

**The University of Texas at Austin**  
**IN-TERM EXAM 1**  
*Predictive Analytics*

February 25, 2026

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## **Topics**

- Bias.
- Mean-squared error.
- Univariate bootstrap.
- Supervised vs. unsupervised learning.
- Regression vs. classification.
- Linear regression.
- Linear regression (splines).
- Logistic regression.
- Cross-validation.
- K-Nearest Neighbors.