

1035-K1-1836 **Klay Kruczek*** (kruczekk@wou.edu), Department of Mathematics, Western Oregon University, 345 N. Monmouth Avenue, Monmouth, OR 97361. *Which Team is the Most Popular?* Preliminary report.

In any sport, there is a debate on which team is the most popular. How can one measure popularity? Is it home attendance, road attendance, total sales of paraphernalia? Of the measures that exist, what is the best measure of popularity in a sport or should we use a combination of measures? In groups of 3-4, students in an Introductory Statistics Course can try to answer this question for the particular sport they are considering. Each group gathers data and comes up with an argument for which team they believe is the most popular in that sport and presents their argument to the class. Each group must also present a written report of their findings, including various media outlets opinion of the most popular team. We will show an example of how this can be done using baseball as our sport. (Received September 20, 2007)