

Stefan Felder • Thomas Mayrhofer

# Medical Decision Making

A Health Economic Primer

 Springer

# Overview

|           |                                                       |            |
|-----------|-------------------------------------------------------|------------|
| <b>1</b>  | <b>Introduction</b>                                   | <b>1</b>   |
| <b>2</b>  | <b>Basic Tools in Medical Decision Making</b>         | <b>7</b>   |
| <b>3</b>  | <b>Expected Utility, Risk Aversion and Prudence</b>   | <b>21</b>  |
| <b>4</b>  | <b>Treatment Decisions Without Diagnostic Tests</b>   | <b>41</b>  |
| <b>5</b>  | <b>Treatment Decisions with Diagnostic Tests</b>      | <b>61</b>  |
| <b>6</b>  | <b>Treatment Decisions Under Comorbidity Risk</b>     | <b>83</b>  |
| <b>7</b>  | <b>Optimal Strategy for Multiple Diagnostic Tests</b> | <b>99</b>  |
| <b>8</b>  | <b>The Optimal Cutoff Point of a Diagnostic Test</b>  | <b>121</b> |
| <b>9</b>  | <b>A Test's Total Value of Information</b>            | <b>143</b> |
| <b>10</b> | <b>Valuing Health and Life</b>                        | <b>161</b> |
| <b>11</b> | <b>Conclusion</b>                                     | <b>191</b> |
|           | <b>References</b>                                     | <b>193</b> |
|           | <b>Index</b>                                          | <b>197</b> |