

Occupational Upgrade and deinstitutionalization of marriage:

*Macro-level impacts on the risk of voluntary dissolution
of the first marital unions
in three Mexican cohorts (1950-2011)*

Nicolás Brunet nbrunet@colmex.mx

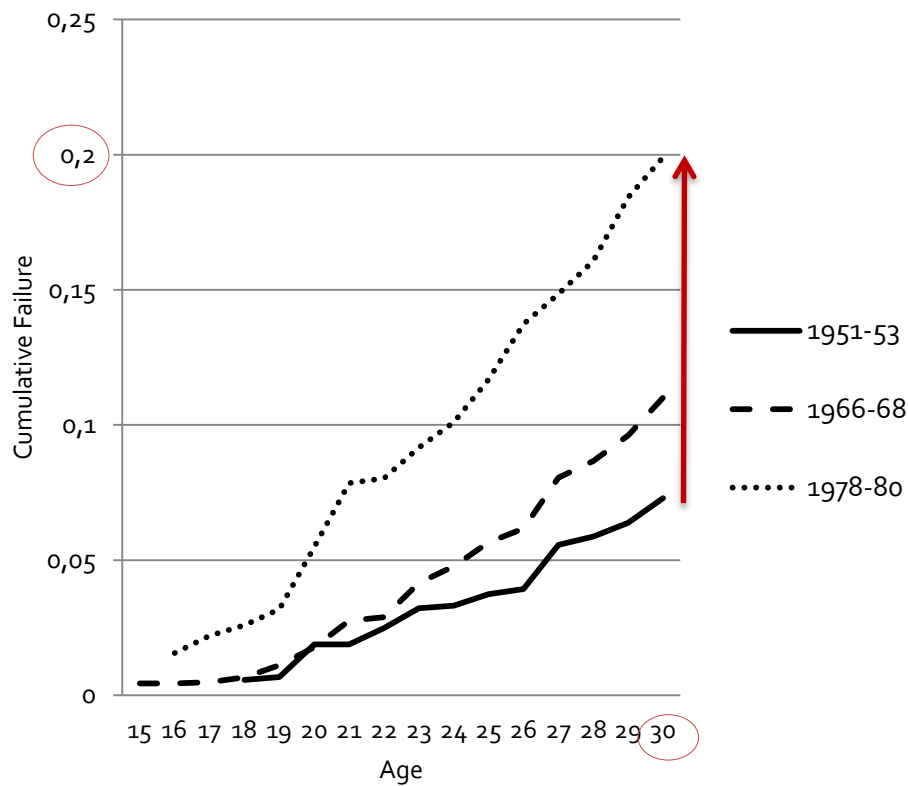
Centro de Estudios Sociológicos, El Colegio de México (Ph.D Candidate)

Pascal Sebillé pascal.sebille@u-paris10.fr

Maître de Conférences en Démographie, Centre de Recherches Sociologiques et Politiques de Paris
(CRESPPA-GTM) – Université Paris Ouest Nanterre la Défense, INED

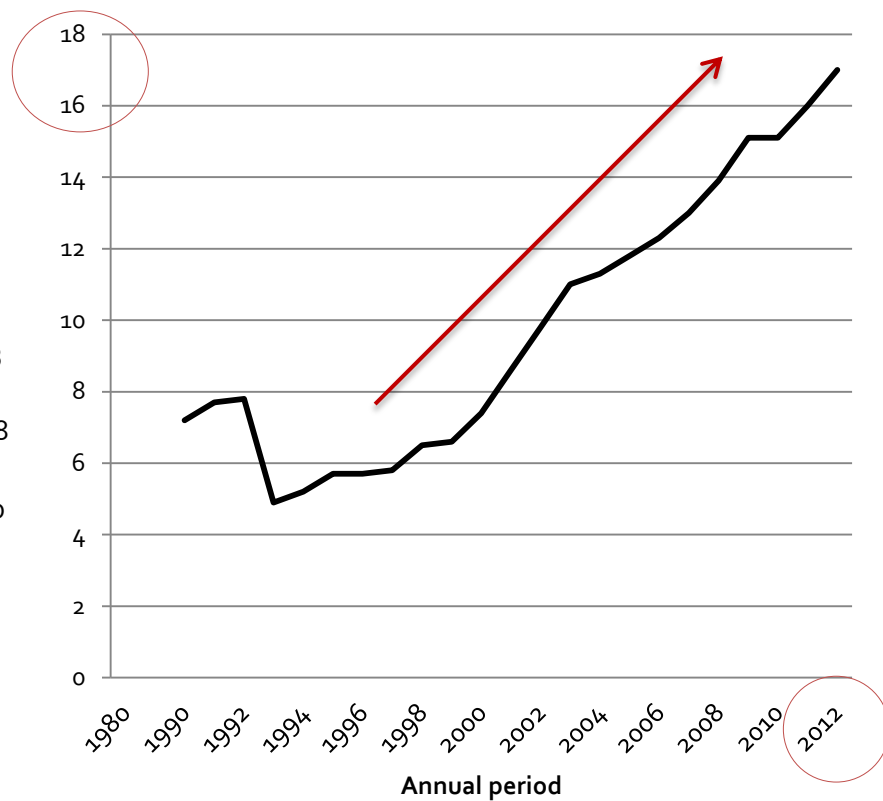
Motivation: *increasing marital dissolution trends and lack of micro-macro studies*

Marital dissolution: separation and divorce
(Women, 2011)



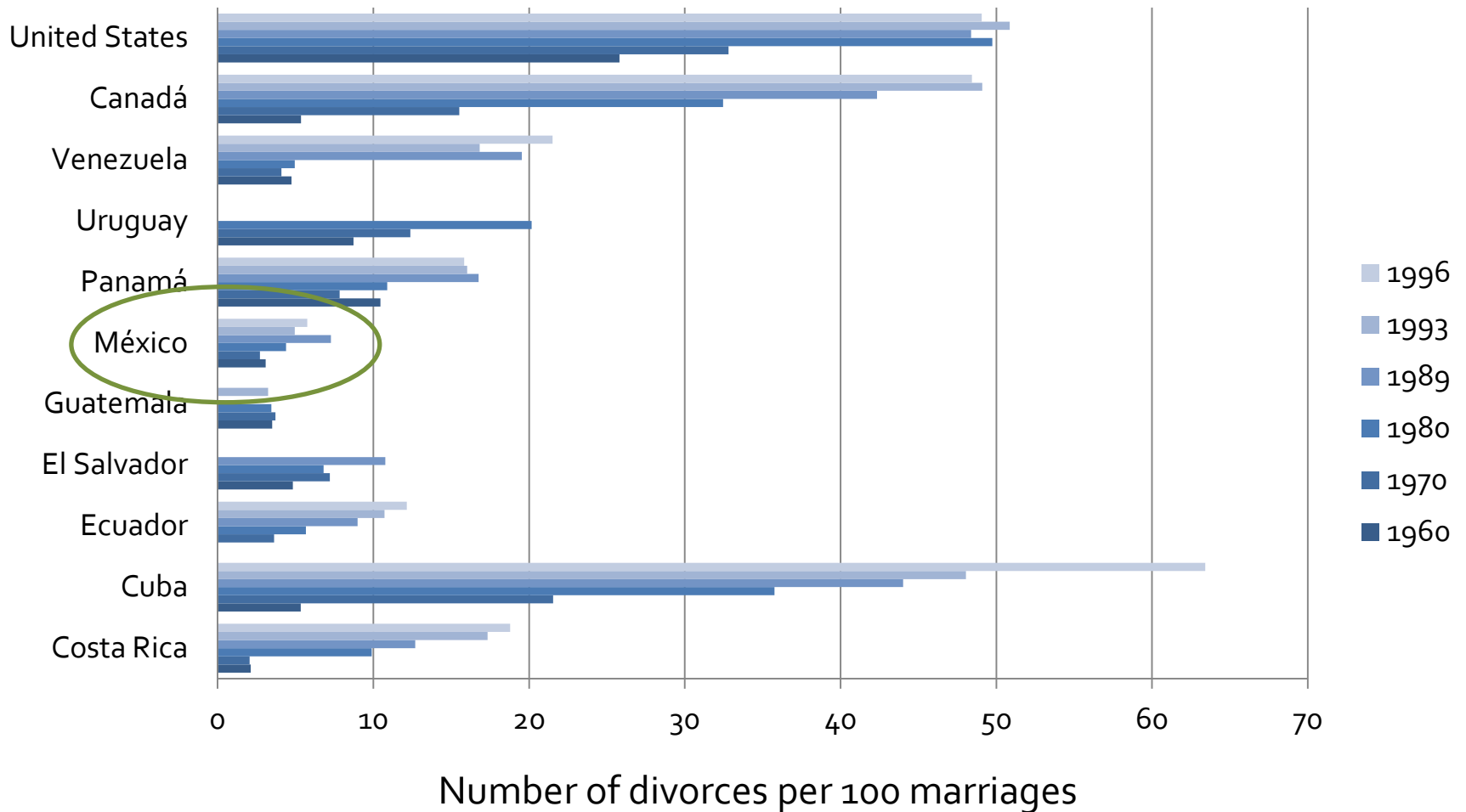
Source: Life Table estimates, EDER 2011

Divorces per 100 marriages
(1980-2012, INEGI)



Source: 1980 Cuadernos de Población

Mexican high “stability” regime: *Historical low divorce rates in comparative perspective*



Research goal and questions

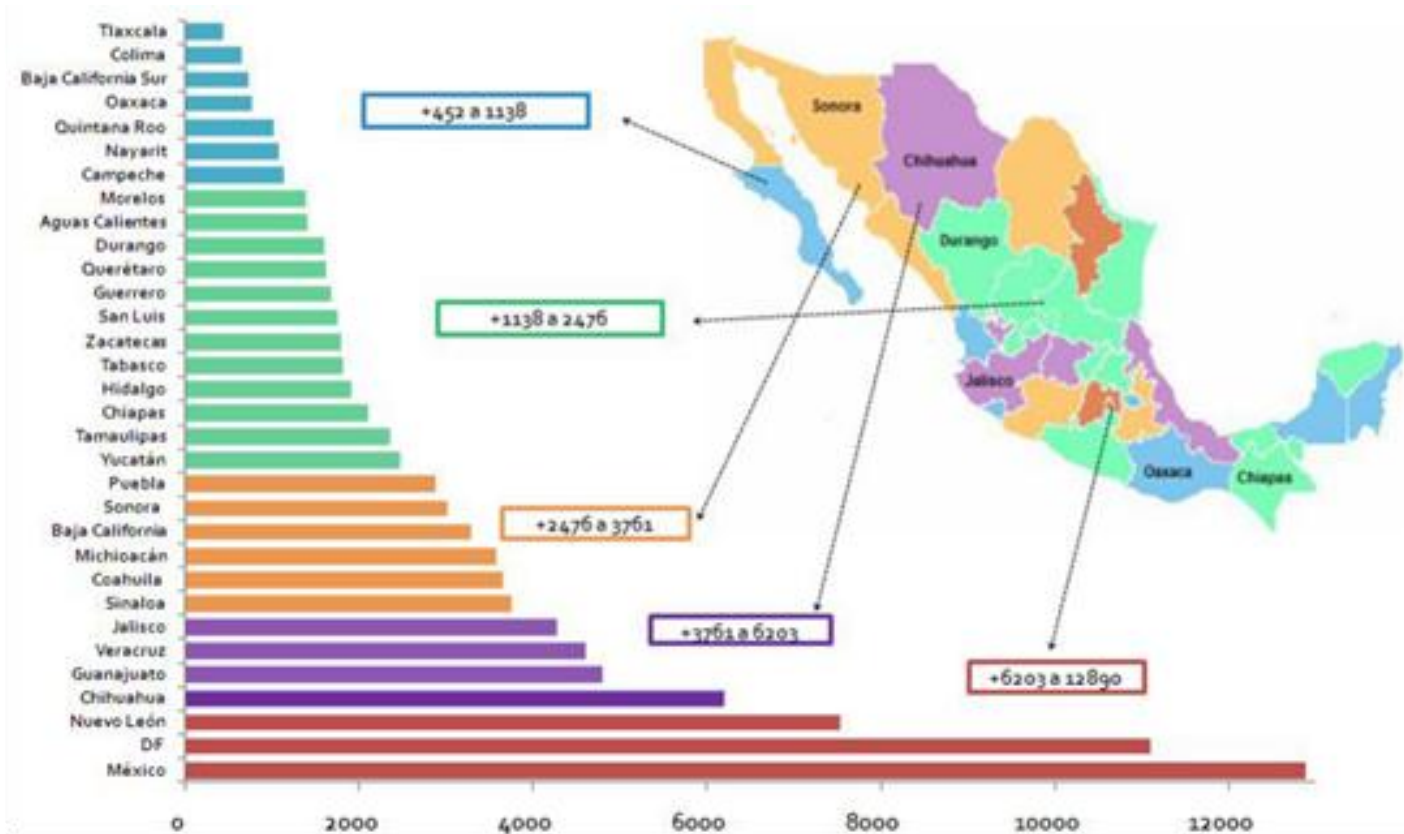
- To explore macro level institutional effects on women's marital disruptions at individual level
 1. *Can we understand this relationship using some hypothesis taken from "modernization theory" and Second Demographic Transition (SDT)?*
 2. *Does occupational qualification and deinstitutionalization of marriage affect women's marital disruption risk?*
 3. *Even if we consider the Mexican case to be special?"*

Theoretical framework

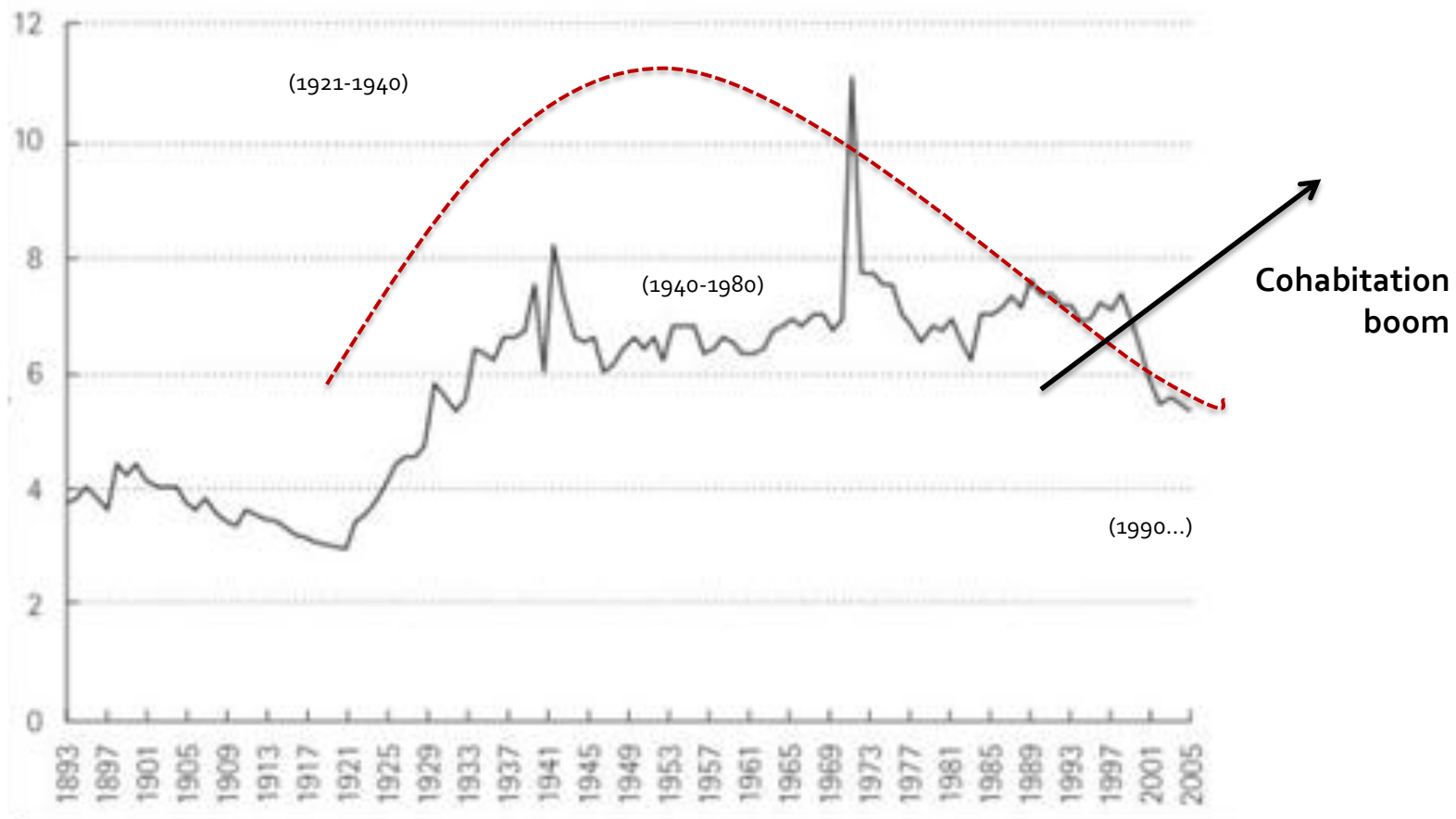
1. **Marital dissolution within a *life course perspective***: institutionalized process (Elman y O'Rand, 2007)
2. **«Modernization hypothesis»** (Treiman, 1970; Müller and Karle, 1993; Blossfeld and Jeanichen, 1992)
 - «Time Dependent effects during marital life hypothesis » (South, 2001)
3. **«Deinstitutionalization of marriage hypothesis»**, *Family Change and SDT framework* (Cherlin, 2004)
4. **«Mexican Dual System**: traditional cohabitation and formal marriage» (Castro Martin, 2002)

Three remarkable properties of Mexican nuptial
model...

1. Mixed legal divorce Mexican scenario by 32 States (2012)



2. «Incomplete institutionalization” of legal marriage (1893-2005)

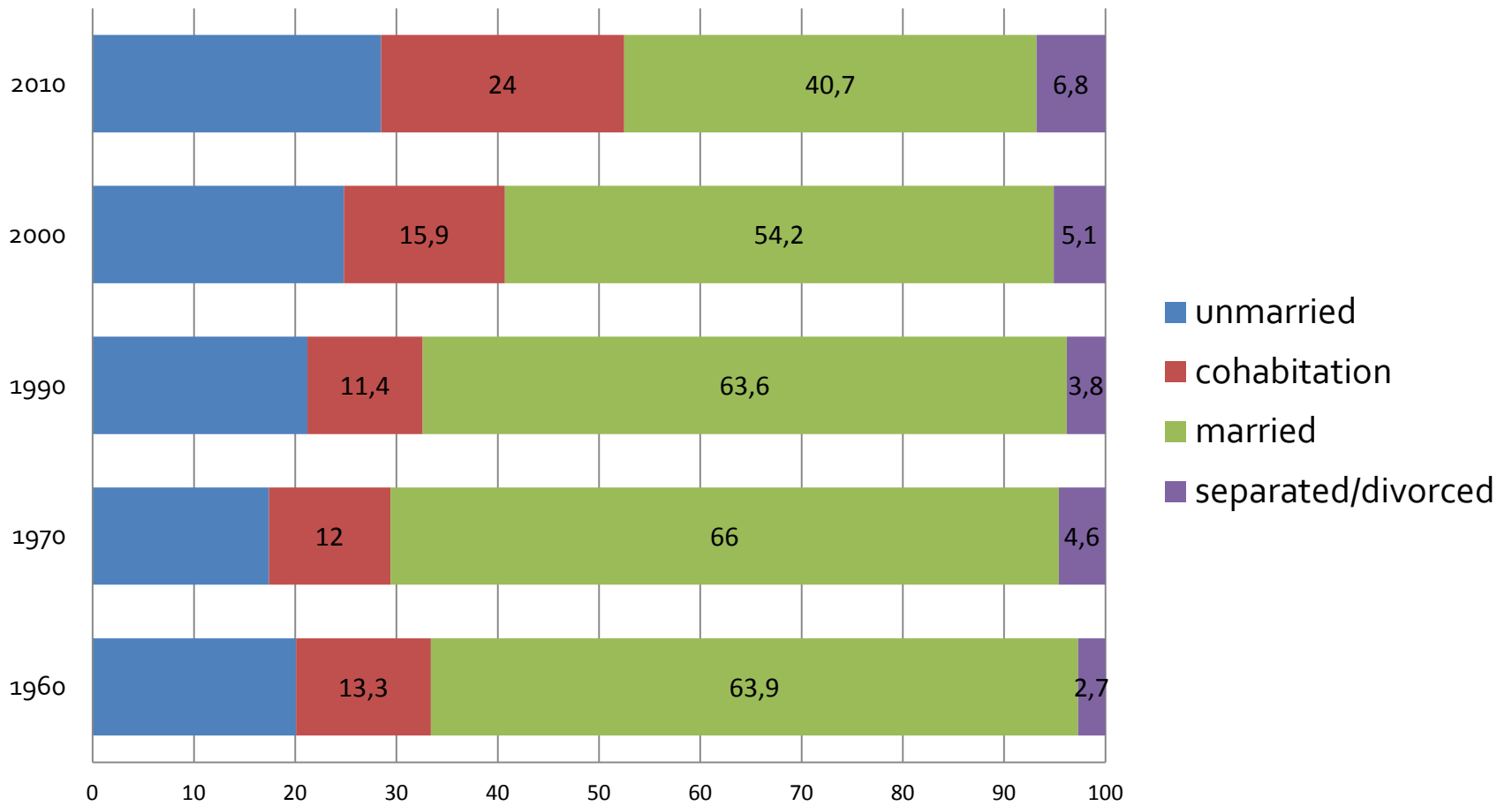


Crude Marriage Rates 1893-2005. México (per 1,000)

Source: Julieta Quilodrán (2010), *Graphic 6.1*.

3. Explosive cohabitation trend:

Proportions (%) by marital situation: 25-29 years old women. Census (1960-2010)



Source: Pérez Amador and Esteve Palos (2011)

Data

- Retrospective data from EDER 2011 (Mexico):
 - Mexican Retrospective Demographic Survey (*)
 - National representative study at Urban level
 - 32 main country areas
 - 3,200 males and females life histories (occupational, conjugal, educational)
 - Three cohorts :

1951-1953

1966-1968

1978-1980

- IPUMS-International Census Data:
 - *Integrated Public Use Microdata Series, International*

1960

1970

1990

2000

2010

(*) INEGI, Colegio de la Frontera Norte de Tijuana (COLEF), la Universidad Autónoma de Baja California (UABC), Consejo Nacional de Ciencia y Tecnología (CONACYT), CNRS et le Centre de Recherche et de Documentation sur les Amériques (CREDA), El Colegio de México (COLMEX)

Methodology

1. Estimation of dissolution probabilities using **discrete time event history** models (*odds ratio*) with **random intercept**
2. To capture ***Institutional Contexts*** with macro level indicators from Census Data and to match them with EDER by person-years considering residence (**state and urban/rural**):
3. To estimate ***Rho*** terms (*ICC*) to explore components variance distribution: *level 2 / level 1 + level 2*

$$\rho = \frac{\tau_{00}}{(\tau_{00} + \pi^2 / 3)}$$

4. To estimate ***linear combinations*** of **interactions** and **main effects** to examine time dependency (cohort and duration of marital life)

Indicators (by level)

Level	Dimension	Indicators	Source
Macro	<i>Occupational Upgrade</i>	Proportion of non-manual employment level (12 years+)	IPUMS-I
	<i>Nuptiality</i>	Marital dissolution level (20-45 years)*	
		"Modern" cohabitation level (25-29 years with <i>high school</i> or more)**	
	<i>Fertility / Out-of-Wedlock childbearing</i>	Number of less than 5 years old children in "modern" consensual partnership (25-29 years with high school+)	
Micro	Union	Age at first union (Women)	time to dissolution, truncation EDER 2011
		Duration	
		Type (Civil, Civil-religious, Cohabitation)	
	Cohort	Cohort (1951-1953; 1966-1968; 1978-1980)	
	Family Background	Socio-economic Status (SES)	
		Educational level	
Work experience	Number of jobs		
Couple experience	Premarital fertility		
	Premarital cohabitation		

* By total ever in union (20-45 years)

** By total ever in union (25-29 years)

*** By women's total (25-29 years)

Results

Table 1:

Net institutional context estimations on first women's marital dissolution (random intercept by context)

Discrete time Event History models – Women Cohorts 1951-1953; 1966-1969; 1978-1980

<i>Independent variables</i>	<i>Models</i>			
	Women's Occupational Upgrade	(De)Institutionalization of marriage		
		I	II	III
Proportion of non-manual employment (12 years+)	2,35***			
Marital dissolution level (20-45 years)		2,53***		
"Modern" cohabitation level (25-29 years with <i>high school</i> +))			7,9***	
Number of less than 5 years old children in "modern" consensual partnership (25-29 years with <i>high school</i> +))				1,99***
<i>Lineal combinations: Cohort and Macro indicators (eβ)</i>				
eβxCoh.1966-68#eβ	0,703*	1,92***	3,17***	1,29**
eβxCoh.1978-80#eβ	0,718	1,180	1,339	1,034
Intraclass Correlation Coeficient (<i>Rho</i>)	0,000	0,013	0,025	0,003
Chibar2	0,496	0,116	0,032	0,382
BIC	2254,7	2263,8	2110,1	2267,1
N (Person-years)	24165	24165	24155	24165

*Odds Ratios, *p<0.05; ** p<0.01; *** p<0.001*

Table 2:

Occupational upgrade net effect on marital dissolution by marital duration
(model 1)

<i>Duration (years)</i>	<i>Odds Ratios</i>
Less than 5	1.29
5 to 10	1.870*
10 to 20	2.282*
20 to 25	1.44
26 or more	.361***

* $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$

Conclusions and limitations

work in progress...

1. *Institutional contexts* have shown positive and significant effects on women's marital dissolution
2. The conclusion above suggests more research could be necessary in *modernization theory* and "SDT" direction
3. Nevertheless, idiosyncratic characteristics of the Mexican historical process must be taken into account
4. Special qualitative research must be conducted in order to distinguish similar patterns with different social significance of marital dissolution

Thank you!

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