

UNIVERSITI TEKNOLOGI MARA

**DIFFERENCES OF PLAYING CHARACTERISTIC
AMONG MALAYSIAN BADMINTON TEAM
BETWEEN WINNING AND LOSING MATCHES IN
SEA GAMES 2017**

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Thesis submitted in partial fulfillment
of the requirements for the degree of
Bachelor of Sport Sciences (Hons.)

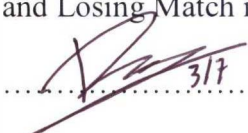
Faculty of Sport Sciences and Recreation

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AUTHOR'S DECLARATION

I declare that the work in this research was carried out in accordance with the regulation of Universiti Teknologi MARA. It is original and is the result of my own work, unless otherwise indicates or acknowledge as references work. This research project has not been submitted to any other academic institution or non-academic institution for any degree of qualification.

I, hereby, acknowledge that have been supplied with Academic Rules and Regulation for Under Graduate, Universiti Teknologi MARA, regulating the conduct of my study and research.

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ABSTRACT

A study made to analyzed the differences of playing characteristic among Malaysian badminton team between winning and losing matches were lack and not clearly discussed in the previous studies. The purpose of this study was to describe and differentiate the playing characteristics among Malaysian badminton team between winning and losing matches in Southeast Asian Games 2017. There were two groups which were winning groups and losing groups. A total of 35 matches in all events involving Malaysian team were taken to be analyzed which was twenty-two (22) winning matches and thirteen (13) losing matches. The playing characteristics that had been analyzed were the type of successful and unsuccessful shots of serve, clear shots, smash shots, drop shots, push shots, drive shots, net shots, lift shots and two type of unforced error which was hit net error and out of court area error. The result was obtained using independent T-test to analyze the differences of playing characteristics between both groups. The data shown that the playing characteristics that had a significant difference ($p < 0.05$) between the winning groups and the losing groups were successful net shots ($t(33) = -2.382, p = 0.023$), unsuccessful net shots ($t(32.634) = -3.035, p = 0.005$), unsuccessful lift shots ($t(33) = -4.052, p < 0.001$), hit net error ($t(33) = -2.500, p = 0.018$), and out of court area error ($t(32.802) = -2.142, p = 0.040$). To conclude, the data shown that winning groups and losing groups have a significant difference in the amount of successful net shots, unsuccessful net shots, unsuccessful lift shots, hit the net error and out of court area error.

Keywords: badminton, playing characteristics, Malaysian badminton team, Southeast Asian Games 2017

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