

Gözde Sert

405 B Blocker Building
Department of Statistics
Texas A&M University

Updated: October 2025
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EDUCATION

PhD in Statistics

Expected May 2026

Texas A&M University, College Station, TX
Advisors: Anirban Bhattacharya & Abhishek Chakraborty

M.S. in Mathematics

August 2021

Penn State University, University Park, Pennsylvania
Minor: Statistics
Advisor: Donald Richards

M.S. in Mathematics

August 2018

Boğaziçi University, Istanbul, Turkey
Advisor: Olcay Coşkun

B.S. in Mathematics

August 2016

Boğaziçi University, Istanbul, Turkey

RESEARCH

Research Interests: Bayesian non-parametric inference; Bayesian semi-parametric inference; Bayesian debiasing methods; Semi-supervised learning; Causal inference; Missing data theory; Transfer learning; High-dimensional semi-parametric inference; Functional data analysis; Probability theory.

Published Papers

1. **Gözde Sert**, Abhishek Chakraborty, and Anirban Bhattacharya (2025), Bayesian semi-supervised inference via a debiased modeling approach, *Econometrics and Statistics*. [\[Link\]](#)
 - Winner of ASA Section on Bayesian Statistical Science (SBSS) 2024 [Student Paper Award](#).

Submitted Papers

2. **Gözde Sert**, Abhishek Chakraborty, and Anirban Bhattacharya (2025+), Bayesian semi-parametric causal inference: Targeted doubly robust estimation of treatment effects. *Under review*. [\[Link\]](#)
1. **Gözde Sert** and Sergio Zamora (2018). On unfoldings of stretched polyhedra. *Resubmitted to the American Mathematical Monthly*. [\[Link\]](#)

Papers in Progress

1. **Gözde Sert**, Abhishek Chakraborty, and Anirban Bhattacharya (2025+), I need to add the new project here.

Presentations

7. 14th International Conference on Bayesian Nonparametrics (BNP 14) June 2025
Bayesian Semiparametric Causal Inference: Targeted Doubly Robust Estimation of Treatment Effects UCLA, CA
6. International Indian Statistical Association (IISA) Annual Conference June 2025
Bayesian Semi-supervised Inference via a Debiased Modeling Approach Lincoln, NE
5. The Southeast Texas Chapter of the American Statistical Association (SETCASA) Annual Meeting and Poster Competition April 2025
Bayesian Semiparametric Causal Inference: Targeted Doubly Robust Estimation of Treatment Effects College Station, TX
4. 2024 IMS International Conference on Statistics and Data Science (ICSIDS) December 2024
Bayesian Semi-supervised Inference via a Debiased Modeling Approach Nice, France
3. ASA Joint Statistical Meetings (JSM) August 2024
Bayesian Semi-supervised Inference via a Debiased Modeling Approach Portland, OR
2. SETCASA Annual Meeting and Poster Competition May 2024
Bayesian Semi-supervised Inference via a Debiased Modeling Approach College Station, TX
1. The 37th New England Statistics Symposium (NESS) May 2024
Bayesian Semi-supervised Inference via a Debiased Modeling Approach Storrs, CT

SCHOLARSHIPS & AWARDS

- TAMU Graduate and Professional School Research Travel Award 2025
- Finalist of the IISA Student Paper Competition in Probability and Theory of Statistics and Data Science 2025
- The Texas A&M University Statistics Department Graduate Student Travel Award 2024
- The Texas A&M University Doctoral Student Research, Travel, and Professional Development Award 2024
- The annual IMS International Conference on Statistics and Data Science (ICSIDS) Student Travel Award 2024
- The ASA Section on Bayesian Statistical Science (SBSS) Student Paper Award 2024
- The American Association for the Advancement of Science (AAAS) Section U on Statistics Student Travel Award 2024
- The Southeastern Texas ASA (SETCASA) Poster Competition: Honorable Mention 2024
- The Texas A&M University Statistics Department Graduate Student Travel Award 2023
- The Texas A&M Statistics Graduate Student Association (SGSA) Award 2023
- The Ruth J. and Howard F. Newton Memorial Graduate Student Teaching Award 2022
- Graduate Scholarship, Scientific and Technological Research Council of Turkey 2016 – 2018
- Undergraduate Scholarship, Scientific and Technological Research Council of Turkey 2011 – 2016

TEACHING EXPERIENCE

Texas A&M University

Teaching Assistant

- STAT 612: Theory of Linear Models. Fall 2023, Fall 2024, Fall 2025
- STAT 312: Statistics for Biology. Summer 2025
- STAT 438: Bayesian Statistics. Spring 2025
- STAT 641: Methods of Statistics I Summer 2023
- STAT 607 & STAT 407: Principles of Sample Surveys. Fall 2022
- STAT 211: Principle of Statistics I Summer 2022
- STAT 415: Mathematical Statistics II. Spring 2022
- STAT 601: Statistical Analysis. Fall 2021

Penn State University

Instructor

- MATH 22: College Algebra II (2 sections) Fall 2019, Fall 2020

Teaching Assistant

- MATH/STAT 418: Probability and Stochastic Processes. Fall 2020, Spring 2021, Summer 2021
- MATH 250: Ordinary Differential Equations. Summer 2020
- MATH 251: Ordinary and Partial Differential Equations. Summer 2020
- MATH/STAT 416: Stochastic Modeling. Spring 2020
- MATH 502: Functional Analysis. Spring 2020
- MATH 22: College Algebra II Summer 2019
- MATH 485: Graph Theory. Fall 2018
- MATH 427: Euclidean Geometry. Fall 2018
- MATH 34: Mathematics and Money. Fall 2018

Boğaziçi University

Teaching Assistant

- MATH 131: Calculus of a Single Variable. Spring 2018
- MATH 101: Calculus I. Fall 2017, Summer 2015, Spring 2015
- MATH 201: Linear Algebra. Fall 2015

SERVICE

Texas A&M Department of Statistics
SGSA President

College Station, TX
April 2024–April 2025

Texas A&M Department of Statistics
Department Head Search Committee Member

College Station, TX
March 2024–May 2025

Texas A&M Department of Statistics
SGSA Vice President

College Station, TX
April 2023–April 2024

Texas A&M College of Arts & Sciences
Statistics Career Night, Table Moderator

College Station, TX
March 2024

Texas A&M Department of Statistics
SGSA StatCafe Organizer

College Station, TX
April 2022–April 2023

SKILLS

Technical Skills: C++, R, Python, SQL, HTML, Excel, Git, LaTeX

Languages: Turkish (Native), English (Fluent), Spanish (Intermediate)