Assessing value

- **Decisions**
  - Medical technologies
  - Service delivery
  - Prevention
  - System infrastructure
  - …

- **Benefits**
  - Those experiencing positive effects

- **Additional costs**
  - Forgone opportunity to benefit others
Defining benefits

<table>
<thead>
<tr>
<th>Changes in health</th>
<th>Whose health?</th>
<th>Non-health</th>
<th>Broader</th>
</tr>
</thead>
<tbody>
<tr>
<td>Survival duration</td>
<td>Rare disease</td>
<td>Other sectors</td>
<td>Environmental</td>
</tr>
<tr>
<td>Quality of life</td>
<td>Severe disease</td>
<td>Carer wellbeing</td>
<td>Productivity</td>
</tr>
</tbody>
</table>

Defining a benefit function

- What’s in the function?
- How do we make trade-offs

Health | Health | Environment

Environment
Making progress

- Who determines benefit function?
  - Health system
  - Wider government

- Role for environmental targets for health system
  - Doesn’t deal with trade-offs

- Stronger government regulation
  - Internalise environmental costs on health system

- Evidential challenges

May be dominance

<table>
<thead>
<tr>
<th>Environmental impact</th>
<th>Net health benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dominance</td>
</tr>
<tr>
<td>- Reduction in system costs</td>
<td></td>
</tr>
<tr>
<td>- Improves health</td>
<td></td>
</tr>
</tbody>
</table>
Thank you!

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