

# Contents

List of Figures	viii
List of Tables	viii
Acknowledgments	xi
<b>1 Introduction and Background of the Reemployment Bonus Experiments</b>	<b>1</b>
<i>Walter A. Corson and Robert G. Spiegelman</i>	
Motivation for a Bonus Offer Program: Work Incentives in the Unemployment Insurance System	1
The Unemployment Insurance System	3
The “Stick”: UI Work Test Requirements	8
The “Carrot”	12
Bonus Offer Experiments in Illinois, Pennsylvania, and Washington	15
Overview of the Book	17
Notes	20
References	21
<b>2 Design of Three Field Experiments</b>	<b>25</b>
<i>Walter A. Corson and Robert G. Spiegelman</i>	
Introduction: What Makes an Experiment an Experiment?	25
Eligibility for Participation in the Experiments	27
Nature of the Experimental Treatments	34
Determining the Number and Allocation of Participants	40
Selection of Experimental Sites	47
Characteristics of the Environment	51
Effectiveness of the Randomization Process	56
Operations	61
The Federal Supplemental Compensation (FSC) program in Illinois: An Unplanned Experiment	68
Notes	69
References	74
<b>3 Participation in the Reemployment Bonus Experiments</b>	<b>77</b>
<i>Paul T. Decker, Christopher J. O’Leary, and Stephen A. Woodbury</i>	
Bonus Qualification, Receipt, and Take-Up Rates	78

Explaining Variations in Bonus Qualification, Receipt, and Take-Up	84
Explaining Differences among the Experiments	94
Discussion and Summary	101
Notes	103
<b>4 Bonus Impacts on Receipt of Unemployment Insurance</b>	<b>105</b>
<i>Paul T. Decker, Christopher J. O’Leary, and Stephen A. Woodbury</i>	
Treatment Impacts on Insured Unemployment	106
A Continuous Variables Model of Treatment Response	116
The Timing of Treatment Impacts	121
Impacts of the Bonus Offer on Population Subgroups	136
Summary	141
Notes	143
References	145
Appendix	147
<b>5 Impacts on Employment and Earnings</b>	<b>151</b>
<i>Paul T. Decker, Christopher J. O’Leary, and Stephen A. Woodbury</i>	
Data and Methodology	152
Employment and Earnings among Control Group Members	154
Estimated Impacts on Employment and Earnings	156
Impacts on Wages	163
Impacts on Employer and Industry Attachment	166
Conclusion	171
Notes	172
References	173
<b>6 From Social Experiment to Program</b>	<b>175</b>
<i>Carl Davidson and Stephen A. Woodbury</i>	
The Transferability Problem in the Reemployment Bonus Experiments	176
Spillover Effects, Classification Changes, and Behavioral Changes Following Adoption of a Bonus Program	185
Dislocated Workers and Exogenous Economic Factors	195
Summary and Conclusions	201
Notes	204
Appendix: A Model for Transferring Experimental Results to an External Setting	207
Appendix Notes	220
References	220

<b>7 A Benefit-Cost Analysis of a Bonus Offer Program</b>	223
<i>Robert G. Spiegelman</i>	
Introduction and Methodology	223
Identification of Benefits for a UI Bonus Offer Program	227
Identification of Costs for a UI Bonus Offer Program	229
Aggregation of the Effects and Interpretation of the Results	231
Adjustment to Benefit-Cost Estimations in the Move from Experiment to Program	240
Conclusions	244
Notes	245
References	246
<b>8 Summary and Policy Implications</b>	249
<i>Philip K. Robins</i>	
Summary of Results	249
Assessing the Experiments	257
Alternative Policies	259
Conclusions	270
Notes	272
References	273
<b>Glossary</b>	275
Unemployment Insurance Terms	275
Bonus Experiment Terms	277
Cited Author Index	279
Subject Index	281
About the Institute	295

## List of Figures

4.1 Design of the Reemployment Bonus Offers	107
4.2 Linearized Effect of the Bonus Offer on Benefit Year UI Weeks	122
4.3 Cumulative UI Exit Rates by Treatment and Control Groups	129
4.4 Sample Treatment Impacts on Cumulative UI Exit Rates	132
6A.1 Groups of Unemployed Workers Considered in the Model	209
6A.2 Labor Market Flows in the Model	211
8.1 Results of the Washington and Pennsylvania Experiments	254

## List of Tables

2.1 Eligibility Conditions for Participation in the Experiments	30
2.2 UI and Bonus Eligibility for Workers Expecting Recall	33
2.3 Bonus and Qualification Period Structure of the Three Bonus Experiments	36
2.4 Sample Sizes for Treatment Group	44
2.5 Characteristics of the Illinois, Pennsylvania, and Washington States in Selected Years	52
2.6 Characteristics of Control Group Members in the Three Experiments	55
2.7 Tests of Randomization in the Pennsylvania Experiment, Control and Six Treatment Group Means	58
2.8 Tests of Randomization in the Washington Experiment, Control and Six Treatment Group Means	59
2.9 Tests of Randomization in the Illinois Experiment, Control and Treatment Group Means	60
2.10 Participation in the Three Experiments	67
3.1 Reemployment Bonus Qualification, Receipt, and Take-Up Rates, by Treatment Group	79
3.2 Linear Probability Models of Partial Qualification, Bonus, Receipt, and Bonus Take-Up	86
3.3 Actual and Simulated Partial Qualification, Bonus Receipt, and Bonus Take-Up Rates	97

4.1 Unadjusted Differences between Experimental and Control Group Means in the Illinois, Pennsylvania, and Washington Reemployment Bonus Experiments	109
4.2 Adjusted Differences between Experimental and Control Group Means in the Illinois, Pennsylvania, and Washington Reemployment Bonus Experiments	114
4.3 Continuous Variables Models of Bonus Impacts	118
4.4 The Predicted Impact of Four Hypothetical Bonus Offers on UI Receipt, Based on a Continuous Variables Model Estimated on the Pooled Pennsylvania, Washington, and Illinois Data	120
4.5 Cumulative Hazard Rates for Leaving Unemployment Insurance	124
4.6 Impacts of the Treatments on UI Receipt by Subgroup	138
A4.1 Regression-Adjusted Treatment Impact Equations	149
5.1 Mean Employment and Earnings among Control Groups	155
5.2 Estimated Impacts of the Bonus Offers on Probability of Employment	157
5.3 Estimated Impacts of the Bonus Offers on Earnings	159
5.4 Estimated Impacts of the Bonus Offers on Earnings among Reemployed Claimants	165
5.5 Estimated Impacts on the Probability of Return to Previous Employer	168
5.6 Estimated Impacts on the Probability of Return to Previous Two-Digit Industry	170
6.1 Transferability Problems and Features of the Model that Allow Them to Be Analyzed	178
6.2 Changes in Employment and in Duration of Unemployment Resulting from a \$500 Reemployment Bonus	189
6.3 Changes in Employment and in Duration of Unemployment Resulting from a \$500 Reemployment Bonus Offered Only to Dislocated Workers	197
7.1 Reemployment Bonus Benefits and Costs by Perspective	225
7.2 Benefit-Cost Analysis for Washington Treatments, Four Quarters of Earnings	234
7.3 Benefit-Cost Analysis for Illinois Treatments, Four Quarters of Earnings	236
7.4 Benefit-Cost Analysis for Pennsylvania Treatments, Four Quarters of Earnings	237

7.5	Benefit-Cost Analysis for Hypothetical Treatments, Four Quarters of Earnings	239
7.6	Benefit/Cost of Hypothetical Treatment (6 weeks/\$500) with Additional UI and Bonus Take-Up	242
7.7	Benefit/Cost of Hypothetical Treatment (6 weeks/\$500) with Additional UI and Bonus Take-Up and Crowding Out	244
7A.1	Administrative Costs for an Ongoing Bonus Offer Program	247
8.1	Summary of Findings from the UI Bonus Experiments	251
8.2	Net Annual Benefits per Claimant under a Hypothetical National Program	256
8.3	Summary of Findings from the Canadian UI Earnings Supplement Project (ESP) Experiment	262
8.4	Summary of Findings from U.S. UI Sanctioning Experiments	265
8.5	Summary of Findings from the Washington Alternative Work-Search Experiment, 1986–1988	266
8.6	Simulated Net Benefits under Worker Profiling, Pennsylvania and Washington UI Experiments	268