



The Benefit-Cost Analysis Reference Case: What It Is and How to Use It

Introductions and Overview

Lisa A. Robinson

Center for Health Decision Science and Center for Risk Analysis
Harvard T.H. Chan School of Public Health

International Health Economics Association
Pre-Congress Workshop

July 14, 2019

Contents

- Introductions
- Plan for Today
- Guidelines Overview

Monday lunch (noon-13:30): informal discussion at hospital lunch venue.



Introductions

Presenters



- **David Wilson**, Bill & Melinda Gates Foundation



- **Lisa A. Robinson**, Harvard T.H. Chan School of Public Health

- **Joseph Cook**, Washington State University




- **Thomas Wilkinson**, University of Cape Town



Plan for Today

- Introduce new guidelines for benefit-cost analysis.
- Funded by the Bill & Melinda Gates Foundation.



Reference Case Guidelines for
Benefit-Cost Analysis in Global Health and
Development

Lisa A. Robinson, James K. Hammitt, Michele Cecchini, Kalipso Chalkidou, Karl Claxton, Maureen Cropper, Patrick Hoang-Vu Eozenou, David de Ferranti, Anil B. Deolalikar, Frederico Guanais, Dean T. Jamison, Soonman Kwon, Jeremy A. Lauer, Lucy O'Keeffe, Damian Walker, Dale Whittington, Thomas Wilkinson, David Wilson, and Brad Wong*

May 2019

Available at: <https://sites.sph.harvard.edu/bcaguidelines/>

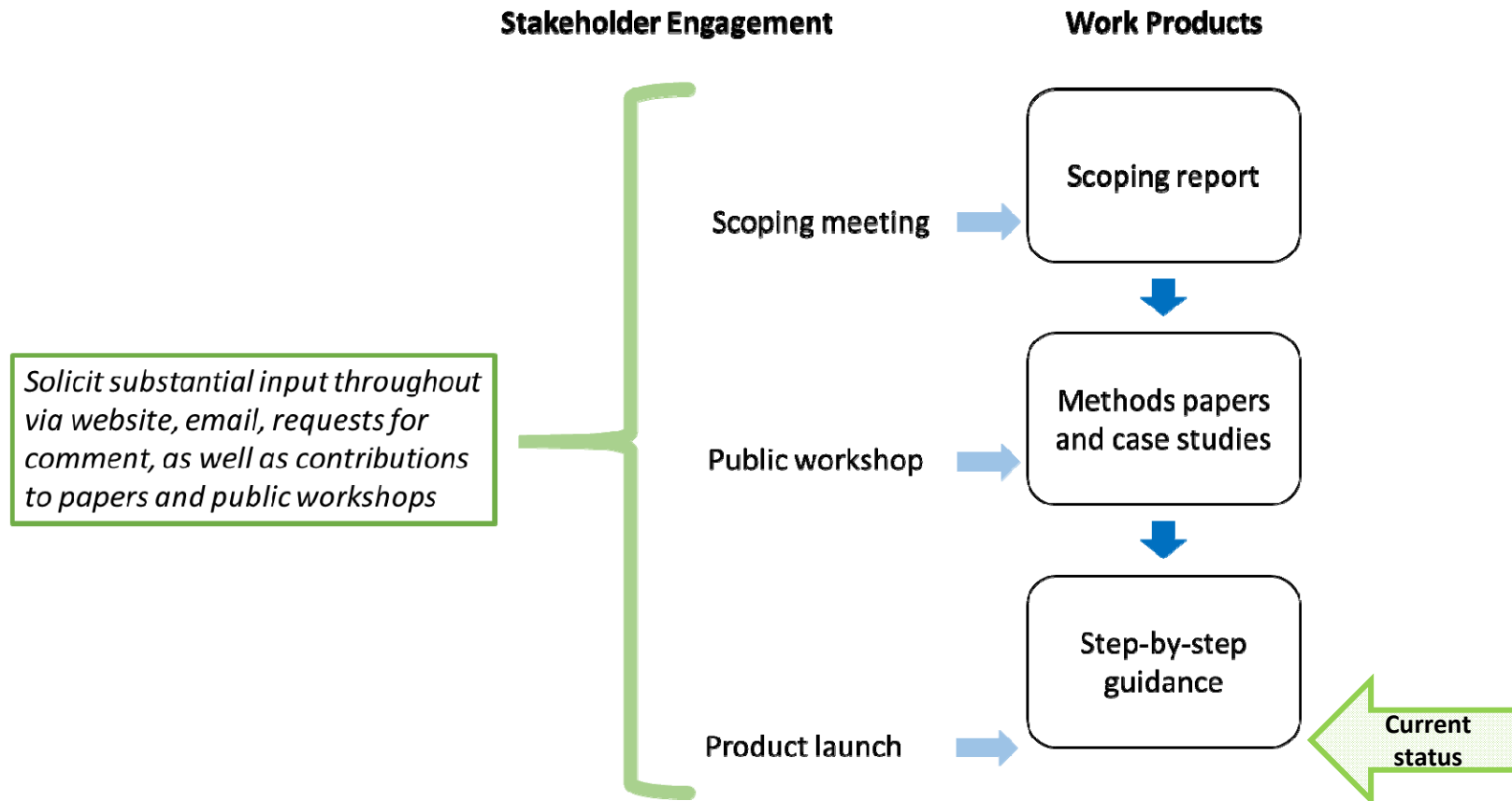
Plan for Today

13:00-13:10	Introductions and Overview (Lisa A. Robinson)
13:10-13:30	Reference Case Purpose and Goals (David Wilson)
13:30-14:00	Concepts and Framework (Lisa A. Robinson)
14:00-14:45	Valuing Statistical Lives (Lisa A. Robinson)
14:45-15:00	Break
15:00-15:45	Sanitation Case Study (Joseph Cook)
15:45-16:30	Tuberculosis Case Study (Thomas Wilkinson)
16:30	Wrap up

Guidelines Overview

- **Goals:** Increase the comparability of benefit-cost analyses, improve their quality, and expand their use.
 - Focus on improving health and development in low- and middle-income countries.
 - Include policies implemented both within and outside of the health care sector.
- **Objectives:** Expand the existing iDSI Reference Case to address benefit-cost analysis.
- **iDSI Reference Case:**
 - Includes principles, methodological specifications, and reporting standards.
 - Provides general framework for all types of economic evaluation.
 - Also addresses the conduct of cost-effectiveness analysis.

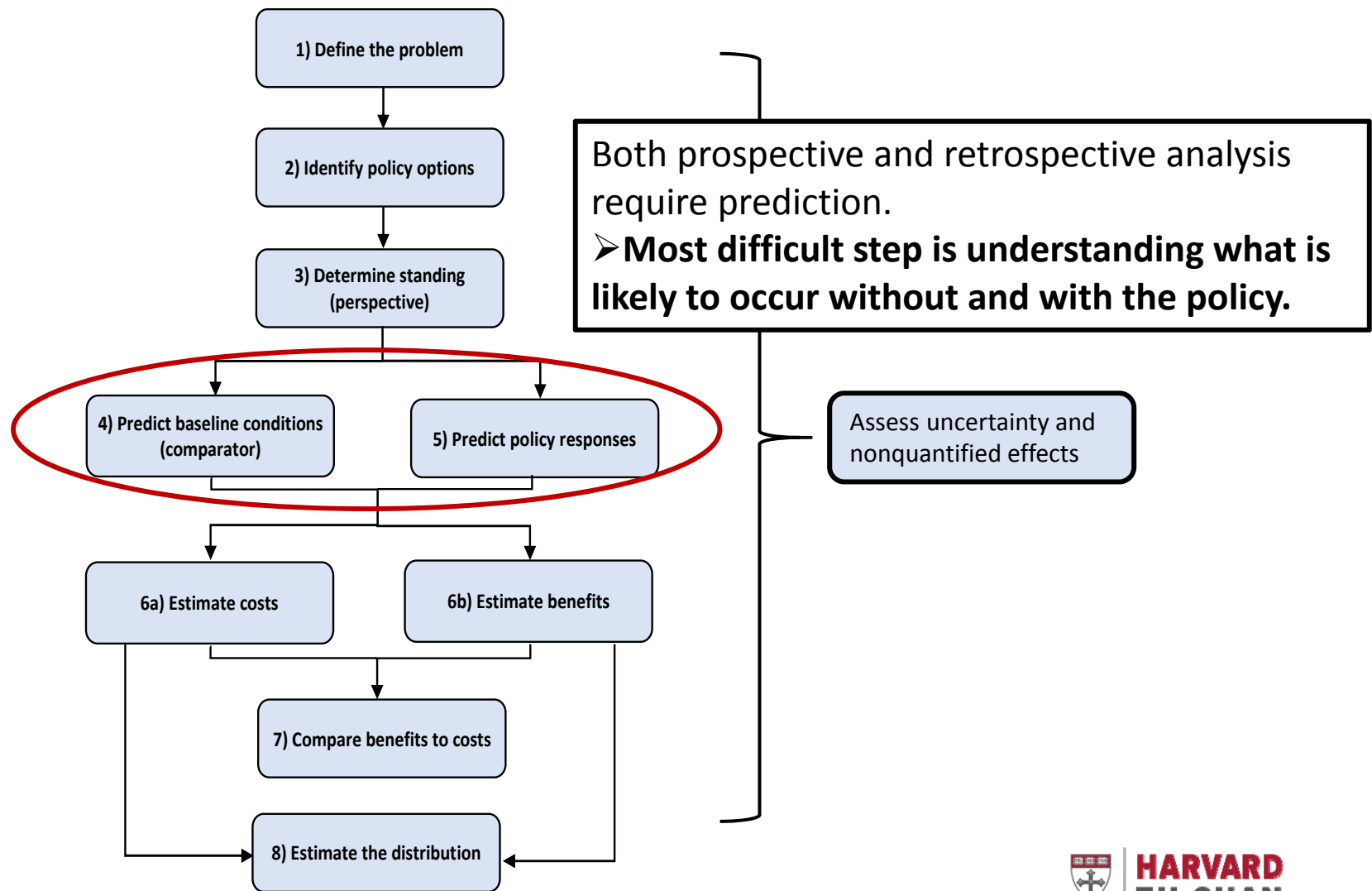
Guidelines Overview



Next?

- **October 22, 2019 Washington, DC workshop.**
- More outreach, technical assistance, primary research, data synthesis, illustrative case studies, guidance enhancements...?

Guidelines Overview

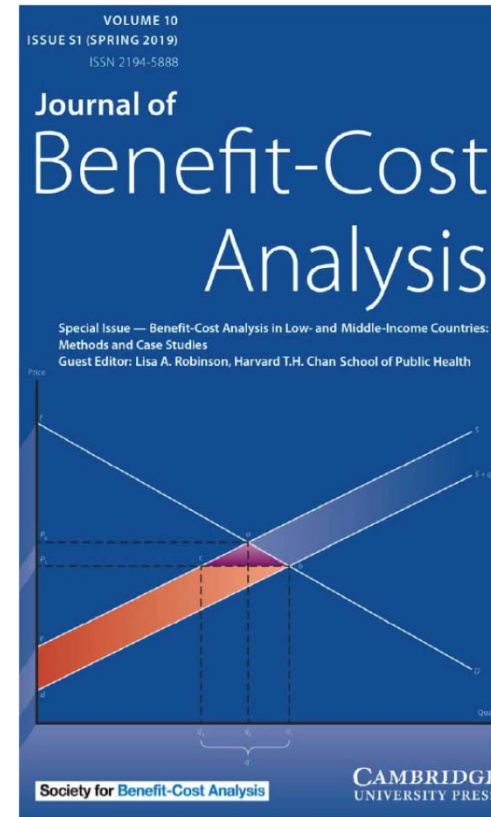


Guidelines Overview

Methods Papers and Case Studies

*Journal of Benefit-Cost Analysis**

- [Introduction](#)
- [Valuing mortality risk reductions](#)
- [Valuing changes in time use](#)
- [Accounting for timing](#)
- [Valuing financial risk protection](#)
- [Tuberculosis case study](#)
- [Nutrition case study](#)
- [Air pollution case study](#)
- [Education case study](#)



* <https://www.cambridge.org/core/journals/journal-of-benefit-cost-analysis>

Guidelines Overview

Methods Papers and Case Studies

Additional Working Papers

- Methods
 - [Valuing Nonfatal Health Risk Reductions](#)
 - [Assessing Economy-wide Effects](#)
 - [Assessing Distribution](#)
- Case Studies
 - [Water Resources and Environmental Management](#)
 - [Community-Led Total Sanitation](#)



Guidelines Overview

Table of Contents

1. Introduction
 2. General Approach
 3. Comparing Values Across Countries and Over Time
 4. Valuing Mortality Risk Reductions
 5. Valuing Nonfatal Health Risk Reductions
 6. Valuing Changes in Time Use
 7. Assessing the Distribution of the Impacts
 8. Accounting for Uncertainty and Nonquantifiable Impacts
 9. Summarizing and Presenting the Results
- Glossary, References, Appendices



Thank you!

Please visit us at
<https://sites.sph.harvard.edu/bcaguidelines/>