

# Dr. RAÛL TORMOS

Curriculum Vitae, July 2021

---

*Professional address:*

Centre d'Estudis d'Opinió  
c/Pau Claris, 138 4th floor  
Barcelona, 08009 (Spain)  
+34 93 496 05 74  
[rtormos.ceo@gencat.cat](mailto:rtormos.ceo@gencat.cat)

---

## EDUCATION

---

PhD in Political Science (2013), Autonomous University of Barcelona.

Dissertation title: "The Rhythm of Modernization. Contextual Effects and Within-Cohort Value Change". Director: Eva Anduiza. Committee members: José Ramón Montero, Willem Saris, and Martin Kroh. Summa Cum Laude with European Doctor distinction.

MRes in Political Science (2007), Autonomous University of Barcelona.

Postgraduate Diploma in Advanced Sociology (2000), University of Barcelona.

BA in Sociology (1999), University of Barcelona.

---

## RESEARCH AREAS

---

Values and modernization; political culture and public opinion; political behavior; political sociology; political economy; cross-cultural psychology; cultural evolution; age-period-cohort effects; multilevel modeling; latent variables; quantitative techniques; survey methodology; causal inference.

---

## PROFESSIONAL ACTIVITY

---

2009-present Senior researcher, Centre d'Estudis d'Opinió, Generalitat de Catalunya.

2005-09 Researcher, Centre d'Estudis d'Opinió, Generalitat de Catalunya.

2017-present Adj. Professor, Open University of Catalonia, Dept. of Political Science.

2011-present Lecturer, Public Administration School of Catalunya, EAPC.

2014-17 Adj. Professor, University of Barcelona, Dept. of Sociology.

2010-11 Adj. Professor, Autonomous University of Barcelona, Dept. of Mathematics.

2008-09	Adj. Professor, Autonomous University of Barcelona, Dept. of Political Science.
2003-04	Research assistant, Autonomous University of Barcelona, Dept. of Political Science.
2001-02	TMR visiting scholar, Mannheim Center for European Social Research (MZES), University of Mannheim (Germany). Supervisor: Prof. Dr. Hermann Schmitt.
2000-01	Sociologist, Center for Economic and Social Research of Catalonia (CRESC)
1999-00	Research assistant, University of Barcelona, Dept. of Sociology.

## TEACHING

---

Political behavior (BA Political Science)  
 Quantitative methods (MSc Sociology)  
 Tutor of master's theses (MA Political Science)  
 Data analysis with PSPP (EAPC, special courses for civil servants)  
 Introduction to survey research (EAPC, special courses for civil servants)  
 Advanced questionnaire design (EAPC, special courses for civil servants)  
 Research design (MSc Sociology)  
 Comparative methods (MSc Political Science)  
 Tutor for bachelor's theses (BA Sociology)  
 Survey design and official statistics (BSc in Applied Statistics)  
 Quantitative methods (BA in Political Science)

## PEER-REVIEWED PAPERS

---

- Tormos, R.**, and Verge, T. (forthcoming): "Challenging the Gender Gap in Political Interest: A By-Product of Survey Specification Error", *Public Opinion Quarterly*. *IF = 4.145*
- Anduiza, E., and **Tormos, R.** (forthcoming): "Survey Data and Methods", in M. Grasso and M. Giugni eds. *The Oxford Handbook of Political Participation*. Oxford: Oxford University Press.
- Tormos, R.** (2019): "Measuring Personal Economic Hardship and its Impact on Political Trust during the Great Recession", *Social Indicators Research* 144 (3): 1209-1232. *IF = 2.614*
- Fonseca, P., and **Tormos, R.** (2018): "Using the R Language to Manage and Show Statistical Information in the Cloud", *Technologies* 6(4): 113.
- Tormos, R.** (2018): "Question-Order Effects in the Evaluation of Political Institutions in Decentralized Polities", *International Journal of Public Opinion Research* 31 (3): 66-81. *IF = 2.110*

- Zavala, D., **Tormos, R.**, Revilla, M. and Weber, W. (2018): “Designing Response Scales with Multi-Trait Multi-Method Experiments”, *Mathematical Population Studies* 25 (2): 66-81. IF = .720
- Dobewall, H., **Tormos, R.** and Vauclair, C-M. (2017): “Normative Value Change Across the Human Life Cycle. An Examination of Cultural Differences in Age and Cohort Effects”, *Journal of Adult Development* 24 (4): 263-276. IF = 1.909
- Tormos, R.**, Vauclair, C-M., and Dobewall, H. (2017): “Does Contextual Change Affect Basic Human Values? A Dynamic Comparative Multilevel Analysis across 32 European Countries”, *Journal of Cross-Cultural Psychology* 48 (4): 490-510. IF = 2.618
- Muñoz, J. and **Tormos, R.** (2015): "Economic Expectations and Support for Secession in Catalonia: Between Causality and Rationalization", *European Political Science Review* 7 (2): 315-341. IF = 4.143
- Covered by: *Democratic Audit UK, LSE's blog, ZoomPolítico Fund. Alternativas, El País, Diari Ara, El Guaita.*
- Tormos, R.** (2012): "Postmaterialist Values and Adult Political Learning. Intracohort Value Change in Western Europe", *Revista Española de Investigaciones Sociológicas* 140 (1): 89-120. IF = .953
- Verge, T., and **Tormos, R.** (2012): “The Persistence of Gender Differences in Political Interest”, *Revista Española de Investigaciones Sociológicas* 138 (1): 89-108. IF = .953

## BOOKS

---

**Tormos, R.** (2019): *The Rhythm of Modernization. How Values Change over Time*. Leiden & Boston, Brill Academic Publishers.

In *The Rhythm of Modernization*, Raúl Tormos analyses the pace at which belief systems change across the developed world during the modernization process. It is often assumed that value change follows the slow rhythm of generational replacement. This book, however, reports trends that contradict this assumption in the field of values. Challenging Inglehart’s modernization theory, the transition from traditional to modern values happens much quicker than predicted. Many “baby-boomers” who were church-going, morally conservative materialists when they were young, become unchurched and morally tolerant postmaterialists in their later years. Using surveys from multiple countries over many years, and applying cutting-edge statistical techniques, this book shows how citizens quickly adapt their belief systems to new circumstances throughout their lives.

**Tormos, R.** (2021): *Els valors dels catalans. Àmbits, perfils i perspectiva comparada*. Monografia nº 10 del Centre d'Estudis d'Opinió, Generalitat de Catalunya, Barcelona.

Covered by: *La Vanguardia*.

**Tormos, R.** (2005): *La influència de l'edat en el comportament electoral a Catalunya. Cicle vital o generació?* Col·lecció Estudis núm. 19, Observatori Català de la Joventut – Generalitat de Catalunya, Barcelona.

## CONFERENCE PAPERS

---

**Tormos, R.**, and T. Rodon, 'Openness to secession. An age-period-cohort analysis of support for secession in Catalonia. 1991-2019'. ECPR Conference 2021.

**Tormos, R.**, and T. Rodon, 'Situations can make you a secessionist. An age-period-cohort analysis of support for secession in Catalonia. 1991-2019'. ASEN Conference 2021.

**Tormos, R.**, "Question-Order Effects and Trust in Politicians in Plurinational Contexts" Conference on Political Trust in Contemporary Democracies, World Association of Public Opinion Research, Barcelona 2016.

**Tormos, R.**, Vauclair, C-M., and Dobewall, H. "What Contributes to Individuals' Value Change? A Longitudinal Comparative Analysis of 25 European Countries". VI Conference of the European Survey Research Association, Reykjavik 2015.

**Tormos, R.** "Contextual Changes and Tolerance of Homosexuality across 28 OECD Countries, 1981-2007". VI Conference of the European Survey Research Association, Reykjavík 2015.

**Tormos, R.** "Multilevel strategies for the complex nested structures of international repeated cross-sectional surveys". VI Conference of the European Survey Research Association, Reykjavik 2015.

Fonseca, P., **Tormos, R.**, and J. Casanova "UPCEO, connecting statistics and people using R", Conference of the Institute for Natural Science and Engineering INASE, Barcelona 2015.

**Tormos, R.**, Muñoz, J., and Hierro, M. J. "Endogenous identities? How the independence debate is reshaping Catalans' identity", The Politics Identity Adoption - Workshop, IBEI. Barcelona 2014.

Dobewall, H., **Tormos, R.**, and Vauclair, C-M. "Disentangling cultural differences in age, period, and cohort effects: An investigation of change in personal values across 25 European countries",

22nd International Conference – International Association for Cross-Cultural Psychology, Reims 2014.

Zavala, D., and **Tormos, R.** “Fixed reference points in political questions: Improving precision in questionnaire design”, 1st Southern European Conference on Survey Methodology (SESM). Barcelona 2013.

Muñoz, J., and **Tormos, R.** “Identity, Instrumental Calculations and Political Radicalism: On the Determinants of Support for Secession in Catalonia”, XXII World Congress of Political Science – IPSA, Madrid 2012.

Muñoz, J., and **Tormos, R.** “Economic calculations and support for secession. A survey experiment”, International Workshop: Change in Political Attitudes. Panels and Experiments, Universitat Autònoma de Barcelona, Bellaterra 2012.

**Tormos, R.** “Strategies to Overcome the APC Conundrum. The Age-Stability Hypothesis in Postmaterialist Values, Attitudes to Homosexuality, and Religious Practices”, V Conference of the European Survey Research Association, Lausanne 2011.

**Tormos, R.** “Changing Religious Values? The Importance of Religion in Life”, seminar organized by the Democracy, Elections and Citizenship research group, Dept. of Political Science, Universitat Autònoma de Barcelona, Bellaterra 2011.

**Tormos, R.**, and Arroyo, L. “Post-Traditional Religiosity in Europe. A Structural Equation Approach”, XVII World Congress of Sociology - International Sociological Association, Göteborg 2010.

**Tormos, R.** “Strategies to Overcome the APC Conundrum. The Age-Stability Hypothesis in Postmaterialist Values and Attitudes to Homosexuality”, X Congreso Español de Sociología FES, Pamplona 2010.

**Tormos, R.** “Increasing Tolerance of Homosexuality: Intracohort Changes in 28 OECD Countries, 1981-2007”, X Congreso Español de Sociología FES, Pamplona 2010.

**Tormos, R.** “Postmaterialism as a Lifetime Learning Process. A Longitudinal Analysis of Intra-Cohort Value Change in Western Europe”, IV Conference of the European Survey Research Association, Warsaw 2009.

Verge, T., and **Tormos, R.** “Gender Gap’s Endurance in Political Attitudes: The Role of Individual Resources, Situational Factors and Socialization”, IX Congreso de la AECPA, Málaga 2009.

**Tormos, R.** “Postmaterialismo y aprendizaje a lo largo de la vida: Un análisis longitudinal del cambio intrageneracional de valores en los países de la Europa Occidental, 1970-1999”, IX Congreso de la AECPA, Málaga 2009.

Rivas, R., and **Tormos, R.** “Una propuesta de indicadores para medir el cambio político en Cataluña”, VII Congreso de la AECPA, Madrid 2005.

## OTHER PUBLICATIONS

---

**Tormos, R.** (2020): "És la bretxa de gènere en l'interès per la política un error de mesura", *Papers de treball del Centre d'Estudis d'Opinió*. Barcelona

**Tormos, R.** (2017): "L'efecte de la situació econòmica personal en la confiança en les institucions en època de crisi", *Papers de treball del Centre d'Estudis d'Opinió*. Barcelona

**Tormos, R.** (2016): “Experiment sobre els efectes de l'ordre en la valoració dels polítics catalans i espanyols”, *Apunts de treball del Centre d'Estudis d'Opinió*. Barcelona

**Tormos, R.** (2016): “Estratègies multinivell per analitzar enquestes de tall transversal en múltiples països i múltiples moments en el temps”, *Papers de treball del Centre d'Estudis d'Opinió*. Barcelona

**Tormos, R.**, Muñoz, J., and Hierro, M. J. (2015): “Identificació nacional: causa o conseqüència? Els efectes del debat sobre la independència en la identitat dels catalans”, *Papers de treball del Centre d'Estudis d'Opinió*. Barcelona.

**Tormos, R.** (2014): “Aspectes metodològics de l'enquesta online amb experiments”, *Apunts de treball del Centre d'Estudis d'Opinió*. Barcelona.

Muñoz, J., and **Tormos, R.** (2013): “El apoyo a la independencia en Cataluña: ¿identidad o cálculo económico?”, *Colección Zoom Político*, n. 19/2013, Fundación Alternativas. Madrid.

Muñoz, J., and **Tormos, R.** (2012): “Identitat o càlculs instrumentals. Anàlisi dels factors explicatius del suport a la independència a Catalunya”, *Papers de treball del Centre d'Estudis d'Opinió*. Barcelona.

Verge, T., and **Tormos, R.** (2010): “La persistència del gender gap a les actituds polítiques a Catalunya”, *Papers de Treball del Centre d'Estudis d'Opinió*. Barcelona.

**Tormos, R.** (2009): “Actitudes de los españoles hacia la protección social en la UE”, in A. Hegea-de Haro (ed.) *La ciudadanía española y el futuro de Europa*. Fundació Alternativas - OPEX, Madrid.

**Tormos, R.** (2008): “Una nova generació de catalans (II)”, *EINES 4*, Fundació Josep Irla, Barcelona.

**Tormos, R.** (2008): “Una nova generació de catalans (I)”, *EINES 3*, Fundació Josep Irla, Barcelona.

Cantijoch, M., and **Tormos, R.** (2005): “La diferència de gènere. El vot de les dones a Catalunya”, *Col·lecció el Pensament i l'Acció*. Fundació Nous Horitzons, Barcelona.

**Tormos, R.** (2001): “XVII Congrès. Joventuts d'Esquerra Republicana de Catalunya" in Ò. Barberà, À. Barrio, and J. Rodríguez (eds.) *Els militants de les organitzacions polítiques juvenils*. Fundació Jaume Bofill, Barcelona.

**Tormos, R.** (1998): Book review “Giovanni Sartori. 'Homo videns: La sociedad teledirigida'”, in *Gestión y Análisis de Políticas Públicas* 13-14.

## OUTREACH

---

“Economic considerations play only a limited role in explaining support for Catalanian independence, but could be crucial in deciding the final outcome”, Democratic Audit UK, LSE’s blog. <http://www.democraticaudit.com/?p=10271>

“Los adultos cambian sus valores más arraigados”, La Razón, 30th June 2014.

“La raó independentista: entre el cor i la butxaca”, Diari ARA, 8th April 2012.

## OTHER TEACHING EXPERIENCES

---

Invited professor at the Master in Political Science at the UAB. Course on Comparative Methods, 2013-15.

Invited professor at the Inter-university Master in Youth and Society (MIJS), organized by the UAB, UB, UPF, UdG, URV, UdL and Generalitat de Catalunya, 2009.

Professor at the “Master in Political Marketing” (2006) of the ICPS (UAB), 2006.

## ADDITIONAL TRAINING

---

### Research and Expertise Center for Survey Methodology (*RECSM-UPF*)

- "Latent Trait and Latent Class Analysis for Cross-National Surveys (10h)
- "Bayesian Modeling" (10h)
- "Field Experiments: Design, Analysis and Interpretation" (15h)
- "My first Bayes. How to run your first Bayesian model" (15h)
- "Continuous time modeling of panel data by means of structural equation modeling" (15h)
- "Evaluation and improvement of survey questions using Survey Quality Prediction (SQP)" (15h)
- "Statistical methods for policy evaluation and causal inference in observational studies" (15h)
- "Probability sampling vs. non-probability sampling: What should we use and why" (15h)
- "Strategies in comparative analysis: Multi-level, multi-group and dummy approaches" (15h)
- "Attitudes and their measurement using subjective reference points" (15h)
- "Four different reasons why one will find two factors for One dimensional concept" (4h)
- "Embedding experiments in surveys" (4h)

### Universitat Pompeu Fabra

- "Growth Modeling, Survival Analysis, and Missing Data Analysis using Mplus" (15h) B. Muthén
- "Estimating Treatment Effects: Methods for Non-Randomized Interventions" (20h)
- "Structural Equation Modeling" (35h) W. Saris
- "Design, Evaluation, and Analysis of Questionnaires for Survey Research" (35h) W. Saris

### European Survey Research Association

- "Multilevel Structural Equation Models", Reykjavík 2015 (4h)
- "Latent Class Analysis for Survey Research", Reykjavík 2015 (4h)
- "Survey Nonresponse: Reduction, Bias and Comparability", Lausanne 2011 (4h)
- "Continuos Time Modeling of Panel Data", Warsaw 2009 (4h)

### Essex Summer School in Social Science Data Analysis and Collection

- "Panel Data Analysis of Microdata", 2009 (35h) Mark Bryan
- "Multilevel Models with Applications", 2009 (35h) Coora Mas
- "Logit, Probit, and other Generalized Linear Models", 2002 (35h) Tim Liao
- "Introduction to Regression", 2002 (35h) Paul Whiteley

### Escuela de Métodos y Análisis Sociopolíticos (EMAS), *Universidad de Salamanca*

- "Multilevel analysis", 2008 (20h)
- "Time Series Analysis", 2008 (20h)
- "Segmentation and Factor Analysis", 2003 (20h)

### Centre d'Estudis d'Opinió

- "Experiments per enquesta. Una introducció", 2011 (3h) J. Muñoz

### Universitat Autònoma de Barcelona

- "Introduction to Big Data: Theory and methods for the analysis of digital data", 2013 (15h) M. Jensen, J. Salcedo and C. Crstancho

- “Economic Voting and Election Forecasting”, 2010 (40h) M. Lewis-Beck

#### **IVALUA – Institut Català d’Avaluació de Polítiques Públiques**

- “Public Policy Evaluation” (CFAPP), 2009 (45h)

#### **SPSS, Ibérica**

- “Multinomial and Ordinal Logit Regression”, 2009 (7h)
- “Cluster Analysis Techniques with SPSS”, 2007 (12h)

#### **Col·legi de Sociòlegs i Politòlegs de Catalunya**

- “Seminari per a usuaris avançats d’Excel”, 2008 (8h)

#### **• TMR Network Political Representation**

- “The TMR Winter School in Comparative Electoral Research”, 2002, Université Catholique de Louvain (60h) C. van der Eijk, M. Marsh, A. M. Aish

#### **The Oslo Summer School in Comparative Social Science Studies**

- “Inequality in a Comparative Perspective”, 1999 (25h) Ch. Tilly
- “Cross-National Comparative Research into Electoral Behaviour and Political Representation”, 1999 (25h) H. Schmitt

#### **Berkeley Summer Sessions, University of California at Berkeley**

- “Sociology of Culture”, 1998 (160h) J. Stockinger

#### **Coursera**

- “Measuring Causal Effects”, University of Copenhagen. Anders Holms (150h)
- “Questionnaire Design for Social Surveys”, University of Michigan. F. Kreuter & F. Conrad (150h)
- “Democracia y decisiones públicas. Introducción al análisis de políticas públicas”, Universitat Autònoma de Barcelona. Joan Subirats et al. (150h)
- “Model Thinking”, University of Michigan. Scott E. Page (150h)
- “Social Epidemiology”, University of Minnesota. Michael Oakes (150h)
- “A Brief History of Humankind”, The Hebrew University of Jerusalem. Yuval Noah Harari (150h)

#### **Santa Fe Institute – Complexity Explorer**

- “Introduction to Agent-Based Modeling”, Bill Rand & Anamaria Berea (150h)
- “Fundamentals of NetLogo”, Bill Rand (150h)

### **PARTICIPATION IN FUNDED RESEARCH PROJECTS**

---

- Member of the research network “Boundaries of Life”, funded by the German state (DFG- Deutsche Forschungsgemeinschaft). 2014-2016.
- Member of the research network “The Euromanifestos Project”, funded by the German state (DFG- Deutsche Forschungsgemeinschaft) 2002-2004.

## MEMBERSHIP

---

Research Group “Democracy, Elections, and Citizenship” (UAB)  
World Association of Public Opinion Research (WAPOR)  
European Survey Research Association (ESRA)  
European Political Science Association (EPSA)  
Cultural Evolution Society

## PROFESSIONAL SERVICE

---

- Reviewer for *European Journal of Political Research*; *Social Indicators Research*; *International Political Science Review*; *Social Science Research*; *European Political Science Review*; *Journal of Cross-Cultural Psychology*; *International Journal of Public Opinion Research*; *Publius: The Journal of Federalism*; *Mobilization*; *Politics, Culture, and Socialization*; *Revista Española de Ciencia Política*; *Empiria*.

## COMPUTER PROGRAMS

---

SPSS, Stata, SAS, R, LISREL, Mplus, Eviews, HLM, Excel, Ucinet, PSPP, NetLogo, Python and Matlab.

## LANGUAGES

---

English: Fluent (oral and written)  
German: Intermediate (*Zertifikat Deutsch*, 2005)  
Romanian: Intermediate  
Spanish: Native  
Catalan: Native