

## Modeling the Intermediary Role of Communication Skills on the Impact of Metacognitive Beliefs on the Creativity of Physical Education Teachers

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### Introduction

To achieve important goals in the field of physical education, the country's education and training organization needs teachers with strong communication skills, high social skills, and motivated and creative teachers to implement the set programs and realize the objectives of the physical education lesson.

### Method

In this research, the mediating role of communication skills in the influence of metacognitive beliefs on the creativity of physical education teachers was investigated. This research was of applied research type and in terms of purpose, it was descriptive-correlation type of structural model type, which was conducted in the field and using a questionnaire. The statistical population of the research included all physical education teachers of the first secondary school in the 4 regions of Ahvaz city, numbering 425 people; According to the table of Karjesi and Morgan, the statistical sample was determined as 182 people. The sampling method in this research was relatively random. The data collection tools include 3 standard questionnaires of seven communication skills (Qassimi, 2017), the creativity

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questionnaire of Lee et al. (2014), and the questionnaire of Beyer's metacognitive beliefs (2011), which were used after checking validity and reliability. In this research, descriptive statistics were used to organize, summarize, classify the raw scores, describe the sample sizes, and analyze the data, first, the assumption of using modeling, i.e. the collinearity test, was examined, and then to test the hypotheses from the structural equation modeling method and specifically from Partial least squares approach was used using Smart-PLS and SPSS software.

## Results

The results of the research showed that metacognitive beliefs have a direct and significant effect on the communication skills of physical education teachers in Ahvaz. It was also found that metacognitive beliefs have an effect on the communication skills of physical education teachers in Ahvaz, and communication skills had a direct effect on the creativity of physical education teachers in Ahvaz by 0.38.

## Discussion

According to the results of the research, holding conferences, workshops, and training courses to improve the abilities and creativity of physical education teachers to succeed in teaching and achieve educational goals, as well as planning to design a system for selecting physical education teachers based on appropriate personality traits and planning It is recommended to select and employ teachers with creative talents and communication skills.

**Keyword:** Communication skills, Metacognitive Belief, Creativity, Physical Education Teacher.

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