

# 不同運動項目女子選手動體視力之比較

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## 摘要

Purpose: the purpose of this study was to compare the Dynamic Visual Acuity among female athletes in volleyball, taekwondo, archery, swim, PE related students, and non-athletes. Method: 72 subjects participated voluntarily this study. 60 subjects were students of Taipei Physical Education College, and 12 female students without sports team were recruited from Chung Hua University. All subjects measured DVA-Right, DVA-Left, DVA-Down, and DVA-Up by using ATHLEVISION software. The Kruskal-Wallis independent sample test was used to statistic all data. Results: The results of this study showed that athletes of volleyball, taekwondo, archery and swim all have better DVA than PE related students and non-athletes ( $p < .05$ ). Athletes of taekwondo and archery also have better DVA than swim athletes ( $p < .05$ ). Conclusion: The findings suggested that there was different DVA level among female athletes in sport events. Some athletes have better DVA level. Particularly, athletes in volleyball and taekwondo whom do the proper reaction highly based on environment changed, as well as athletes in archery whom need to aim the target.

關鍵字: sports vision, volleyball, taekwondo, archery, swimming.