Tai Sun Jeong

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EDUCATION

MA in Education   February 2021
Korea National University of Education, Department of Education
Dissertation: *Modeling Likert-scaled predictors in penalized regression: A Monte Carlo simulation on nonlinear effect*
Advisor: Jin Eun Yoo, Ph. D.

BA in Education   February 2017
Korea National University of Education, Department of Education

RESEARCH EXPERIENCE

Appointed Researcher   Mar 2021 to Feb 2023
Korea Institute for Curriculum and Evaluation, Division of Educational Evaluation

Research Assistant   Aug 2023 to Dec 2023
Jeonbuk National University, Bureau of University-Industry Cooperation & Research

TEACHING

Teaching Assistant
Korea National University of Education, Department of Education   Mar 2020 to Dec 2020

Hackers HRD   Aug 2023 to Aug 2024
- Scored exams and advised students in online R/Python programming classes

PUBLICATIONS

Peer-reviewed Journals
2023
Lee, S., Sang, K., **Jeong, T. S.**, & Sim, J. S. (2023). The effect of the construction of mixed anchor items on the test equating in mixed-format tests. *Journal of Educational Evaluation, 36*(1), 199-227. https://doi.org/10.31158/JEEV.2023.36.1.199

2022
Immekus, J. C., **Jeong, T. S.**, & Yoo, J. E. (2022). Machine learning procedures for predictor variable selection for schoolwork-related anxiety: Evidence from PISA 2015 mathematics reading and science assessments, *Large-scale Assessments in Education, 10*, 30. https://doi.org/10.1186/s40536-022-00150-8

Yoo, J. E., & **Jeong, T. S.** (2022). Predictor exploration on the effect of sports for all participation via machine learning: 2020 National survey on sports for all data analysis, *The Korean Journal of Physical Education, 61*(5), 29-42. https://doi.org/10.23949/kjpe.2022.9.61.5.3

2020

Yoo, J. E., & **Jeong, T. S.** (2020). Exploration of variables to predict high school students' career information needs employing group Mnet, a machine learning. *Journal of Vocational Education & Training, 23*(3), 88-113.

CONFERENCE PRESENTATIONS

Jeong, T. S., Yoo, J. E., & Kim, H. G. (2022, April 21-26). *A Monte Carlo simulation on nonlinear effects of Likert-scaled items with machine learning* [Roundtable presentation]. 2022 AERA Annual Meeting, Sand Diego, CA, United States. https://doi.org/10.3102/IP.22.1884930

Yoo, J. E., **Jeong, T. S.**, & Immekus, J. C. (2022, April 21-26). *PISA test anxiety predictor exploration via penalized regression* [Poster session]. 2022 AERA Annual Meeting, Sand Diego, CA. United States. https://doi.org/10.3102/1883407