

Contents

List of Tables	iii
List of Figures	v
List of Abbreviations	vii
Preface	ix
1 Single versus multiple randomization in matching mechanisms	1
1.1 Introduction	1
1.2 Theoretical framework	3
1.2.1 Deferred acceptance algorithm with randomization	3
1.2.2 Properties of the deferred acceptance algorithm with ran- domization	4
1.2.3 Efficiency in the experiment	5
1.2.4 Preference for multiple randomization	7
1.2.5 Predictions	10
1.3 Experimental design	11
1.3.1 Environment	12
1.3.2 Setup	12
1.3.3 Procedure	13
1.4 Results	14
1.4.1 Preferences for random procedures	14
1.4.2 Truthful preference revelation	15
1.4.3 Matching outcome distributions	16
1.4.4 Welfare	17
1.4.5 Mechanism behind the preference for multiple randomization	17
1.5 Discussion and conclusion	19
Appendix 1.A Tables and figures	21
Appendix 1.B Proof of Proposition 2	22
Appendix 1.C Instructions	23

2 Strategy-proofness of stochastic assignment mechanisms	31
2.1 Introduction	31
2.2 Theoretical framework and mechanisms	34
2.2.1 Simultaneous random serial dictatorship (SP-RSD)	35
2.2.2 Sequential random serial dictatorship (OSP-RSD)	35
2.2.3 Top trading cycles with random endowments (TTC)	36
2.2.4 Pareto efficiency in the experiment	37
2.2.5 Predictions	38
2.3 Experimental design	38
2.4 Results	41
2.4.1 Dominant strategy play	41
2.4.2 Misrepresentation strategies	42
2.4.3 Efficiency	43
2.4.4 Behavioral mechanisms	44
2.5 Discussion and conclusion	46
Appendix 2.A Figures	49
Appendix 2.B Instructions	50
3 Disclosure, distracted attention, and investor behavior	59
3.1 Introduction	59
3.2 Theoretical Bayesian framework	62
3.2.1 Setup	62
3.2.2 Optimal portfolio choice	63
3.2.3 Information signal	64
3.2.4 Behavioral assumptions	64
3.2.5 Experimental hypotheses	66
3.3 Experimental design	67
3.3.1 Part 1: Expectation elicitation	68
3.3.2 Part 2: Investment decision	69
3.3.3 Procedures	69
3.4 Results	70
3.4.1 Investment	70
3.4.2 Investment and familiarity	72
3.4.3 Expectations	73
3.4.4 Expected value and familiarity	73
3.4.5 Mechanism	74
3.5 Discussion and conclusion	75
Appendix 3.A Tables and figures	77
Appendix 3.B Questionnaire	78
Appendix 3.C Treatments	79
Appendix 3.D Instructions	88
References	95