

ANALISIS SISTEM TARUHAN DALAM PERMAINAN ROLET MENGUNAKAN SIMULASI

(Analysis of Betting Systems in a Roulette Game Using Simulation)

CHOONG-YEUN LIONG, JIA-YUAN CHOO & ZAINOL MUSTAFA

ABSTRAK

Sesetengah orang mempercayai bahawa terdapat sistem taruhan yang sering digunakan dalam permainan rolet boleh membantu mereka mengaut keuntungan di kasino. Kajian ini bertujuan untuk memaparkan bahawa tiada pulangan kewangan boleh diperolehi daripada permainan rolet berdasarkan kepada hasil kajian simulasi menggunakan enam sistem taruhan yang popular. Taburan wang bersih yang diperolehi dikaji untuk menilai prestasi sistem taruhan berkenaan. Di bawah andaian bahawa wang bersih sifar sebagai penunjuk kepada pulung modal, taburan wang bersih dikaji berasaskan selang keyakinan 95% terhadap sifar. Oleh sebab had atas dan bawah bagi kesemua selang keyakinan adalah negatif, khususnya untuk kes sistem pembatalan, kajian mendapati kesemua sistem taruhan yang dikaji adalah gimik belaka dan membazirkan wang sahaja.

Kata kunci: rolet; simulasi; sistem taruhan; strategi taruhan

ABSTRACT

Some people believe that certain betting systems that are often used in the roulette game may help them to make money from the casino. The purpose of this research is to demonstrate that no monetary gain is achieved from a roulette game based on the outcomes of a simulation study using six popular betting systems. The distribution of net monies gained is studied in order to evaluate the performance of the betting systems. Under the assumption that the net monies of zero as an indication of a break-even, the distribution of the net monies is studied based on a 95% confidence interval about zero. Since the upper and lower limits of all the confidence intervals are negative, particularly for the case of the cancellation system, this research found that all the betting systems considered are just a gimmick and a waste of money.

Keywords: roulette; simulation; betting system; betting strategy

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Choong-Yeun Liong, Jia-Yuan Choo & Zainol Mustafa

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