

**VITA: Alberto Maydeu-Olivares**

December 2015

Department of Psychology. University of South  
Carolina  
Barnwell College. 1512 Pendleton St.  
Columbia, SC 29208  
E-mail: [amaydeu@sc.edu](mailto:amaydeu@sc.edu)

***Education***

1987. B.Sc. Psychology. University of Barcelona.  
1991. M.Sc. Psychology. University of Illinois.  
1991. Ph.D. Psychology. University of Barcelona.  
1994. M.Sc. Statistics. University of Illinois.  
1997. Ph.D. Quantitative Methods. University of Illinois.

***Current Employment***

2015- present. Professor. University of South Carolina. Columbia.

***Previous Employment***

2011-2015. ICREA Academia Distinguished Professor. Faculty of Psychology. University of  
Barcelona.  
2003-2012. Adjunct Professor of Quantitative Methods and Marketing. IE Business School.  
2009-2011. Professor. Faculty of Psychology. University of Barcelona.  
2002-2003. Professor. Marketing Dept. IE Business School.  
1997-2009. Associate Professor. Faculty of Psychology. University of Barcelona.  
1995-1997. Assistant Professor. Dept. of Statistics and Econometrics. Universidad Carlos III  
de Madrid.  
1989-1994. Teaching Assistant. Dept. of Psychology. University of Illinois. Urbana-  
Champaign.

***Honors and Fellowships***

1982. CIRIT Award to outstanding young researchers. Catalan Government (Spain).  
1985-1986. Repsol Fellowship.  
1989. Valedictorian. University of Barcelona  
1989-91. Fulbright La-Caixa Fellowship.  
1991. CIRIT-AIRE Fellowship. Catalan Government (Spain).  
1992-1993. Postdoctoral Scholarship. Ministry of Education and Science of Spain.  
1993. Graduate College Thesis Grant. University of Illinois.  
1998. CIRIT-BE Fellowship. Catalan Government (Spain).  
2002. American Psychological Association Distinguished Dissertation Award. Division 5  
2002. Honorary mention. Young Investigator Award. Society Mathematical Psychology.  
2005. Young Investigator (Cattell) Award. Society for Multivariate Experimental  
Psychology.

***Grants/ Research Contracts***

### *Research Awards*

2002-2006. Catalan Young Investigator Award  
 2007-2010. I3 program award. University of Barcelona  
 2011-2016. ICREA-Academia Distinguished Professor Award

### *Principal Investigator* (Total = 1,002,968€)

2000-2003. Research Grant BSO2000-0661. Spanish Ministry of Science and Technology.  
 2003-2006. Research Grant BSO2003-08507. Spanish Ministry of Science and Technology.  
 2006-2009. Research Grant SEJ2006-08204/PSIC. Spanish Ministry of Science and Technology.  
 2009-2013. Research Grant SGR 2009 74. AGAUR. Autonomous Government of Catalonia.  
 2009-2012. Research Grant PSI2009-07726. Spanish Ministry of Education.  
 2011-2012. Research Grant PR2010-0252. Spanish Ministry of Education.  
 2012. Research Grant 2011 BE1-00050. AGAUR. Autonomous Government of Catalonia.  
 2012-2015. Research Grant PSI2012-33601. Spanish Ministry of Economy.

### *Publications*

Citations (based on Google scholar): 5,500+  
*h*-index: 32

### *Books*

Millsap, R. & Maydeu-Olivares, A. (Eds.) (2009). *Handbook of Quantitative Methods in Psychology*. London: Sage.  
 De Castro, J.O., Justo, R. & Maydeu-Olivares, A. (Eds.). (2008). *La naturaleza del proceso emprendedor en España en el contexto internacional*. [Characteristics of Spanish entrepreneurship within an international context]. Madrid: Fundación BBVA.  
 Maydeu-Olivares, A. & McArdle, J.J. (Eds.) (2005). *Contemporary Psychometrics. A Festschrift to Roderick P. McDonald*. Mahwah, NJ: Lawrence Erlbaum.

### *Selected book chapters*

Brown, A. & Maydeu-Olivares, A. (in press). Modeling forced-choice response formats. In P. Irwing, T. Booth & D. Hughes (Eds.), *The Wiley Handbook of Psychometric Testing*. London: John Wiley & Sons.  
 Maydeu-Olivares, A. (2015). Evaluating fit in IRT models. In Steve P. Reise & Dennis A. Revicki (Eds.). *Handbook of Item Response Theory Modeling: Applications to Typical Performance Assessment* (pp. 111-127). New York: Routledge.  
 Maydeu-Olivares, A. & Böckenholt, U. (2009). Modeling preference data. In R. Millsap & A. Maydeu-Olivares (Eds.) (2009). *Handbook of Quantitative Methods in Psychology*. (pp. 264-282). London: Sage.  
 Maydeu-Olivares, A. & Joe, H. (2008). An overview of limited information goodness-of-fit testing in multidimensional contingency tables. In K. Shigemasu, A. Okada, T. Imaizumi, & T. Hoshino (Eds.) *New trends in Psychometrics* (pp. 253-262). Tokyo: Universal Academy Press.

- Maydeu-Olivares, A. (2005). Linear IRT, non-linear IRT, and factor analysis: A unified framework. In A. Maydeu-Olivares, & J.J. McArdle (Eds.) (2005). *Contemporary Psychometrics. A Festschrift to Roderick P. McDonald* (pp. 73-100). Mahwah, NJ: Lawrence Erlbaum.
- D'Zurilla, T.J., Nezu, A. M. & Maydeu-Olivares, A. (2004). Social problem solving: Theory and assessment. In E.C. Chang, T.J. D'Zurilla & L. Sanna, (Eds.) *Social problem solving: Theory, research, and training* (pp. 11-27). Washington, DC: American Psychological Association.
- Maydeu-Olivares, A. (2004). Thurstone's Case V model: A structural equation modeling perspective. In van Monfort, K, Oud, J. & Satorra, A. (Eds.). *Recent developments on structural equation models* (pp. 41-67). Dordrecht: Kluwer.
- Maydeu-Olivares, A. (2003). On Thurstone's model for paired comparisons and ranking data. In H. Yanai, A. Okada, K. Shigematu, Y. Kano & J.J. Meulman (Eds.). *New Developments in Psychometrics* (pp. 519-526) Tokyo: Springer.

#### *Selected journal articles*

1. Suso-Ribera, C., Camacho-Guerrero, L., McCracken, L. M., Maydeu-Olivares, A., & Gallardo-Pujol, D. (2014). Social problem solving in chronic pain: An integrative model of coping predicts mental health in chronic pain patients. *Journal of Health Psychology*,
2. Maydeu-Olivares, A. & Liu, Y. (2015). Item diagnostics in multivariate discrete data. *Psychological Methods*, 20, 276-292.
3. Steenkamp, JBEM & Maydeu-Olivares, A. (2015). On the temporal stability of consumer dispositions: evidence from a twelve-year longitudinal study, 2002-2013. *Journal of Marketing Research*, 52, 287-308.
4. Maydeu-Olivares, A. & Joe, H. (2014). Assessing approximate fit in categorical data analysis. *Multivariate Behavioral Research*, 49, 305-328.
5. Liu, Y. & Maydeu-Olivares, A. (2014). Identifying the source of misfit in item response theory models. *Multivariate Behavioral Research*, 49, 354-371.
6. Maydeu-Olivares, A. (2013). Why should we assess the goodness-of-fit of IRT models? *Measurement*, 11, 127-137.
7. Maydeu-Olivares, A. (2013). Goodness-of-fit assessment of item response theory models. *Measurement*, 11, 71-101.
8. Olives, E.V., Forero, C.G. Maydeu-Olivares, A., Almansa, J., Palacio, J.A., Valderas, J.M., Ferrer, M., Rajmil, L. & Alonso, J. (2013). Environmental risk and protective factors on adolescents' and youths' mental health. Differences between parent's appraisal and self reports. *Quality of Life Research*, 22, 613-622.
9. Maydeu-Olivares, A. & Brown, G. (2013). Modeling fMRI data: Challenges and opportunities. *Psychometrika*, 78, 240-242.
10. Brown, A. & Maydeu-Olivares, A. (2013). How IRT can solve problems of ipsative data in forced-choice questionnaires. *Psychological Methods*, 18, 36-52.
11. Holtzschlag, C., Morales, C.E., Masuda, A.D., & Maydeu-Olivares, A. (2013). Complementary person-culture fit and career advancement: Matching individual and cultural values to predict hierarchical status. *Journal of Vocational Behavior*, 82, 144-153.
12. Gallardo-Pujol, D., Andrés-Pueyo, A. & Maydeu-Olivares, A. (2013). MAOA genotype, social exclusion and aggression: An experimental test of a gene-environment interaction. *Genes, Brain and Behavior*, 12, 140-145

13. Maydeu-Olivares, A. & Montaña, R. (2013). How should we assess the fit of Rasch-type models? Approximating the power of goodness-of-fit statistics in categorical data analysis. *Psychometrika*, 78, 116-133.
14. Liu, Y. & Maydeu-Olivares, A. (2012). Local dependence diagnostics in IRT modeling of binary data. *Educational and Psychological Measurement*, 73, 254–274.
15. Brown, A. & Maydeu-Olivares, A. (2012). Fitting a Thurstonian IRT model to forced-choice data using Mplus. *Behavior Research Methods*, 44, 1135–1147.
16. Maydeu-Olivares, A., Cai, L., & Hernández, A. (2011). Comparing the fit of IRT and factor analysis models. *Structural Equation Modeling*, 18, 333–356.
17. Reise, S.P., Moore, T.M. & Maydeu-Olivares, A. (2011). Target rotations and assessing the impact of model violations on the parameters of unidimensional Item Response Theory models. *Educational and Psychological Measurement*, 71, 684-711.
18. Brown, A. & Maydeu-Olivares, A. (2011). Item response modeling of forced-choice questionnaires. *Educational and Psychological Measurement*, 71, 460-502.
19. D'Zurilla, T.J., Maydeu-Olivares, A., & Gallardo-Pujol, D. (2011). Predicting social problem solving using personality traits. *Personality and Individual Differences*, 50, 142-147.
20. Brown, A. & Maydeu-Olivares, A. (2010). Issues not to be overlooked in the dominance vs. ideal point controversy. *Industrial and Organizational Psychology*, 3, 489-493.
21. Maydeu-Olivares, A. & Brown, A. (2010). Item response modeling of paired comparisons and ranking data. *Multivariate Behavioral Research*, 45, 935-974.
22. Joe, H. & Maydeu-Olivares, A. (2010). A general family of limited information goodness-of-fit statistics for multinomial data. *Psychometrika*, 75, 393-419.
23. Maydeu-Olivares, A., Coffman, D. L., García-Forero, C. & Gallardo-Pujol, D. (2010). Hypothesis testing for coefficient alpha: An SEM approach. *Behavior Research Methods*, 42, 618-625.
24. Forero, C.G., Gallardo-Pujol, D., Maydeu-Olivares, A. & Andrés-Pueyo, A. (2009). A longitudinal model for predicting police performance with personality and behavioral data. *Criminal Justice and Behavior*, 36, 591-606.
25. Forero, C.G. & Maydeu-Olivares, A. (2009). Estimation of IRT graded models for rating data: Limited vs. full information methods. *Psychological Methods*, 14, 275-299.
26. Maydeu-Olivares, A. García-Forero, C., Gallardo-Pujol, D. & Renom, J. (2009). Testing categorized bivariate normality with two-stage polychoric correlation estimates. *Methodology*, 5, 131-136.
27. Maydeu-Olivares, A., Kramp, U., García-Forero, C., Gallardo-Pujol, D., & Coffman, D. L. (2009). The effect of varying the number of response alternatives in rating scales: Experimental evidence from intra-individual effects. *Behavior Research Methods*, 41, 295-308.
28. Forero, C.G., Maydeu-Olivares, A. & Gallardo-Pujol, D. (2009). Factor analysis with ordinal indicators: A Monte Carlo study comparing DWLS and ULS estimation. *Structural Equation Modeling*, 16, 625–641.
29. García-Forero, C., Gallardo-Pujol, D., Maydeu-Olivares, A. & Andrés-Pueyo, A. (2009). Disentangling Impulsiveness, Aggressiveness and Impulsive Aggression: An empirical approach from self-report measures. *Psychiatry Research*, 168, 40-49.
30. Maydeu-Olivares, A. & Böckenholt, U. (2008). Modeling subjective health outcomes: Top 10 reasons to use Thurstone's method. *Medical Care*, 46, 346-348.
31. Justo, R., de Castro, J.O. & Maydeu-Olivares, A. (2008). Indicators of entrepreneurship activity: Some methodological contributions. *International Journal of Entrepreneurship and Small Business*, 6, 604-621.

32. Coffman, D. L., Maydeu-Olivares, A., & Arnau, J. (2008). Asymptotic distribution free interval estimation for an intraclass correlation coefficient with applications to longitudinal data. *Methodology*, 4, 4-9.
33. Bollen, K.A. & Maydeu-Olivares, A. (2007). Polychoric instrumental variable (PIV) estimator for structural equations with categorical variables. *Psychometrika*, 3, 309-326.
34. Maydeu-Olivares, A., Coffman, D. L. & Hartmann, W.M. (2007). Asymptotically distribution free (ADF) interval estimation of coefficient alpha. *Psychological Methods*, 12, 157-176.
35. Gallardo-Pujol, D.; García-Forero, C.; Kramp, U.; Maydeu-Olivares, A. & Andrés-Pueyo, A. (2007). IQ heritability estimation: analyzing genetically-informative data with Structural Equation Models. *Psicothema*, 19, 150-156.
36. Maydeu-Olivares, A. & Hernández, A. (2007). Identification and small sample estimation of Thurstone's unrestricted model for paired comparisons data. *Multivariate Behavioral Research*, 42, 323-347.
37. Maydeu-Olivares, A. & Joe, H. (2006). Limited information goodness-of-fit testing in multidimensional contingency tables. *Psychometrika*, 71, 713-732.
38. Morera, O. F., Maydeu-Olivares, A., Nygren, T. E., White, R. J., Fernandez, N. P., & Skewes, M. C. (2006). Social problem solving predicts decision making styles in a North American Hispanic sample. *Personality and Individual Differences*, 41, 307-317.
39. Maydeu-Olivares, A. & Coffman, D. L. (2006). Random intercept item factor analysis. *Psychological Methods*, 11, 344-362.
40. Maydeu-Olivares, A., Hernández, A. & McDonald, R.P. (2006). A multidimensional ideal point IRT model for binary data. *Multivariate Behavioral Research*, 44, 445-472.
41. Cai, L., Maydeu-Olivares, A., Coffman, D.L., & Thissen, D. (2006). Limited information goodness of fit testing of item response theory models for sparse  $2^n$  tables. *British Journal of Mathematical and Statistical Psychology*, 59, 173-194.
42. Joe, H. & Maydeu-Olivares, A. (2006). On the asymptotic distribution of Pearson's  $X^2$  in cross-validation samples. *Psychometrika*, 71, 587-592.
43. Maydeu-Olivares, A. & Cai, L. (2006). A cautionary note on using  $G^2(\text{dif})$  to assess relative model fit in categorical data analysis. *Multivariate Behavioral Research*. 41, 55-64.
44. Maydeu-Olivares, A. (2006). Limited information estimation and testing of discretized multivariate normal structural models. *Psychometrika*, 71, 57-77.
45. Maydeu-Olivares, A. & Böckenholt, U. (2005). Structural equation modeling of paired comparisons and ranking data. *Psychological Methods*, 10, 285-304.
46. Maydeu-Olivares, A. & Joe, H. (2005). Limited and full information estimation and testing in  $2^n$  contingency tables: A unified framework. *Journal of the American Statistical Association*, 100, 1009-1020.
47. Maydeu-Olivares, A. (2005). Further empirical results on parametric vs. non-parametric IRT modeling of Likert-type personality data. *Multivariate Behavioral Research*, 40, 275-293.
48. Maydeu-Olivares, A. & Lado, N. (2003). Market orientation and economic performance in the European insurance industry: A mediational model. *International Journal of Service Industry Management*, 14, 284-309.
49. Maydeu-Olivares, A. (2002). Limited information estimation and testing of Thurstonian models for preference data. *Mathematical Social Sciences*, 43, 467-483.
50. Maydeu-Olivares, A. (2001). Multidimensional item response theory modeling of binary data: Large sample properties of NOHARM estimates. *Journal of Educational and Behavioral Statistics*, 26, 49-69.

51. Lado, N. & Maydeu-Olivares, A. (2001). Exploring the link between market orientation and innovation in the European and US insurance markets. *International Marketing Review*, 18, 130-144.
52. Maydeu-Olivares, A. (2001). Limited information estimation and testing of Thurstonian models for paired comparison data under multiple judgment sampling. *Psychometrika*, 66, 209-228.
53. Rodríguez-Fornells, A. & Maydeu-Olivares, A. (2000). Impulsive/careless problem solving style as predictor of subsequent academic achievement. *Personality and Individual Differences*, 28, 639-635.
54. Maydeu-Olivares, A., Rodríguez-Fornells, A., Gómez-Benito, J. & D'Zurilla, T.J. (2000). Psychometric Properties of the Spanish Adaptation of the Social Problem-Solving Inventory-Revised (SPSI-R). *Personality and Individual Differences*, 29, 699-708.
55. Lado, N., Maydeu-Olivares, A., & Martinez, M. (1999). The relationship between market orientation and service innovation in the insurance business: A Spanish investigation. *International Journal of Management*, 16, 374-385.
56. Maydeu-Olivares, A. (1999). Thurstonian modeling of ranking data via mean and covariance structure analysis. *Psychometrika*, 64, 325-340.
57. Maydeu-Olivares, A., Morera, O., & D'Zurilla, T.J. (1999). Using graphical methods in assessing measurement invariance in inventory data. *Multivariate Behavioral Research*, 34, 397-420.
58. D'Zurilla, T.J., Maydeu-Olivares, A. & Kant, G. L. (1998). Age and gender differences in social problem solving in college students, middle age, and elderly adults. *Personality and Individual Differences*, 25, 241-252.
59. Lado, N., Maydeu-Olivares, A., & Rivera, J. (1998). Measuring market orientation in several populations: A structural equations model. *European Journal of Marketing*, 32, 23-39.
60. Chang, E.C., Maydeu-Olivares, A., & D'Zurilla, T.J. (1997). Optimism and pessimism as partially independent constructs: Relations to positive and negative affectivity and psychological well-being. *Personality and Individual Differences*, 23, 433-440.
61. Maydeu-Olivares, A. & D'Zurilla, T.J. (1997). The factor structure of the Problem Solving Inventory. *European Journal of Psychological Assessment*, 13, 206-215.
62. Maydeu-Olivares, A., & D'Zurilla, T.J. (1995). A factor analysis of the Social Problem-Solving Inventory using polychoric correlations. *European Journal of Psychological Assessment*, 11, 98-107.
63. Maydeu-Olivares, A., Drasgow, F., & Mead, A. D. (1994). Distinguishing among parametric item response models for polychotomous ordered data. *Applied Psychological Measurement*, 18, 245-256.

### ***Presentations***

#### *Academic conferences*

My work has been presented at over 90 academic conferences such as

- Academy of Management
- American Psychological Association
- Association for Psychological Science
- European Association of Methodology
- European Conference on Personality
- European Marketing Academy

- Marketing Science
- Psychometric Society
- Research in Entrepreneurship and Small Business
- Society of Multivariate Experimental Psychology

*Invited plenary conferences*

- American Psychological Association (Division 5), 2002
- Psychometric Society, 2006, 2012, 2014
- Society Multivariate Experimental Psychology, 2007
- 

*Invited academic presentations*

University of Illinois at Urbana-Champaign (USA, Psychology), Ohio State University (USA, Psychology), Memorial Sloan-Kettering Cancer Center (USA, Statistics), Universidad Carlos III (Spain, Marketing), Universidad de Navarra (Spain, Marketing), Universitat Pompeu Fabra (Spain, Marketing), IE Business School (Spain, Marketing), University of Exeter (UK, Statistics), University of British Columbia (Canada, Statistics), Universidad de Zaragoza (Spain, Marketing), Universitat Politècnica de Catalunya (Spain, Statistics), Erasmus University (Netherlands, Marketing), University of North Carolina at Chapel Hill (USA, Psychology), Kellogg School of Business (USA, Marketing), Virginia Commonwealth University (USA, Psychiatry), Educational Testing Service (USA), University of Notre Dame (USA, Psychology), University of South Carolina (USA, Psychology)

*Chaired academic sessions*

- Psychometric Society: 1993, 1998, 2007, 2008, 2009

*Conference organizer*

- Advances in Psychometrics, 2002 (with John J. McArdle, sponsored by the Society of Multivariate Experimental Psychology)
- International Meeting of the Psychometric Society, 2013, 2014

***Current Professional Societies Membership***

- Psychometric Society
- Society Multivariate Experimental Psychology

***Service***

2013-2014. President. Psychometric Society.

2012-2013. President-Elect. Psychometric Society.

2007-2010. Board of Trustees. Psychometric Society

2005-2009. Member of the state-wide commission (Social and Economic Sciences) granting tenure and full professor accreditations. Catalan Government.

2008- Member of I3 program selection committees (research professorship awards) for Universitat Pompeu Fabra, Universitat de Lleida, Universitat de Girona.

*University of Barcelona*

- 2007-2015. Director. Ph.D. program in Brain, Cognition and Behavior.  
(distinguished with the Excellence Seal by the Spanish Ministry of Education, 2007-2011, 2011-2015)
- 2009-2014. Director. MS program in Behavior and Cognition.

*Editor*

- 2007-. ARCS. Psychometrika

*Editorial Board. Consulting Editor*

- 2006- Multivariate Behavioral Research  
2006- Psicothema  
2006- Testing, Psychometrics, Methodology in Applied Psychology  
2007- Psychometrika  
2007- Psychological Methods  
2007- Structural Equation Modeling  
2011- Journal of Educational and Behavioral Statistics  
2012- Archives of Scientific Psychology

***Ph.D. Advising***

- Pavlov, G. (2015). *Intentional response distortion effects on personality scores in simulated personnel assessment settings: a moderation study*. Human Resources and Organisational Behaviour Dept. IE Business School.
- Suso, C. (2015). *Psychological characteristics in predicting the response to medical treatment of chronic pain patients*. Faculty of Psychology. University of Barcelona.  
**Dissertation Support Award of the Society of Multivariate Experimental Psychology**
- Holtschlag, C. (2014). *The impact of core self-evaluations and goal-setting motivation on career success: A longitudinal study*. Faculty of Psychology. University of Barcelona.  
**Dissertation Support Award of the Society of Multivariate Experimental Psychology**  
*Placement: Vodafone, Germany.*
- Martinez-Gomis, F. (2012). *Resultados cuantitativos y predicción evolutiva en Psicoterapia focal breve*. [Quantitative results and outcome prediction in brief focal psychotherapy]. Faculty of Psychology. University of Barcelona.  
*Placement: Sant Pere Claver Hospital (Spain, Psychiatry).*
- Serra, T. (2011). *Private labels and customer loyalty*. Marketing Dept. IE Business School.  
*Placement: IE Business School (Marketing)*
- Brown, A. (2010). *How item response theory can solve problems of ipsative data in personality assessment*. Faculty of Psychology. University of Barcelona.  
**Dissertation Support Award of the Society of Multivariate Experimental Psychology**  
**Psychometric Society Dissertation Award**  
*Placement: University of Kent (Psychology)*
- Gallardo-Pujol, D. (2009). *Causal pathways from genes to antisocial behavior: exploring gene-environment interactions experimentally*. Faculty of Psychology. University of Barcelona.



***Dissertation Support Award of the Society of Multivariate Experimental Psychology****Placement:* University of Barcelona (Psychology)Montaño, R. (2009). Comparing the  $R_1$  and  $M_2$  statistics for goodness of fit assessment in IRT models. Faculty of Biology. University of Barcelona.***Dissertation Support Award of the Society of Multivariate Experimental Psychology****Placement:* Universidad de Santiago de Chile (Mathematics)

García-Forero, C. (2007). A comparison of IRT and ordinal factor analysis estimators for Likert-type data. Faculty of Psychology. University of Barcelona.

***Dissertation Support Award of the Society of Multivariate Experimental Psychology******University of Barcelona Dissertation Award****Placement:* IMIM (Spain, Public Health).

Kramp, U. (2006). Effect of the number of response alternatives on psychometric properties of personality questionnaires. Faculty of Psychology. University of Barcelona.

***Dissertation Support Award of the Society of Multivariate Experimental Psychology****Placement:* Universidad de Chile (Psychology)

Duque-Zuluaga, L. (2005). Customer satisfaction with public services: Assessment and applications. Faculty of Economics. University of Barcelona.

***University of Barcelona Dissertation Award*<sup>1</sup>***Placement:* Universidad Carlos III de Madrid (Marketing)***Teaching Experience****At University of Illinois*

<i>Dept.</i>	<i>Program</i>	<i>Course</i>	<i>Term</i>
Psychology	M.S.	Test Development and Test Construction	Spring 1990,1991,1993; Fall 1993
Psychology	B.S.	Introductory Statistics	Fall 1990
Psychology	Ph.D.	Analysis of Covariance Structures and Factor Analysis	Spring 1994
Psychology	Ph.D.	Multidimensional Scaling	Spring 1994
Psychology	Ph.D.	Decision Theory	Spring 1994
Psychology	Ph.D.	Multivariate Analysis	Fall 1994

*At Universidad Carlos III*

<i>Dept.</i>	<i>Program</i>	<i>Course</i>	<i>Term</i>
Economics	B.S.	Introductory Statistics	Spring 1995
Statistics	B.S.	Experimental Design	Spring 1995
Economics	B.S.	Introduction to Mathematical Statistics	Fall 1995, 1996
Bus. Administ.	B.S.	Introductory Statistics	Spring 1996, 1997
Labor Relations	B.S.	Statistics and Social Research Methods	Spring 1997
Marketing	MBA	Marketing Research	Spring 1998-2000

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<sup>1</sup> Annual best campus-wide dissertation award.

*At University of Barcelona*

<i>Dept.</i>	<i>Program</i>	<i>Course</i>	<i>Term</i>
Psychology	B.S.	Individual Differences	Spring 1998,1999, 2010, 2011, 2013-15; Fall 2009
Psychology	B.S.	Psychological Assessment	Spring 2000
Psychology	B.S.	Personality	Spring 2000, 2001; Fall 2006
Psychology	Ph.D.	Multivariate Analysis and Structural Equation Models	Spring 2000-2011; 2014-2015
Psychology	Ph.D.	Regression Analysis and the General Linear Model	Fall 2009-2010, 2012-2014

*At IE Business School*

<i>Program</i>	<i>Course</i>	<i>Term</i>
MBA	Marketing Research	Fall 2002, Spring 2003
MBA	Marketing I	Fall 2002, Spring 2003
M.S. Marketing	Marketing Research	Fall 2002, Spring 2003
Ph.D.	Quantitative Methods I <sup>2</sup>	Fall 2004-2011
Ph.D.	Quantitative Methods II <sup>3</sup>	Spring 2005-2012
Ph.D.	Quantitative Methods III <sup>4</sup>	Spring 2008, 2011
DBA	Quantitative Methods I	Fall 2006-2010
DBA	Quantitative Methods II	Spring 2007

*At University of South Carolina*

<i>Dept.</i>	<i>Program</i>	<i>Course</i>	<i>Term</i>
Psychology	Ph.D.	Structural Equation Models	Fall 2015
Psychology	Ph.D.	Regression Analysis	Fall 2015

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<sup>2</sup> Introduction to mathematical statistics and the general linear model

<sup>3</sup> Generalized linear model, classical multivariate statistics and structural equation modeling

<sup>4</sup> Analysis of panel data and multilevel modeling