

EduMetric2014 International Seminar on Educational Research and Measurement 6th - 8th of December 2014 Jagiellonian University, Krakow - Poland

Saturday 6th December (Collegium Novum, Gołębia 24, Aula, 1st floor) workshop on multidimensional IRT/CAT by Kyung (Chris) T. Han (Jagiellonian University Institute 9:30 - 11:30 of Sociology, Grodzka 52, room 80, 2nd floor) 12:00 - 13:00 participants registration (Collegium Novum, Gołębia 24, Aula, 1st floor) 13:00 - 13:15 opening ceremony (Collegium Novum, Gołębia 24, Aula, 1st floor) Chair: Jarosław Górniak Lale Khorramdel-Ameri (Educational Testing Service, Princeton) 13:15 - 15:30 Stephen G. Sireci (University of Massachusetts, Amherst) Michał Federowicz (Educational Research Institute, Warsaw) 15:30 - 16:00 coffee break with little snack Chair: Stephen G. Sireci Johann Bacher (Johannes Kepler University, Linz) 16:00 - 18.15 Marian Niezgoda (Jagiellonian University, Krakow) Jarosław Górniak (Jagiellonian University, Krakow) 18:15 - 18:45 graduation ceremony of students of the Educational Measurement Study Program 19:00 welcome dinner (Collegium Novum, Gołębia 24, Klub Convivium, ground floor) Sunday 7th December (Auditorium Maximum, Krupnicza 33, Seminar Room, 2nd floor) Application of Mixture Item Response Model for twin data with unknown zygosity (A.Pokropek) Detecting and profiling examinees with aberrant response patterns on lower-secondary school exit exam in Poland (M.Koniewski, P.Majkut, P.Skórska) Session 10:00 - 11:30 The four-parameter logistic model – a useful tool in educational research or a conceptual humbug? (K.Świst) Does guessing matter? Differences between ability estimates from 2PL and 3PL IRT models in case of guessing (T.Żółtak, G.Golonka) 11:30 - 11:45 coffee break A multifactorial explanation of youth unemployment and the special case of Austria (D.Tamesbergera) Measuring socioeconomic position using categorical principal components analysis - the Session 11:45 - 13:15 role of income, education and occupation for socioeconomic position in Poland (Z.Drożdżak) \_Maternal working conditions and their influence on socio-emotional child development (P.Gerhartinger) The institutional childcare situation of small municipalities in Upper Austria (Ch.Koblbauer) 13:15 - 14:45 lunch break Cognitive strategies and reading outcomes: analysis of the PISA 2009 results for Poland (M.Muszyński, M.Jakubowski) Reading Gender Gap and the lack of a father at home (R.Mazelanik, M.Jakubowski) Gender differences in pseudo(guessing) and item omission (P.Skórska, K.Świst, A.Jasińska-Session 14:45 - 16:15 Maciążek, M.Koniewski) Investigating gender differential item functioning in lower high shool exam. Example derived from 3 voivodeships: Lesser Poland, Subcarpathian and Lublin (K.Barzykowski, J.Grzymała-Moszczyńska, M.Król) 16:15 - 16:30 coffee break

HUMAN CAPITAL







16:30- 18:00	Session E3	<ul> <li>Comparison of several approaches to analysis and shortening of psychological scales (P.Majkut, G.Czarnek, P.Dragon)</li> <li>Difficulties and inaccuracies in translation and cross-cultural adaptation of items on the example of the international PISA study (A.Strojny, K.Karteczka-Świętek, B.Nosek)</li> <li>cancelled – Convergent validity of Raven's Progressive Matrices Test within Classical Test Theory and Item Response Theory (M.Taraday, A.M.Wieczorek)</li> <li>Inverse propensity scores as weights in educational research (M.Jelonek)</li> </ul>
20:00		surprise activity
Monday 8th December (Auditorium Maximum, Krupnicza 33, Exibition Room A, 2nd floor)		
10:00 - 11:45	Session E4	<ul> <li>Computer Adaptive Testing in the Vocational Training Domain 'Accountancy' (Ch.Helm)</li> <li>Issues with item response theory (IRT) and computerized adaptive testing (CAT) practical application in the Baltic States (E.Felcis)</li> <li>Learning strategies as a predictor of academic achievement in Polish 15-year-olds (M.Blukacz, M.Kromka)</li> <li>How to Measure Participation of Pupils at School Analysis of Unfolding Data Based on Hart's Ladder of Participation (D.Wetzelhütter, J.Bacher)</li> <li>First aid education: knowledge measurement among pupils (Z.Bednarowska, M.Lichoń, M.Kautsch)</li> </ul>
11:45 – 12:00		coffee break
12:00 - 13:15	Session L2	Is it worth it to invest in a training? The problems of measuring the benefits of investment in training and personal development (M.Kocór, B.Worek) Exploring mismatch between workers skills and job requirements in selected European countries (D.Turek, A.Anzulewicz, B.Ostafińska-Molik) Does education work differently for males and females in the labour market? (S.Czarnik, K.Kasparek)
13:15 - 13:30		closing ceremony

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