

# CONTENTS

LIST OF ILLUSTRATIONS . . . . .	v
LIST OF TABLES . . . . .	vii
ACKNOWLEDGMENTS . . . . .	ix
Chapter	
I. SOME EMPIRICALLY BASED GENERALIZATIONS . . . . .	1
Introduction . . . . .	1
Complexes of Variables . . . . .	5
The product and productivity complex . . . . .	6
Population: structure, organization, quality complex . . . . .	7
Resource endowment complex . . . . .	9
Accessibility and connectivity complex . . . . .	9
External relations complex . . . . .	9
Policy Issues . . . . .	10
Food and population . . . . .	10
Energy and the "OPEC" effect . . . . .	10
Strength . . . . .	11
Cohesion . . . . .	12
Growth . . . . .	12
Dependency/autarky . . . . .	13
Need . . . . .	14
Action . . . . .	14
II. A MULTIVARIATE ANALYSIS . . . . .	17
The Factor Analysis . . . . .	17
Five Perspectives on Development . . . . .	26
Factor 1 . . . . .	27
The disaggregation of Factor 1 . . . . .	36
Factor 2 . . . . .	41
Factor 3 . . . . .	43
Factor 4 . . . . .	43
Factor 5 . . . . .	46
III. ALTERNATIVES TO CONVENTIONAL MULTIVARIATE ANALYSIS . . . . .	49
Countries as Variables . . . . .	49
The "World Standard" Development Indices . . . . .	56
Composite index (RICHDEX) . . . . .	59
Growth potential index (GROPOT) . . . . .	62

IV. WORLD PATTERNS OF SELECTED VARIABLES . . . . .	67
Map Legends . . . . .	67
Gross National Product per Capita . . . . .	67
GNP per Capita: Annual Growth, 1960-75 . . . . .	70
Agricultural Production: Annual Growth, 1960-70 . . . . .	72
Gross Domestic Investment: Annual Growth, 1965-73 . . . . .	74
Population: Annual Growth, 1965-75 . . . . .	76
Population: Proportion in Cities of 20,000 and More . . . . .	78
Energy Consumption: Commercial as Percent of Gross . . . . .	80
Energy Consumption: Commercial per Capita Growth, 1965-1975 . . . . .	83
Exports: As Proportion of GNP . . . . .	85
Exports: Concentration Index . . . . .	87
Exports: Proportion to Developed Countries . . . . .	89
V. ENVOI . . . . .	93
AN ESSAY ON MULTIVARIATE METHODOLOGY IN CROSS-NATIONAL RESEARCH	101
APPENDICES . . . . .	
A. List of Countries by Realms . . . . .	121
B. List of Variables . . . . .	127