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TITLE: THE TRANSPORT SYSTEM AS DETERMINANT OF PATTERNS OF LINKAGES AND MULTIPLIERS: A MULTI-REGIONAL INPUT-OUTPUT MODEL FOR SÃO PAULO'S ROADS

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ABSTRACT:

One of the hypotheses of New Economic Geography and the Location Theory is that urban agglomerations and infrastructure investments affects the economic development through the existence of externalities and multiplier effects. The infrastructure and especially the transport system becomes determinants of economic development, because it affects the location of production, the investments, the combination of production factors, the flow of people and goods, among others. This paper aims to show how the 7 main roads of the Brazilian state of São Paulo (Rio-Santos, Fernão-Dias, Anhanguera-Bandeirantes, Marechal Rondon, Raposo Tavares and Régis Bittencourt) relate to the metropolitan region of São Paulo and other Brazilian macro-regions (North, Northeast, Midwest, Rest of Southeast and South), influencing the national and regional productive structure under a multi-regional input-output system for 13 regions and 20 industries which intends to examine the multipliers effects in production, income and employment.