

**Meeting:** 1003, Atlanta, Georgia, MAA CP D1, MAA Session on Mathematics and Sports, I

1003-D1-437      **Jeff Hildebrand\*** (jhildebr@knox.edu), Department of Mathematics Box 132, Knox College, 2 E. South St., Galesburg, IL 61401. *Using attendance in interleague games as a classroom case study.* Preliminary report.

The question “Does interleague play improve attendance, and if so by how much?” is a question that is widely answered incorrectly. This talk discusses how to use this question as a classroom example to introduce the idea of a matched-pair study, explaining the flaws in the normal analysis and discussing the differences generated by a matched-pair analysis. (Received September 14, 2004)