

ANDERSON VIL

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CURRENT POSITION

Postdoctoral Fellow, *Paris School of Economics*

2025-present

FIELDS OF INTEREST

Primary fields: Household economics, Labor economics, Applied microeconometrics

Secondary fields: Public economics, Development Economics

EDUCATION

Ph.D. in Economics, *CY Cergy Paris Université*

2019-2024

Thesis title: “*Three Essays on Measuring the Cost of Children*”

Supervisor: Olivier DONNI

Visiting scholar, *KU Leuven*

Spring 2023

Supervisor: Frederic Vermeulen

M.Sc. in Economics, *CY Cergy Paris Université*

2018 - 2019

Economic Analysis

B.Sc. in Economics, *Université d’État d’Haiti*

2011 - 2015

B.A. in Social Work, *Université d’État d’Haiti*

2011 - 2015

REFERENCES

Prof. Olivier DONNI

Full Professor

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Prof. Frederic VERMEULEN

Full Professor

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Prof. Laurens CHERCHYE

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Prof. Elena STANCANELLI

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JOB MARKET PAPER

Children Costs in a One-Adult Household: Empirical Evidence from the UK

[\[PSE Working Paper\]](#) [\[Latest version\]](#)

This paper addresses two central questions in family and economic policy. First, to what extent are estimates of the cost of children derived from two-parent households applicable to single-parent families? Second, is the recently introduced *two-child limit* policy in the UK appropriate given the diversity of family structures? To address these questions, I propose a collective consumption model for one-adult households, apply it to three datasets—the Family Expenditure Survey, the Expenditures and Food Survey, and the Living Costs and Food Survey in the UK—and present two key findings. First, child cost estimates derived from two-parent households remain externally valid for single-parent families, at least for single mothers. Second, in low-income families, household size plays a crucial role in determining the proportion of resources allocated to children, a factor less relevant for higher-income families. This suggests that the *two-child limit* policy would likely exacerbate inequalities and increase child poverty within low-income families.

COMPLETED WORKING PAPERS

- [1] **The Household Demand for Leisure, the Price of Time and the Full Cost of Children: A Structural Model and Evidence from the PSID**
with Olivier DONNI
[\[PSE Working Paper\]](#) [\[Latest version\]](#)

We propose a novel approach to estimating the full cost of children — the sum of monetary and time costs — by endogenizing the price of parental time rather than assuming it is equal to the parents' wage rate. In this approach, the price of time depends on how parents perceive their time with children, whether as a leisure-like activity or more as a labor-like activity. We then develop a simplified collective model of leisure demand for working couples, incorporating individual preferences and childcare technology, and estimate it using 2019 PSID data. This allows us to recover the price of parental time and the full cost of children. We find that mothers perceive 44% of their childcare time as labor, compared to 35% for fathers. Our results also highlight that a substantial portion of the full cost of children is non-monetary.

- [2] **How to Incorporate Children into Labor Supply Equations? An Equivalence-Scale-Based Approach**
with Olivier DONNI

We provide a novel method for modeling and estimating the impact of children on labor supply decisions. We rely on the literature on equivalence scales and collective models. Our approach takes into account both the time and monetary costs of raising children. Using semiparametric restrictions on individual preferences, we identify the cost of children from the curvature of the labor supply equations with low data requirements. We apply the model to PSID data from the USA and investigate the women's labor supply sensitivity, the full cost of children, and the women's price of time. We find that women's labor supply is highly sensitive to wage variations. In addition, we show that mothers allocate, on average, 44% of their net total expenditures to children. Finally, by comparing our findings to those derived from other studies using children's expense data, our model provides relatively consistent predictions regarding the cost of children.

WORK IN PROGRESS

- [1] **Measuring the lifetime cost of children: Empirical Evidence from Canada**
with Arnaud Daymard
- [2] **Bargaining over Children: A Model of Post-Divorce Resource Allocation**
with Nicolas Djob and Thierry Nana Nouni
- [3] **Resource Sharing in Household with Children and Limited Commitment**
with Nicolas Djob and Thierry Nana Nouni
- [4] **Do Divorced Parents Cooperate? Evidence from Child Expenditure Patterns**
- [5] **What Parents Cost Their Children?**
- [6] **Measuring the Technology of Childcare: Evidence from the PSID**
with Olivier Donni

TEACHING

Teaching Assistant in Applied Econometrics
Third year Bachelor students
CY Cergy Paris Université, Prof: Olivier Donni

Fall 2021, 2022, 2023, 2024

Teaching Assistant in Excel
Second and Third years Bachelor students
CY Cergy Paris Université, Prof: Nicolas Revault

Winter 2020, 2022, 2023

Teaching Assistant in Public Economics
Second year Bachelor students
CY Cergy Paris Université, Prof: Marius Orchea

Winter 2024, 2025

Teaching Assistant in Macroeconomics II
First year Bachelor students
CY Cergy Paris Université, Prof: Pamela Bombarda

Winter 2023, 2024

Teaching Assistant in Principles of Microeconomics
First year Bachelor students
CY Cergy Paris Université, Prof: Régis Renault, Pierre André, Sara Biancini

Fall 2019, 2020, 2021, 2023

Teaching Assistant in Statistics
First year Bachelor students
CY Cergy Paris Université, Prof: Imed Chérif, Éric Delattre

Winter 2020, 2021, 2025

CONFERENCES AND INVITED PRESENTATIONS

- 2025 2nd Welfare & Policy Conference (University of Bordeaux, France)
- 2024 PSID Annual User Conference (Michigan, USA), Gender Issues and Development (Paris Nanterre University, France), THEMA (CY Cergy Paris Université, France)
- 2023 THEMA (CY Cergy Paris Université, France)
- 2022 3rd Brazilian Meeting on Family and Gender Economics (FEA University of São Paulo, Brazil), THEMA (CY Cergy Paris Université, France)
- 2021 Junior Research Day, King's College London & College de France, CY Ph. D. Student Seminar

SERVICE

Organization of scientific event: CY Ph.D. Student Seminar (THEMA)
Committee: Doctoral student representative (CY Cergy Paris Université)

GRANTS AND SCHOLARSHIPS

- 2023 CY doctoral college, *Financial support for international mobility fellowship*
- 2019-2022 Research National Agency (ANR, in French), *Ph.D. scholarship*
- 2018-2019 Labex MME-DII, *M.Sc. Excellence Full scholarship*

OTHER SCIENTIFIC ACTIVITIES

Fall 2015 Assistant Investigator–Research Assistant, *CTPEA*, supervisor: Carline Joseph
Summer 2018 Research Assistant–Data Analyst, *THEMA*, supervisor: Nathalie Picard

SKILLS

Languages Haitian Creole (native), French (fluent), English (fluent), Spanish (basic)
IT SAS, Stata, MATLAB, Python, R, Julia, LaTeX,

ADDITIONAL TRAINING

IMFx Macroeconomic Diagnostics, Macroeconomic Forecasting, Financial Programming and Policies, Financial Market Analysis
MITx Introduction to Computer Science and Programming Using Python
Louvainx Psychologie de la négociation
ComSciCom Formation à la communication scientifique