

Anderson Vil

THEMA, CY Cergy Paris Université · Cergy, France

anderson.vil@psemail.eu · andersonvil.github.io

Fields

Primary: Household economics; labor economics; remote work; applied microeconometrics

Secondary: Public economics; optimal taxation

Positions

Teaching and Research Fellow, THEMA, CY Cergy Paris Université Sept 2026 – Present

Postdoctoral Research Fellow, Paris School of Economics Sept 2025 – Aug 2026

Teaching and Research Fellow, THEMA, CY Cergy Paris Université Sept 2022 – Aug 2025

Education and Qualification

Qualification for Maître de conférences, CNU Section 05, Economics 2026

Ph.D. in Economics, CY Cergy Paris Université 2019 – 2024

Thesis: “Three Essays on Measuring the Cost of Children”; the three essays correspond to working papers 1–3 below.

Supervisor: Olivier Donni (CY Cergy Paris Université)

Committee: Laurens Cherchye (KU Leuven), Olivier Bargain (Université de Bordeaux), Elena Stancanelli (Paris School of Economics), Alexandros Theloudis (Tilburg University), Marion Goussé (ENSAI-CREST)

Defended: December 10, 2024

Visiting Scholar, KU Leuven Spring 2023

Host: Frederic Vermeulen

M.Sc. in Economic Analysis, CY Cergy Paris Université/ESSEC Business School 2017 – 2019

B.Sc. in Economics, Université d’État d’Haïti 2011 – 2015

B.A. in Social Work, Université d’État d’Haïti 2011 – 2015

Research

WORKING PAPERS

1. **JOB MARKET PAPER. 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)

R&R, *Journal of the European Economic Association*. PSE Working Paper No. 2025-38

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

R&R, *Review of Economics of the Household*. PSE Working Paper No. 2025-37

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, are estimated patterns of intra-household resource allocation consistent with benefit rules that condition support uniformly on family size? 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, the results find no evidence of per-child resource dilution by family size once estimation uncertainty is accounted for, with differences for fathers appearing only among households at the bottom of the expenditure distribution.

3. How to Incorporate Children into Labor Supply Equations? An Equivalence-Scale Approach (with Olivier Donni)

Submitted, *The Economic Journal*. PSE Working Paper No. 2025-40

We propose a method for modeling the impact of children on labor supply. Building on equivalence scales and collective models, our approach jointly considers the time and monetary costs of children. By imposing restrictions on childcare technology, we identify the total cost of children from labor supply equations with modest data inputs. We apply the model to single mothers from the 2019 PSID. Results suggest labor supply responsiveness to wages is higher for women with children, while the opposite holds for exogenous incomes. We also estimate the total cost of children and the time spent on childcare.

WORK IN PROGRESS

- **Bargaining over Children: A Model of Post-Divorce Resource Allocation** (with Nicolas Djob and Thierry Nana Nouni)
- **A Model of Work from Home** (with Olivier Donni)
- **Estimating the Cost of Caring for Elderly Parents** (with Arnaud Daymard)
- **Commodity Tax Principles, Iceberg Trade Costs, and Skilled-Wage Incidence** (with Nicolas Djob and Usama Jamal)

Teaching

Total teaching delivered: **554 contact hours** — 92 h as lecturer, 462 h in tutorials.

AS LECTURER

Microeconomics III, Université Catholique de l'Ouest

Autumn 2026

Undergraduate. 1 group $\times$ 30 h = 30 h. Game theory; risk and consumer behavior; uncertainty and information asymmetries.

Econometrics, Université Catholique de l'Ouest

Autumn 2026

Undergraduate. 1 group $\times$ 30 h = 30 h. OLS estimator; tests and inference; asymptotic theory; heteroskedasticity. Applications in Python.

Microeconometrics, CY Cergy Paris Université / Sciences Po Saint-Germain-en-Laye

Autumn 2026

Undergraduate. 2 groups $\times$ 16 h = 32 h. Price discrimination; efficiency, rationing and redistribution; efficiency and incentives; competition policy; environmental taxation; redistribution and political economy; behavioral economics.

AS TUTORIAL INSTRUCTOR

Econometrics, CY Cergy Paris Université Autumn 2026

Master 2. 1 group $\times$ 16.5 h = 16.5 h. Finite-sample properties of OLS; large-sample theory for random sampling, with applications; instrumental variables; maximum likelihood; generalized method of moments.

Econometrics, CY Cergy Paris Université Autumn 2026

Master 1. 1 group $\times$ 16.5 h = 16.5 h. OLS estimator; statistical inference; large-sample theory; properties of estimators; instrumental variables.

Data Analysis with Python, CY Cergy Paris Université Autumn 2026

Undergraduate. 3 groups $\times$ 16.5 h = 49.5 h. Data environment and structure; loading, inspecting and filtering; data cleaning; describing, comparing, concluding; visualization of economic data; regression in practice; time series and APIs; prediction and reproducibility.

Applied Econometrics, CY Cergy Paris Université Autumn 2026

Undergraduate. 3 groups $\times$ 16.5 h = 49.5 h. OLS estimator; tests and inference; asymptotic theory; heteroskedasticity. Applications in Excel, R and SAS.

Microeconomics IV, CY Cergy Paris Université 2023 – 2025

Undergraduate. 6 groups $\times$ 16.5 h = 99 h.

Applied Econometrics, CY Cergy Paris Université 2021 – 2025

Undergraduate. 3 groups $\times$ 16.5 h = 49.5 h.

Statistics, CY Cergy Paris Université 2019 – 2025

Undergraduate. 2 groups $\times$ 16.5 h = 33 h.

Microeconomics I, CY Cergy Paris Université 2020 – 2021

Graduate. 4 groups $\times$ 16.5 h = 66 h.

Macroeconomics IV, CY Cergy Paris Université 2023 – 2024

Undergraduate. 2 groups $\times$ 16.5 h = 33 h.

Macroeconomics II, CY Cergy Paris Université 2022 – 2023

Undergraduate. 3 groups $\times$ 16.5 h = 49.5 h.

Presentations

CONFERENCES AND WORKSHOPS

PSID Annual User Conference, Michigan, USA; 41st Congress of the European Economic Association and 77th European Meeting of the Econometric Society (EEA–ESEM), Dublin, Ireland; 39th Annual Conference of the European Society for Population Economics (ESPE), Helsinki, Finland **2026**

2nd Welfare and Policy Conference, Bordeaux, France **2025**

PSID Annual User Conference, Michigan, USA; Gender Issues and Development, Paris, France **2024**

3rd Brazilian Meeting on Family and Gender Economics, São Paulo, Brazil **2022**

Junior Research Day, King's College London and Collège de France, London, UK **2021**

SEMINARS

PSE Applied Economics Lunch Seminar, Paris; PSE Labour and Public Economics Seminar, Paris; THEMA Internal Seminar, Cergy **2026**

Ph.D. Seminar, KU Leuven, Belgium; AEEF THEMA Seminar, Cergy **2023**

THEMA Internal Seminar, Cergy **2022**

Grants and Awards

International mobility fellowship, CY Doctoral College 2023

Ph.D. scholarship, ANR 2019 – 2022

Excellence full scholarship, research master, Labex MME-DII 2018 – 2019

Service

Co-organizer, internal Ph.D. student seminar, CY Cergy Paris Université 2023 – 2024

Elected doctoral student representative, CY Cergy Paris Université 2021 – 2023

Skills and Data

Data: Panel Study of Income Dynamics (PSID); UK Family Expenditure Survey, Expenditure and Food Survey, and Living Costs and Food Survey

Methods: Collective household models; equivalence scales; identification and structural estimation of demand and labor supply systems

Software: Stata, SAS, R, Python, MATLAB, Git, L^AT_EX

Languages

Haitian Creole (native), French (fluent), English (fluent), Spanish (basic)

References

Olivier Donni

CY Cergy Paris Université

olivier.donni@cyu.fr

Frederic Vermeulen

KU Leuven

frederic.vermeulen@kuleuven.be

Laurens Cherchye

KU Leuven

laurens.cherchye@kuleuven.be

Elena Stancanelli

Paris School of Economics

elena.stancanelli@gmail.com