



## 17th International Input-Output Conference

**TITLE: ESTIMATION OF THE INTER-REGIONAL TRADE FLOWS DURING 2000-2005 IN SOUTH KOREA**

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**KEYWORDS: INTER-REGIONAL TRADE FLOW ; INTER REGIONAL INPUT-OUTPUT AN ;**

**PAPER CONFERENCE CODE: 213**

**FULL PAPER IN CD?: NO**

**ABSTRACT:**

Inter Regional Input Output (IRIO) is useful tool for analyzing region's economic development. One of important part of estimation in IRIO is the inter-regional trade flow. There are two approaches for estimation of trade flow: direct survey approach and model based approach. The model based approach is usually adopted because conducting survey could be difficult due to higher survey cost and lower response rate. Meanwhile, year 2003 IRIO table for 6 metropolitan cities was firstly constructed by Bank of Korea in 2005. Thus the inter-regional trade flow from direct survey could be estimated using this IRIO. However, the compilation was not enough for practical regional economic policy in regions and industries to be covered. In this context, this paper aims to estimate inter-regional trade flows by industry sector using model based (non-survey) methods with focusing on service sector for 16 regions in 2005