**Supplementary Table 3. Comparison between Leckman et al.'s\textsuperscript{10} and the present study**

<table>
<thead>
<tr>
<th></th>
<th>Leckman et al.'s\textsuperscript{10}</th>
<th>Present study</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of participants</td>
<td>$n = 135$</td>
<td>$n = 291$</td>
</tr>
<tr>
<td>Age, yr</td>
<td>Range: 8–71</td>
<td>Adults only, range: 18–65</td>
</tr>
<tr>
<td></td>
<td>Mean = 31</td>
<td>Median age = 26–35</td>
</tr>
<tr>
<td>Inclusion criteria</td>
<td>Pre-diagnosed “tic disorder”</td>
<td>Confirmed diagnosis of a primary chronic tic disorder according to self-declaration</td>
</tr>
<tr>
<td>Data collection</td>
<td>Paper-based questionnaires sent by mail ($n = 327$) and distributed at the study center ($n = 36$), follow-up phone calls</td>
<td>Anonymous Online-Survey Recruitment via study center and cooperating TS centers in Germany and TS advocacy groups $n = 308$ patients completed the survey</td>
</tr>
<tr>
<td>Number of tics considered for analyzing PU localization</td>
<td>$n = 8$ predefined “most common tics” including $n = 5$ motor tics and $n = 3$ vocal tics</td>
<td>Comprehensive tic list based on tic assessments and clinical experience including $n = 56$ tics ($n = 36$ motor tics and $n = 20$ vocal tics)</td>
</tr>
<tr>
<td>Method used to identify PU localization</td>
<td>Paper-pencil based markings PUs for all tics were marked in one single body image</td>
<td>Computer-based markings Use of same body image as in Leckman et al.’s\textsuperscript{10} study PUs were marked for each tic in a separate body image</td>
</tr>
</tbody>
</table>
| Most frequent localizations of PUs\textsuperscript{*} | 1. Left palm  
2. Right shoulder blade  
3. Right palm  
4. Left shoulder  
5. Left shoulder blade  
6. Midline abdomen  
7. Throat  
8. Right shoulder  
9. Back of right hand  
10. Front of right thigh  
11. Front of right foot  
12. Back of left hand  
13. Inside of right upper arm/front of left thigh/left eye  
14. Right eye | 1. Cheeks  
2. Forehead  
3. Throat  
4. Mouth  
5. Neck  
6. Back of the head  
7. Shoulders  
8. Chin  
9. Eyes  
10. Chest  
11. Ears  
12. Abdomen  
13. Nose  
14. Back  
15. Arms  
16. Hands  
17. Pelvis  
18. Feet; Legs |

PU, premonitory urge; TS, Tourette syndrome. \textsuperscript{*}based on the 8 common tics as reported by Leckman et al.\textsuperscript{10}