

## **Market Access, Supply Access and Geographic Concentration of Manufactures in China: A Interregional Input-output Approach**

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In past decades, manufacturing sectors continue to concentrate into the coastal regions which have enlarged regional disparity between the coastal regions and the inland areas in China. Exploring why manufactures continue to concentrate into the coastal regions may help gain an insight into China's regional inequality. New Economic Geography (NEG) has provided a new analysis framework which attributes the centripetal forces to market access (MA) and supply access (SA). So far, there have been plenty of empirical analysis proved the role of MA and SA played in spatial inequality both from national level and regional level. However evidences are still lack at sector level and especially little attention paid to China. This paper examined the effects of MA and SA on changes in spatial distribution of manufactures in China based on interregional input-output analysis. Firstly, changes in spatial distribution of manufactures by four-digit sectors and sector-based market access and supply access are measured by using China interregional IO table 2002 and China Market Statistics Yearbook. Based on this work, the determinants of changes in spatial distribution of manufactures are examined with an emphasis on the effects of MA and SA. The results indicate that MA and SA indeed play an important role in changes in spatial distribution of manufactures; however the effects of MA and SA vary across the regions and sectors. Downstream sectors and upstream sectors, primary sectors and processing sectors, both have discrepant performance in agglomeration and are affected by MA and SA differently.