

Pınar Tat

Education

- 2017 - 2022 **Ph.D.**, Department of Economics, Gebze Technical University, Kocaeli, Turkey
Advisor: Prof. Dr. Halit Yanıkkaya. Dissertation: Essays on Sectoral Trade Policies. CGPA: 3.9/4.0
- 2015 - 2017 **M.Sc.**, Department of Economics, Middle East Technical University, Ankara, Turkey
Advisor: Prof. Dr. Meltem Dayıođlu Tayfur. Dissertation: The Effects of Paternal Loss on Child's Educational Life and Intergenerational Transmission of Education for Girls. CGPA: 3.5/4.0
- 2009 - 2014 **B.Sc.**, Department of Economics, Middle East Technical University, Ankara, Turkey
CGPA: 3.7/4.0
- 2005 - 2009 **High School**, Seyhan ÇEAŞ Anatolian High School, Adana, Turkey
Diploma Grade: 90.5/100

Employment

- Dec. 2023 - present Assistant Professor, Department of Economics, Gebze Technical University, Kocaeli, Turkey.
- Sep. 2022 - Sep. 2023 Visiting Post-Doctoral Researcher, Department of Economics, Université Catholique de Louvain, Louvain-la-Neuve, Belgium.
- Dec. 2016 - Dec. 2023 Research Assistant, Department of Economics, Gebze Technical University, Kocaeli, Turkey.
- Nov. 2016 - Nov. 2015 Research Assistant, Department of Economics, Middle East Technical University, Ankara, Turkey.

Administrative Duties

- Dec. 2023 - present Co-Head of Department, Department of Economics, Gebze Technical University, Kocaeli, Turkey.

Fields of Interest

International Trade, Global Value Chains (GVCs), Trade Policies, Input-Output Life-Cycle Assessment, Labor Economics, Education Economics

Publications

Book Chapter

- 2025 "Foreign Direct Investment and Greenhouse Gas Emissions: A Study on Developed and Developing Countries" (with H. Yanıkkaya and A. Altun), in Sustainable Economy and Finance in the Age of Global Transformation: Governance, Policies, and Technologies, (ed. Assoc. Prof. Dr. C. Korkut and Prof. Dr. M. Bulut), (pp. 291-312), TÜBA (Turkish Academy of Sciences), Ankara, 2025. DOI: 10.53478/TUBA.978-625-6110-54-0.

- 2024 "Can Global Value Chain Participation Mitigate Conflict Between Nations in the Global Transformation Age?" (with H. Yanikkaya), in *Global Transformations and Türkiye*, (ed. Prof. Dr. Ahmet Nuri Yurdusev and Assist. Prof. Dr. Mürsel Doğrul), (pp. 601-618), TÜBA (Turkish Academy of Sciences), Ankara. DOI: 10.53478/TUBA.978-625-6110-04-5.ch34.
- 2022 "The Role of Global Value Chains in Circular Economy" (with H. Yanikkaya and A. Altun), in *Circular Economy and Sustainable Living*, (ed. M. Bulut and C. Korkut), (pp. 45-100), TÜBA (Turkish Academy of Sciences), Ankara. DOI: 10.53478/TUBA.978-605-2249-97-0.ch03.

Journal Articles

- 2026 "Do Non-Tariff Measures Contract the Length of Global Value Chains?", *Global Economic Review: Perspectives on East Asian Economies and Industries*, 55(1), 1-19. DOI: 10.1080/1226508X.2026.2636464.
- 2026 "Are Tariffs Always Bad for Growth? Evidence from Cross-Sectoral Analysis" (with H. Yanikkaya and A. Altun), *Economic Change and Restructuring*, 59(1), 19. DOI: 10.1007/s10644-026-09966-8.
- 2025 "The Determinants of Greenhouse Gas Emissions Intensity in Global Value Chains" (with H. Yanikkaya and A. Altun), *International Economic Journal*, 39(2), 241-263. DOI: 10.1080/10168737.2025.2455738.
- 2025 "The Role of Covid-19 Policy Responses on GVC Participation: The Turkish Experience" (with H. Yanikkaya and A. Altun), *Journal of Economic Studies*, 52(1), 104-118. DOI: 10.1108/JES-06-2023-0324.
- 2024 "The Impact of the COVID-19 Pandemic on Overweight and Obesity" (with D. Karaoğlan-Yurtseven and N. Beğen), *Discover Public Health*, 21(182), 1-11. DOI: 10.1186/s12982-024-00297-5.
- 2024 "Determinants of Labor Productivity of Turkish Manufacturing Sectors: The Role of Global Value Chain Participation" (with H. Yanikkaya and A. Altun), *Journal of Productivity*, 58(2), 155-170.
- 2024 "The Impacts of Openness and Global Value Chains on the Performance of Turkish Sectors" (with H. Yanikkaya and A. Altun), *Panoeconomicus*, 71(2), 265-293. DOI: 10.2298/PAN201011010Y.
- 2024 "Do Lower Tariff Rates Promote Global Value Chain Participation?" (with H. Yanikkaya and A. Altun), *World Trade Review*, 23(1), 1-19. DOI: 10.1017/S1474745623000289.
- 2023 "NEET Status and Mental Health Disorders: Evidence from a Developing Country" (with D. Karaoğlan-Yurtseven and N. Beğen), *World Journal of Applied Economics*, 9(2), 163-180. DOI: 10.22440/wjae.9.2.4.
- 2023 "The Effect of Educational Mismatch on The Turkish Manufacturing Industry" (with H. Yanikkaya), *International Journal of Education Economics and Development*, 14(4). DOI: 10.1504/IJEED.2023.134192.
- 2023 "The Early Impacts of Covid-19 on Production through Trade Shocks in Türkiye: An Analysis of International Production Chains" (with H. Yanikkaya and A. Altun), *International Review of Economics and Management*, 11(1), 17-34. DOI: 10.18825/iremjournal.1244146.
- 2023 "Once Again 'Smile Curve': Is Chain Upgrading Possible?" (with H. Yanikkaya and A. Altun), *Review of Development Economics*, 27(1), 62-88. DOI: 10.1111/rode.12927.
- 2022 "Mental Health Problems and Risky Health Behaviors among Young Individuals in Turkey: The Case of Being NEET" (with D. Karaoğlan-Yurtseven and N. Beğen), *The Journal of Mental Health Policy and Economics*, 25(3), 105-117.
- 2022 "Does the Complexity of GVC Participation Matter for Productivity and Output Growth?" (with H. Yanikkaya and A. Altun), *European Journal of Development Research*, 34(4), 2038-2068. DOI: 10.1057/s41287-021-00452-7.
- 2021 "Without a Father and Education: The Effect of Paternal Loss on the Schooling Outcomes of Children in Turkey" (with M. Dayioğlu Tayfur), *Efil Journal*, 4(4), 83-106.

- 2019 “Openness and Deindustrialization: A Turkish Case” (with H. Yanıkkaya and A. Altun), *Bogaziçi Journal: Review of Social, Economic and Administrative Studies*, 33(2), 140-164. DOI: 10.21773/boun.33.2.4.

Other Publications

“How Does Foreign Direct Investment Affect Emission Intensity Embedded in Trade?” (with H. Yanıkkaya and A. Altun), under review.

“Foreign Direct Investment and Greenhouse Gas Emissions: A Study on Developed and Developing Countries” (with H. Yanıkkaya and A. Altun), under review.

“The Missing Link: Recognizing the Role of FDI-Related GVC Participation in Economic Growth” (with H. Yanıkkaya and A. Altun), under review.

“The MENA Trade and Regional Conflicts: Causal Evidence from a Disaggregated Analysis” (with H. Yanıkkaya), under review.

“Do Non-Tariff Measures Contract the Length of Global Value Chains?”, under review.

“Role of Inter- and Intra-Industry GVC Participation in Sectoral Growth” (with H. Yanıkkaya and A. Altun), under review.

“The Past and the Future Trade Patterns of the MENA Region: The Pursuit of Growth” (with H. Yanıkkaya and A. Altun), under review.

“MENA Trade Patterns and the Pursuit of Growth” (with H. Yanıkkaya and A. Altun), *ERF Policy Portal*, October 31, 2023. Link.

“Trade Openness and Global Value Chains: Effects on Turkish Industries” (with H. Yanıkkaya and A. Altun), *ERF Policy Portal*, March 9, 2021. Link.

Projects

- May 2025 - The Relationship Between Trade and Unemployment: Evidence from Türkiye. Director: Burak Meriç Akçay. TUBITAK-2209-A University Students Research Projects Support Program, (Advisor).
May 2026
- June 2024 - The Impact of Foreign Direct Investment on Emissions in the Context of Environmental Policies: An Analysis in the Framework of Global Value Chains. Director: Prof. Dr. Halit Yanıkkaya. Gebze Technical University, Research University Support Program, Project Code: 2024-A-113-17, (Researcher).
June 2026
- Sep. 2022 - Trade in Production Factors and Trade Policies (with G. Vannoorenberghe). The Scientific and Sep. 2023 Technological Research Council of Turkey (TUBITAK), 2219-International Postdoctoral Research Fellowship.
- Sep. 2020 - The Effects of Production and Global Value Chain Lengths on Sectoral Performance of Industries. Apr. 2022 Director: Prof. Dr. Halit Yanıkkaya. Co-director: Assist. Prof. Dr. Abdullah Altun. Gebze Technical University, Scientific Research Project, Project Code: 2020-A-102-22, (Researcher).
- Oct. 2020 - Risky Health Behaviours and Mental Health Status of Youth: A Review for Youth in Neither Oct. 2021 Education nor Employment. Director: Assoc. Prof. Dr. Hanife Deniz Karaoğlan. TUBITAK (The Scientific and Technological Research Council of Turkey), Project Code: 120K787, (Researcher).

Conferences & Seminars

- 2025 “Carbon Emissions and Global Value Chains: Evidence from CBAM Sectors” (with H. Yanıkkaya and A. Altun), *The 32nd Conference on Economics - ICE-TEA2025*, November 13-15, Famagusta, Turkish Republic of Northern Cyprus.
- 2025 “The Missing Link: Recognizing the Role of FDI-Related GVC Participation in Economic Growth” (with H. Yanıkkaya and A. Altun), *The 8th International Conference on Entrepreneurship for Sustainability & Impact*, November 8-12, Doha, Qatar.

- 2025 “Impact of Foreign Direct Investment on Emission Intensity Embedded in Trade” (with H. Yanikkaya and A. Altun), *The 45th MEEA/ASSA Annual Conference*, January 7, San Francisco, USA (Online).
- 2024 “Impact of Foreign Direct Investment on Emission Intensity Embedded in Trade” (with H. Yanikkaya and A. Altun), *International Association for Energy Economics, 3rd IAEE MENA Conference*, December 8-9, Riyadh, Saudi Arabia.
- 2024 “Impact of Foreign Direct Investment on Emission Intensity Embedded in Trade” (with H. Yanikkaya and A. Altun), *Turkish Science Academy (TÜBA), Sustainable Economy and the Future of Finance: Global Challenges and Opportunities Symposium*, November 29, Ankara, Türkiye.
- 2024 “Role of Inter- and Intra-Industry GVC Participation in Sectoral Growth” (with H. Yanikkaya and A. Altun), *Turkish Science Academy (TÜBA), Türkiye Economy Symposium*, November 8, Bursa, Türkiye.
- 2024 “Can Global Value Chain Participation Mitigate Conflict Between Nations?” (with H. Yanikkaya), *The 7th International Genç Economistler Congress*, May 19. [Link](#).
- 2024 “The MENA Trade and Regional Conflicts: Causal Evidence from a Disaggregated Analysis” (with H. Yanikkaya), *Economic Research Forum, 30th Annual Conference*, April 21-23, Rabat, Morocco.
- 2024 “Can Global Value Chain Participation Mitigate Conflict Between Nations?” (with H. Yanikkaya), *Turkish Academy of Sciences (TÜBA), Conference on Global Transformations and Türkiye*, April 18-20, İstanbul, Türkiye.
- 2024 “Impacts of Global Value Chain Participation on Capital and Labor Shares of Sectors” (with G. Vannoorenberghe), *The 44th MEEA/ASSA Annual Conference*, January 4-6, San Antonio, Texas, USA (Online).
- 2023 “Does the FDI-Related GVC Differ from the Trade-Related GVC in Impact on Growth? The Role of Multinational Enterprises” (with with H. Yanikkaya and A. Altun), *The 44th MEEA/ASSA Annual Conference*, January 4-6, San Antonio, Texas, USA (Online).
- 2023 “Impacts of Global Value Chain Participation on Capital and Labor Shares of Sectors” (with G. Vannoorenberghe), *The 30th Conference on Economics - ICE-TEA2023*, November 16-18, Antalya, Turkey.
- 2023 “Does the FDI-Related GVC Differ from the Trade-Related GVC in Impact on Growth? The Role of Multinational Enterprises” (with with H. Yanikkaya and A. Altun), *The 30th Conference on Economics - ICE-TEA2023*, November 16-18, Antalya, Turkey.
- 2023 “Impacts of Global Value Chain Participation on Capital and Labor Shares of Sectors” (with G. Vannoorenberghe), *The Workshop on Turkish Economy in Memory of Fikret Şenses*, October 5-7, Ankara, Turkey.
- 2023 “The Past and the Future of the Trade Patterns of the MENA Region: Is New Trade Agreement Possible?” (with H. Yanikkaya and A. Altun), *Economic Research Forum, 29th Annual Conference*, May 4-6, 2023, Giza, Egypt.
- 2023 “The Impacts of Cumulative Tariff Rates on Global Value Chains” (with H. Yanikkaya and A. Altun), *The 43rd Middle East Economic Association (MEEA) / American Social Science Association (ASSA) Annual Meeting*, January 5-6, 2023, New Orleans, LA, USA (Online).
- 2022 “Do Lower Tariffs Promote Global Value Chain Participation?” (with H. Yanikkaya and A. Altun), *The Conference of the Journal China & World Economy*, December 10, 2022, Beijing, China (Online).
- 2022 “Are Tariffs Always Bad for Growth Evidence from Cross-Sectoral Analysis” (with H. Yanikkaya and A. Altun), *YouthEcon Graduate Seminar Program*, October 29, 2022. [Link](#).

- 2022 “The Role of Global Value Chains in Outsourcing Greenhouse Gas Emissions” (with H. Yanikkaya and A. Altun), *IRES, Louvain Institute of Data Analysis and Modeling in Economics and Statistics, Université Catholique de Louvain, IRES Afternoon*, October 6, 2022, Louvain-la-Neuve, Belgium.
- 2022 “Are Tariffs Always Bad for Growth? Evidence from Cross-Sectoral Analysis” (with H. Yanikkaya and A. Altun), *European Trade Study Group, 23rd Annual Conference*, September 8-10, 2022, Groningen, Netherlands.
- 2022 “The Role of Global Value Chains in Outsourcing Greenhouse Gas Emissions” (with H. Yanikkaya and A. Altun), *Economic Research Forum, 28th Annual Conference*, March 16-30, 2022, Giza, Egypt (Best Paper Award) (Online).
- 2021 “The Role of Covid-19 Policy Responses on GVC Participation: The Turkish Experience” (with H. Yanikkaya and A. Altun), *Turkish Economic Association 21st National Economics Symposium*, November 5-7, 2021, Eskişehir, Turkey (Online).
- 2021 “Mental Health Problems and Risky Health Behaviors among Young Individuals in Turkey: The Case of Being NEET” (with D. Karaoğlan-Yurtseven and N. Beğen), *Middle East Technical University, Department of Economics Seminer Series*, November 1, 2021, Ankara, Turkey (Online).
- 2021 “The Impacts of Covid-19 on Production of Turkey: An Analysis of International Production Chains” (with H. Yanikkaya and A. Altun), *7th International Conference of Economics, ICE-TEA2021*, April 9-11, 2021, Turkey (Online).
- 2021 “Risky Health Behaviors and Mental Health Problems among Young Individuals in Turkey: The Case of Being NEET” (with D. Karaoğlan-Yurtseven and N. Beğen), *7th International Conference of Economics, ICE-TEA2021*, April 9-11, 2021, Turkey (Online).
- 2020 “Is Simple Participation Enough or Deeper Participation in GVCs Necessary? Evidence from 40 major economies” (with H. Yanikkaya and A. Altun), *19nd International Conference of MEEA*, October 9-11, 2020, İstanbul, Turkey (Online).
- 2020 “The Impacts of Production Lengths on Sectoral Performance: The Case of EU and US Industries” (with H. Yanikkaya and A. Altun), *International Conference on Economics, EconTR Conference*, September 10-12, 2020, Eskişehir, Turkey (Online).
- 2020 “The Effects of Openness and Global Value Chains on the Performance of Turkish Sectors” (with H. Yanikkaya and A. Altun), *Economic Research Forum, 26th Annual Conference*, August 19, Cairo, Egypt (Online).
- 2020 “To Participate or not to Participate in GVCs: Evidence from the Production and GVCs Lengths of EU and US Industries” (with H. Yanikkaya and A. Altun), *Warsaw International Economic Meeting, 15th Annual Conference*, July 1-2, Warsaw, Poland (Online).
- 2019 “Openness and Deindustrialization: A Turkish Case” (with H. Yanikkaya and A. Altun), *Turkey Economic Association 20th National Economics Symposium*, November 17-18, Adana, Turkey.
- 2018 “The Effect of Educational Mismatch on the Total Factor Productivity of Turkish Industry Sector” (with H. Yanikkaya), *Turkey Economic Association 6th International Conference on Economics*, November 1-3, Antalya, Turkey.
- 2018 “The Effect of Paternal Loss on the Schooling Outcomes of Children in Turkey” (with M. Dayioğlu Tayfur), *Turkey Economic Association 6th International Conference on Economics*, November 1-3, Antalya, Turkey.

Ongoing Studies

“Is There Evidence of GHG Leakage? Insights from Production and Consumption-Based Accounting” (with H. Yanikkaya and A. Altun).

“Impacts of Global Value Chain Participation on Capital and Labor Shares of Sectors” (with G. Vannoorenberghe).

Teaching Experience

2023 - Assistant Professor, Department of Economics, Gebze Technical University, Kocaeli, Turkey.
present

Introduction to Economics I (Econ 101), Introduction to Economics II (Econ 102), Macroeconomics I (Econ 203), Macroeconomics II (Econ 204), Labor Economics (Econ 311), Industrial Organization (Econ 316), Environmental Economics (Econ 461), Energy Economics (Econ 462), Mathematical Economics I (Econ 521), Global Value Chains and Trade Policy (Econ 509), Managerial Economics (ITF 512), Firms and Markets (ITF 517), Turkish Economy (ITF 516), Global Value Chain Analysis (ITF 522)

2021 - 2022 Teaching Assistant, Department of Economics, Gebze Technical University, Kocaeli, Turkey.
Statistics I (Econ 207), Statistics II (Econ 208)

2019 - 2021 Teaching Assistant, Department of Economics, Gebze Technical University, Kocaeli, Turkey.
Calculus I (Math 105), Calculus II (Math 110)

2017 - 2019 Teaching Assistant, Department of Economics, Gebze Technical University, Kocaeli, Turkey.
Introduction to Economics I (Econ 101), Introduction to Economics II (Econ 102)

2015 - 2016 Teaching Assistant, Department of Economics, Middle East Technical University, Ankara, Turkey.
Introduction to Economics I (Econ 101), Introduction to Economics II (Econ 102), Macroeconomic Theory I (Econ 202), Mathematics for Economists (Econ 500)

2013 - 2014 Student Assistant, Department of Economics, Middle East Technical University, Ankara, Turkey.
Introduction to Economics I (Econ 101), Introduction to Economics II (Econ 102)

Master Theses Supervised

2025 - Aras, Ü., "Macroeconomic Determinants of Housing Prices", Gebze Technical University, Social Sciences Institute.
present

2024 - Güven, R., "The Impact of Foreign Direct Investment on Emissions at the Provincial Level in Turkey", Gebze Technical University, Social Sciences Institute.
present

Other Activities

Scientific Activities

2025 The 8th International Genc Economistler Congress, Science Committee, October 29-31, 2025.

2024 The 7th International Genc Economistler Congress, Science Committee, May 17-19, 2024.

2023 The 3rd CoursEcon National Seminar Program, Lecturer, Mathematical Economics with R and MATLAB, August 7-13, 2023.

2023 The 6th International Genc Economistler Congress, Science Committee, May 19-21, 2023.

Refereeing

Science and Public Policy, Review of Development Economics, Climate Change Economics, Journal of Economic Studies, International Trade Journal, METU Studies in Development, International Journal of Manpower, Review of International Economic

Membership

Economic Research Forum (ERF), Research Associate

Middle East Economic Association

Position of Responsibility

2018 - Executive board member of Center for Students with Disabilities in GTU
present

2018 - Member of Organization Committee, Festival for People with Disabilities in GTU
present

Certificates

- Oct. 2022 UNCTAD-UNESCAP, Economic Analysis of Non-Tariff Measures
Aug. 2019 Applied Econometrics with R I - II, Summer Seminar on Economy, Denizli, Turkey
Feb. 2013 Internship Program, Ministry of Development, Ankara, Turkey

Honors & Awards

- 2024 The Ibn Khaldun Prize during the MEEA 40th Annual Conference on the coauthored paper entitled Impacts of Global Value Chain Participation on Capital and Labor Shares of Sectors
2023 The L. Alan Winters Prize on the coauthored paper entitled "Do Lower Tariff Rates Promote Global Value Chain Participation?" in World Trade Review
2022-2023 The Scientific and Technological Research Council of Turkey (TUBITAK), 2219-International Postdoctoral Research Fellowship
2022 The Best Paper Award during the ERF 28th Annual Conference on the coauthored paper entitled The Role of Global Value Chains in Outsourcing Greenhouse Gas Emissions
2017 Graduated with High Honor degree in M.Sc. in Department of Economics, Middle East Technical University, Ankara, Turkey
2014 Graduated with High Honor degree in B.Sc. in Department of Economics, Middle East Technical University, Ankara, Turkey (Ranked 4th)

Computer & Linguistic Skills

Computer: MS OFFICE, L^AT_EX, EVIEWS, STATA, R, MATLAB (Advance)
Languages: Turkish (Native), English (Fluent)

References

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