

**THE CONTRIBUTION OF AGILITY, EYE-HAND COORDINATION, AND ARM
POWER ON FORHAND TOPSIN PRECISION OF MALE ATHLETES IN JUNIOR
AND SENIOR HIGH SCHOOL LEVELS IN INDONESIA TABLE TENNIS UNION
CLUB (PTMSI) OF MAGELANG DISCTRICT**

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POWER ON FORHAND TOPSPIN ACCURACY OF JUNIOR AND SENIOR HIGH
SCHOOL MALE ATHLETES FROM INDONESIA TABLE TENNIS UNION CLUB
(PTMSI) IN MAGELANG REGENCY**

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ABSTRACT

The study aimed to determine the contribution of agility, eye-hand coordination, and arm power to the accuracy of the forehand topspin performed by junior and high school male athletes from the Indonesia Table Tennis Union Club (PTMSI) in Magelang Regency. This study is experimental research with a quasi-experimental design and the Pre-test-Post-test Control Group Design as the research method. The sampling technique used in this study was purposive sampling, which successfully chose 30 male junior and high school athletes who were active in the PTMSI club, Magelang Regency, and were already familiar with the forehand topspin technique. The population in this study were all table tennis athletes at the PTMSI club, Magelang Regency. The researcher conducted a pre-test, a treatment, and a post-test to collect the data. The regression correlation test was applied to analyze the data collected.

The results showed that agility, eye-hand coordination, and arm power had effective contributions to the forehand topspin stroke of junior and high school male athletes at the PTMSI club, Magelang Regency. The agility contributed by 30.96%, eye-hand by 38.85%, and arm power by 5.58%. As for the whole, agility, eye-hand coordination, and arm power contributed effectiveness to the forehand accuracy by 75.4%.

Keywords: agility. Eye-hand coordination, arm power, forhand tospin accuracy