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Abstract

Pizur-Barnekow, K., & Knutson, J. (2009).
A Comparison of the Personality Dimensions and
Behavior Changes that Occur During Solitary
and Co-occupation.
Journal of Occupational Science, 16(3), 157-162.

Objective: This exploratory study is part of a larger research project that investigated the physiological, psychological and behavioral aspects of engagement in occupation. The objective of the study reported here was to examine the differences in behavioral and personality characteristics during participation in a shared activity (co-occupation) and in a solitary activity (solitary occupation).
Method: Twelve healthy college students aged 19-24 years old participated in Yahtzee with two levels of engagement (solitary and co-occupation). Behavior was video recorded, coded and analyzed. Personality style was determined using the NEO-FFI. Non-parametric statistics determined the differences in behavior of each subject across both types of engagement (solitary versus co-occupation). Spearman rank (Spearman's rho) correlation coefficient and independent T-tests were used to determine the relation and differences between personality, behavior and type of engagement.
Results: Statistically significant differences in behavior performance were found across type of engagement (co-occupation versus solitary). There were no statistically significant findings related to the type of personality.
Conclusion: Engagement in the co-occupation of game playing may influence information exchange behaviors and physicality behaviors. The findings lend support to Pickens and Pizur-Barnekow's model of co-occupation, which proposes that co-occupation is characterized by shared physicality and emotionality.

Key words: Co-occupation (共作業), Personality (パーソナリティー), Information exchange (情報交換), Physicality (身体性)

個別作業と共作業における性格 personality と行動変化の比較

目的：この先駆的研究は作業従事における生理学的、心理学的、行動的側面を探る大規模なリサーチプロジェクトの一部である。ここに報告する研究の目的は、共有される活動（共作業）と個別活動（個別作業）の参加における、行動と性格 (personality) 特性の違いを調べることである。方法 19-24歳の健康な大学生が2種類の従事レベル(個別と共作業)のYahtzee*に参加した。行動はビデオに録画され、コード化、分析された。性格の型はNEO-FFIを使って決められた。ノンパラメトリックス統計を使って、各学生の個別および共作業に従事しているときの行動の違いを決定した。パーソナリティー、行動、従事レベル間における相関と有意差を決定するために、スピアマンとT検定を使った。結果：共作業の行動と個別作業の行動には統計的に著明な差異が見られた。性格の型に関する著明な差はなかった。結語：共作業でのゲーム従事は、情報交換の行動、身体行動に影響を及ぼすかもしれない。この研究所見は、共作業は身体面と情緒面の共有によって特徴づけられるという Pickens and Pizur-Barnekowのモデルを支持する。(訳：小田原 悦子)

*訳者註：Yahtzeeとは、ソリタリスと類似のコンピュータゲームである。

Translated by Etsuko Odawara, PhD, OTR/L
Division of Occupational Therapy, School of Rehabilitation Sciences
Seirei Christopher University