Thien-Phuc Tran, PhD.

Senior Scientist

Institute of Public Health, Medical Decision Making and Health Technology Assessment

Department of Public Health, Health Services Research and Health Technology Assessment

UMIT TIROL - University for Health Sciences and Technology

Eduard-Wallnoefer-Zentrum 1, A-6060 Hall in Tirol, Austria

Biosketch

Thien-Phuc Tran is a Senior Scientist at the Institute of Public Health, Medical Decision Making and Health Technology Assessment at the Department of Public Health, Medical Decision Making and Health Technology Assessment, UMIT TIROL - University for Health Sciences and Health Technology in Hall in Tirol, Austria.

He is currently working on the EU Joint Action project EUCanScreen EUCanScreen project, developing and validating decision-analytic models to evaluate risk-based colorectal cancer screening strategies, balancing benefits, harms, and costs. The work includes internal and external validation, calibration, and extensive uncertainty analyses to support evidence-based decision support.

Thien-Phuc earned his PhD in Statistics from University of Padova, Italy, where he worked on developing advanced statistical methodologies for meta-regression models. He susequentlyworked as a postdoctoral research associate at the Department of Medical Statistics, University Medical Center Goettingen, conducting systematic review and meta-analysis in cardiology in close collaboration with clinicans, and further advanced statistical methods for individual-lebelmeta-analysis, particularly in settings a limited number of studies.

Thien-Phuc's main research interests lie in public health, with a focus on statistical and health data science methods spanning meta-analysis and a broad range of applied analytical approaches, as well as health technology assessment and decision-analytic modeling. His subject matter focus is on evaluating public health interventions, including primary prevention, screening and treatment interventions, leveraging a diverse set of software tools.