THE STUTTERING GENERALIZED WARING DISTRIBUTION

John PANARETOS

University of Patras, and University of Crete, Greece

Evdokia XEKALAKI

University of Crete, Greece *

Received February 1985 Revised April 1986

Abstract: The stuttering generalized Waring distribution is introduced and shown to arise through two urn genesis schemes. Its probability generating function and moments are derived and some potential applications are discussed.

AMS Subject Classifications: Primary 60E05; Secondary 62E10.

Keywords: generalized Waring distribution, compound Poisson distribution, urn model.