

Panupong Rungmitjaratsaeng 2014: An Analysis of Goal Scoring of Spain National Team in World Cup 2010 and European Football Championship 2012. Master of Science (Sports Science), Major Field: Sports Science, Faculty of Sports Science.
Thesis Advisor: Niromlée Makaje, Ph.D. 78 pages

The purposes of this research were to analyze goal scoring patterns and to compare the variables related to the efficiency of goal scoring of the Spain National Team during the World Cup 2010 and the European Football Championship 2012. Data analysis were obtained from 7 matches from the World Cup 2010 and 6 matches from the European Football Championship 2012 in which Spain National Team participated. The obtained data were analyzed in terms of frequency, percentage and t-test dependent at $p < 0.05$.

The result showed that the goal scoring tactic which was most frequently used by Spain national team in World Cup 2010 was wall pass and back pass (37.5%), the most used shooting skill technique was inside of the foot (50%), the most used period time of goal scoring was 16-30 minutes and 61-75 minutes (25%), the most area of goal scoring was middle of the penalty area (62.5%), the most scorer position was the attacker (62.5%) and one touch shooting most frequently used for goal scoring (50%). In the European Football Championship 2012, the most tactic of goal scoring was wall pass (41.6%), the most used shooting skill technique was inside of the foot (33.4%), the most used period time of goal scoring was 76-90 minutes (41.7%), the most area of goal scoring was middle of the penalty area (33.3%), the most scorer position was the midfielder (58.3%) and one touch shooting most frequently used for goal scoring (50%). Furthermore, The number of goal scoring, number of shot on goal, number of shot on target, number of corners kicks, shot to goal ratio and ball possession were no significant difference between World Cup 2010 and European Football Championship 2012 ($P > 0.05$) However, number of shot off target in World Cup 2010 more than European Football Championship 2012 ($P < 0.05$)

Student's signature

Thesis Advisor's signature