Preface: why yet another text on introductory statistics for graduate students in population health sciences?

The senior author first taught a 2-course sequence for first year graduate students in epidemiology in 1980, using Colton’s Statistics in Medicine as the text for the introductory course (607). He developed his own notes for the second course, which covered multiple regression for quantitative responses. Over the next 10 years, he continued to teach the first course – first from Colton, but latterly from Moore and McCabe (and undergraduate text) and with epi statistics from Armitage and Berry and some other fundamentals from Freedman

(Statistics). Stan S taught the second (621 Data Analysis in the Health Sciences), mostly from Kleinbaum’s Applied Regression Analysis and Other Multivariable Methods.

In the 1990s, Lawrence J taught 607, and Michal A 621. Neither used a required textbook. LJ developed an extensive set of written notes (still available on his website) (and contributed a chapter Introduction to Biostatistics: Describing and Drawing Inferences from Data

book on Surgical Arithmetic) while MA used transparencies that were widely photocopied. Robert

2000s Robert P 621? LJ 621

Meanwhile JH taught to summer students (mostly medical residents and fellows): 607 and a second course (678, Analysis of Multivariable Data). Both sets of content are available on jis website. He last taught the Fall version of 607 in 2001, when LJ was on sabbatical.

607: 2006 - 201x Erica M; 20xx - Paramita SC. 2018, 2019 Sahir B

621: Aurelie Alexandra 2020 Shirin

Changing Student Mix (MPH)

Changing computing Technology

Currently available texts McCabe Rosner Pagano

607 Baldi B and Moore D S. The Practice of Statistics in the Life Sciences, 3rd edition. Freeman and Company.

Intro Stats, 5th Edition De Veaux, Velleman, Bock 2018

McCabe Rosner Pagano. Formats

Changing attitudes to teaching statistics – Horton