

LEVI ALTRINGER

Data Scientist | Statistician | Economist

 www.levialtringer.com  [levi-altringer](#)  [levialtringer](#)  0000-0001-5371-1090

Data scientist, statistician, and economist with 6+ years of experience applying statistical analysis, predictive modeling, causal inference, and data-driven methods to federal decision-making across research, policy, and operations. Skilled in Python, R, SQL, for statistical analysis and interactive data visualization. Proven ability to lead projects across the full data life cycle, from data integration and hypothesis testing through model validation and communication of results. Author of 15+ peer-reviewed publications with experience translating complex analyses into actionable insights for technical, executive, and operational audiences.

EXPERIENCE

Data Scientist (1560; GS-13) (Full-Time, 40hrs/wk)

USDA FSIS OPARM Data Analytics and Innovation Staff

 May 2026 – Present  Fort Collins, CO

Apply statistical analysis, predictive modeling, and data-driven methods to support agency decision-making, food-safety risk assessment, and program evaluation related to public health.

- Conduct statistical and predictive analyses of food-safety data to identify trends, assess risk, and inform evidence-based agency decisions.
- Prepare, integrate, and evaluate complex datasets, applying rigorous quality checks to ensure accurate, reliable, and reproducible results.
- Develop analytical reports, summaries, and visualizations that communicate findings and risk insights to agency leaders, program managers, and other stakeholders.
- Translate technical analyses into clear recommendations that inform food-safety and public-health programs.

Economist (0110; GS-12/13) (Full-Time, 40hrs/wk)

USDA APHIS WS National Wildlife Research Center

 Apr. 2023 – Apr. 2026  Fort Collins, CO

Led quantitative research initiatives involving relational data integration, statistical and predictive modeling, simulation, and program evaluation. Developed R/Shiny decision support tools, evaluated statistical models in Python/R, applied causal-inference methods to evaluate wildlife management programs, and performed cost-benefit analyses.

Research Associate II (GS-12 Equiv.) (Full-Time, 40hrs/wk)

Colorado State University

 Feb. 2020 – Mar. 2023  Fort Collins, CO

Developed R and Python algorithms, machine-learning models, and causal analyses using large relational datasets. Improved financial risk assessments, quantified the impacts of wildlife-aircraft collisions as network disruptions, and identified transportation safety trends relevant to federal risk management.

ACHIEVEMENTS

 **USDA NWRC Publication of the Year (2025)**

Return-on-investment analysis for wildlife hazard management programs at airports.

 **USDA Certificate of Merit (2025)**

For applying cutting-edge econometric methods, demonstrating creativity and expertise in economic analysis.

 **Published Extensively**

15+ peer-reviewed articles in professional journals of science, economics, transportation, public health, and education.

SKILLS

- Causal inference
- Machine learning
- Forecasting
- Program evaluation
- Cost-Benefit analysis

R	●	●	●	●	●
Python	●	●	●	●	●
SQL	●	●	●	●	●
Power BI	●	●	●	●	●
Shiny	●	●	●	●	●
Tableau	●	●	●	●	●
Azure Synapse	●	●	●	●	●
Git/GitHub	●	●	●	●	●
VS Code	●	●	●	●	●
Azure DevOps	●	●	●	●	●

EDUCATION

Ph.D. in Economics

Colorado State University (GPA: 4.0/4.0)

 Jan. 2019 – Aug. 2022

M.A. in Economics

Colorado State University (GPA: 4.0/4.0)

 Aug. 2016 – Dec. 2018

 L.S. and Chuen-mei Fan Graduate Scholarship in Public Economics (2018)

B.S. in Economics & Mathematics

Linfield University (GPA: 3.6/4.0)

 Aug. 2011 – Dec. 2015

 Distinguished Graduate in Dept. of Mathematics & Dept. of Economics (2015)