Studies Reviewed in Part II


Procedure for selecting studies

We conducted a literature search on the following databases: PsychInfo (journal and books) from 1935 to July 1999, Social Sciences Citation Index from 1973 to July 1999, Sociofile from 1974 to July 1999 and EconLit from 1969 to July 1999. Entries were first selected if they contained one or more of the following keywords: representative design, probabilistic functionalism, social judg(e)ment theory, lens model, judg(e)ment analysis and policy capturing. Second, we analyzed the contents of each abstract in more detail looking for keywords such as: subjects, participants, study, method, procedure, empirical, data, findings, and results. This procedure identified entries containing empirical studies. We discarded entries that were not empirical studies; that were empirical studies reporting on data but not presenting the methods and data (the majority were abstracts of unpublished dissertations); that were empirical studies in which cues were not combined to create stimuli but where participants simply ranked, rated or did paired comparisons of the cues; that were empirical studies on policy learning or policy feedback; that were studies from the field of visual perception (elicited by the lens model keyword) and studies on Sheriff and Hovland’s social judgment theory. There were also numerous repeats between databases, which were discarded. This second stage of searching yielded a total of 130 entries, reporting on 143 empirical studies (some entries reported more than one study).

The introduction and method section of each study was content analyzed using a structured coding scheme, which is summarized below.
## Summary of coding scheme

<table>
<thead>
<tr>
<th>Category</th>
<th>Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intellectual tradition</td>
<td>Did researchers cite Brunswik’s articles on probabilistic functionalism and representative design, or Hammond’s work on the development of social judgment theory and representative design? Did researchers cite the literature involved in the development of the judgment analysis or policy-capturing techniques?</td>
</tr>
<tr>
<td>Scope of analysis</td>
<td>Did researchers study achievement and/or agreement?</td>
</tr>
<tr>
<td>Stimuli presented</td>
<td>Did researchers use real or constructed cases?</td>
</tr>
<tr>
<td>Substantive situational sampling</td>
<td>How were the real cases sampled?</td>
</tr>
<tr>
<td>Formal situational sampling</td>
<td>How was the task analysis conducted?</td>
</tr>
<tr>
<td></td>
<td>What task information was discovered?</td>
</tr>
<tr>
<td></td>
<td>How were cues combined to form cases?</td>
</tr>
<tr>
<td></td>
<td>How were cues coded?</td>
</tr>
<tr>
<td></td>
<td>Did researchers claim the task to be realistic?</td>
</tr>
<tr>
<td>Participants</td>
<td>Who were the participants?</td>
</tr>
<tr>
<td></td>
<td>Were they experienced with the task?</td>
</tr>
<tr>
<td></td>
<td>Did researchers claim the task to be relevant to participants?</td>
</tr>
<tr>
<td>Dependent measures</td>
<td>What was the dependent variable?</td>
</tr>
<tr>
<td></td>
<td>How was it measured?</td>
</tr>
<tr>
<td>Other information</td>
<td>What was the judgment domain studied?</td>
</tr>
<tr>
<td></td>
<td>What methods and procedures were used to collect data?</td>
</tr>
</tbody>
</table>
Citations


