

SUMMARY OF MASTER'S DISSERTATION

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Title			
Evaluation of Macro Factors of the Competitiveness in the Manufacturing Industry			
Abstract			
<p>Japan has been losing its international competitiveness since the early 2000s. However, the index used to measure global competitiveness does not necessarily express the actual condition of the manufacturing industry. The IMD competitiveness index is used as the index of global competitiveness in a white paper of civil service. The index was created to rank the competitiveness of every country based on economic indicators and managerial interviews, this also included tourist income, which has very little relationship with the actual manufacturing industry.</p> <p>After analyzing changes in the definition of the global competitiveness of the manufacturing industry in Japan by the time series, the domestic factor and the international factor, competitiveness factors were extracted from surveys of the engineers and management who are engaged in the manufacturing industry. As a result, the actual competitive index only considers the trading volume of object, and it turns out that the trading volume of an overseas subsidiary of a company which had been increasing in recent years was disregarded. When such an index is used and domestic production changes to production at an overseas subsidiary, the quantity of production of the country's companies were not changed, it was computed as a decline in the competitive power of the country, and deviation with the actual condition occurred.</p> <p>The purpose of this paper is as follows ;.</p> <p>[1] To make a competitive index that considers the trading volume of overseas subsidiaries [2] To specify factors which affect the above-mentioned index</p> <p>The results of the calculation can be concluded as follows;</p> <p>[1] As a result of correlation analysis, global competitiveness correlates directly with exchange rate, labor productive population, and material price index. [2] Global competitiveness has a positive relationship with the exchange rate and a negative relationship with wages based on results of the correlation analysis, the factors, directly influence the export price strongly.</p>			
Key Word(5 words)			
Competitiveness, Manufacturing Industry, Correlation Analysis, Regression Analysis, Factor Analysis			