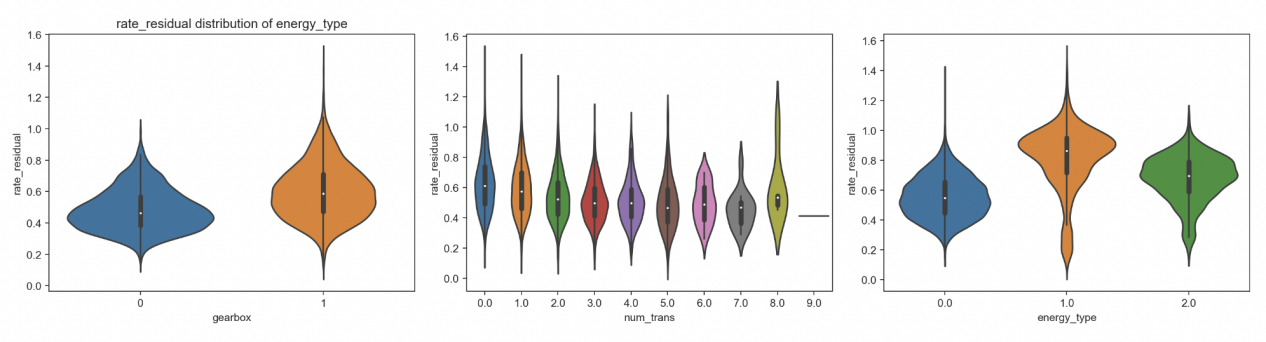
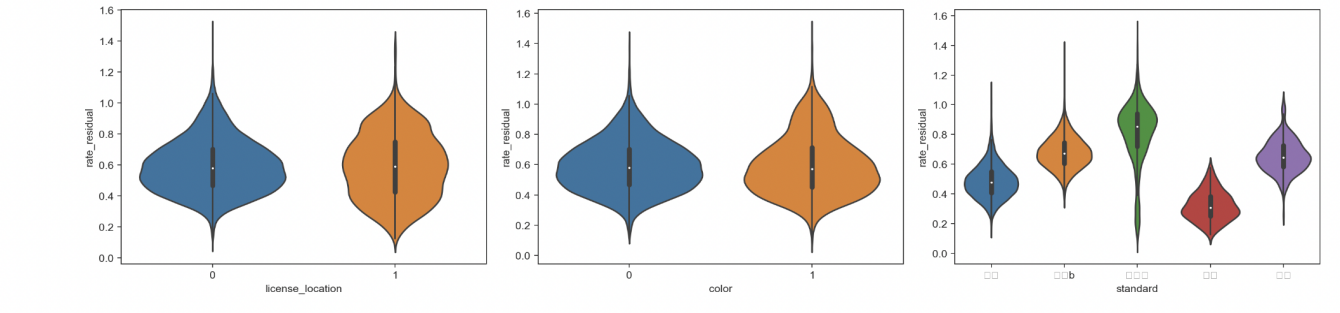
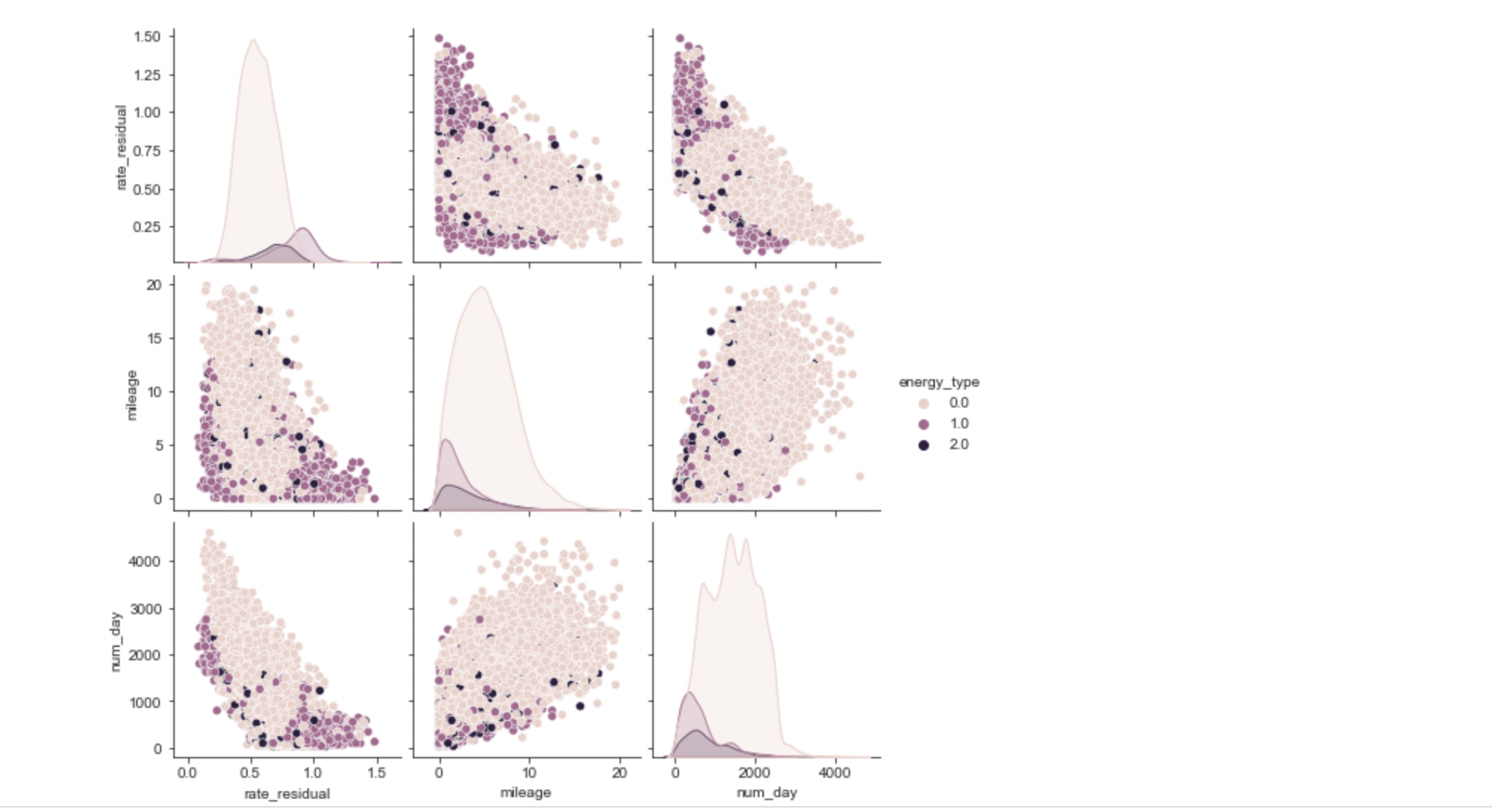
We perform exploratory data analysis on the climbed data, and define a new feature rate\_residual ( rate\_residual = price/price\_new ), and use datetime to calculate the number of days in use (num\_day).

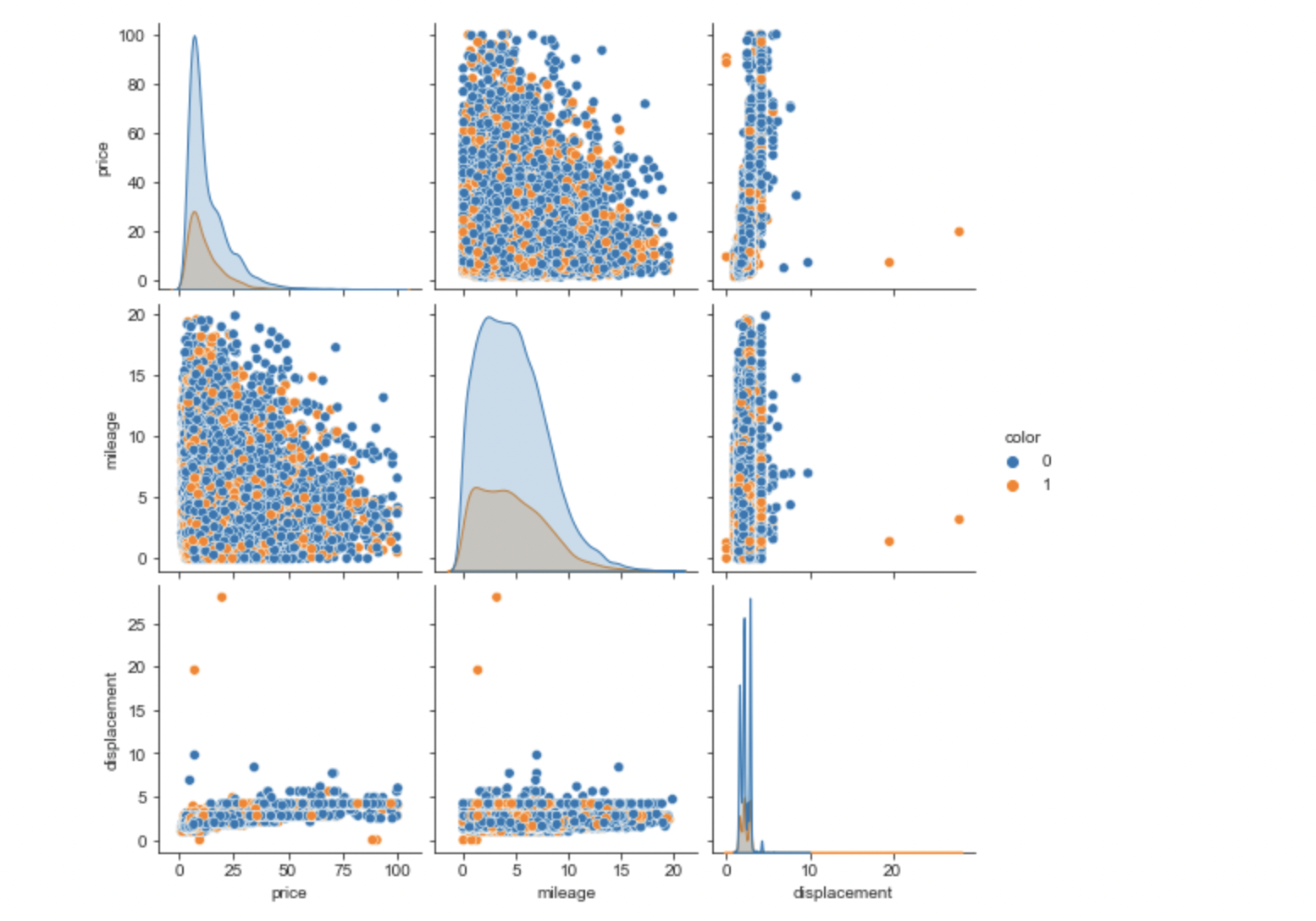
The following figures are the distribution of the preservation rate of different license\_location, different color, different standard, different gearbox, and different num\_trans.



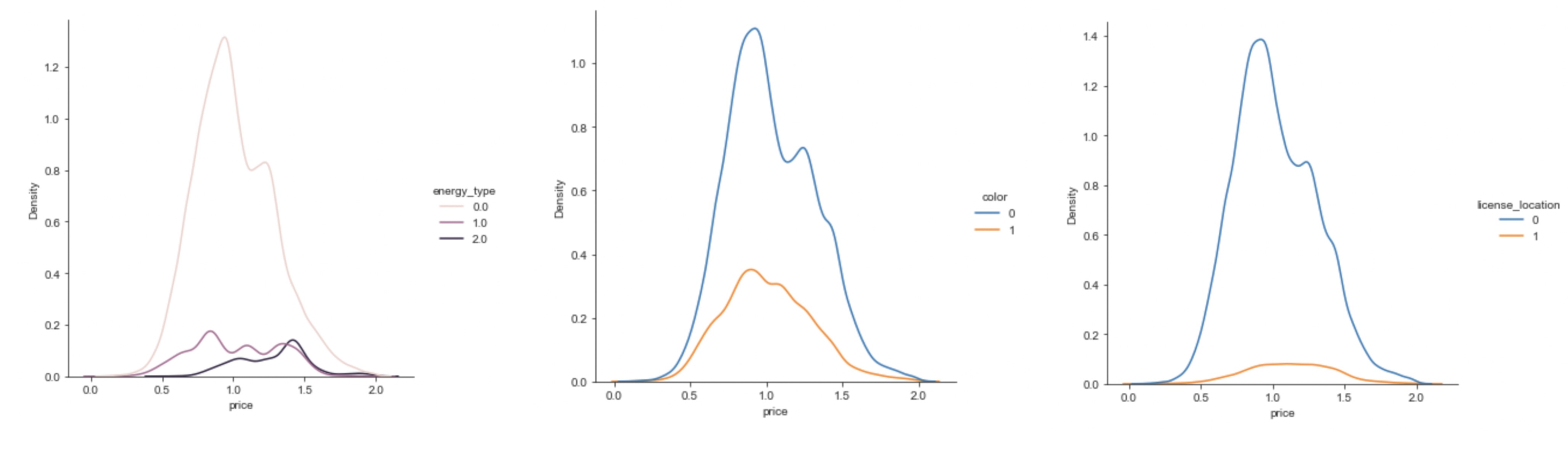
The following figures are the relationship between num\_day, rate\_residual, and mileage under different energy\_type.



The following figures are the relationship between the price, mileage and displacement of used cars of different colors.



The following figures are density distribution under different energy\_type, different color, different license\_location.



The following figure is the correlation between 13 different features shows that price\_new has a great correlation with price, mileage has a sub-correlation with price, and official\_endurance has a certain correlation with price.

