

Programme of MEDSTAT Course **Price Index Theory and Price Statistics**, in Istanbul 2009

Course as it in fact took place in the Prince Hotel Istanbul. Participants came from Egypt, Israel, Jordan and Palestine; Sections (sec.) refer to my book "**Index Theory and Price Statistics**".

For the course a (137 pages) booklet with "handouts" (= text and formulas, exercises etc) was prepared and distributed to the participants

	Monday June 8 th	Tuesday June 9 th	Wednesday June 10 th	Thursday June 11 th	Friday June 12 th
AM 09 ⁰⁰ - 12 ³⁰	Introduction MED-STAT-Representative* Structure of the course, Survey of approaches to index theory (axiomatic, economic, stochastic) and Unweighted indices sec. 1.1 – 1.3	Stochastic approach, more axioms, and axiomatic systems sec. 2.3, 3.2 – 3.3 Reporting consumer prices and the system of price indices in German Official Statistics sec. 4.1 /6.1	(0900 – 1200) Chain index and Divisia index, advantages and disadvantages of chain indices sec. 2.5 / 7.1 – 7.2 Discussion on the chain index approach (1200 – 1230)	(0900 – 1230) Other indices than CPIs sec. 6.3 – 6.5 Consumer prices, sampling and methods of quality adjustment sec. 6.1 / 4.2 – 4.3	(0930 – 1230) Exercises in index theory Index problems of interspatial /international comparisons sec. 8.1 – 8.4
PM 13 ³⁰ - 17 ⁰⁰	(1330 – 1630) Fisher's approach and some axioms; economic vs. axiomatic approach. in index theory sec. 2.1-2.4 / 3.1-3.2 Discussion and first exercises in index theory (1630 – 1700)	(1330 – 1630) German CPI and Harmonized index of consumer prices in Europe (HICP), Controversial issues in inflation measurement sec. 4.1 / 6.1 – 6.2 Discussion (practice in price statistics) (1630 – 1700)	(1330 – 1630) Deflation of aggregates, consistency requirements deflator price indices in National Accounts (SNA/ESA recommendations) sec. 5.1 – 5.4 Discussion (1630 – 1700)	(1330 – 1630) Additive models (Stuvel, Banerjee), log change index numbers (Vartia's formulas, etc.) sec. 2.6 / 3.4 – 3.6 Discussion (the formulas and more exercises in index theory) (1630 – 1700)	(1330 – 1530) Exercises and Course evaluation discussion and evaluation questionnaire

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