This ambitious book looks “behind the model” to reveal how economists use formal models to generate insights into the economy. Drawing on recent work in the philosophy of science and economic methodology, the book presents a novel framework for understanding the logic of economic modeling. It also reveals the ways in which economic models can mislead rather than illuminate. Importantly, the book goes beyond purely negative critique, proposing a concrete program of methodological reform to better equip economists to detect potential mismatches between their models and the targets of their inquiry. Ranging across economics, philosophy, and social science methods, and drawing on a variety of examples, including the recent financial crisis, Behind the Model will be of interest to anyone who has wondered how economics works – and why it sometimes fails so spectacularly.

Peter Spiegler is Assistant Professor of Economics at the University of Massachusetts, Amherst.
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Behind the Model

A Constructive Critique of Economic Modeling

Peter Spiegler

University of Massachusetts, Amherst
To David, Joyce, Lee, Benjamin and Miriam
# Contents

<table>
<thead>
<tr>
<th>Acknowledgments</th>
<th>page ix</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction</td>
<td>1</td>
</tr>
</tbody>
</table>

## Part I  
**A constructive critique of common modeling practice**  

1. **Models and modeling**  
1.1 The fallacies of the instrumental-positive standard  
1.2 Introducing the pragmatic account  
1.3 A closer look at representation  
1.4 Completing the pragmatic account  
    Conclusion  

2. **The use of mathematics in theoretical modeling**  
2.1 Mathematical modeling: a four-part process  
2.2 Mathematical models as metaphors  
2.3 The presuppositions of mathematical modeling  
    Conclusion  

3. **The use of mathematics in empirical modeling**  
3.1 Introducing empirical modeling  
3.2 The analysis extended  
3.3 Empirical modeling exercises using actively generated data  
    Conclusion  

## Part II  
**The critique applied**  

4. **The New, New Institutional Economics**  
4.1 Introducing NNIE
4.2 An analysis of NNIE methodology 99
4.3 NNIE and the denaturing of institutions 114
   Conclusion 116
   Appendix 4.1 The formal model of Acemoglu and Robinson (2006) 117
   Appendix 4.2 Supplementary information for solution phase statements of
   Acemoglu and Robinson (2006) and Glaeser and Shleifer (2003) 118

5 The financial crisis and economics 119
  5.1 Macroeconomics, dynamic stochastic general equilibrium models, and the
      financial crisis 120
  5.2 The financial crisis: What was known? What was knowable? 127
  5.3 The post-crisis reform debate 132
      Conclusion 141

Part III A reform proposal 143

6 Why reform? 145
  6.1 The problem 145
  6.2 Why reform is necessary 149
      Conclusion 163

7 A reform proposal 165
  7.1 Hermeneutics and social categories of meaning 166
  7.2 A new field of economics 173
  7.3 Ways forward 191
      Conclusion 193
      Appendix 7.1 State Budget Officer Questionnaire from Marglin
      and Spiegler (2014) 194

      Conclusion 195

References 202
Index 216
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