Table 6.1. Overview of model diagnostics and sensitivity analyses used to evaluate the Dam Impact Analysis Model, including a description of the analysis or input, how the input was varied, and values tested in the Base Case and Recovery scenarios. Model diagnostics and sensitivity analyses are divided into sections based on how model inputs were varied.

<table>
<thead>
<tr>
<th>Description</th>
<th>Vary By</th>
<th>Base Case</th>
<th>Recovery</th>
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<tbody>
<tr>
<td>Number of iterations</td>
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<td>Model stability</td>
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<td>Production potential cap</td>
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<tr>
<td>Eggs per female</td>
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<tr>
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<td>Initial number of adults</td>
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<tr>
<td>Number of smolts stocked</td>
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<td>Proportion returning to sea</td>
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<tr>
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<tr>
<td></td>
<td>Marine survival * 0.5</td>
<td>multiplier</td>
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</tr>
<tr>
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<tr>
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<td>-5%</td>
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<td>-5%</td>
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<td>base</td>
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<td>RulesX2</td>
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<td>evenly dist</td>
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