

DISTRIBUTIONAL EFFECTS OF CARE EXPANSION IN SPAIN: EVIDENCE FROM A

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(5º año de tesis)

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MOTIVACIÓN CIENTÍFICA (MOTIVATION)

Care activities are essential for sustaining labour supply and social well-being and are increasingly recognised as a key policy tool in ageing societies, with the potential to support employment, gender equality, and inclusive growth. However, evidence on their broader economic and distributional effects remains limited.

This study examines **how expanding care demand affects output, labour income, and household income distribution in Spain.**

MÉTODOS (METHODS)

- ✓ Gender-disaggregated **Social Accounting Matrix (SAM)** for Spain (2018)
- ✓ **Multiplier model (MMs)** to simulate care demand expansions
- ✓ **Structural Path Analysis (SPA)** to identify transmission mechanisms
- ✓ **Progressivity indicators** to assess distributional impacts

Simplified SAM framework

	Production	Factors	Households
Production	Intermediate demand		Consumption
Factors	Value added		
Households		1 st distr. income	2 nd distr. income

Example of a transmission path identified by SPA

Care activities → High-skilled female labor → top quintile, male households

OBJETIVOS (OBJECTIVES)

- **Estimate economy-wide effects** of expanding care demand
- **Assess distributional impacts** across labor groups (*gender, skill*) and household types (*quintile, gender of the main earner*)
- **Identify key transmission mechanisms** using Structural Path Analysis (SPA)
- **Evaluate the progressivity** of income gains
- *Future research: unpaid and informal care activities.*

PRINCIPALES RESULTADOS (MAIN RESULTS)

- ✓ Care expansion generates **large economy-wide effects** (output multipliers $\approx 2.5-2.7$)
- ✓ Around **60% of labour income gains accrue to women**
- ✓ Income gains are **relatively progressive**
- ✓ SPA highlights **high-skilled female employment** as the main transmission channel to **middle- and upper-income households**
- ✓ Benefits remain **positive under a budget-neutral scenario**

BIBLIOGRAFÍA PRINCIPAL (MAIN REFERENCES)

- De Henau et al. (2016) - *Investing in the care economy: A gender analysis of employment stimulus in seven OECD countries.*
- Defourny & Thorbecke (1984) - *Structural Path Analysis and multiplier decomposition within a SAM framework.*
- Pyatt & Round (1979) - *Accounting and fixed price multipliers in a Social Accounting Matrix framework.*
- Miller & Blair (2009) - *Input-Output Analysis: Foundations and Extensions.*

