**Online supplemental material, Appendix 1: Fit to the Rach model, per subscale**

<table>
<thead>
<tr>
<th>Consistency of interests</th>
<th>Outfit MSQ</th>
<th>Infit MSQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item 1</td>
<td>1.041</td>
<td>1.024</td>
</tr>
<tr>
<td>Item 3</td>
<td>1.153</td>
<td>0.966</td>
</tr>
<tr>
<td>Item 5</td>
<td>0.789</td>
<td>0.838</td>
</tr>
<tr>
<td>Item 7</td>
<td>1.002</td>
<td>0.961</td>
</tr>
<tr>
<td>Item 9</td>
<td>0.745</td>
<td>0.848</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perseverance of effort</th>
<th>Outfit MSQ</th>
<th>Infit MSQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item 2</td>
<td>0.875</td>
<td>0.888</td>
</tr>
<tr>
<td>Item 4</td>
<td>1.017</td>
<td>1.041</td>
</tr>
<tr>
<td>Item 6</td>
<td>0.996</td>
<td>1.005</td>
</tr>
<tr>
<td>Item 8</td>
<td>0.757</td>
<td>0.808</td>
</tr>
<tr>
<td>Item 10</td>
<td>1.116</td>
<td>1.117</td>
</tr>
</tbody>
</table>

*Legend: MSQ = Mean sum of squares. Infit and outfit statistics within the range of 0.5 - 1.5 indicate that an item effectively contributes to the latent construct the instrument purports to measure.*