



Supplementary Figure 1. Frequency of premonitory urges (PUs) of the eight common motor and phonic tics which were selected and reported by Leckman et al.¹⁰ *frequency of the PU is calculated as follows: participants reporting a PU (“always” or “sometimes”) divided by the total number of participants reporting the tics; [†]the tics “facial grimacing” and “complex facial movements or expressions” were summarized as “facial grimaces”. [‡]the tics “shoulder shrugging” and “shoulder gestures” were summarized as “shoulder jerks”. [§]the tics “head shaking/twisting/shrugging/nodding” and “head gestures” were summarized as “head/neck movements”; ^{||}the tics “mouth movement”, “complex mouth movement” and “lip movement” were summarized as “mouth movement”; [¶]the tics “coprolalia”, “palilalia”, “non-obscene socially inappropriate behavior”, and “echolalia” were summarized as “words or phrases”.