S3 Table. Details of closed-loop prosthetic hand control.

<table>
<thead>
<tr>
<th>Subject</th>
<th>Decoding of movement type</th>
<th>Detection of movement onset</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td># of correct movements</td>
<td># of total movements</td>
<td>TP</td>
</tr>
<tr>
<td>1</td>
<td>10</td>
<td>12</td>
<td>15</td>
</tr>
<tr>
<td>2</td>
<td>13</td>
<td>18</td>
<td>17</td>
</tr>
<tr>
<td>3</td>
<td>10</td>
<td>13</td>
<td>14</td>
</tr>
<tr>
<td>4</td>
<td>11</td>
<td>21</td>
<td>16</td>
</tr>
<tr>
<td>5</td>
<td>6</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>6</td>
<td>11</td>
<td>14</td>
<td>14</td>
</tr>
</tbody>
</table>

TP: true positive, TN: true negative, FP: false positive, FN: false negative for onset detection; p-value: p-value of one-sided Fisher’s exact test.