Appendix 4

This appendix was part of the submitted manuscript and has been peer reviewed. It is posted as supplied by the authors.

### Appendix 4

**Summary of projected major outcomes by modelled implementation scenario and sensitivity analysis, 2015-2055**

<table>
<thead>
<tr>
<th></th>
<th>Current</th>
<th>Slow</th>
<th>Annual</th>
<th>Multiple</th>
<th>5year</th>
<th>Sensitivity Analysis (60% participation)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Slow (60)</td>
</tr>
<tr>
<td><strong>Total number of deaths prevented</strong></td>
<td>35,169</td>
<td>60,871</td>
<td>66,930</td>
<td>67,961</td>
<td>70,038</td>
<td>69,520</td>
</tr>
<tr>
<td><strong>Average number of deaths prevented per year</strong></td>
<td>879</td>
<td>1522</td>
<td>1673</td>
<td>1699</td>
<td>1750</td>
<td>1738</td>
</tr>
<tr>
<td><strong>Total number of colonoscopies per scenario</strong></td>
<td>2,275,054</td>
<td>4,218,449</td>
<td>4,713,117</td>
<td>4,803,501</td>
<td>4,919,566</td>
<td>5,178,748</td>
</tr>
<tr>
<td><strong>Number of colonoscopies per death prevented</strong></td>
<td>65</td>
<td>69</td>
<td>70</td>
<td>71</td>
<td>70</td>
<td>74</td>
</tr>
<tr>
<td><strong>Additional deaths prevented compared to Current</strong></td>
<td>-</td>
<td>25,702</td>
<td>31,761</td>
<td>32,792</td>
<td>34,869</td>
<td>34,351</td>
</tr>
<tr>
<td><strong>Average additional deaths prevented per year compared to Current</strong></td>
<td>-</td>
<td>643</td>
<td>794</td>
<td>820</td>
<td>872</td>
<td>859</td>
</tr>
<tr>
<td><strong>Additional colonoscopies compared to Current (%increase)</strong></td>
<td>-</td>
<td>1,943,363 (85%)</td>
<td>2,438,180 (107%)</td>
<td>2,528,560 (111%)</td>
<td>2,644,779 (116%)</td>
<td>2,903,694 (128%)</td>
</tr>
<tr>
<td><strong>Additional deaths prevented compared to Slow</strong></td>
<td>-</td>
<td>-</td>
<td>6059</td>
<td>7091</td>
<td>9167</td>
<td>-</td>
</tr>
<tr>
<td><strong>Average additional deaths prevented per year compared to Slow</strong></td>
<td>-</td>
<td>-</td>
<td>151</td>
<td>177</td>
<td>229</td>
<td>-</td>
</tr>
<tr>
<td><strong>Additional colonoscopies compared to Slow (%increase)</strong></td>
<td>-</td>
<td>-</td>
<td>494,817 (12%)</td>
<td>585,197 (14%)</td>
<td>701,416 (17%)</td>
<td>-</td>
</tr>
<tr>
<td><strong>Additional deaths prevented compared to Slow (60%)</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Average additional deaths prevented per year compared to Slow (60%)</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Additional colonoscopies compared to Slow (60%) (%increase)</strong></td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1,006,13 (35%)</td>
</tr>
</tbody>
</table>