1 Supplementary Materials

Figure 1: Distribution of waiting time from referral to new appointment including outliers and small categories.
Figure 2: Distribution of waiting time from referral to new appointment after removing patients referred on a 2 week pathway for suspected CNS cancer or a first seizure.
<table>
<thead>
<tr>
<th></th>
<th>Seizure/Epilepsy</th>
<th>Psychological/Functional</th>
<th>Movement Disorders</th>
<th>Peripheral nerve/neuromuscular</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headache (all)</td>
<td>2.0 × 10^{−9} *</td>
<td>0.15</td>
<td>1.3 × 10^{−4} *</td>
<td>4.4 × 10^{−3}</td>
</tr>
<tr>
<td>Seizure/Epilepsy</td>
<td>1.9 × 10^{−7} *</td>
<td></td>
<td>3.6 × 10^{−14} *</td>
<td>2.0 × 10^{−10} *</td>
</tr>
<tr>
<td>Psychological/Functional</td>
<td></td>
<td></td>
<td>3.3 × 10^{−3}</td>
<td>0.05</td>
</tr>
<tr>
<td>Movement Disorders</td>
<td></td>
<td></td>
<td></td>
<td>0.41</td>
</tr>
</tbody>
</table>

Table 1: P-values from pairwise Kolmogorov-Smirnov tests of the empirical cumulative distributions of waiting time for the 5 most common diagnostic categories. *indicates statistical significance at alpha = 0.05 using Bonferroni corrections for multiple testing.