

عنوان مقاله:

Investigating and Prioritizing Factors Affecting Health Literacy in University Students of Yazd Using Artificial Neural Network Technique

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خلاصه مقاله:

Background: Current university students are potential and actual parents of future generations. The level of their health literacy affects health and health literacy level of future generations. Therefore, the purpose of the present study was investigating and prioritizing the factors affecting the health literacy of students in Yazd (a city in central Iran) using an artificial neural network technique. Methods: This study was cross-sectional and descriptive and it was conducted on ۴۰۰ university students in Yazd during autumn ۲۰۱۸. Data were collected using a questionnaire on health literacy and ۱۴ independent variables. Data were analyzed with SPSS software via descriptive statistics, one sample T-test, and artificial neural network. Results: The mean of studentschr('۳۹') health literacy was ۸۰.۶۵ ± ۱۲.۲۱ . The most important factors affecting the level of studentschr('۳۹') health literacy were the grade, college, fatherschr('۳۹') education level, age, and residence. Conclusion: Since grade had the greatest impact on health literacy of students, it is suggested that university officials consider the campus to hold classes, lectures, workshops and distribute appropriate resources such as brochures, booklets among students and also provide health information stations at locations such as dining room, university entrance, and dormitory to promote studentschr('۳۹') health literacy in lower grades.

کلمات کلیدی:

Health Literacy, Neural Networks, Students, سواد سلامت, شبکه عصبی, دانشجویان

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