

TABLE OF CONTENTS

Chapter

I.	RATIONALITY AND COALITION FORMATION EXPERIMENTS	1
1.1	Players and Rationality	3
1.2	Previous Research Paradigms	6
1.3	Predictability of "Rational" Play	11
1.4	Purposes of the Present Study	15
II.	EXPERIMENTAL METHOD	16
2.1	Subjects	16
2.2	Procedure	19
2.2.1	<u>The Coalitions Program</u>	19
2.2.2	Communication Order and Role Assignment	26
2.3	Experimental Games	28
III.	EXPERIMENTAL RESULTS	34
3.1	Preliminary Examinations	34
3.2	Comparisons with Previous Studies	37
3.3	Tests of the Models	44
3.3.1	The Bargaining Set $M_1^{(i)}$	46
3.3.2	The Competitive Bargaining Set $H_1^{(i)}$	51
3.3.3	The Kernel	53
3.3.4	Equal Share Analysis	54
3.4	Bargaining Process Analysis	60
3.4.1	Messages	61
3.4.2	Tracing Procedure	62
IV.	DISCUSSION AND CONCLUSIONS	67
REFERENCES		76
APPENDIX: GAME PROTOCOLS		82