ACKNOWLEDGEMENT

I take this opportunity of placing on record my sincere gratitude to all those people who have contributed to my present undertaking.

I am grateful to Dr. M. Sreehari, Professor, Department of Statistics, M.S. University, Baroda for his kind guidance, advice and encouragement.

I thank the authorities of the M.S. University of Baroda for providing me facilities for doing this research work.

I also thank Prof. A.G. Phatak, Director, Population Research Centre, Baroda for his encouragement and co-operation.

I have benefitted from my discussions, at various stages of my work, with Prof. S. Mukerji, Prof. K.B. Pathak and Dr. T.K. Roy of International Institute for Population Sciences, Bombay, as well as with Mr. R.B. Gupta of Operations Research Group, Baroda. I wish to convey my gratitude to them for their timely advice and help.

I also wish to convey sincere gratitude to Dr. M.E. Khan and Mr. C.V.S. Prasad, ORG, Baroda, for providing the necessary details of the 1980 All India Survey data collected by their institute.

I would be failing in my duty if I do not place on record my sincere thanks to Nr. A.S. Dey for his help in programming and computer analysis. I take this opportunity of acknowledging the assistance rendered by Miss Urvi Shah all through my research work. She has also helped in final proof corrections of the manuscript. I thank her for her contribution.

At this juncture, I convey my gratitude to my other colleagues Prof. M.¹⁴. Gandotra, Miss Gita Patel, Mr. A.C. Padhiyar and Miss Saroj Bhavsar who have extended their help and co-operation during the period of research. I also convey my gratitude to Miss Varsha Chokshi, Miss Sangita Hodi and Mr. R.M. Patel for their help in the later stages of computer analysis.

I am extremely grateful to Mr. K.M. Upadhyay for deciphering my handwritten work and neatly executing the typing work.

Last, but not the least, I thank Mrs. Nirmala Kadam who has aided in my work by typing the various research papers which have been developed along with the present research.

Any errors or omissions that remain in the research are the sole responsibility of author and not of any of the persons mentioned above.

N.P. DAS

Baroda May, 1988