§ why are you investigating this question?

Qustion : **Is there a relation between the attendance for each team and team performance**

We selected it because Korean professional baseball welcomes the 34th anniversary this year. Catching continuing popularity, It has drawn the largest audiences among the whole professional sports.

We think that attendance of baseball game is affected by the team performance. And if not, we want to know what factors affect to the attendance.

§ How are you going to try and answer your question?

* Analyze the relation between each reason variables and result variable.

Regression analysis

* Reason variable

Ranking, Winning rate, batting average, earned run in KBO league by year

Foundation year of each team

* Result variable

The attendance for each team

§ What are the limitations of your question?

* There are international baseball events such as Olympic baseball, Asian game, and World Baseball Classic, and so on. It can't be compared the level of baseball game, and reflect the number of spectator.
* For example, there was big accident known as "Sewol accident" in 2014. By that time, Korean Baseball League prohibited amplifier which induce group support, cheerleading, kiss time during inning change. It can't be measured if it influences the number of audience.
* Baseball League overlaps season time with soccer, basketball and so on. It can't be proved that baseball and the other sports are substitution relation.

§ Who else has answered this question? How will you build upon other work done with this question?

* There are lots of studies of MLB, but there is little study of Korean Baseball league.

So, we want to investigate KBO and we analyze not only winning rate, but also attack-defense ability such as batting average and earned run because those can arouse spectators’ interest.

§ Provide references

* http://www.koreabaseball.com/Default.aspx