BILL HURLEY, Royal Military College of Canada
A Valuation Model for NFL and NHL Draft Positions

This paper describes an approach to the valuation of draft positions for the annual NFL and NHL entry drafts. We then use this valuation to evaluate and construct exchanges of draft positions.

TIM SWARTZ, Simon Fraser University
Desperation in Sport

One of the common assumptions in sport is that repeated matches between two teams are characterized as independent and identical trials. This study explores the psychological impact on teams when being ahead and when falling behind in playoff series. A novel aspect of this study is that the data consists of point spreads between teams rather than the more variable match outcomes. Regression models are considered for playoff series in both the National Basketball Association and the National Hockey League. We attempt to quantify the effect of desperation in both of these leagues.

PARAMJIT GILL, University of British Columbia, Okanagan
The Third Period in an NHL Game

With the adoption of the shootout rule in the NHL, ties are eliminated from the standings. A team is awarded two points for a win, zero for a regulation loss and one point for a game lost in overtime/shootout. So, having a game continue into overtime is no longer zero-sum. If game is tied during the third period, does it affect the scoring intensity to keep the game tied? We examine the scoring intensity under different game situations during the course of game. A time-truncated exponential model is used to estimate the goal intensity for rolling 5-minute intervals.