Juan Armando **Torres Munguía**

✉ ja.torresmunguia@gmail.com | 🏠 jatorresmunguia.rbind.io | 🔗 jatorresmunguia | 🐦 jtorresmunguia

Education

Georg-August-Universität Göttingen *Göttingen, Germany*

PH.D. APPLIED STATISTICS AND EMPIRICAL METHODS *December 2022*

- **Dissertation:** "Essays on structured additive regression models with applications in development economics" (*summa cum laude*)
  Committee: Prof. Inmaculada Martínez-Zarzoso, Prof. Konstantin Wacker, and Prof. Thomas Kneib.
- Research stay at University of Groningen (July - August 2022)

Instituto Tecnológico y de Estudios Superiores de Monterrey (ITESM) *Monterrey, Mexico*

MASTER IN APPLIED STATISTICS *May 2013*

- **Research project:** "Comparison of imputation methods for handling missing income data and their impact on poverty"

Universidad Autónoma de Coahuila (UAdeC) *Saltillo, Mexico*

BACHELOR OF ECONOMICS *September 2010*

- **Research project:** "Determinants of migrant's remittances" (With distinction)

Professional experience

United Nations Institute for Disarmament Research (UNIDIR), Managing Exits from Armed Conflict (MEAC) *Geneva, Switzerland*

RESEARCHER / DATA MANAGER *May 2022 - Currently*

Georg-August-Universität Göttingen, Ibero-America Institute for Economic Research *Göttingen, Germany*

RESEARCH ASSISTANT *June 2021 - December 2022*

International Organization for Migration (IOM), Regional Office for Central America, North America and the Caribbean.

DATA ANALYST *February 2021 - May 2021*

United Nations Entity for Gender Equality and the Empowerment of Women (UN Women), Global Center of Excellence for Gender Statistics

STATISTICAL CONSULTANT *December 2018 - June 2019*

United Nations Office on Drugs and Crime (UNODC), Center of Excellence in Statistical Information on Government, Crime, Victimization and Justice *Mexico City, Mexico*

STATISTICIAN *March, 2014 - March, 2016*

Peer-reviewed publications

1. Torres Munguía, J. A., Badarau, F. C., Díaz Pavez, L. R., Martínez-Zarzoso, I., & Wacker, K. M. (2022). A global dataset of pandemic- and epidemic-prone disease outbreaks. *Scientific Data*, *9*(1), 683. `https://doi.org/10.1038/s41597-022-01797-2`

2. Torres Munguía, J. A., & Martínez-Zarzoso, I. (2022). Determinants of emotional intimate partner violence against women and girls with children in mexican households: An ecological framework. *Journal of Interpersonal Violence*, *37*(23-24), NP22704–NP22731. `https://doi.org/10.1177/08862605211072179`

3. Torres Munguía, J. A., & Martínez-Zarzoso, I. (2021). Examining gender inequalities in factors associated with income poverty in mexican rural households. *PloS One*, *16*(11), e0259187. `https://doi.org/10.1371/journal.pone.0259187`

4. Torres Munguía, J. A. (2014). Comparison of imputation methods for handling missing categorical data with univariate pattern. *Revista de Métodos Cuantitativos Para La Economía y La Empresa*, *17*, 101–120. `https://dialnet.unirioja.es/servlet/articulo?codigo=4717447`

Working papers

1. Punton, N., Torres Munguía, J. A., van Broeckhoven, K., O'Neil, S., Bukar, M., Yetcha Ajimi Badu, F., Madhuraj, A., & Ali, S. (2022). *Child recruitment in the lake chad basin* (No. 22). United Nations University. `http://collections.unu.edu/eserv/UNU:9016/ChildRecruitmentLake_Chad_Basin.pdf`

2. Parry, J., Khoshnaw, Y. K., O'Neil, S., Torres Munguía, J. A., & Genat, M. (2022). *The road from al hol camp: Reflections on the iraqi experience* (No. 24). United Nations University. `http://collections.unu.edu/eserv/UNU:9040/RoadFromAlHol_FINAL.pdf`

3. Torres Munguía, J. A., & Martínez-Zarzoso, I. (2020). *What determines poverty in mexico?: A quantile regression approach* (No. 246). Georg-August-Universität Göttingen, Ibero-America Institute for Economic Research. `http://hdl.handle.net/10419/217231`

4. Torres Munguía, J. A., & Martínez-Zarzoso, I. (2018). *What is behind homicide gender gaps in mexico? A spatial semiparametric approach* (No. 236). Georg-August-Universität Göttingen, Ibero-America Institute for Economic Research. `http://hdl.handle.net/10419/178674`

5. Vilalta Perdomo, C. J., Castillo, J. G., & Torres Munguía, J. A. (2016). *Violent crime in latin american cities*. Inter-American Development Bank. `https://publications.iadb.org/en/violent-crime-latin-american-cities`

Skills

LANGUAGES

• Spanish (mother tongue), English (C1), German (C1), Italian (B2), French (B1)

SOFTWARE AND PROGRAMMING SKILLS

• R, Rmarkdown, Github, LaTeX