

Functional Income Distribution in the Chilean Mining Sector: An Input-Output Approach.

By

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Acknowledge

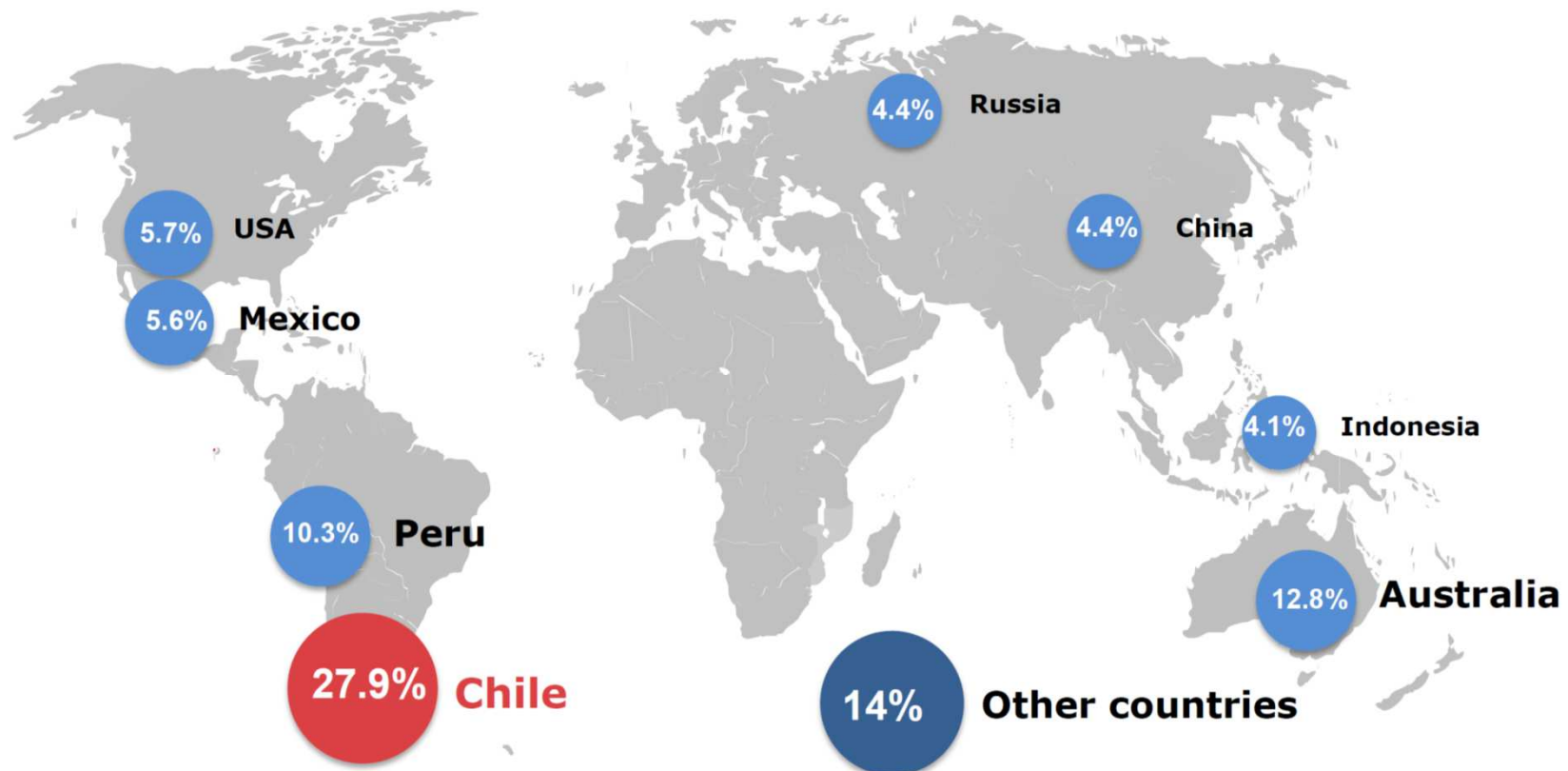
- Organization of the Conference
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- Support from COES (Centre for Conflict and Cohesion Studies – FONDAP/CONICYT # 15130009)

Chile in numbers

- Surface territorial area: 756,950 km² (2)
- position 37 in the world
- Population: 17.4 million (2012 estimate) (2)
- position 60 in the world
- GDP 2013: US\$ 277,196 million (1)
- position 37 in the world
- GDP PPP: US\$ 386,071 million (3)
- position 41 in the world
- GDP per capita: US\$ 15,732 (3)
- position 44 in the world
- GDP per capita PPP: US\$ 21,911 (3)
- position 51 in the world
- Mining GDP: 11.1%

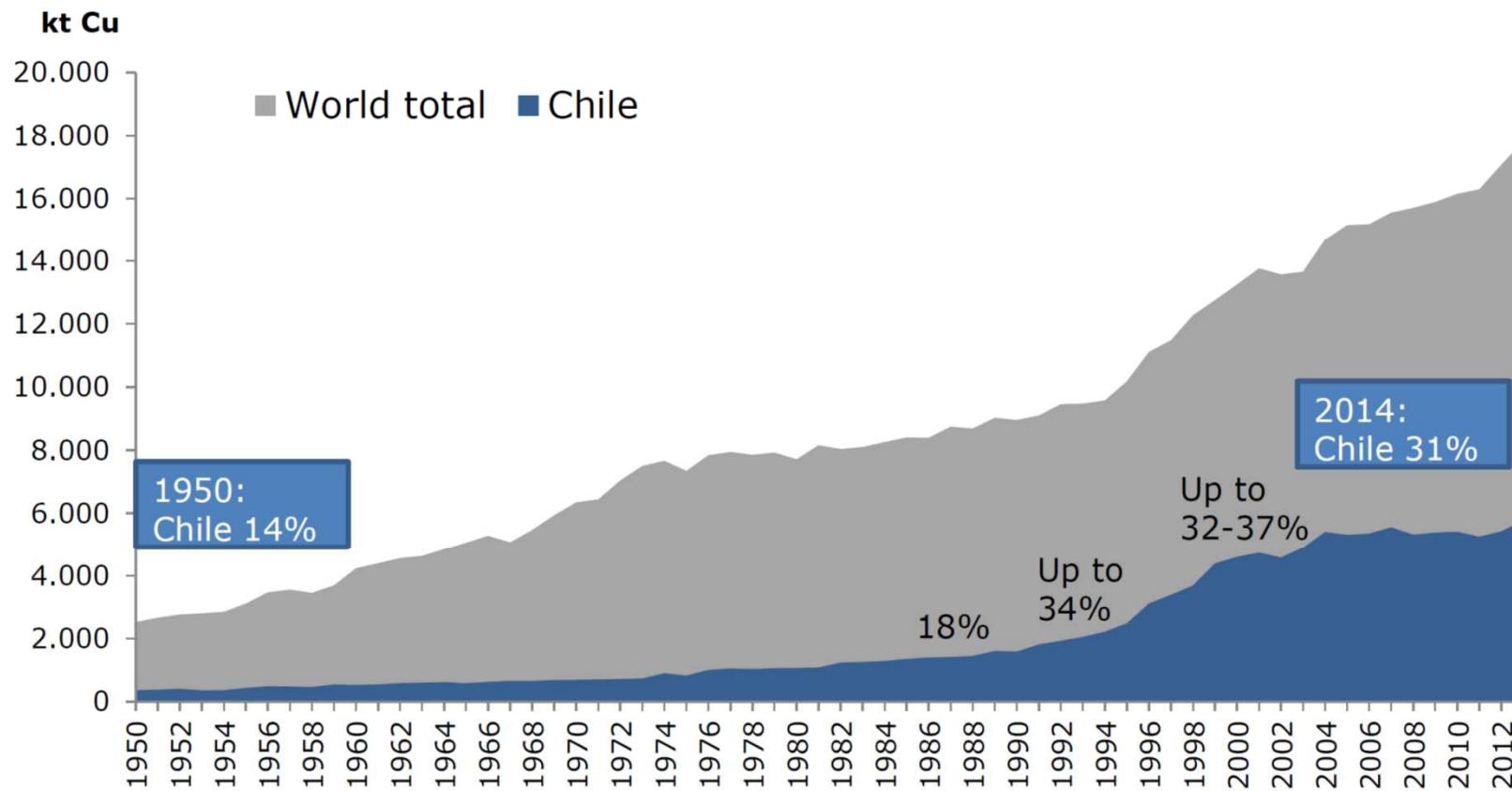


Geological potential



Source: USGS Mineral Commodity Summaries (2014)

World copper mining participation



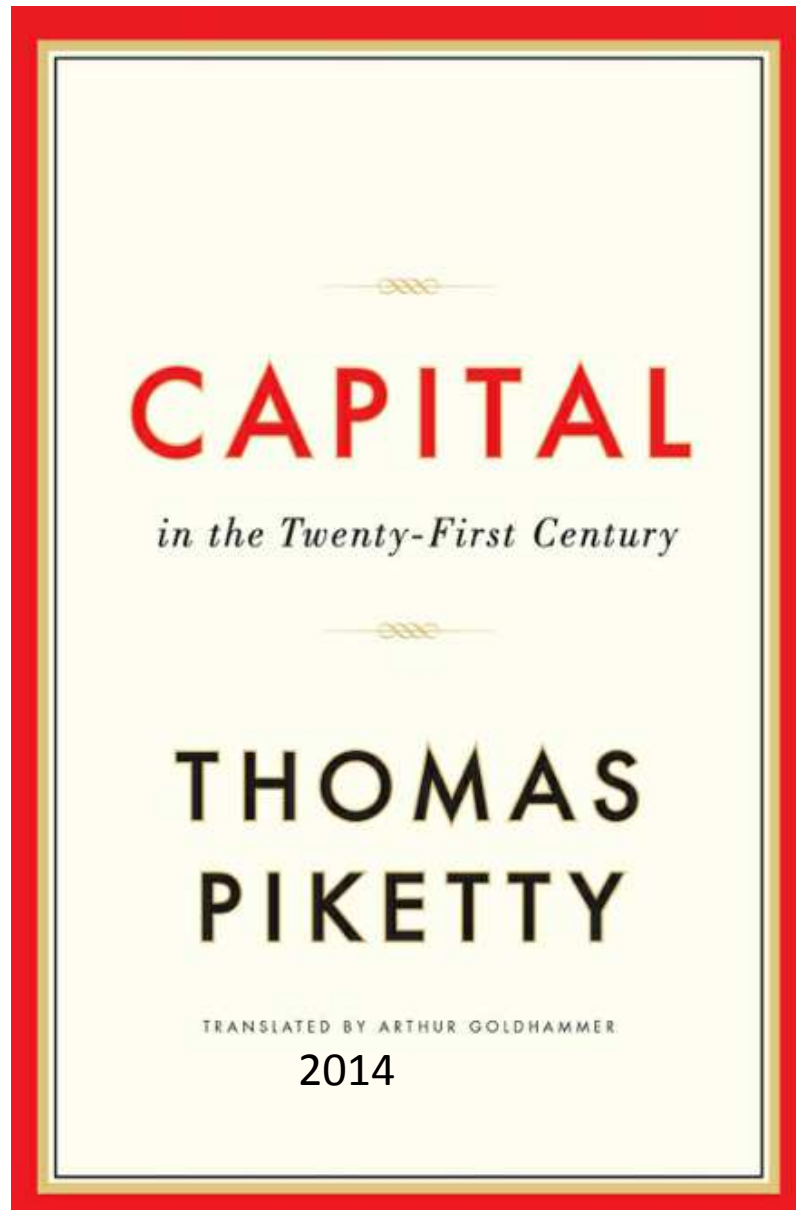
Source: COCHILCO, WBMS and Wood Mackenzie

Criticizing society



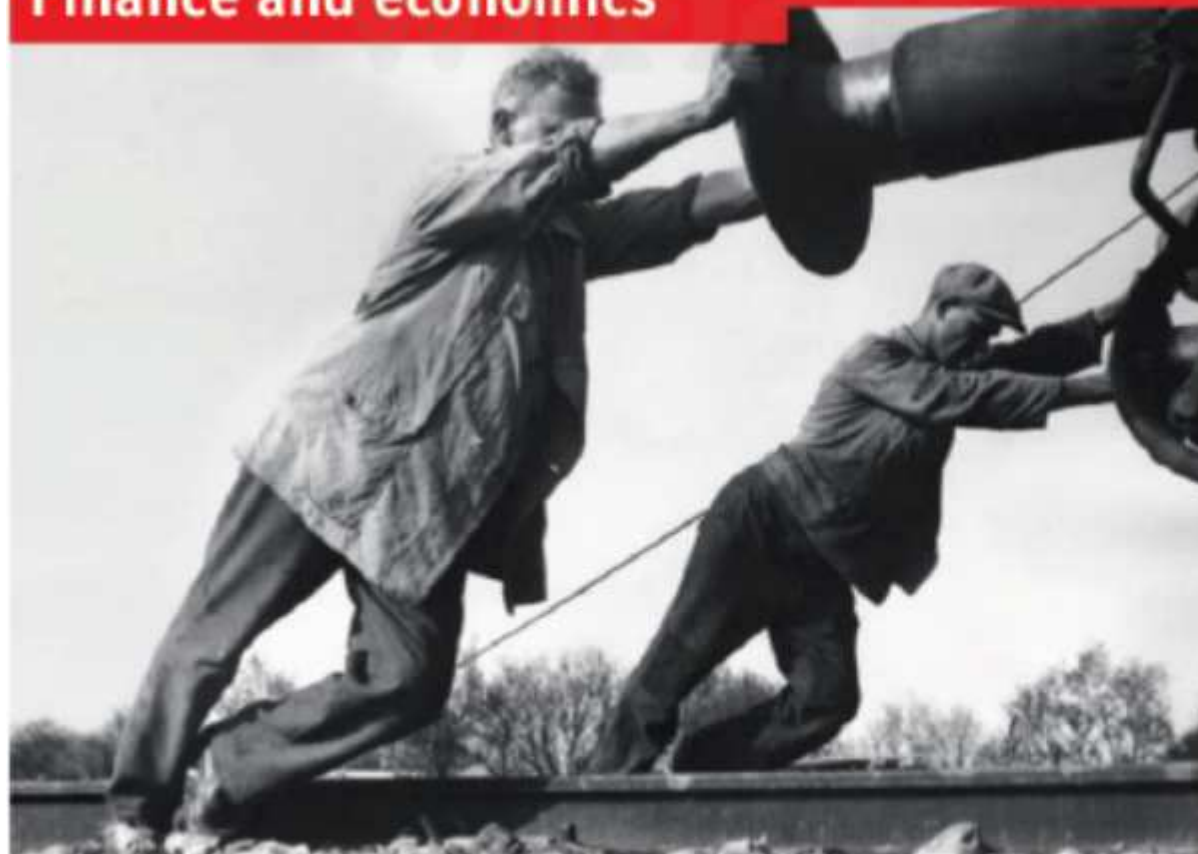
Environmental
awareness

Motivation Concentration in the world



Reason:

The capital profits grow faster than
labor salaries



Workers' share of national income

Labour pains

Pago al Trabajo en el Ingreso Nacional

Sufrimiento Laboral

Alrededor del mundo, los trabajadores pierden respecto del capital
All around the world, labour is losing out to capital

Also in this section

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bijn of the Federal Reserve Bank of San Francisco and Ays egul Sahin of the Federal Reserve Bank of New York. They calculated how much different industries in America are exposed to competition from imports, and compared the results with the decline in the labour share in each industry. A greater reliance on imports, they found, is associated with a bigger decline in labour's take. Of the 3.9 percentage-

Costo Laboral como % del PGB

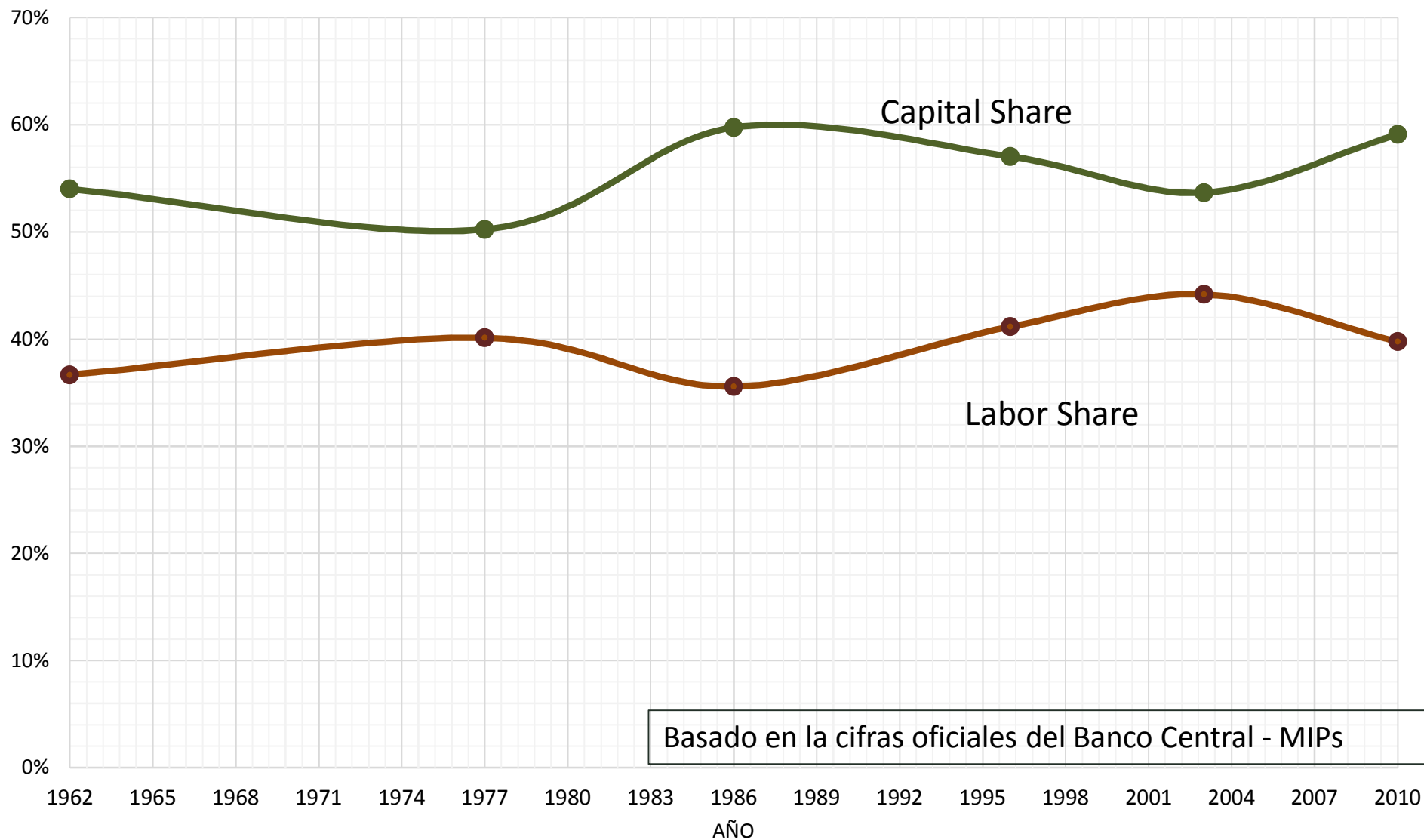
Labour costs as % of nominal GDP



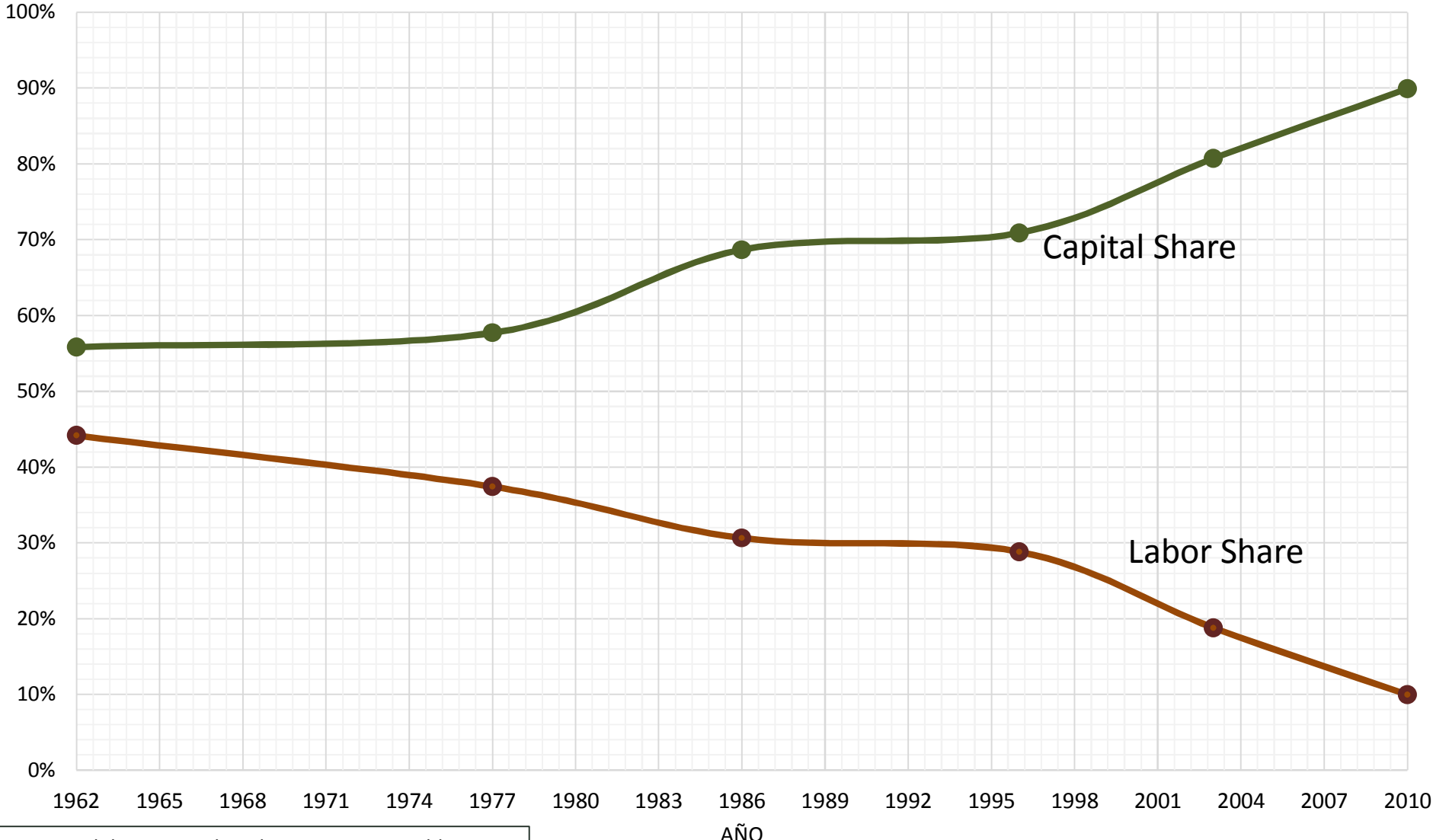
Source: OECD

Proporción del Valor Agregado del Capital y el Trabajo: Economía Chilena

● Remuneraciones / Valor Agregado ● Exc de Explotación / Valor Agregado



Functional Distribution of the Added Value in the Chilean Mining Sector



Source: Chilean Central Bank, Input-Output Tables

Copper Price



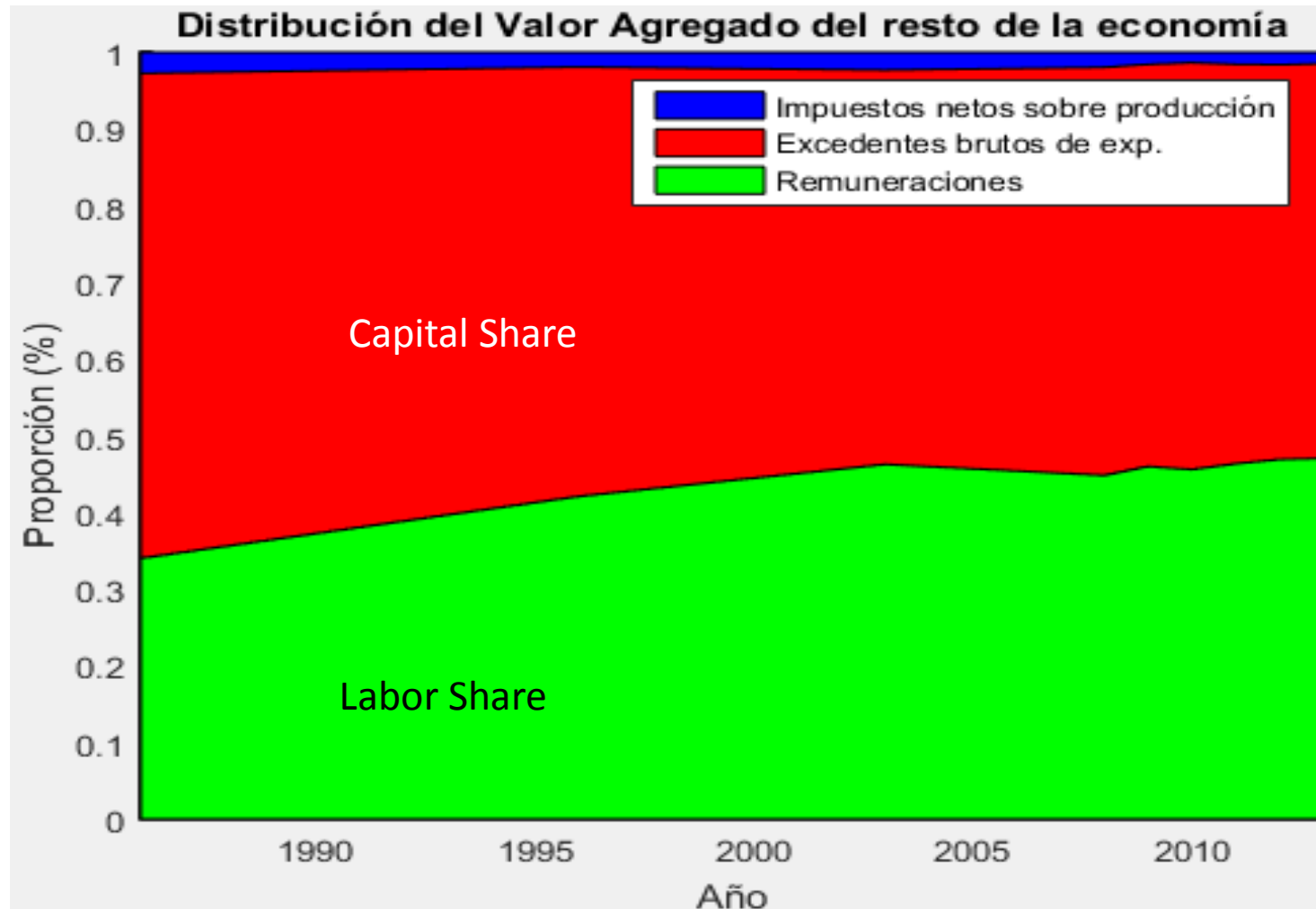
Council of Large Mining Firm

- The impact of the mining come from linkages, especially through the outsourcing.
- Therefore the aims of this papers is to test that statement.

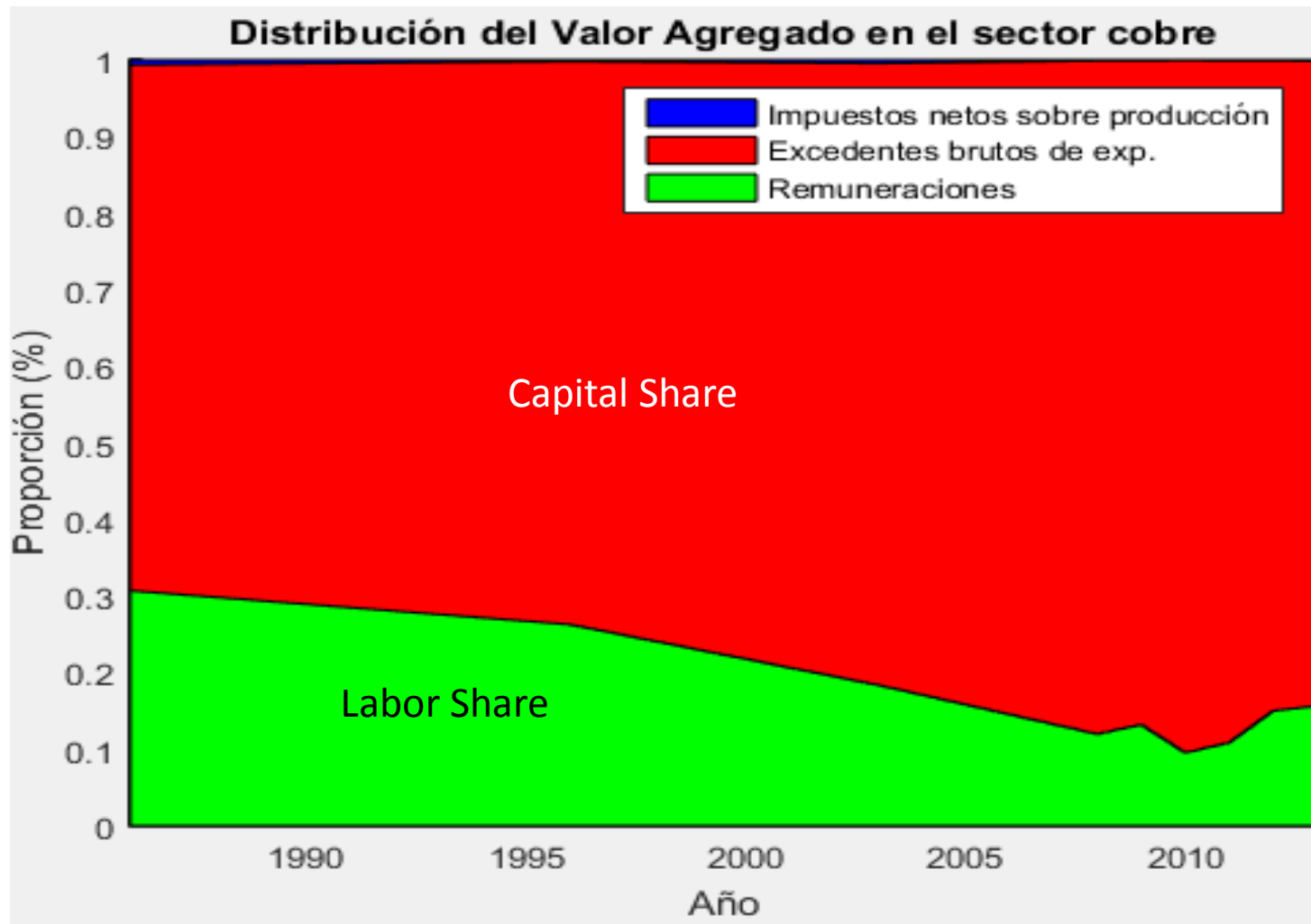
Data

- Input-Output Tables for the Chilean Economy
 - 1986, 1996, 2003, 2008 to 2013

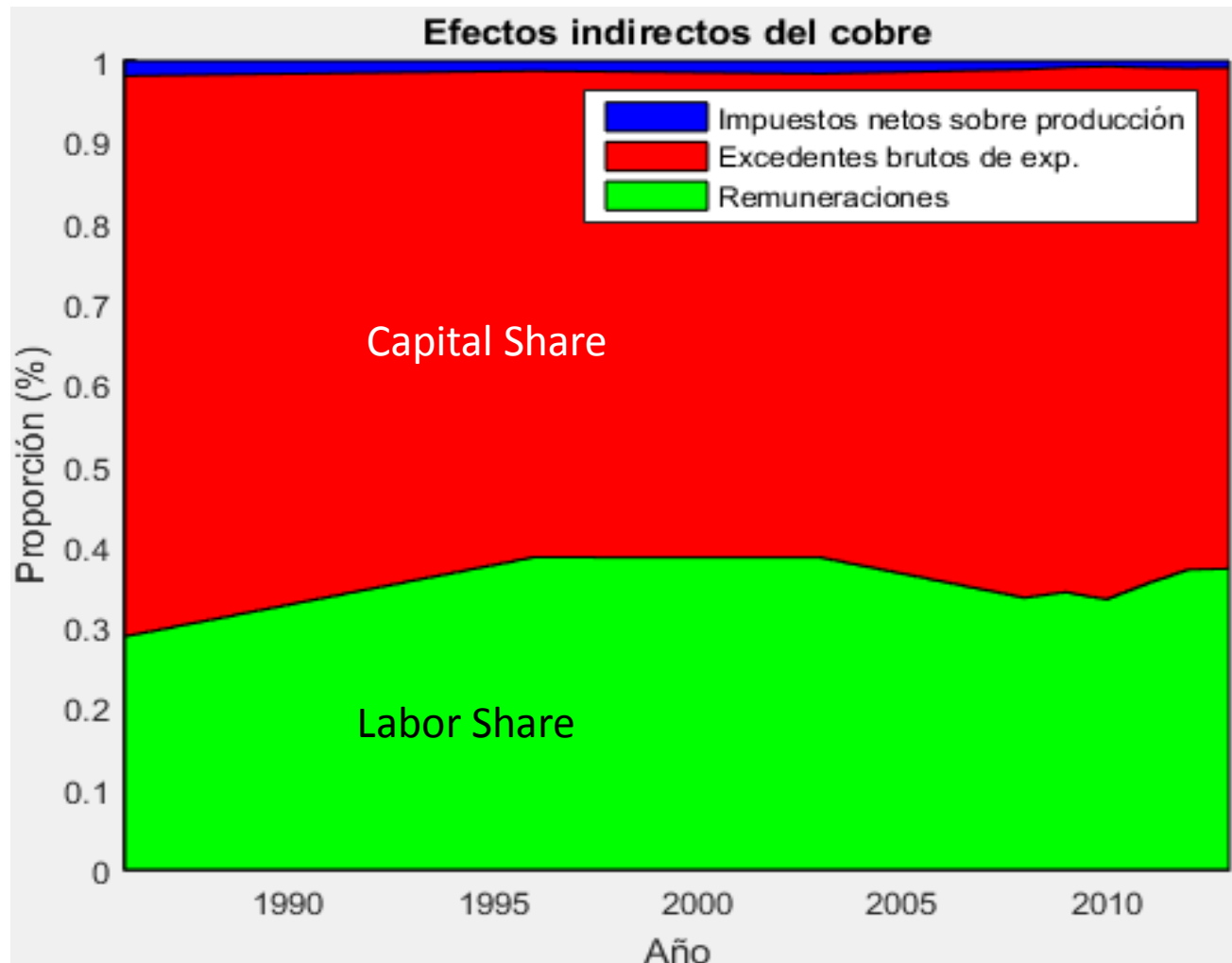
Direct Effects: A Economy - Copper



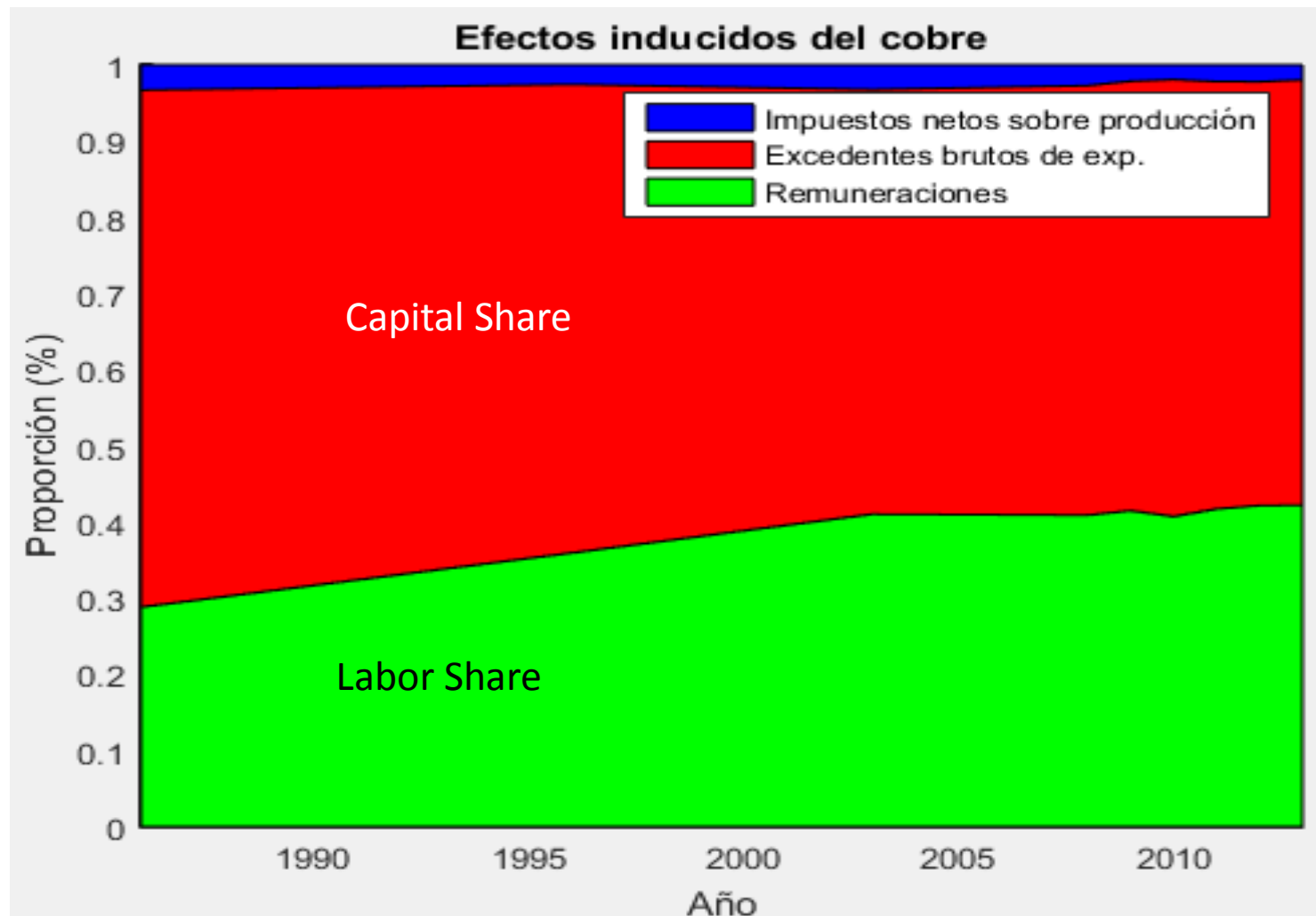
Direct Effects: A Copper Sector



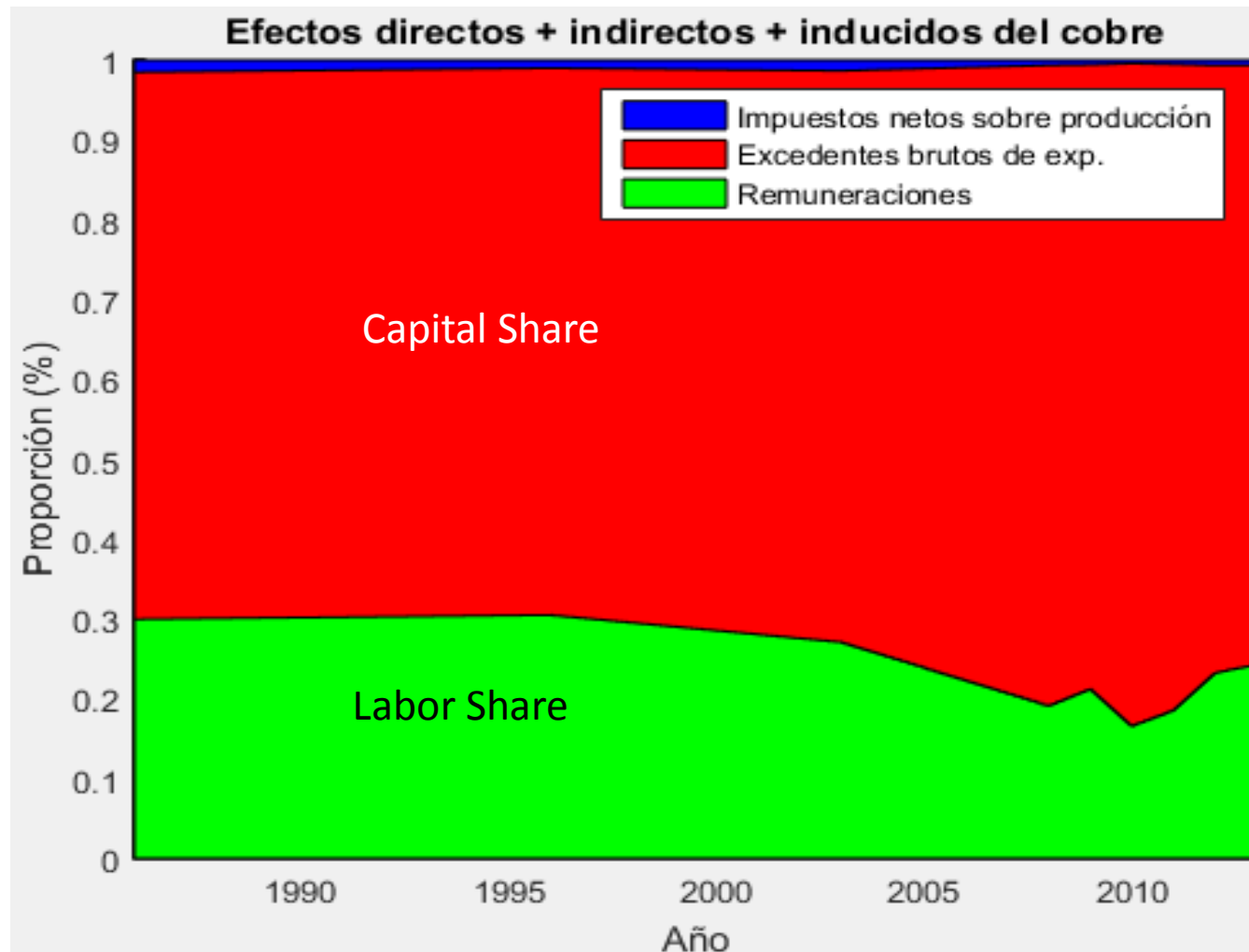
Indirect Effects (L-A-I) Copper Sector



Induced Effects: $(\hat{L} - L)$ Copper Sector



Total Effects: (\hat{L}) Copper Sector



Conclusions and Challenges

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