

Seminar paper summary and review

Electric vehicles and fuel vehicles: An empirical analysis

This research basically gets the data to see if vehicles that use fuel will need to pay more overall cost than electric cars or not. This paper data is based on 6 provinces in the US during 2010-2014. There are two research questions in this paper which are in terms of emission cost will electric cars be used instead of fuel cars and second question is will electric cars solve the emission problem in urban areas.

For the Methodology this paper gets the data from American economic review (Hollana,2016) used for analysis about environmental problems. Next, this paper collects the data of many different vehicles in the US during 2010 to 2014, 20 models are from fuel cars and 11 models for electric cars and also have data about the emission that the car can create then analyse the problem. The last methodology is by using regression analysis to see the relationship between dependent and independent variables such as the relationship between the damage that causes emission in every state and the damage from both fuel cars and electric cars.

In conclusion,Electric vehicles do 14.6% less environmental damage than gasoline vehicles, meaning that they are a better option for consumers to consider. The rise in fuel vehicle damage resulted in a 103.9 percent increase in marginal damage, while the increase in electric vehicle damage resulted in an 89 percent increase.

For the comment part overall the paper is good, has all necessary data needed, easy to understand and the research question and answer is very clear but there are still some flaw as some of the data are missing may be due to the limited data he can find as it US data and the R square is quite low in some point so i think we can't use the one that R square is low as it may not relate each other.

