

## Research on The Contribution of Higher Education to Economic Growth in The Silk Road Economic Belt\*

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### Abstract

Based on the Cobb-Douglas production function, the contribution rate of higher education to economic growth in the provinces of the Silk Road Economic Belt in the past 16 years is comprehensively calculated using Dennison's growth factor analysis method. The results show that the contribution rate of higher education to economic growth in the Silk Road Economic Belt is low, which is lower than the national average level. Low investment in higher education, few high-level universities and serious brain drain are the main reasons for the low economic contribution rate of higher education in the Silk Road Economic Belt. The main ways to improve the contribution rate of higher education to economic growth in the provinces of the Silk Road Economic Belt are as follows: increase the investment in higher education, optimize the allocation of higher education resources; Further improve the running water level of colleges and universities, improve the quality of talent training; Strengthen the construction of teachers and enhance the soft power of higher education; We will improve the mechanism for attracting and retaining employees and create a favorable environment for development.

**Keywords:** Silk Economic Belt; Higher education; Economic growth.