

Curriculum Vitae

Çağaçan Değer, PhD

Address: Ege Üniversitesi, İktisadi ve İdari Bilimler Fakültesi
İktisat Bölümü, 35100 Bornova, İzmir, TURKEY
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Areas of Interest (JEL codes)

H55: Social security and public pensions
J26: Retirement, Retirement policies
J11: Demographic trends, macroeconomic effects and forecasts
J14: Economics of the elderly
D58: Computable and other applied general equilibrium models
C63: Computational techniques, Simulation modeling
C68: Computable general equilibrium models
D15: Intertemporal household choice, Life cycle models and saving
D57: Input-output tables and analysis
C67: Input-output models
E16: Social accounting matrix
Q43: Energy and the macroeconomy
Q52: Pollution control adoption and costs

Education

- PhD (Economics), Middle East Technical University, Faculty of Economics and Administrative Sciences, Department of Economics, July 2011.
Title: An Overlapping Generations Analysis of Social Security Reform in Turkey
Advisor: Assoc.Prof. Dr. Ebru Voyvoda
- MSc (Economics), Ege University, Faculty of Economics and Administrative Sciences, Department of Economics, August 2004.
Title: Türkiye-Avrupa Birliği Ticareti Üzerinde Uluslararası Politik Gerilimlerin Etkileri (Effects of Political Tensions on Turkey-EU Trade)
Advisor: Prof. Dr. Osman Aydoğuş
- BSc (Economics), Middle East Technical University, Faculty of Economics and Administrative Sciences, Department of Economics, June 2001.

Academic Positions

- Assistant Professor, November 2011 – (ongoing)
Ege University, Faculty of Economics and Administrative Sciences, Department of Economics.
- Research Assistant, February 2005 - November 2011

Middle East Technical University, Faculty of Economics and Administrative Sciences,
Department of Economics

- Research Assistant, January 2002 - February 2005
Ege University, Faculty of Economics and Administrative Sciences, Department of Economics.

Administrative Positions

- Ege Strategic Research Center, Member of the Board of Directors, November 2016 – September 2017; Vice Director, March 2018 – January 2019.
- Department Vice Chair, Department of Economics, Ege University September 2012 – October 2014.

Other Professional Activities and Memberships

- January 2022 – (ongoing), Türkiye Ekonomi Kurumu (Turkish Economic Association), Member,
- April 2017 – (ongoing), World Journal of Applied Economics, Associate Editor.
- February 2016 – September 2017, Ege Strategic Research Journal, Economics Editor.
- Member of the Commission on the Sustainability of the Social Security System for the 10th Development Plan (2014-2018) of the Ministry of Development, Republic of Turkey. 2012.
- Member of the Commission on the Sustainability of the Social Security System for the 11th Development Plan (2019-2023) of the Ministry of Development, Republic of Turkey. 2017.

Books and Book Chapters

- Değer, Çağaçan and Çağan, Semih (2021). Pensions and Elderly Poverty in Turkey. in Chybalski, Filip and Marcinkiewicz, Edyta. (eds) Pensions Today: Economic, Managerial and Social Issues. Lodz University of Technology Press. Lodz, Poland. <https://doi.org/10.34658/9788366287938>
- Değer, Çağaçan. (2019). Labour Force Participation of Disabled Individuals. In Abdullah Şenka and Doğa Başar Sarıipek (Eds.) Employment and Social Protection of Adults with Disability: Selected Papers. (pp. 137-144). Frontpage Publications Ltd. London.
- Değer, Çağaçan. (2019). Teknolojik Dönüşüm ve Sosyal Politikalar. (Technological Transformation and Social Policies) in Türkcan, Burcu and Akseki, Utku (eds) Endüstri 4.0 ve Türkiye Ekonomisi. (pp. 273-296) Orion: Ankara.
- Değer, Çağaçan, Mehmet Güçlü, Özge Filiz Yağcıbaşı and Neşe Kumral. (2017). Culture Economy in Europe: Analysis of Selected Countries. In Andreas Pyka, Yeşim Kuştepelı and

Dominik Hartmann (Eds.), *International Innovation Networks and Knowledge Migration: The German-Turkish Nexus*. Routledge.

- Alper, Yusuf, Çağaçan Değer ve Serdar Sayan. (2012). *2050'ye Doğru Nüfusbilim ve Yönetim: Sosyal Güvenlik (Emeklilik) Sistemine Bakış*. TÜSİAD Yayın No TUSİAD-T/20120-11/535.
 - Demography and Management Towards 2050: Repercussions on Social Security (Retirement) System.

Publications in Journals

- Değer, Çağaçan. (2022). Funded pensions and ageing: An empirical investigation. *Sosyoekonomi*. 30(53): 119-136. <https://doi.org/10.17233/sosyoekonomi.2022.03.06>
- Değer, Çağaçan and Elif Erer. (2020). Social security membership and saving: The Turkish case. *Sosyoekonomi*. 28(43): 254-275. DOI: 10.17233/sosyoekonomi.2020.01.15
- Değer, Çağaçan, (2019), Does the 2008 reform contribute to sustainability? *Sosyal Güvence Dergisi (Journal of Social Insurance)*. 15: 1-26. DOI: 10.21441/sosyalgüvence.597549
- Alkan, Ayla, Ayla Oğuş Binatlı and Çağaçan Değer. (2018). Achieving Turkey's INDC target: Assessments of NCCAP and INDC documents and proposing conceivable policies. *Sustainability*. 10(6). DOI: 10.3390/su10061722
- Aydoğuş, Osman, Çağaçan Değer, Elif Tunalı Çalışkan and Gülçin Gürel Günel (2018). An input-output model of exchange rate pass-through. *Economic Systems Research*. 30(3): 323-336. DOI: 10.1080/09535314.2017.1374243.
- Değer, Çağaçan, Elif Tunalı Çalışkan, and Osman Aydoğuş. (2016). Population displacement effect of refugees in Turkey: An input-output model based analysis. *TISK Akademi*. 11(22): 239-249.
- Aydoğuş, Osman, Çağaçan Değer, Elif Tunalı Çalışkan and Gülçin G. Günel. (2015). Regional input-output analysis of a mega-event: Possible impact of EXPO on Izmir economy. *Anadolu University Journal of Social Sciences*. 15(2): 75-84. DOI: 10.18037/ausbd.62788
- Aydoğuş, Osman, Çağaçan Değer, Elif Tunalı Çalışkan and Gülçin G. Günel. (2015). An application of the hybrid approach to constructing regional input-output tables: Case of Izmir, Turkey. *İktisat, İşletme ve Finans*. 30(348): 9-34.
- Değer, Çağaçan (2014). "A note on the shifts in Turkey's international trade pattern," *ESAM Journal*, 5(2): 9-41. DOI: 10.18354/esam.09650
- Değer, Çağaçan (2011). "Pension Reform in an OLG Model with Multiple Social Security Systems", *Ege Academic Review*. 11(4): 563-572.
- Değer, Çağaçan (2011). "Sectoral Employment and Labor Costs: Elasticity Evidence on Turkey",

ESAM Journal, 2(2): 19-33. DOI: 10.18354/esam.81742

- Değer, Çağaçan, Burcu Türkcan and Neşe Kumral. (2009). “Competitive Industrial Performance Index and Its Drivers: A Comparative Analysis on Turkey and Selected Countries”, *Ege Academic Review*, 9(4): 1375-1398.
- Kumral, Neşe and Çağaçan Değer. (2004). “High Point Industries of the Aegean Region of Turkey”, *Ege Academic Review*, 4(1-2): 15-31.

Honors and Awards

- 2012, Academic Incentive Award, Central Bank of the Republic of Turkey, III. Contest for the Evaluation of Academic Studies.
- 2011, Doctorate Incentive Award, Turkey Economics Association.

Presentations (Selected)

- Değer, Çağaçan. (2022). Public PAYG Social Security in Turkey: What has Changed?. EconAnadolu2022: 6th International Conference on Economics. 13-15 May 2022. Eskişehir, Turkey. Address: https://econanadolu.com/EconAnadolu2022_Abstracts_Book.pdf Full Text: https://econanadolu.com/papers/Deger_Public_F.pdf
- Değer, Çağaçan and Elif Erer. (2019). Social Transfers and Female Labour Force Participation. 26th International Research Seminar on Issues in Social Security. 10-12 June 2019. Sigtuna, Sweden.
- Değer, Ç. (2019). Zorunlu bireysel emeklilik ve tasarruf. 20. Çalışma Ekonomisi ve Endüstri İlişkileri Kongresi: Sosyal politikada güncel tartışmalar. 11-13 Ekim 2019. Pamukkale, Denizli.
- Değer, Çağaçan. (2019). Individual Pensions in Turkey: Expectations vs Realizations. C-iasoS 2019, 3rd Congress of International Applied Social Sciences. 4-6 April 2019. İzmir, Turkey. Address: <https://tinyurl.com/y5xltxzc>
- Değer, Çağaçan and Elif Erer. (2018). Measuring Poverty: Does Social Security Coverage Matter? Fiscaeconomica International Congress on Social Sciences Proceeding Book. FSECON. 14 September 2018. Ankara Turkey. Address: <https://tinyurl.com/y4b5lk4o>
- Değer, Çağaçan. (2018). Making Sense of CES Constraints in Nested Optimization Problems in General Equilibrium Models: Is A Linear Constraint Necessary? International Congress on Economics and Administrative Sciences: IZCEAS 2018 - New Trends in Economics and Administrative Sciences. 5-8 December 2018. İzmir, Turkey. Address: <http://tiny.cc/kzh8az>
- Değer, Çağaçan. (2018). Reallocating Contributions Between Employers and Employees: Analysis Through an OLG Model. 25th International Research Seminar on Issues in Social

Security. 4-6 June 2018. Sigtuna, Sweden.

- Değer, Çağaçan. (2017). Financing Social Security: A CGE Comparison of Contributions vs Tax Base. 24th International Research Seminar on Issues in Social Security. 5-7 June 2017. Sigtuna, Sweden.
- Değer, Çağaçan. (2016). Endogenous Labor Supply to Different Purposes in Dynamic General Equilibrium Models. 11th Annual International Symposium on Economic Theory, Policy and Applications. 18-21 July 2016, Athens, Greece.
- Alkan, Ayla, Ayla Oğuş Binatlı and Çağaçan Değer. (2016). Türkiye'de Sera Gazı Azaltımı için Bir Çevresel Genişletilmiş Sosyal Hesaplar Matrisi Önerimi ve Çarpanlar Yöntemi ile Analizi. Yöneylem Araştırması ve Endüstri Mühendisleri 36. Ulusal Kongresi: Tarım ve Gıda Zincirlerinde YAEM. 13-15 Temmuz 2016, İzmir. (An Environmentally Extended Social Accounting Matrix for the Reduction of Green House Gasses in Turkey and A Multiplier Analysis).
- Değer, Çağaçan, Mehmet Güçlü, Neşe Kumral and Özge F. Yağcıbaşı. (2014). Avrupa Birliği ve Türkiye'de Kültür Ekonomisi Analizi. 14. Bölge Bilimi ve Planlama Kongresi, 18-19 Aralık 2014, İstanbul. (Analysis of Culture Economies in the European Union and Turkey).
- Aydoğuş, Osman, Çağaçan Değer, Elif Tunalı Çalışkan and Gülçin G. Günel. (2014). An Application of the Hybrid Approach to Constructing Regional I-O Tables: Case of Izmir. 22nd International Input-Output Conference, 14-18 June 2014, Lisbon, Portugal.
- Değer, Çağaçan and Esra Ulasan. (2014). Impact of Arab Spring on International Trade: A Gravity Analysis. EURO-MED, Broader Middle East and North Africa (BMENA) Society, Politics, Economics, Security and International Relations after the Arab Spring. 15-17 May 2014. Rhodes, Greece.
- Aydoğuş, Osman, Çağaçan Değer, Elif Tunalı Çalışkan and Gülçin G. Günel. (2013). EXPO2020'nin Türkiye Ekonomisine Etkisi: Bir Bölgesel Girdi-Çıktı Analizi, 5. İzmir İktisat Kongresi. 30 October - 1 November 2013, İzmir, Turkey. (Impact of EXPO2020 on İzmir Economy: A Regional Input-Output Analysis).
- Değer, Çağaçan. (2012). Social Security Reform in an OLG Model with Heterogeneous Consumers, Spring Meeting of Young Economists, 26-28 April 2012, Mannheim, Germany.
- Değer, Çağaçan; Neşe Kumral and Burcu Uğuş. (2006). Avrupa Birliği ve Türkiye'de Rekabet Gücü, Verimlilik ve Büyüme. Türkiye Ekonomi Kurumu Uluslararası Ekonomi Konferansı. 11-13 September 2006, Ankara. (Competitive Power, Productivity and Growth in EU and Turkey)
- Kumral, Neşe and Çağaçan Değer. (2005). Sanayi Rekabet Performansı Endeksi: Türkiye NUTS1 Bölgeleri Örneği. Türkiye Ekonomi Kurumu Bölgesel Gelişme Stratejileri ve Akdeniz Ekonomisi (Editör: Haluk Erhat). 11-12 Ekim 2004, Isparta. (Industrial Competitiveness Performance Index: Case of Turkey NUTS1 Regions. The full text of the presentation has been published in the proceedings book.)

- Saygılı, Fatih; Fuat Erdal and Çağaçan Değer. (2005). Returns to Scale and Export Performance: An Application on Turkish Manufacturing Industry. First International Conference on Business, Management and Economics: Turkish Economy in a Changing World (Editör: Coşkun Can Aktan). 16-19 June 2005, Çeşme, İzmir. (The full text of the presentation has been published in the proceedings book.)
- Değer, Çağaçan. (2003). “The Possible Trade Effects of the Third Enlargement: The Case of Turkish Exports to EU,” European Trade Study Group ETSG2003, 11-13 September 2003, Madrid. (Full text proceeding not available).
- Kumral, Neşe ve Çağaçan Değer. (2002). Plant Closure and the Path Dependent Learning Process. ERC/METU International Conference in Economics. 11-14 September 2002, Ankara. (Full text proceeding not available).

Participated Research Projects

- Researcher, The Scientific and Technological Research Council of Turkey, “Türkiye’de Erken Çocukluk Gelişimini Belirleyen Faktörler ve Erken Çocukluk Gelişimine Yatırım”, Project No 221K085, 1001- ARDEB, SOBAG - Sosyal Ve Beşeri Bilimler Araştırma Destek Grubu. Project Manager: Prof Dr Şirin Saracoğlu. (15/04/2022 – 15/04/2024). (Determinants of Early Childhood Development in Turkey and Investment in Early Childhood Development).
- Researcher, The Scientific and Technological Research Council of Turkey, “Ülkemizde ve Dünyada Halk Sağlığını En Fazla Tehdit Eden HPV ve İnfluenza Kaynaklı Enfeksiyonlara Karşı Tanı Kitleri, İlaç Formülasyonları ve Aşı Geliştirilmesi”, Project No 20AG005, 1004-Mükemmeliyet Merkezi Destek Programı. Project Manager: Prof Dr Şenay Şanlıer. (15/05/2021-15/05/2025). (Development of Diagnostic Kits, Medicines and Vaccines Against HPV and İnfluenza Caused Infections).
- Researcher, The Scientific and Technological Research Council of Turkey, “COVID-19 Pandemisinden Kaynaklanan Dış ve İç Ekonomik Gelişmelerin Türkiye Üzerindeki Olumsuz Etkilerinin Tahmini: Bu Etkilerin Giderilmesi için Alternatif Politika Paketlerinin Önerilmesi”, Project No: 120K548, Project Manager: Prof. Dr. Selim Çağatay. (06/2020 – 12/2020). (Evaluation of Adverse Impacts of the Adverse Domestic and Foreign Economic Developments due to COVID-19 Pandemic on Turkey: Alternative Policy Proposals).
- Researcher, İzmir Regional Development Agency, “COVID-19 Salgını ve İzmir Ekonomisi: İzmir Bölgesel Girdi-Çıktı Modeliyle Bir Etki Analizi”, Project Manager: Prof. Dr. Osman Aydoğuş. (06/2020 - 02/2021). (COVID-19 Pandey and İzmir Economy: An Impact Analysis through the İzmir Regional Input-Output Model).
- Researcher, İzmir Regional Development Agency, “İzmir Bölgesi Girdi-Çıktı Tablosu ve Modeli”, Project Manager: Prof. Dr. Osman Aydoğuş. (2012). (İzmir Region Input-Output Table and Model)
- Researcher, Turkey Science and Technological Research Council, “Kamu Maliyesi

Politikalarının Nesillerarası Refah Perspektifinden Değerlendirilmesi: Türkiye Ekonomisi İçin Bir Dinamik Genel Denge Modeli Çalışması” TÜBİTAK Proje No: 109K320, Project Manager: Assoc. Prof. Dr. Ebru Voyvoda. (2010). (Evaluation of Public Policies from the Perspective of Intergenerational Welfare: A Dynamic General Equilibrium Model Exercise for Turkey)

- Researcher, Turkey Science and Technological Research Council, “Türkiye Ekonomisi'nde İstikrar Politikalarının Analizi için Bir Makroekonomik Genel Denge Modeli” TÜBİTAK Proje No: 105K008, Project Manager: Prof. Dr. Erinç Yeldan. (2007). (A Macroeconomic General Equilibrium Model for the Analysis of Stability Policies in Turkish Economy)
- Researcher, Ege University Project, “Avrupa Birliği Türkiye Ticaretinin Yerçekimi Denklemine İncelenmesi”, Project Manager: Prof. Dr. Osman Aydoğuş. (2003). (Examination of Turkey – EU Trade Through the Gravity Equation)

Thesis Supervision

- Akad, İpek (2019). AR-GE Desteklerinin Etkinliği: Bir Dinamik Genel Denge Analizi. (Efficiency of R&D Incentives: A General Equilibrium Analysis) PhD. Institute of Social Sciences, Ege University, Turkey. (Advisor)
- Erer, Elif (2018). Optimal Kamu Borç Yönetimi: Mikro ve Makro Yaklaşım. (Optimal Public Debt Management: Micro and Macro Approaches). PhD. Institute of Social Sciences, Ege University, Turkey. (Advisor)
- Alkan, Ayla (2018). Achieving Turkey's INDC Target: Assessments by Multiplier Analysis, Computable General Equilibrium, and Structural Decomposition Analysis Methods. PhD. Institute of Social Sciences, Izmir Economics University, Turkey. (Co-advisor)

Teaching

- Social Policy and Economics (Undergraduate and graduate elective course.)
- Microeconomic Analysis (A standardized second year undergraduate microeconomics course.)
- Advanced Macroeconomic Analysis (PhD level macroeconomics course.)

Language

- Turkish (Native)
- English
- German

Software Skills

Stated from Level 1 (Fundamental Skills) to Level 5 (Proficient Computing, Applications, and

Programming).

- MS Office Suite (Excel, Level 4; Word, Level 4)
- LaTeX (Level 4, via MiKTeX, Texstudio, Kile)
- STATA (Level 4)
- R (Level 3, via Rstudio)
- gretl, the Gnu Regression, Econometrics and Time-series Library (Level 2)
- MATLAB (Level 5)
- Octave (Level 5)
- GAMS (Level 5)
- Dynare (Level 4)