**Curriculum Vitae**

**Name: Ahmet GUVEN**

**Address: Measurement and Statistics**

**Florida State University**

**Stone Building 1114 W. Call Street, Tallahassee, FL 32306**

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**Education:**

Ph.D., Measurement and Statistics, Florida State University, Tallahassee, USA

Expected Graduation Date – Spring 2021

M.A.E., Research and Evaluation Methodology, University of Florida, Gainesville, USA

B.Ed., Science Education, Ahi Evran University, Kirsehir, TR

**Biographical Information:**

Ahmet is a Ph.D. candidate in the Measurement and Statistics program at Florida State University (FSU). His research interest is Item Response Theory (IRT) and Machine Learning. He previously worked as a research assistant in the department of science education/teaching at Sakarya University in Turkey. In 2013, he got a scholarship from Turkish Ministry of National Education which provides an opportunity to study abroad. He got accepted by the College of Education in the University of Florida, Gainesville, FL, and received his master’s degree in Research and Evaluation Methodology in 2017. His thesis was about the performance of Rasch tree differential item functioning method under several conditions such as missing data. He is now conducting his research under the supervision of Dr. Insu Paek. Ahmet currently works on the statistical analysis, the implementation of IRT equating and scaling, and writing of the psychometric technical reports at the Learning Systems Institute (LSI) as a graduate research assistant. His areas of research are differential item functioning, equating and scaling, and applications in multidimensional item response theory.

**Work Experience:**

2007 - 2008 – Internship for secondary school students, Kirsehir, Turkey

2013 - 2014 – Research assistant at Sakarya University, Sakarya, Turkey

2018 - 2020 (Ending on May 1) – Graduate research assistant at Florida State University, Tallahassee, Florida

**Selected Publications:**

Guven, A. (2017). *The Performance of the Rasch Tree Method for Detection of Differential Item Functioning in the Presence of Missing Item Responses*. (Unpublished master dissertation). University of Florida, FL: Gainesville.

Guven, A., Yang, X., Paek, I., & Li, L. (2018, November). *The Effects of Sample Sizes and Item Types on 2PL/3PL IRT Estimates*. Paper presented at the meeting of Florida Educational Research Association (FERA), St. Petersburg, FL.

Guven, A., Huggins-Manley, A. C., Paek, I., &Yang, X. (2019, November). *Investigating the Effects of Missing Data on the Rasch Tree DIF Method*. Paper presentation at the meeting of Florida Educational Research Association (FERA), St. Petersburg, FL.

Yang, X., Paek, I., & Guven, A. (2019, November). *Utility of Cluster Analysis for Investigating Dimensionality and Comparison with Parallel Analysis*. Poster presented at the meeting of Florida Educational Research Association (FERA), St. Petersburg, FL.

Li, L., Paek, I., Yang, Y., Guven, A., & Yang, X. (2018, November). *Robustness of parallel analysis in the presence of low-discriminating items*. Paper presented at the meeting of Florida Educational Research Association (FERA), St. Petersburg, FL.

Yankayis, K., Guven, A., & Turkoguz, S. (2014). Examination According to Several Variables ff Their Opinious about Scientific Knowledge of Middle School Students. *Bayburt Eğitim Fakültesi Dergisi*, *9*(2), 53-71.

**Computer/Software Skills:**

- R,

- Flex MIRT,

- IRTPRO,

- Parscale,

- HLM,

- SPSS/AMOS, and

- M-Plus.