### Supplementary Table 4. Spearman rank correlation between manual muscle strength and fat fraction of the relevant muscles

<table>
<thead>
<tr>
<th>Muscle</th>
<th>Spearman rank correlation</th>
<th>p-value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wrist flexor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Forearm-ventral</td>
<td>0.147</td>
<td>0.616</td>
</tr>
<tr>
<td>Wrist extensor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Forearm-dorsal</td>
<td>-0.203</td>
<td>0.487</td>
</tr>
<tr>
<td>Knee extensor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Thigh-anterior</td>
<td>-0.265</td>
<td>0.359</td>
</tr>
<tr>
<td>Knee flexor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Thigh-posterior</td>
<td>-0.010</td>
<td>0.974</td>
</tr>
<tr>
<td>Hip adductor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Thigh-medial</td>
<td>-0.118</td>
<td>0.687</td>
</tr>
<tr>
<td>Ankle dorsiflexor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Calf-anterior</td>
<td>0.362</td>
<td>0.204</td>
</tr>
<tr>
<td>Ankle plantar flexor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Calf-deep posterior</td>
<td>-0.203</td>
<td>0.487</td>
</tr>
<tr>
<td>Ankle plantar flexor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Calf-superficial posterior</td>
<td>-0.426</td>
<td>0.129</td>
</tr>
</tbody>
</table>