# Paternal domestic work: When fathering is more than time with children

#### Marc Grau-Grau

Child Care and Family Policies Chair, UIC Women and Public Policy Program, Harvard

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IATUR Conference

#### Agenda

- Introduction
- Study I: Understanding the predictors of FI in childcare
- Study II: Understanding the predictors of FI in domestic work
- Challenges and conclusions

#### Introduction

#### **INTRODUCTION:** Time famine

- Recent studies report that people in post-industrial societies suffer from time famine (Perlow, 1999), the perception of not having enough time to fulfil all of their duties.
- In Europe, 21% of workers stated that they "always" or "almost always" feel too tired to do their household duties (Eurofound, 2015).
- In the United States, 53% of American parents with children under 18 said that it was **not easy for them to find a work-family balance**, and there was no difference between mothers and fathers (Parker & Wang, 2013).

## Work-life conflict is increasing

health-care system in risk



High levels of **STRESS** 

Difficulties to care for the **elderly and other dependent** 



• to employers



High risk of BURNOUT



People tend to cope by having fewer children (demographic winter)

#### INTRODUCTION: Why fathers?

- (1) the breadwinner model has been eroded (Lewis, 2001), and dual-income partners are becoming the new norm (García Román, 2012)
- 2) fathers are doing childcare and household activities that before were mainly done by mothers (Craig & Mullan, 2010)
- 3) work-family balance is also a priority for many working fathers (Parker & Wang, 2013)
- 4) contemporary fathers are devoting more time to childcare than past generations (Sayer, Bianchi, et al., 2004)
- 5) we are witnessing a growing number of fathers staying at home to take care for their children (Doucet & Merla, 2007; Stevens, 2015).

#### INTRODUCTION: Why fathers?

- the cultural image of fatherhood has evolved:
  - from the moral teacher during the colonial phase in the US
  - to the distant breadwinner around the time of industrialization
  - to sex role models
  - to the new nurturing father of today (Lamb, 2000).
- Evidence seems to suggest that there is still a men's gap between culture and conduct (LaRossa, 1988), or attitudes and behaviours (Dermott, 2008)

#### Impact of fatherhood

- Involved fatherhood is positive for:
  - Children (Cabrera et al., 2007)
  - Gender equality (Coltrane, 2000)
  - Fathers themselves and theirs jobs (Grau-Grau, 2016)



This photo essay is based on portraits of dads who belong to that small percentage who choose to **stay at home** with their child for at least six months.

Photographer Johan Bävman











#### Connect with today's most influential dads, media, and marketers.

The Dad 2.0 Summit is an open conversation about the commercial power of dads online, and an opportunity to learn the tools and tactics used by influential bloggers to create high-quality content, build personal brands, and develop business ideas.

REGISTER NOW



Elevating Fatherhood: Harvard

Rennedy School event focuses on the consequences of changing parental roles

The Women and Public Policy Program event focused on fatherhood through three lenses: health and wellbeing, public policy, and work organizations.

#### INTRODUCTION: Time with children

### MATERNAL EMPLOYMENT AND TIME WITH CHILDREN: DRAMATIC CHANGE OR SURPRISING CONTINUITY?

SUZANNE M. BIANCHI

FIGURE 7. CHANGE IN MARRIED FATHERS' HOURS OF CHILD CARE AND TIME WITH CHILDREN

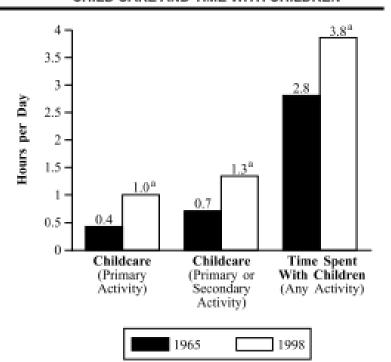
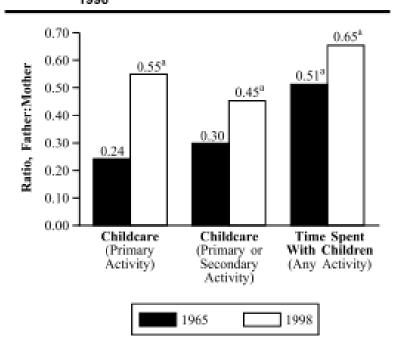


FIGURE 8. RATIO OF MARRIED FATHERS' TO MARRIED MOTHERS' HOURS WITH CHILDREN, 1965 AND 1998



#### INTRODUCTION: Why fathers?



# 'A Very Sensible Man': Imagining Fatherhood in England *c*.1750–1830

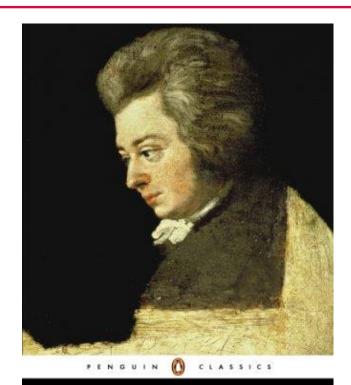
JOANNE BAILEY Oxford Brookes University

More's Letter to His Daughter Margaret, 3 June 1535

3 June 1535 Tower of London

Our Lord bless you and all yours.

For as much, dearly beloved daughter, as it is likely that you either have heard or shortly shall hear that the Council was here this day, and that I was before them, I have thought it necessary to send you word how the matter stands. And verily to be short I perceive little difference between this time and the last, for as far as I can see the whole purpose is either to drive me to say precisely the one way or else precisely the other.



WOLFGANG AMADEUS MOZART

A Life in Letters





- Catalonia is a region with important similarities to the rest of the Spanish regions, but at the same time it has its own characteristics.
- Not only do language, history and culture contribute to the "differential fact" of Catalonia (Moreno, Arriba, & Serrano, 1997) but also its image of a hard-working (Giner, 1980) and familialistic society (Castiñeira & Elzo, 2009) as important sources of selfidentification



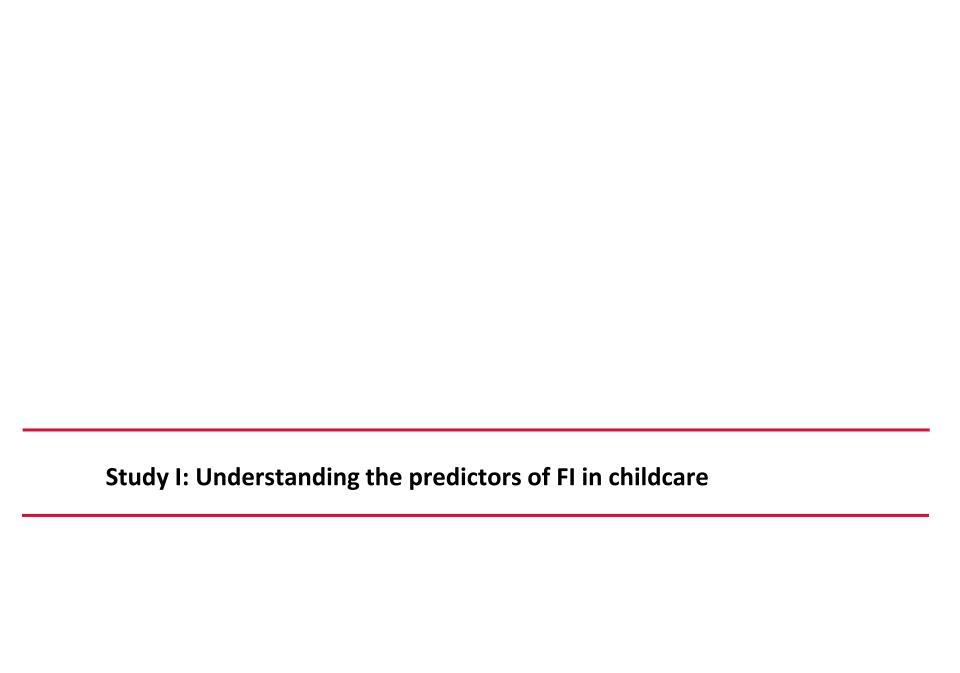
- Its chaotic schedules (Cardús, 2003),
- the importance of its industrial sector (Hernández Gascón & Fontrodona Francolí, 2003)
- its openness to other cultures (Giner, 1980)
- its **organizational rigidity** (Chinchilla, León, Hernández, & Grau-Grau, 2009)
- its rapid changes in the family and its governmental effort to offer a family policy (Colominas, 2002; Grau-Grau, 2014).

Dimension	Subdimension	Conflict
School	School hours	Incompatibility between school hours and working hours
		Long lunch breaks
		Mismatch between primary and secondary schedules
		Time differences between public and private schools
	School calendar	Long summer breaks
	After-school activities	Activity overload
Work	Working hours	Long working hours
		Poor flexibility
		Long lunch breaks
		Family care is not a priority for companies
	Career	Risk of losing job
		Ideal worker
		Organizational barriers

Family	Family time	Bad habit of not having breakfast together							
		Late dinner time							
		Long lunch breaks							
		Poor family time							
	Family life	Together alone							
		Tensions due to little time to children							
		Tension due to little time to couple							
		Insufficient sleep time							
	Discrimination	Women continue working a second shift							
		"Micromachismos" and symbolic power							
Society	Shopping hours	Catalan Law for opening hours (7am to 10pm)							
	Television Schedules	Prime time (10:30pm)							
		Football games							
	Time zone	Wrong time zone							

### Why Catalonia? Chaotic schedules

Society	Shopping hours	Catalan Law for opening hours (7am to 10pm)
	Television Schedules	Prime time (10:30pm)
		Football games
	Time zone	Wrong time zone
Policies	Family policies	Poor family policies
		Few public nurseries
		Little emphasis on fathers
Economy	Informal economy	Caregivers
	Housing	Housing prices and other economic pressures
	Commuting	Dormitory towns
	Crisis	Unemployment and precarious conditions



#### Catalan Time Use Survey (2010-2011)

Age       %       %         15-29 years old       0.02       0.07         30-44 years old       0.76       0.83         More than 45 years old       0.22       0.10         Employment         Full time       0.86       0.49         Part time       0.03       0.20         Unemployed       0.11       0.31         Partner status         Full time       0.49       0.86         Part time       0.20       0.03         Unemployed       0.31       0.11         Education         Primary or below       0.06       0.05         Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       0.26       0.50         Between 1301-1700€       0.21       0.13         Between 1701-2200€       0.16       0.11         More than 2.200€       0.13       0.06         No information       0.24       0.19		Fathers	Mothers
30-44 years old       0.76       0.83         More than 45 years old       0.22       0.10         Employment       0.86       0.49         Full time       0.03       0.20         Unemployed       0.11       0.31         Partner status       Full time       0.49       0.86         Part time       0.20       0.03         Unemployed       0.31       0.11         Education       Primary or below       0.06       0.05         Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       1.20       0.26       0.50         Between 1301-1700€       0.21       0.13         Between 1701-2200€       0.16       0.11         More than 2.200€       0.13       0.06         No information       0.24       0.19	Age	%	%
More than 45 years old       0.22       0.10         Employment       0.86       0.49         Full time       0.03       0.20         Unemployed       0.11       0.31         Partner status       Full time       0.49       0.86         Part time       0.20       0.03         Unemployed       0.31       0.11         Education       Education       0.06       0.05         Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       0.26       0.50         Between 1301-1700€       0.21       0.13         Between 1701-2200€       0.16       0.11         More than 2.200€       0.13       0.06         No information       0.24       0.19	15-29 years old	0.02	0.07
Employment       0.86       0.49         Part time       0.03       0.20         Unemployed       0.11       0.31         Partner status       Full time       0.49       0.86         Part time       0.20       0.03         Unemployed       0.31       0.11         Education       Primary or below       0.06       0.05         Lower Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       Less than $1300 \in$ 0.26       0.50         Between $1301-1700 \in$ 0.21       0.13         Between $1701-2200 \in$ 0.16       0.11         More than $2.200 \in$ 0.13       0.06         No information       0.24       0.19	30-44 years old	0.76	0.83
Full time       0.86       0.49         Part time       0.03       0.20         Unemployed       0.11       0.31         Partner status       Full time       0.49       0.86         Part time       0.20       0.03         Unemployed       0.31       0.11         Education       Primary or below       0.06       0.05         Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       Less than $1300$ €       0.26       0.50         Between $1301$ - $1700$ €       0.21       0.13         Between $1701$ - $2200$ €       0.16       0.11         More than $2.200$ €       0.13       0.06         No information       0.24       0.19	More than 45 years old	0.22	0.10
Part time       0.03       0.20         Unemployed       0.11       0.31         Partner status       Full time       0.49       0.86         Part time       0.20       0.03         Unemployed       0.31       0.11         Education       Primary or below       0.06       0.05         Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       Less than 1300€       0.26       0.50         Between 1301-1700€       0.21       0.13         Between 1701-2200€       0.16       0.11         More than 2.200€       0.13       0.06         No information       0.24       0.19	Employment		
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Full time       0.49       0.86         Part time       0.20       0.03         Unemployed       0.31       0.11         Education       0.06       0.05         Primary or below       0.25       0.20         Lower Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       1       0.26       0.50         Between 1301-1700€       0.21       0.13         Between 1701-2200€       0.16       0.11         More than 2.200€       0.13       0.06         No information       0.24       0.19	Unemployed	0.11	0.31
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Education         Primary or below       0.06       0.05         Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       Less than $1300$ €       0.26       0.50         Between $1301$ - $1700$ €       0.21       0.13         Between $1701$ - $2200$ €       0.16       0.11         More than $2.200$ €       0.13       0.06         No information       0.24       0.19	Part time	0.20	0.03
Primary or below       0.06       0.05         Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       0.26       0.50         Between 1301-1700€       0.21       0.13         Between 1701-2200€       0.16       0.11         More than 2.200€       0.13       0.06         No information       0.24       0.19	Unemployed	0.31	0.11
Lower Secondary       0.25       0.20         Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       0.26       0.50         Between $1301-1700€$ 0.21       0.13         Between $1701-2200€$ 0.16       0.11         More than $2.200€$ 0.13       0.06         No information       0.24       0.19	Education		
Upper Secondary       0.14       0.13         Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       0.26       0.50         Between $1301-1700€$ 0.21       0.13         Between $1701-2200€$ 0.16       0.11         More than $2.200€$ 0.13       0.06         No information       0.24       0.19	Primary or below	0.06	0.05
Post-secondary non-tertiary       0.27       0.27         Bachelor       0.10       0.14         Master       0.19       0.20         Income       0.26       0.50         Between 1301-1700€       0.21       0.13         Between 1701-2200€       0.16       0.11         More than 2.200€       0.13       0.06         No information       0.24       0.19	Lower Secondary	0.25	0.20
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More than 2.200€       0.13       0.06         No information       0.24       0.19	Between 1301-1700€	0.21	0.13
No information 0.24 0.19	Between 1701-2200€	0.16	0.11
	More than 2.200€	0.13	0.06
Observations 471 469	No information	0.24	0.19
	Observations	471	469

#### Catalan Time Use Survey (2010-2011)

	EUT10 Codes	Description						
Basic care	381+938+384							
Feeding, dressing, bathing	381	Supervising and physical activities						
Accompanying	938, 384	Accompanying the child						
Development care	382+383							
Teaching, helping	382	Teaching the child						
Playing, reading, talking	383	Playing, reading and talking to the child						
Secondary childcare	All childcare repo	All childcare reported as secondary activity						
Total Childcare	Basic care + developmental care + secondary childcare							

- Hypothesis 1a: Well-educated fathers are more likely to devote more time to their children than other fathers
- Hypothesis 1b: Fathers with a high income are more likely to devote more time to their children than other fathers
- Hypothesis 2a: Well-educated fathers are more likely to devote more "developmental care" time to their children than other fathers
- Hypothesis 2b: Fathers with a high income are more likely to devote more "developmental care" time to their children than other fathers
- Hypothesis 3a: The number of (paid) working hours is negatively related to fatherhood involvement
- Hypothesis 3b: The partner's number of (paid) working hours is positively related to fatherhood involvement
- Hypothesis 4a: Fathers with managerial occupations are more likely to devote less time to their children than other fathers in high-occupations, and Hypothesis
- 4b: Fathers with partners in high occupations are more likely to devote more time to their children.

#### Descriptive results (Mothers vs Fathers)

	F	athers	Mo	others	
	Mean	Std. Dev	Mean	Std. Dev	
Basic care	59.32	74.43	126.78	110.75	
Feeding, dressing, bathing	41.38	60.69	88.68	94.97	
Accompanying	17.94	39.94	38.10	59.83	
Developmental care	33.76	57.65	37.38	52.17	
Teaching, helping	4.42	17.47	8.74	24.63	
Playing, reading, talking	29.34	54.33	28.64	46.24	
Secondary childcare	25.97	58.40	51.81	82.79	
Total Childcare	119.04	123.44	215.97	156.16	
Observations		471	469		

#### Descriptive results (Employment status)

	Fathers									
	Ful	ltime	Par	t time	Not working					
	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev				
Basic care	55.18	69.34	112.86	103.95	78.00	95.45				
Feeding, dressing, bathing	39.51	56.64	73.57	73.86	47.60	83.29				
Accompanying	15.68	37.24	39.29	55.12	30.40	51.66				
Development care	33.93	59.69	32.14	36.83	32.80	44.68				
Teaching, helping	3.86	17.09	2.86	8.25	9.40	21.42				
Playing, reading, talking	30.07	56.54	29.29	35.18	23.40	38.21				
Secondary childcare	23.88	56.41	43.57	84.91	38.00	64.55				
Total Childcare	113.00	121.30	188.57	123.59	148.80	132.66				
Observations	4	07	_	14	50					

#### • Descriptive results (Educational level)

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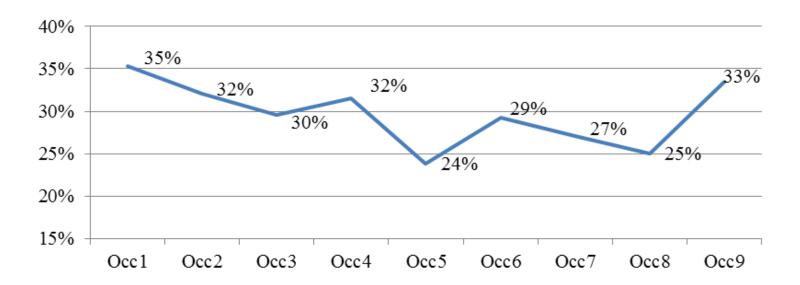
	Primary or below		Lower Secondary		Upper Secondary		Post-secondary non- tertiary		Bachelor		Master	
	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev
Basic care	67.14	78.73	52.61	76.17	49.22	59.96	67.72	84.27	73.33	85.39	53.98	56.25
Feeding, dressing, bathing	36.07	52.87	35.71	67.66	34.06	37.74	46.85	67.81	52.22	69.67	42.61	49.82
Accompanying	31.07	62.08	16.89	37.43	15.16	43.61	20.87	40.28	21.11	42.86	11.36	27.21
Development care	29.64	55.94	28.24	53.64	30.16	49.94	30.55	49.51	43.56	69.09	44.77	71.16
Teaching, helping	3.21	13.62	4.71	17.79	0.31	1.75	5.12	17.77	7.56	20.58	4.77	21.65
Playing, reading, talking	26.43	54.92	23.53	48.69	29.84	49.81	25.43	45.40	36.00	69.03	40.00	66.30
Secondary childcare	42.14	74.45	18.74	45.07	19.84	47.99	29.69	58.73	25.33	53.75	30.00	74.88
Total Childcare	138.93	144.31	99.58	117.09	99.22	104.45	127.95	126.75	142.22	131.70	128.75	126.07
Observations		28	1	19	6	54	1	27	4	.5	8	8

#### Descriptive results (Occupation)

•	•		
Ha	th	ers	

	Оссир	ation 1	Occupation 2 Occupation		ation 3	Occupation 4 Occupation		ation 5	5 Occupation 6		Occupation 7		Occupation 8		Occupation 9			
	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Basic care	55.00	67.85	56.30	56.58	69.31	72.16	55.77	50.37	50.54	85.28	52.94	83.42	62.36	86.33	55.45	60.06	40.31	61.30
Feeding. dressing. bathing	32.50	39.65	43.33	49.68	57.41	64.66	37.31	39.04	29.46	62.14	42.35	82.88	43.48	67.17	42.18	53.74	25.63	46.14
Accompanying	22.50	51.07	12.96	20.15	11.90	26.52	18.46	36.19	21.08	54.56	10.59	26.33	18.88	41.84	13.27	30.86	14.69	37.33
Development care	41.61	76.84	43.89	63.14	39.31	61.67	33.46	56.21	22.70	43.18	34.71	69.38	30.79	57.53	28.00	50.35	31.56	44.58
Teaching. helping	4.11	16.49	5.37	26.83	5.52	17.19	3.46	10.93	2.97	12.44	1.18	4.85	4.16	17.83	0.91	6.74	5.31	17.78
Playing. reading. talking	37.50	76.54	38.52	54.86	33.79	57.76	30.00	55.06	19.73	42.20	33.53	69.82	26.63	51.89	27.09	49.09	26.25	43.16
Secondary childcare	21.07	39.30	36.85	88.14	24.48	58.58	16.92	37.18	22.16	60.24	31.18	61.53	20.79	44.60	28.36	61.55	22.50	57.25
Total Childcare	117.68	128.93	137.04	125.35	133.10	129.77	106.15	99.56	95.41	118.76	118.82	155.84	113.93	129.94	111.82	107.36	94.38	99.71
Observations	5	6	5	4	5	8	20	6	3	57	1	7	8	9	5	5	3	2

Descriptive results (Quality time by Occupation)



OLS regressions.

Demographic variables

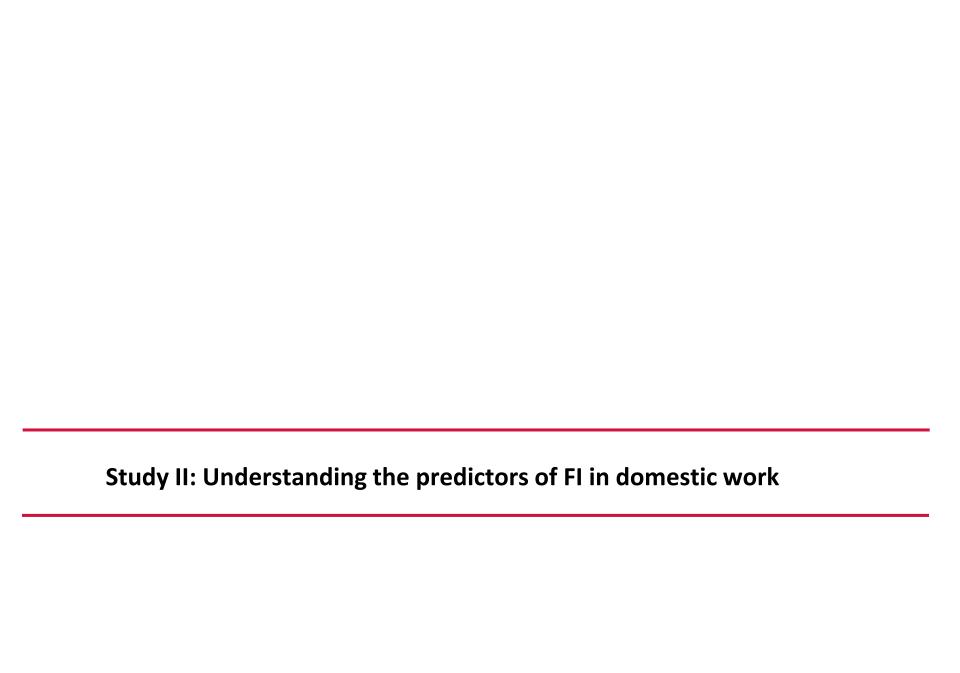
	Fathers									
	Total	care	Basic	care	Developm	ental care	Seconda	ary care		
	Mean	Std. Error	Mean	Std. Error	Mean	Std. Error	Mean	Std. Error		
Age										
Less than 29 years old	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)		
From 30 to 44 years old	-116.52***	36.40	-135.34***	26.10	-7.17	20.06	-9.22	16.81		
More than 45 years old	-136.17***	38.01	-147.50***	27.25	-12.54	20.95	-15.48	17.55		
Weekday	-17.13	10.87	7.22	7.79	-21.07***	5.99	-12.22**	5.02		
Health	2.08	16.70	-19.36	11.97	-10.03	9.20	5.20	7.71		
Number of household										
3 members	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)		
4 members	6.19	11.40	9.01	8.17	3.23	6.28	9.27*	5.26		
5 members	8.61	19.04	8.15	13.65	43	10.49	14.93*	8.79		
Adult dependent	-7.12	13.18	-29.44***	9.45	15.04**	7.26	-6.00	6.09		
External help	10.60	12.05	26	8.64	2.91	6.64	1.50	5.57		
Nationality	12.37	16.86	2.46	12.09	2.06	9.29	1.76	7.79		
Urban	-0.40**	0.16	1.53***	.11	.31***	.08	.04	.07		
Educational level										
Primary or below	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)		
Lower Secondary	8.17	24.64	-21.62	17.67	-17.61	13.58	-24.03**	11.38		
Upper Secondary	1.27	26.21	-25.81	18.79	-10.03	14.44	-22.79*	12.10		
Post-secondary non- tertiary	31.37	24.75	-4.13	17.74	-23.07*	13.64	-17.45	11.43		
Bachelor	49.84*	27.92	2.12	20.01	2.33	15.38	-16.39	12.89		
Master	48.41*	25.49	-17.79	18.27	-9.17	14.05	-10.34	11.77		
Constant	181.95***	44.87	215.21***	32.17	73.55***	24.72	45.41**	20.72		
R2	0.0748		0.3337		0.0948		0.0515			
Number of Observations	471									

<sup>\*</sup>p <0.1. \*\*\* p<0.05. \*\*\* p>0.01

				Fathe	ers			
	Tota	al care	Basic	care	Developm	iental care	Secon	dary care
	Mean	Std. Error	Mean	Std. Error	Mean	Std. Error	Mean	Std. Error
Number of hours	-1.40**	.64	-1.12**	.55	59	.40	36	.29
Public sector	-7.04	22.17	-22.19	19.03	1.76	13.84	-15.62	10.17
Income (more than 2200€)								
Income 1	8.19	16.74	-1.60	14.37	5.54	10.45	5.70	7.68
Income 2	15.33	17.33	4.50	14.87	1.74	10.81	.86	7.94
Income 3	-12.26	19.60	-15.02	16.82	-11.40	12.23	-7.05	8.99
Income 4	-4.55	19.83	4.17	17.02	-25.09**	12.38	3.52	9.09
Occupation								
Qcc 1	40.07	28.64	25.70	24.58	29.39	17.88	11.10	13.13
Occ 2	41.74	30 49	26.43	26.17	32.87*	19.03	23.27*	13.98
Occ 3	25.56	28.38	40.50*	24.36	24.02	17.72	6.94	13.01
Occ 4	8.85	33.03	23.44	28.35	.50	20.62	6.02	15.15
Occ 5	14.29	31.61	32.48	27.13	10.44	19.73	9.74	14.49
Occ 6	25.50	41.04	9.08	35.23	13.44	25.62	40.64**	18.82
Occ 7	24.48	25.09	25.66	21.53	15.15	15.66	2.79	11.50
Occ 8	8.94	26.76	25.11	22.97	-9.88	16.70	16.25	12.27
Occ 9	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)	0.00	(omitted)
Number of hours (partner)	.99	.65	.045	.56	69*	.41	.40	.30
Occupation (partner)								
Occ 1	39.75	37.43	-30.86	32.12	2.07	23.36	-21.49	17.16
Occ 2	59.81**	27.84	-66.17***	23.89	24.15	17.38	-4.59	12.76
Occ 3	62.10**	28.42	-44.16*	24.39	16.57	17.74	-8.39	13.03
Occ 4	62.75**	29.42	-40.17	25.25	7.35	18.37	-8.03	13.49
Occ 5	31.50	31.46	-59.92**	27.00	19.39	19.64	-27.94*	14.42
Occ 6	6.16	114.48	-70.89	98.26	-10.49	71.46	-32.66	52.49
Occ 7	33.44	41.08	-35.09	35.26	-21.89	25.64	-17.76	18.84
Occ 8	105.82**	48.02	-32.66	41.22	24.14	29.98	13.12	22.02
Occ 9	55.20*	33.26	-46.07	28.54	4.14	20.76	-10.36	15.25
Constant	66.60*	36.64	136.38***	31.45	62.61***		24.78	16.80
R2	0,1811		0,0989		0,0756		0,0759	
Number of Observations	3	156						

OLS regressions. Working variables

<sup>\*</sup>p <0.1. \*\* p<0.05. \*\*\* p>0.01



#### Descriptive results (Mothers vs Fathers)

	Far	thers	Mo	thers	
	Mean	Std. Dev	Mean	Std. Dev	
Cooking	31.21	40.21	78.57	61.11	
Cooking	23.42	32.69	59.42	47.55	
Washing dishes	7.79	16.39	19.15	25.48	
Cleaning	10.55	27.68	41.22	58.02	
Cleaning (inside)	10.06	26.83	40.68	57.85	
Cleaning (garden and outside)	0.49	7.49	0.53	4.97	
Clothing preparation	12.80	31.20	59.72	68.63	
Laundry	1.68	9.36	10.28	19.75	
Ironing	1.06	9.99	8.87	24.66	
Clothing repairing	10.06	26.83	40.58	57.64	
Gardening and pet caring	7.77	35.08	2.54	12.36	
Gardening	4.33	30.64	1.17	9.81	
Pet caring (home)	0.98	9.47	0.41	3.76	
Walking with dog	2.46	13.24	0.96	6.07	
Repairing and maintaining	7.45	41.84	0.64	7.76	
Home maintaining	6.22	41.05	0.45	7.45	
Car maintaining	1.23	8.13	0.19	2.21	
Purchasing and services	19.66	43.66	31.68	57.40	
Purchasing goods	17.58	41.09	26.80	48.23	
General services (i.e. post office)	1.27	13.51	0.64	4.76	
Personal services (i.e. doctor)	0.81	7.45	4.24	28.07	
Home management	0.87	7.26	1.09	8.29	
Total Household responsibilities	90.32	107.98	215.46	164.53	
Observations	4	71	469		

#### Descriptive results (Employment status)

			Fa	thers		
	F	ulltime	Par	rt-time	Not v	working
	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev
Cooking	27.52	36.90	50.71	49.53	55.80	52.30
Cooking	20.74	30.27	37.86	46.93	41.20	40.39
Washing dishes	6.78	15.29	12.86	19.39	14.60	21.87
Cleaning	7.89	23.11	15.00	40.53	31.00	44.69
Cleaning (inside)	7.32	21.85	15.00	40.53	31.00	44.69
Cleaning (garden and outside)	0.57	8.06	0.00	0.00	0.00	0.00
Clothing preparation	9.39	25.07	23.57	58.91	37.60	49.51
Laundry	0.86	5.44	8.57	22.14	6.40	20.58
Ironing	1.20	10.73	0.00	0.00	0.20	1.41
Clothing repairing	7.32	21.85	15.00	40.53	31.00	44.69
Gardening and pet caring	7.44	35.54	0.00	0.00	12.60	35.96
Gardening	4.47	32.25	0.00	0.00	4.40	19.60
Pet caring (home)	0.69	4.96	0.00	0.00	3.60	25.46
Walking with dog	2.29	12.55	0.00	0.00	4.60	19.19
Repairing and maintaining	5.36	32.84	0.00	0.00	26.60	86.20
Home maintaining	4.30	31.83	0.00	0.00	23.60	86.14
Car maintaining	1.06	7.57	0.00	0.00	3.00	12.49
Purchasing and services	17.20	43.27	44.29	65.13	32.80	35.23
Purchasing goods	15.45	40.64	38.57	62.37	29.00	34.42
General services (i.e. post office)	1.13	14.06	5.71	16.51	1.20	5.94
Personal services (i.e. doctor)	0.61	6.38	0.00	0.00	2.60	13.82
Home management	0.98	7.79	0.00	0.00	0.20	1.41
Total Household responsibilities	75.77	94.28	133.57	143.45	196.60	137.55
Observations		407		14		50
responsibilities			133.57	143.45 196	5.60 137.5	5

			Fa	thers	í.		
		partners full time		partners part time	when partners don't work		
	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev	
	Fu	ılltime	Pa	rt-time	Not	working	
Cooking	38.75	42.23	24.73	35.50	23.36	37.68	
Cooking	30.30	35.11	17.10	25.13	16.51	30.82	
Washing dishes	8.45	17.34	7.63	15.49	6.85	15.44	
Cleaning	12.93	29.04	8.71	27.98	7.95	24.99	
Cleaning (inside)	11.94	27.45	8.71	27.98	7.95	24.99	
Cleaning (garden and outside)	0.99	10.66	0.00	0.00	0.00	0.00	
Clothing preparation	16.03	32.93	10.54	33.37	9.11	26.21	
Laundry	2.37	11.47	1.83	9.99	0.48	2.96	
Ironing	1.72	13.31	0.00	0.00	0.68	6.29	
Clothing repairing	11.94	27.45	8.71	27.98	7.95	24.99	
Gardening and pet caring	5.69	25.44	10.54	44.27	9.32	41.23	
Gardening	2.97	20.81	6.24	39.26	5.27	37.01	
Pet caring (home)	0.26	2.78	1.29	7.83	1.92	15.42	
Walking with dog	2.46	12.64	3.01	16.60	2.12	11.76	
Repairing and maintaining	4.40	26.06	8.60	35.06	11.58	61.48	
Home maintaining	2.97	24.41	6.67	33.11	11.10	61.46	
Car maintaining	1.42	9.59	1.94	9.12	0.48	3.78	
Purchasing and services	20.82	49.46	17.74	38.48	19.04	36.55	
Purchasing goods	18.62	46.49	15.48	35.83	17.26	34.81	
General services (i.e. post office)	1.85	17.86	0.97	9.33	0.55	5.22	
Personal services (i.e. doctor)	0.34	3.07	1.29	9.23	1.23	10.50	
Home management	0.47	2.98	1.61	9.00	1.03	10.22	
Total Household responsibilities	99.09	105.91	82.47	101.98	81.37	114.40	
Observations		232		93		146	

#### Descriptive results (Education)

						Fath	iers					
	Primary	or below		ower ondary	Upper S	Secondary		condary ertiary	Bac	chelor	Mas	ster
	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev	Mean	Std. Dev	Mean S	td. Dev
Cooking	45.36	56.73	27.31	40.20	24.38	30.70	26.85	34.10	35.11	39.52	41.25	46.13
Cooking	41.43	57.72	21.01	32.64	18.44	26.38	20.39	28.63	24.44	27.76	28.41	32.30
Washing dishes	3.93	13.97	6.30	13.65	5.94	12.94	6.46	13.31	10.67	23.97	12.84	20.63
Cleaning	20.36	42.03	11.85	31.97	2.03	9.95	14.25	30.43	6.67	19.66	8.52	21.84
Cleaning (inside)	16.07	37.35	11.85	31.97	2.03	9.95	14.25	30.43	4.22	11.77	8.52	21.84
Cleaning (garden and outside)	4.29	22.68	0.00	0.00	0.00	0.00	0.00	0.00	2.44	16.40	0.00	0.00
Clothing preparation	16.07	37.35	14.62	36.24	3.44	11.98	15.67	31.51	11.11	27.40	12.84	32.20
Laundry	0.00	0.00	1.60	9.48	1.41	7.10	1.02	6.28	4.00	13.88	2.27	12.48
Ironing	0.00	0.00	1.18	9.04	0.00	0.00	0.39	4.44	2.89	14.08	2.05	17.16
Clothing repairing	16.07	37.35	11.85	31.97	2.03	9.95	14.25	30.43	4.22	11.77	8.52	21.84
Gardening and pet caring	12.86	44.63	3.61	13.00	8.13	31.36	10.00	42.87	4.00	15.58	10.23	47.44
Gardening	11.07	41.22	1.60	9.02	0.63	5.00	5.35	38.19	0.44	2.98	9.09	47.26
Pet caring (home)	0.71	3.78	0.50	3.41	3.44	22.76	0.79	6.50	0.44	2.98	0.45	4.26
Walking with dog	1.07	5.67	1.51	8.60	4.06	19.33	3.86	17.00	3.11	15.20	0.68	4.50
Repairing and maintaining	6.07	18.33	13.87	57.37	5.00	23.23	5.59	32.16	0.00	0.00	7.50	53.91
Home maintaining	3.57	13.39	11.76	56.01	4.84	23.23	4.41	31.74	0.00	0.00	6.36	53.61
Car maintaining	2.50	13.23	2.10	12.06	0.16	1.25	1.18	6.12	0.00	0.00	1.14	6.85
Purchasing and services	26.79	47.14	19.16	40.71	20.31	48.07	20.24	51.75	21.56	40.67	15.80	30.58
Purchasing goods	26.43	47.31	17.56	40.08	13.75	34.85	19.92	51.75	17.11	34.35	14.43	28.96
General services (i.e. post office)	0.36	1.89	1.26	9.70	4.84	32.02	0.08	0.89	2.00	13.42	0.34	3.20
Personal services (i.e. doctor)	0.00	0.00	0.34	3.67	1.72	11.49	0.24	2.66	2.44	12.64	1.02	9.59
Home management	0.00	0.00	0.84	5.30	2.34	15.09	0.39	4.44	0.44	2.98	1.02	6.79
Total Household responsibilities	127.50	116.23	91.26	118.14	65.63	82.77	92.99	103.05	78.89	92.72	97.16	119.01
Observations	<u> </u>	28		119		64		127		45	<u> </u>	88

#### Descriptive results (Occupation)

									Fa	thers								
	Occup	oation 1	Occup	ation 2	Occup	oation 3	Occup	oation 4	Occup	ation 5	Occup	ation 6	Occup	oation 7	Occuj	pation 8	Occup	pation 9
	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD	Mean	SD
Cooking	23.21	32.59	38.70	40.80	36.38	43.15	40.77	44.36	29.46	40.62	24.12	30.43	21.24	30.67	26.73	37.47	22.19	43.01
Cooking	17.14	26.40	29.07	29.86	26.38	35.08	26.54	37.41	21.62	30.96	15.88	23.47	17.87	29.44	21.45	33.74	16.56	31.89
Washing dishes	6.07	13.58	9.63	18.12	10.00	18.16	14.23	20.23	7.84	22.50	8.24	12.37	3.37	10.44	5.27	11.20	5.63	15.01
Cleaning	4.64	12.64	7.96	22.27	10.17	26.66	8.08	24.00	10.27	24.32	17.65	32.70	7.87	22.64	7.09	27.87	10.94	33.92
Cleaning (inside)	4.64	12.64	7.96	22.27	10.17	26.66	8.08	24.00	7.03	15.79	11.18	22.61	7.87	22.64	7.09	27.87	10.94	33.92
Cleaning (garden and outside)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.24	19.73	6.47	26.68	0.00	0.00	0.00	0.00	0.00	0.00
Clothing preparation	5.36	13.61	12.41	30.89	13.45	28.38	11.92	25.46	9.73	26.51	12.35	25.13	8.88	23.91	8.91	29.23	13.44	43.97
Laundry	0.36	1.87	1.48	7.37	2.07	8.74	0.77	3.92	0.27	1.64	1.18	4.85	1.01	7.54	0.55	4.05	2.50	12.44
Ironing	0.36	2.67	2.96	21.77	1.21	9.19	3.08	11.23	2.43	14.80	0.00	0.00	0.00	0.00	1.27	9.44	0.00	0.00
Clothing repairing	4.64	12.64	7.96	22.27	10.17	26.66	8.08	24.00	7.03	15.79	11.18	22.61	7.87	22.64	7.09	27.87	10.94	33.92
Gardening and pet caring	7.68	53.53	6.48	34.76	10.86	49.18	5.38	14.76	10.00	35.12	1.18	4.85	5.28	20.40	8.00	27.31	5.63	28.39
Gardening	7.68	53.53	5.00	34.08	6.03	45.96	3.85	13.88	3.51	21.37	0.00	0.00	2.70	15.06	3.82	24.53	2.81	15.91
Pet caring (home)	0.00	0.00	0.00	0.00	0.86	5.39	0.38	1.96	1.35	5.85	1.18	4.85	0.22	2.12	1.09	4.97	2.19	12.37
Walking with dog	0.00	0.00	1.48	7.87	3.97	18.16	1.15	5.88	5.14	20.09	0.00	0.00	2.36	13.98	3.09	12.15	0.63	3.54
Repairing and maintaining	10.00	67.15	0.56	3.02	0.69	4.13	5.00	23.54	0.54	2.29	5.88	24.25	5.84	28.75	12.00	36.43	3.75	21.21
Home maintaining	10.00	67.15	0.00	0.00	0.00	0.00	4.62	23.53	0.00	0.00	0.00	0.00	4.38	27.63	11.09	36.09	2.19	12.37
Car maintaining	0.00	0.00	0.56	3.02	0.69	4.13	0.38	1.96	0.54	2.29	5.88	24.25	1.46	8.73	0.91	6.74	1.56	8.84
Purchasing and services	8.93	24.55	12.41	28.61	16.55	34.36	15.00	23.87	16.76	37.12	2.94	12.13	18.65	40.40	27.64	54.64	41.25	94.76
Purchasing goods	8.93	24.55	12.41	28.61	14.48	33.25	10.77	16.71	14.32	31.85	2.94	12.13	18.65	40.40	21.27	44.27	37.50	93.36
General services (i.e. post office)	0.00	0.00	0.00	0.00	0.17	1.31	0.00	0.00	1.62	9.86	0.00	0.00	0.00	0.00	6.36	36.07	3.75	16.21
Personal services (i.e. doctor)	0.00	0.00	0.00	0.00	1.90	11.15	4.23	17.93	0.81	4.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Home management	0.36	2.67	0.37	2.72	1.03	7.88	4.62	23.53	1.62	8.34	0.00	0.00	0.56	3.49	1.27	6.68	0.00	0.00
Total Household responsibilities	60.18	109.17	78.89	81.19	89.14	98.29	90.77	96.08	78.38	100.71	64.12	78.27	68.31	83.19	91.64	96.16	97.19	144.03
Observations	4	56	5	54	:	58	2	26	3	37	1	17	8	39		55	:	32

Fathers	
Total	

	Mean	Std. Error
Age	<del></del>	
Less than 29 years old	0.00	(omitted)
From 30 to 44 years old	-49.08	30.51
More than 45 years old	-39.94	31.86
Weekday	-34.67***	9.11
Health	0.31	14.00
Number of household		
3 members	0.00	(omitted)
4 members	-26.32	9.55
5 members	-20.16***	15.95
Adult dependent	-2.29	11.05
External help	11.10	10.10
Nationality	1.78	14.13
Urban	-0.53***	0.13
Educational level		
Primary or below	0.00	(omitted)
Lower Secondary	9.74	20.65
Upper Secondary	-14.04	21.97
Post-secondary non-tertiary	15.95	20.74
Bachelor	10.22	23.40
Master	18.05	21.36
Constant	144.07***	37.60
R2	0.0936	
Number of Observations		<del>1</del> 71

# OLS regressions. Demographic variables

Fathers	
Total	

	Mean	Std. Error
Age	<del></del>	
Less than 29 years old	0.00	(omitted)
From 30 to 44 years old	-49.08	30.51
More than 45 years old	-39.94	31.86
Weekday	-34.67***	9.11
Health	0.31	14.00
Number of household		
3 members	0.00	(omitted)
4 members	-26.32	9.55
5 members	-20.16***	15.95
Adult dependent	-2.29	11.05
External help	11.10	10.10
Nationality	1.78	14.13
Urban	-0.53***	0.13
Educational level		
Primary or below	0.00	(omitted)
Lower Secondary	9.74	20.65
Upper Secondary	-14.04	21.97
Post-secondary non-tertiary	15.95	20.74
Bachelor	10.22	23.40
Master	18.05	21.36
Constant	144.07***	37.60
R2	0.0936	
Number of Observations		<del>1</del> 71

# OLS regressions. Demographic variables

	Fathers Total			
	Mean	Std. Dev		
	Weam	Std. Dev		
Number of hours	63	.49		
Public sector	15,38	17,13		
Income	10,00	17,10		
Income 1	9,31	12,93		
Income 2	16,49	13,38		
Income 3	13,07	15,14		
Income 4	6,58	15,32		
Occupation	0,20	10,02		
Occ 1	-47,96**	22,12		
Occ 2	-51,92**	23,55		
Occ 3	-41,74*	21,92		
Occ 4	-32,81	25,52		
Occ 5	-21,12	24,42		
Occ 6	-32,98	31,71		
Occ 7	-40,05**	19,38		
Occ 8	-33,20	20,67		
Occ 9	0,00	(omitted)		
Number of hours (partner)	.16	.50		
Occupation (partner)				
Occ 1	72,73**	28,91		
Occ 2	73,63***	21,50		
Occ 3	71,36***	21,95		
Occ 4	75,14***	22,73		
Occ 5	74,78***	24,30		
Occ 6	84.08	88,43		
Occ 7	81,52**	31,74		
Occ 8	94,16**	37,10		
Occ 9	45,42*	25,69		
Constant	58,56**	28,31		
R2	0,1881	- 7-		
Number of Observations	356			

OLS regressions. Working variables

### **Challenges and conclusions**

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#### Challenges and conclusions

- Regional vs Country results
- Fatherhood is more than childcare
- Childcare and cooking as appealing tasks
- Women's occupation is a key factor

mgraug@uic.cat
Marc\_Grau-Grau@hks.harvard.edu