Message from Faculty of Education (Academic Unit: CDIS)

The academic unit Human Communication, Development and Information Sciences (CDIS) at Faculty of Education, HKU is organising a series of Methodology and Statistics workshops for faculty and graduate students to provide updated information on research methods and data analysis.

Following two well-received seminars on SEM and Meta-Analysis, we are pleased to announce that Professor Jimmy de la Torre will present the third seminar on Item Response theory. This will be an introductory talk accessible to Faculty members and graduate students.

Date: November 24, 2000 (Tuesday)
Time: 4:00-5:30 pm.
Title: A Not-So-Gentle Introduction to Item Response Theory
Speaker: Professor Jimmy de la Torre

Description: This presentation will start with a comparison of classical test theory and item response theory (IRT), where the advantages of the former over the latter will be highlighted. It will be followed by a presentation of a number of both commonly and not-so-commonly encountered IRT models in the literature, which include models for dichotomous, polytomous, multiple-choice, rating, preference, and forced-choice data. General applications of IRT will be then discussed followed by some specific application examples. A brief demonstration of IRT analysis using R packages will follow. Finally, the presentation will conclude with a discussion of cognitive diagnosis models, which can be construed as a specific type of IRT model.

Colleagues and graduate students are welcomed to join. Please register via the google link https://forms.gle/4PJ9LSpatN3Sukda9 and Zoom information will be sent to you.

From CDIS Research Leader, Professor Carol Chan