

TABLE OF CONTENTS

Preface / ix

Acknowledgements / xii

Table of contents / xiii

1. The poverty concept / 1

1.1 What is poverty? / 1

1.2 A review of poverty line definitions / 15

1.3 Conclusion / 37

Notes / 41

2. The derivation of the poverty line / 43

2.1 A welfare definition of poverty / 44

2.2 Comparison with other poverty line definitions / 55

2.3 Evaluation of different definitions / 59

Notes / 65

3. Determinants of income / 67

3.1 The income concept used / 67

3.2 Determinants of individual income / 71

3.3 Participation of the partner in the labour force / 79

Notes / 82

Appendix / 83

4. Determinants of welfare parameters / 86

4.1 Determinants of the individual welfare function of income / 86

4.2 Hypotheses on the effects of socio-economic variables on μ / 95

4.3 Hypotheses on the effects of socio-economic variables on σ / 100

Notes / 102

Appendix / 103

5. Determinants of poverty / 105

5.1 Derivation of the poverty line / 106

5.2 Poverty determinants / 109

5.3 Poverty determinants for other household types / 112

5.4 Hypotheses on determinants of poverty / 114

6. The extent of poverty / 119

6.1 Introduction / 119

6.2 Axiomatic requirements / 121

6.3 Performance of various poverty indices / 125

6.4 Generalization of CHU's index / 128

6.5 Special cases of the general class of poverty indices / 132

6.6 Extensions / 136

6.7 Poverty measurement and the individual welfare function of income / 138

Notes / 141

Appendix / 142

7. Description of the data / 149

7.1 Organization / 149

7.2 Sampling methods / 150

7.3 Written questionnaires versus oral interviews / 150

7.4 Differences in questionnaires / 151

7.5 The interview / 151

7.6 Analysis of response / 152

7.7 Representativeness of the sample / 153

7.8 The use of weights in regression analysis / 156

7.9 Missing observations / 158

7.10 Measurement errors / 159

Notes / 160

Appendix / 161

8. Empirical results: differences in welfare / 167

Notes / 174

Appendix / 175

9. Empirical results: determinants of income / 180

9.1 Individual income functions for working men / 180

9.2 Individual income functions for working women / 196

9.3 Income of non-working households / 204

Notes / 211

Appendix / 212

10. Empirical results: determinants of welfare / 216

10.1 Determinants of μ / 216

10.2 Determinants of σ / 227

Notes / 231

Appendix / 232

11.	Empirical results: poverty lines and poverty determinants /	240
11.1	Poverty lines, differentiated according to household type /	240
11.2	Poverty lines in different countries /	243
11.3	The effect of children /	245
11.4	Comparison of one- and two-earner families /	247
11.5	The probability of being poor /	249
	Notes /	259
	Appendix /	260
12.	Empirical results: the extent of poverty /	264
12.1	The poverty index for concave utility functions /	264
12.2	The poverty index with the welfare function of income /	267
13.	Conclusions /	271
13.1	Derivation of poverty lines /	271
13.2	Poverty characteristics /	274
13.3	The extent of poverty /	275
13.4	Recent developments /	276
	Notes /	279
	Bibliography /	280
	Author index /	293
	Subject index /	297