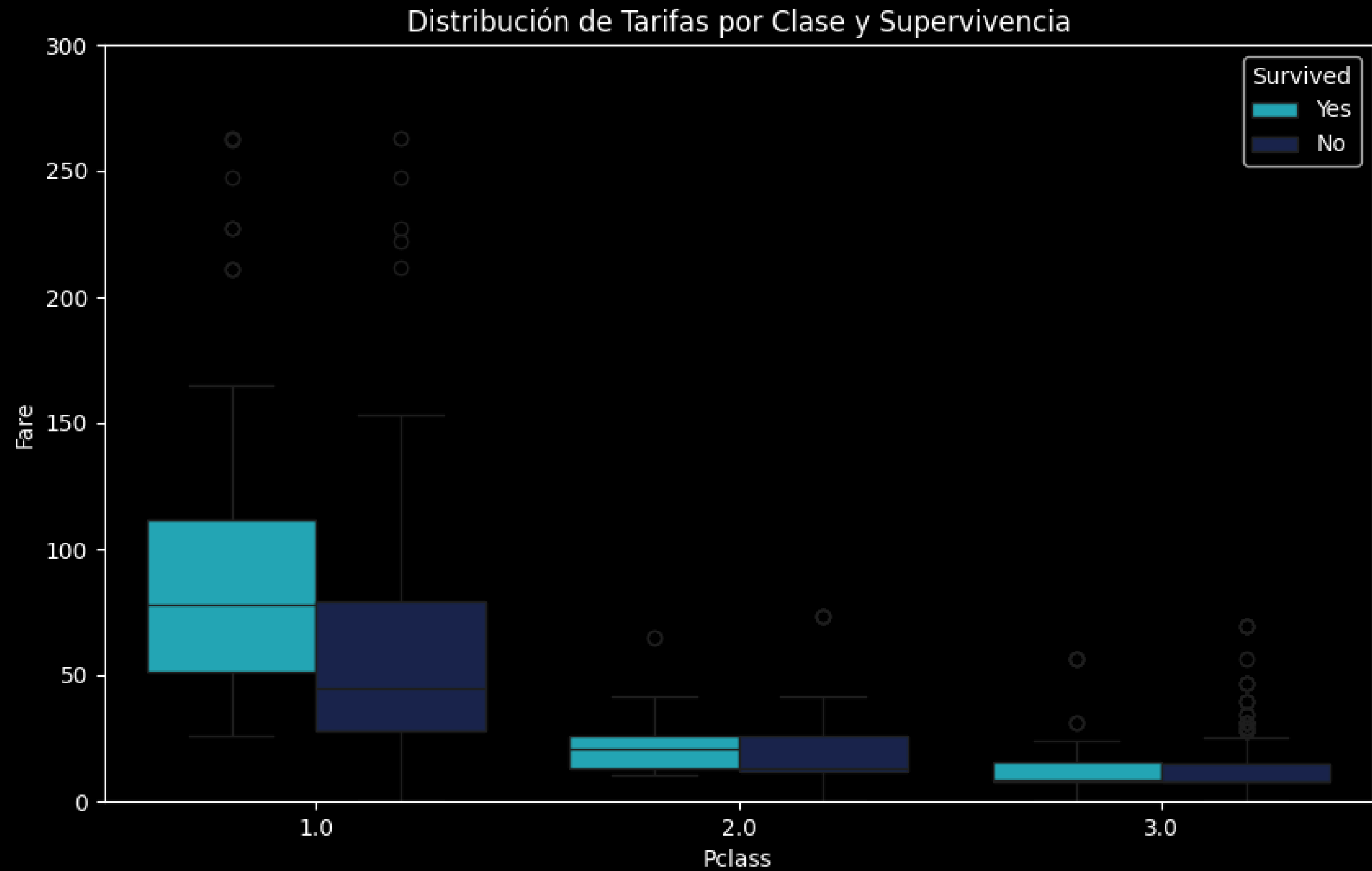
The Passenger Class is related to the Survival Rate?



The Fare is related to the Survival Rate?



The Fare is related to the Survival Rate?



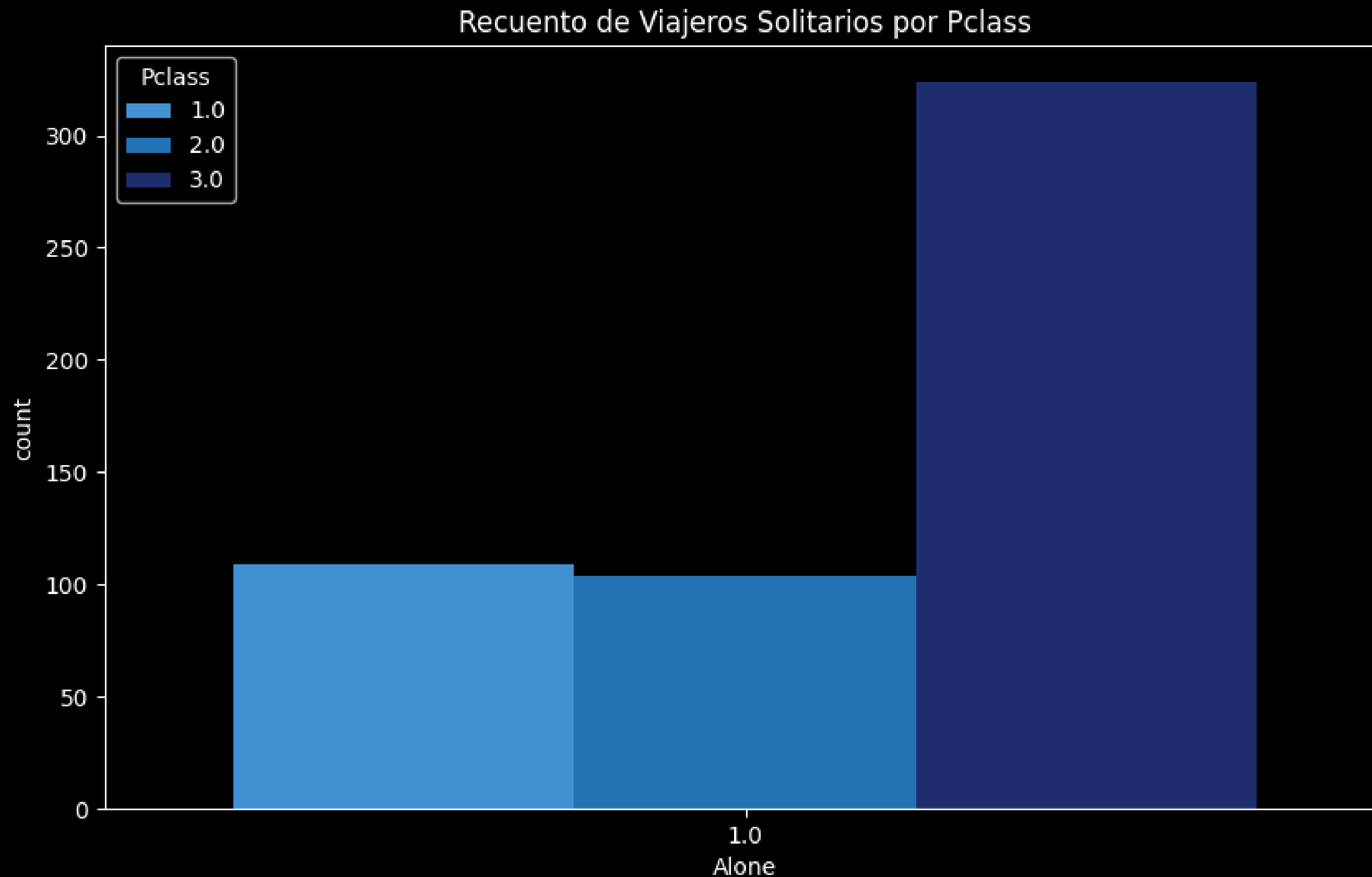
Axis Y limited to 300

The Family Size / Alone is related to the Survival Rate?

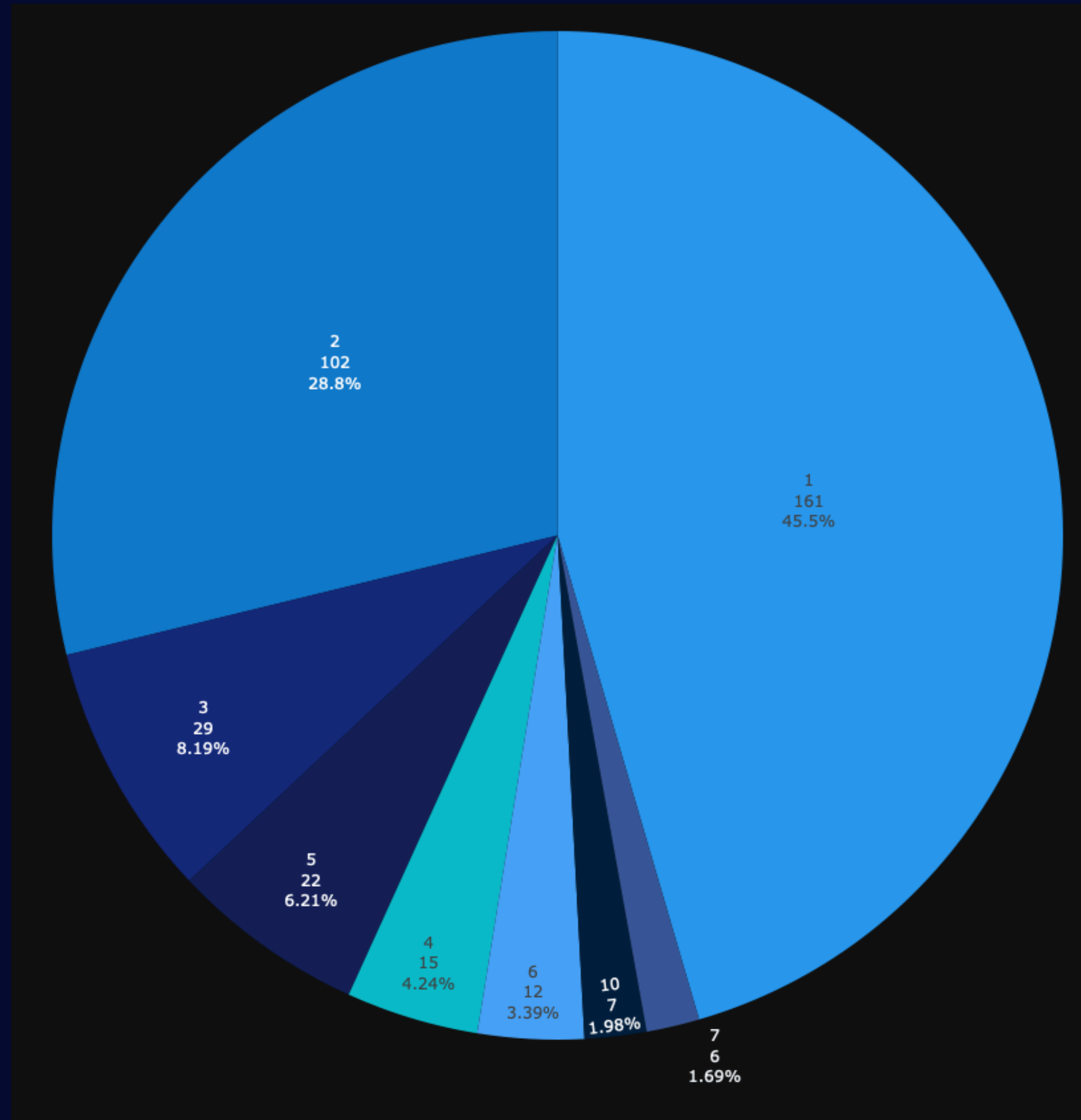
60.27%

Alone rate

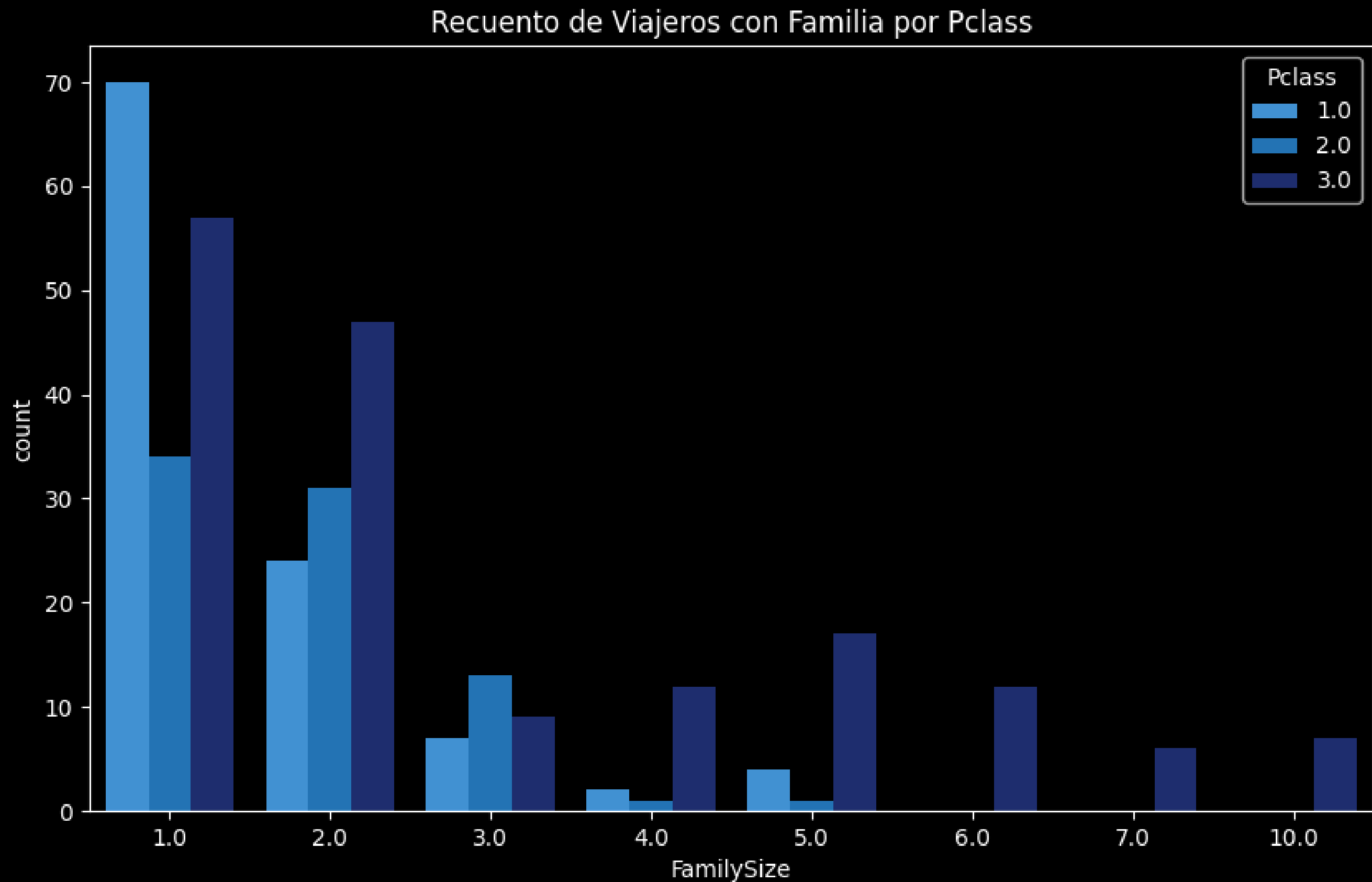
The Family Size / Alone is related to the Survival Rate?



The Family Size / Alone is related to the Survival Rate?



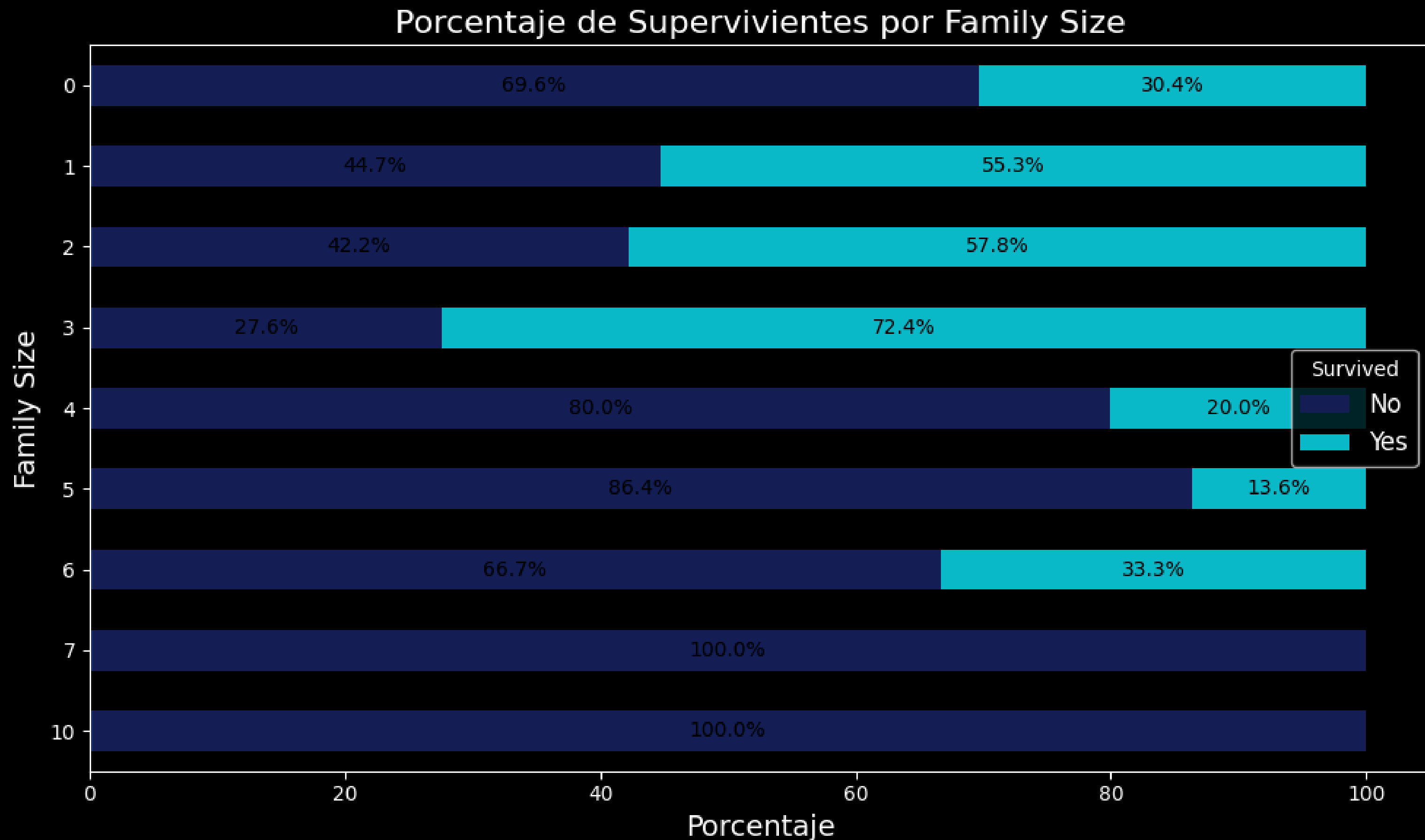
The Family Size / Alone is related to the Survival Rate?



The Family Size / Alone is related to the Survival Rate?



The Family Size / Alone is related to the Survival Rate?



Conclusions

- 1 Embarked: no significant difference in the ratios**
- 2 Pclass: higher survival rate on 1st Class**
- 3 Fare: closely related to Pclass**
- 4 Alone: no significant difference in the ratios**
- 5 Family Size: small size families had higher rates**

Find here the data analysis



<https://github.com/condategui>