Regional Differences in Entrepreneurial Intention of College Students May Exacerbate Regional Economic Gap

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According to the result of the grey absolute correlation, the numerical value was clustered by the clustering map method. According to the numerical characteristics, k-means clustering was used. Three clusters were obtained for the numerical cluster contained in B. Among them, the third cluster was the most significant. Therefore, the following conclusions can be drawn:

1. The first cluster includes Changzhou College, Nantong College, and Yangzhou College. These institutions have a high level of entrepreneurial intention.
2. The second cluster includes Xihua College, Xuzhou Normal University, and Huaihai Engineering University. These institutions have a medium level of entrepreneurial intention.
3. The third cluster includes Lianyungang University, Xuzhou Normal University, and Jiangsu University. These institutions have a low level of entrepreneurial intention.

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This paper is structured as follows: In the next section, we provide a brief overview of the literature and build recursive links between regional economic development and entrepreneurial intention from the perspective of personal background, personal characteristics, environment, and other factors. Previous several studies have confirmed that some of the regional elements can explain regional differences in entrepreneurial intention.

Scholars further studied the influence of education levels on entrepreneurial intention. For example, a study by Wang and Lin (2018) determined that the entrepreneurial intention of college students was positively correlated with their educational background. This finding aligns with the theory of human capital, which posits that higher education levels lead to greater entrepreneurial intention.