

ÖZGEÇMİŞ
Ragıp Terzi
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AKADEMİK ÖZGEÇMİŞ

Doktora (2017): Rutgers, The State University of New Jersey, Graduate School of Education
Doktora Dal: Eğitimde İstatistik ve Ölçme
Tez Danışmanı: Prof. Dr. Jimmy de la Torre

Yüksek Lisans (2016): Rutgers, The State University of New Jersey, School of Arts and Sciences
Yüksek Lisans Dal: Uygulamalı ve Matematiksel İstatistik

Yüksek Lisans (2012): Boston College, Lynch School of Education
Yüksek Lisans Dal: Eğitimde Araştırma, Ölçme ve Değerlendirme

Lisans (2007): Atatürk Üniversitesi, Kazım Karabekir Eğitim Fakültesi
Lisans Dal: İlköğretim Matematik Öğretmenliği

Yabancı Dil: 95 (YÖKDİL, 2017 Mart)

İŞ TECRÜBELERİ

Araştırma Görevlisi (2012 – 2016): Rutgers, The State University of New Jersey

- Worked on a research project where new Q matrix validation procedures under the framework of Cognitive Diagnosis Modeling are introduced (directed by Prof. Jimmy de la Torre).
- Worked on a research project titled as “Accounting for the Impact of Uncertainty in Item Parameter Estimates on Ability Estimates” presented at National Council on Measurement in Education (NCME) Conference (directed by Prof. Jimmy de la Torre).
- Worked on a research project titled as “Improvement in IRT Linking including the Distractor Categories of Multiple-Choice Items under the Nested Logit Model.”
- Extended and completed the previous study, “An Odds Ratio Approach for Detecting DDF under the Nested Logit Modeling Framework” published in *Journal of Educational Measurement* (directed by Prof. Youngsuk Suh).
- Worked on a research project titled “An odds ratio approach for DDF detection under the Nested Logit Model” presented at National Council on Measurement in Education (NCME) Conference (directed by Prof. Youngsuk Suh).

Araştırma Görevlisi (2011 – 2012): Boston College, Lynch School of Education

- Worked with National Center for Education Statistics (NCES) and Common Core Data (CCD) to assess the validity of the data for the Office of Professional Practicum Experiences (PPE).
- Built linkage of codes between the PPE and the CCD database.
- Independent Study on Value-Added Modeling (VAM) (directed by Prof. Henry Braun),
 - ✓ A paper on literature review about VAMs
 - ✓ A paper on the feasibility of VAMs in Turkish Educational System

Matematik Öğretmeni (2007-2009): Aşkale Çiftlikköyü İlköğretim Okulu, Erzurum

AKADEMİK ÜYELİKLER

American Educational Research Association (AERA)

- Division D: Measurement and Research Methodology
- Division H: Research, Evaluation, & Assessment in Schools

National Council on Measurement in Education (NCME)

Northeastern Educational Research Association (NERA)

HAKEMLİK

NCME Graduate Student Abstract Reviewer: 2015, 2016

NCME GSIC Poster Discussant: 2015, 2016

Harran Education Journal: 2017 – Present

Kahramanmaraş Sutcu Imam University Education Journal: 2017 - Present

DOKTORA TEZİ

Terzi, R. (2017). New Q-Matrix Validation Procedures. (Yayınlanmamış Doktora Tezi). Rutgers, The State University of New Jersey, New Brunswick, NJ – USA.

ULUSLARARASI HAKEMLİ DERGİLERDE YAYINLANAN YAYINLAR

Terzi, R., & Suh, Y. (2015). An odds ratio approach for detecting DDF under the nested logit modeling framework. *Journal of Educational Measurement*, 52, 376-398.

Akbay, L., **Terzi, R.**, Kaplan, M., & Karaaslan, K. G. (2017). Expert-based attribute identification and validation on fraction subtraction: A cognitively diagnostic assessment application. *Journal On Mathematics Education*, 9(1). doi:10.22342/jme.9.1.4341.

ULUSLARARASI KONGRE, SEMPOZYUM, PANEL GIBİ BİLİMSEL TOPLANTILARDA SUNULARAK, PROGRAMDA YER ALAN, ÖZET METİN OLARAK YAYIMLANAN BİLDİRİ

Terzi, R., & de la Torre, J. (accepted). *Two General Iterative Q-Matrix Validation Procedures*. Paper to be presented at the annual meeting of National Council on Measurement in Education, New York, NY, USA. April 12-16, 2018.

- Ma, W., Terzi, R., Lee, S. Y., & de la Torre, J. (2017, April). *Multiple group cognitive diagnosis models and their applications in detecting differential item functioning*. The annual meeting of American Educational Research Association, San Antonio, TX.
- Hou, L., & Terzi, R. (2017, April). *Examining DIF in the proportional reasoning test using various Wald test formulations*. The annual meeting of National Council on Measurement in Education, San Antonio, TX.
- Asilkalkan, A., Yakar, L., & Terzi, R. (2016, October). *DIF and DDF analyses on Turkish high school entrance exam*. The annual meeting of Northeastern Educational Research Association, Trumbull, CT.
- de la Torre, J., & Terzi, R. (2016, July). *The Wald test for empirical Q-matrix validation*. The international meeting of Psychometric Society, Asheville, NC.
- Terzi, R., & de la Torre, J. (2016, April). *A new search algorithm for Q-Matrix Validation*. The annual meeting of National Council on Measurement in Education, Washington, DC.
- Akbay, L., Terzi, R., & Kaplan, M. (2015, October). *An application of cognitive diagnosis modeling framework: Attribute identification and validation*. The annual meeting of Northeastern Educational Research Association, Trumbull, CT.
- Terzi, R., & de la Torre, J. (2015, April). *An iterative method of empirically-based Q-matrix validation*. The annual meeting of National Council on Measurement in Education, Chicago, IL.
- Tzou, H., de la Torre, J., Wu, Y., & Terzi, R. (2015, April). *Assessing two methods of Q-matrix validation for the DINA model*. The annual meeting of National Council on Measurement in Education, Chicago, IL.

ULUSLARARASI KONGRE, SEMPOZYUM, PANEL GIBI BİLİMSEL TOPLANTILARDA SUNULARAK, PROGRAMDA YER ALAN, ÖZET METİN OLARAK YAYIMLANAN POSTER BİLDİRİ

- Terzi, R., & de la Torre, J. (2015, April). *Accounting for the impact of uncertainty in item parameter estimates on ability estimates*. The annual meeting of National Council on Measurement in Education, Chicago, IL.
- Terzi, R., & Suh, Y. (2013, April). *An odds ratio approach for DDF detection under the 2-PL Nested Logit Model: A simulation Study*. The annual meeting of National Council on Measurement in Education, San Francisco, CA.

DİĞER AKADEMİK SUNUMLAR

- Terzi, R. (2013, October). *The Art of Test Design: How crucial is preparing sound distractors in multiple choice items?* Rutgers GSE Graduate Student Presentation Series 2013-14 at Rutgers University, New Brunswick, NJ. (Davetli Konuşmacı)

Terzi, R. (2012, May). *Organizational image perceptions of the university by students from the school of education: Psychometric analysis of survey items with the Rasch model.* The annual meeting of New England Educational Research Organization, Portsmouth, NH. (Proje Sunumu)

BİLGİSAYAR TECRÜBELERİ

Scientific Application: Ox, R, HLM, IRTPRO, LISREL, LaTeX, OpenBugs, Winsteps, SPSS
Office Applications: Microsoft PowerPoint, Excel, Word
Database: FileMaker

ÖDÜLLER ve BURSLAR

Milli Eğitim Bakanlığı Yurtdışı Yüksek Lisans ve Doktora Bursu (2009)