Supplementary Material

Supplementary Table S1: The 95%, 98% and 99% control performance limits of the number of fixations for each location tested obtained from the control group.

<table>
<thead>
<tr>
<th>Eccentricity (degrees)</th>
<th>Number of Fixations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>p = 95% control</td>
</tr>
<tr>
<td></td>
<td>performance limits</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Horizontal</td>
<td>Vertical</td>
</tr>
<tr>
<td>-6</td>
<td>0</td>
</tr>
<tr>
<td>-4.24</td>
<td>-4.24</td>
</tr>
<tr>
<td>-4.24</td>
<td>4.24</td>
</tr>
<tr>
<td>-4</td>
<td>0</td>
</tr>
<tr>
<td>-2.83</td>
<td>-2.83</td>
</tr>
<tr>
<td>-2.83</td>
<td>2.83</td>
</tr>
<tr>
<td>-2</td>
<td>0</td>
</tr>
<tr>
<td>-1.41</td>
<td>-1.41</td>
</tr>
<tr>
<td>-1.41</td>
<td>1.41</td>
</tr>
<tr>
<td>0</td>
<td>-6</td>
</tr>
<tr>
<td>0</td>
<td>-4</td>
</tr>
<tr>
<td>0</td>
<td>-2</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>1.41</td>
<td>-1.41</td>
</tr>
<tr>
<td>1.41</td>
<td>1.41</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>2.83</td>
<td>-2.83</td>
</tr>
<tr>
<td>2.83</td>
<td>2.83</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>4.24</td>
<td>-4.24</td>
</tr>
<tr>
<td>4.24</td>
<td>4.24</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
</tr>
</tbody>
</table>
Supplementary Table S2. The median number of fixations made to locate target across the 25 locations for n = 2 by the glaucoma participants (N = 20).

<table>
<thead>
<tr>
<th>Eccentricity (degrees)</th>
<th>Median number of fixations</th>
</tr>
</thead>
<tbody>
<tr>
<td>-6</td>
<td>0</td>
</tr>
<tr>
<td>-4.24</td>
<td>-4.24</td>
</tr>
<tr>
<td>-4.24</td>
<td>4.24</td>
</tr>
<tr>
<td>-4</td>
<td>0</td>
</tr>
<tr>
<td>-2.83</td>
<td>-2.83</td>
</tr>
<tr>
<td>-2.83</td>
<td>2.83</td>
</tr>
<tr>
<td>-2</td>
<td>0</td>
</tr>
<tr>
<td>-1.41</td>
<td>-1.41</td>
</tr>
<tr>
<td>-1.41</td>
<td>1.41</td>
</tr>
<tr>
<td>0</td>
<td>-6</td>
</tr>
<tr>
<td>0</td>
<td>-4</td>
</tr>
<tr>
<td>0</td>
<td>-2</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>1.41</td>
<td>-1.41</td>
</tr>
<tr>
<td>1.41</td>
<td>1.41</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>2.83</td>
<td>-2.83</td>
</tr>
<tr>
<td>2.83</td>
<td>2.83</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>4.24</td>
<td>-4.24</td>
</tr>
<tr>
<td>4.24</td>
<td>4.24</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
</tr>
</tbody>
</table>
Supplementary Table S3. Measured proportion of correct across the 25 locations for the glaucoma participants (N = 20).

<table>
<thead>
<tr>
<th>Eccentricity (degrees)</th>
<th>Proportion Correct (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>-6</td>
<td>0</td>
</tr>
<tr>
<td>-4.24</td>
<td>-4.24</td>
</tr>
<tr>
<td>-4.24</td>
<td>4.24</td>
</tr>
<tr>
<td>-4</td>
<td>0</td>
</tr>
<tr>
<td>-2.83</td>
<td>-2.83</td>
</tr>
<tr>
<td>-2.83</td>
<td>2.83</td>
</tr>
<tr>
<td>-2</td>
<td>0</td>
</tr>
<tr>
<td>-1.41</td>
<td>-1.41</td>
</tr>
<tr>
<td>-1.41</td>
<td>1.41</td>
</tr>
<tr>
<td>0</td>
<td>-6</td>
</tr>
<tr>
<td>0</td>
<td>-4</td>
</tr>
<tr>
<td>0</td>
<td>-2</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>1.41</td>
<td>-1.41</td>
</tr>
<tr>
<td>1.41</td>
<td>1.41</td>
</tr>
<tr>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>2.83</td>
<td>-2.83</td>
</tr>
<tr>
<td>2.83</td>
<td>2.83</td>
</tr>
<tr>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td>4.24</td>
<td>-4.24</td>
</tr>
<tr>
<td>4.24</td>
<td>4.24</td>
</tr>
<tr>
<td>6</td>
<td>0</td>
</tr>
</tbody>
</table>