

1135-B1-90

Diana S Cheng* (dcheng@towson.edu), 8000 York Road, Towson, MD 21286, and **Peter Coughlin**. *The Value of Placement: Athletes' Contributions to Figure Skating Teams*.

We demonstrate how the Shapley-Shubik and Banzhaf indices can be used to analyze contributions of athletes to their teams in figure skating team events. We illustrate this approach by analyzing the results from the 2014 Winter Olympic Games figure skating team event. We also discuss additional ways in which the numbers assigned by the equations from power indices can be used in the figure skating context. (Received July 25, 2017)