962-62-835 William J Hooper* (hooper@math.binghamton.edu), 925 Neal Road, Endicott, NY 13760.

Semi-parametric Modeling Techniques and Applications.

While the young field of semi-parametric estimation has produced a wide array of modeling techniques, few outside of the field make use of these models. Instead, many continue to use the traditional parametric models. We will examine a few examples where a semi-parametric model will fit the data better than its parametric counterpart. (Received September 27, 2000)