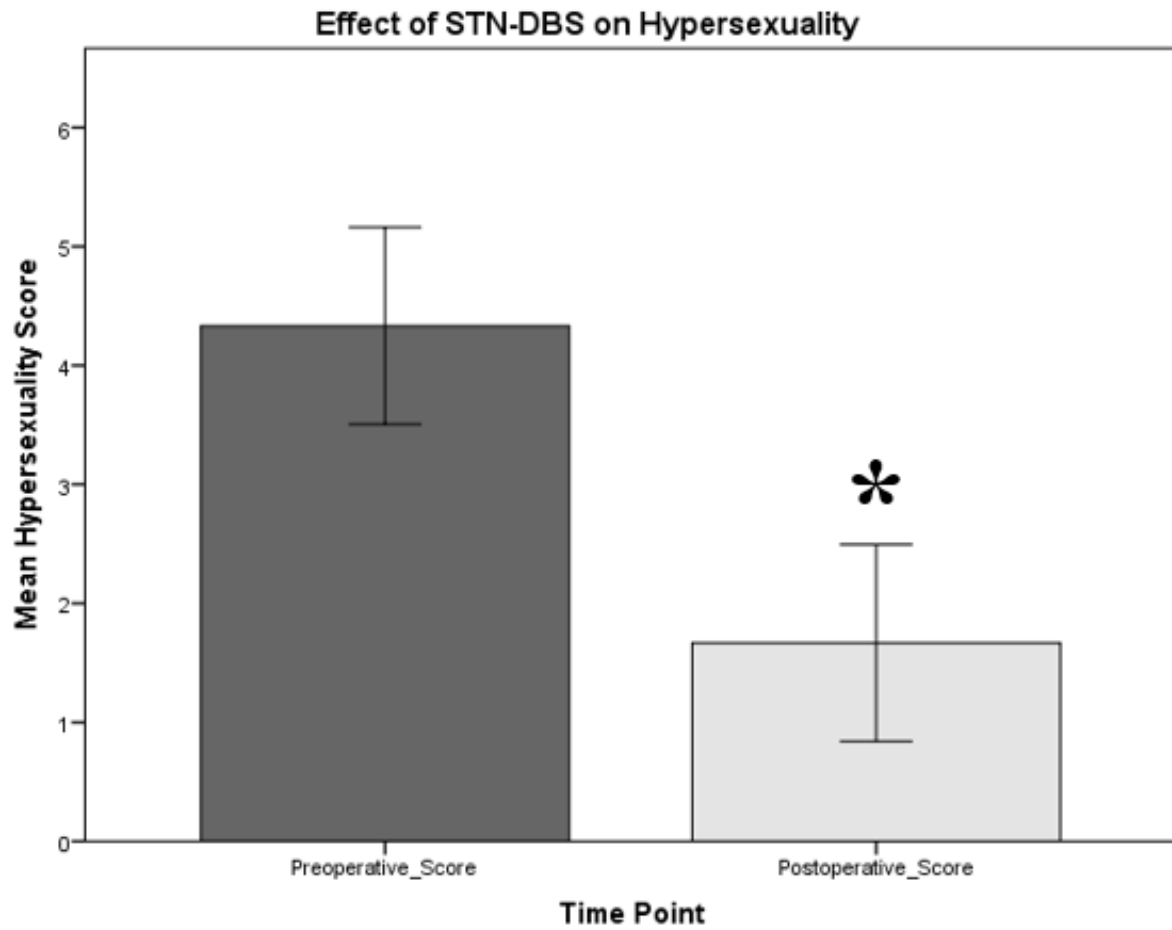
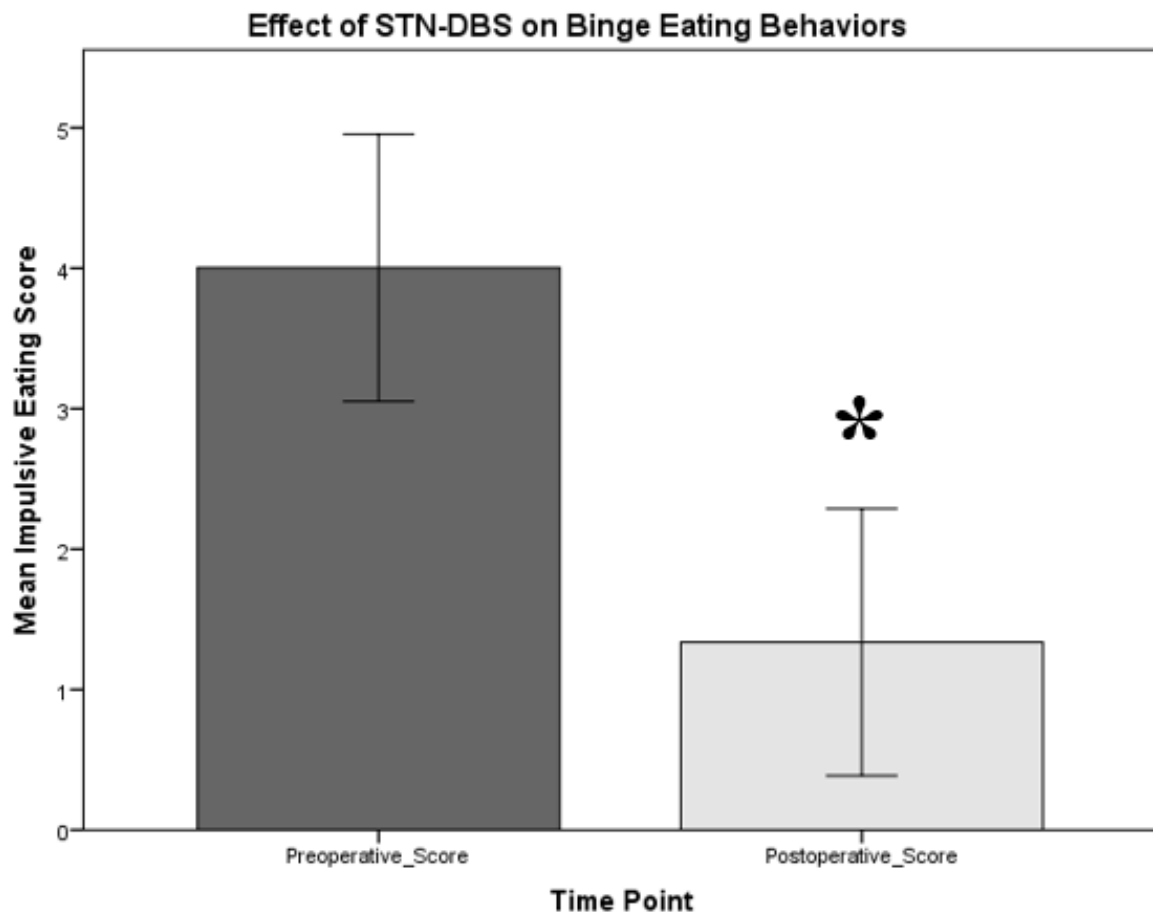


	N	Males v. Females	Mean age (years)	Mean Age of Onset (years)	Duration of disease at time of surgery (Mean; years)
GR	12	8 males 4 females	58.2 ± 2.5	45.4 ± 2.1	11.5 ± 0.9
PR	4	2 males 2 females	61.5 ± 5.6	46.0 ± 5.7	14.3 ± 2.5

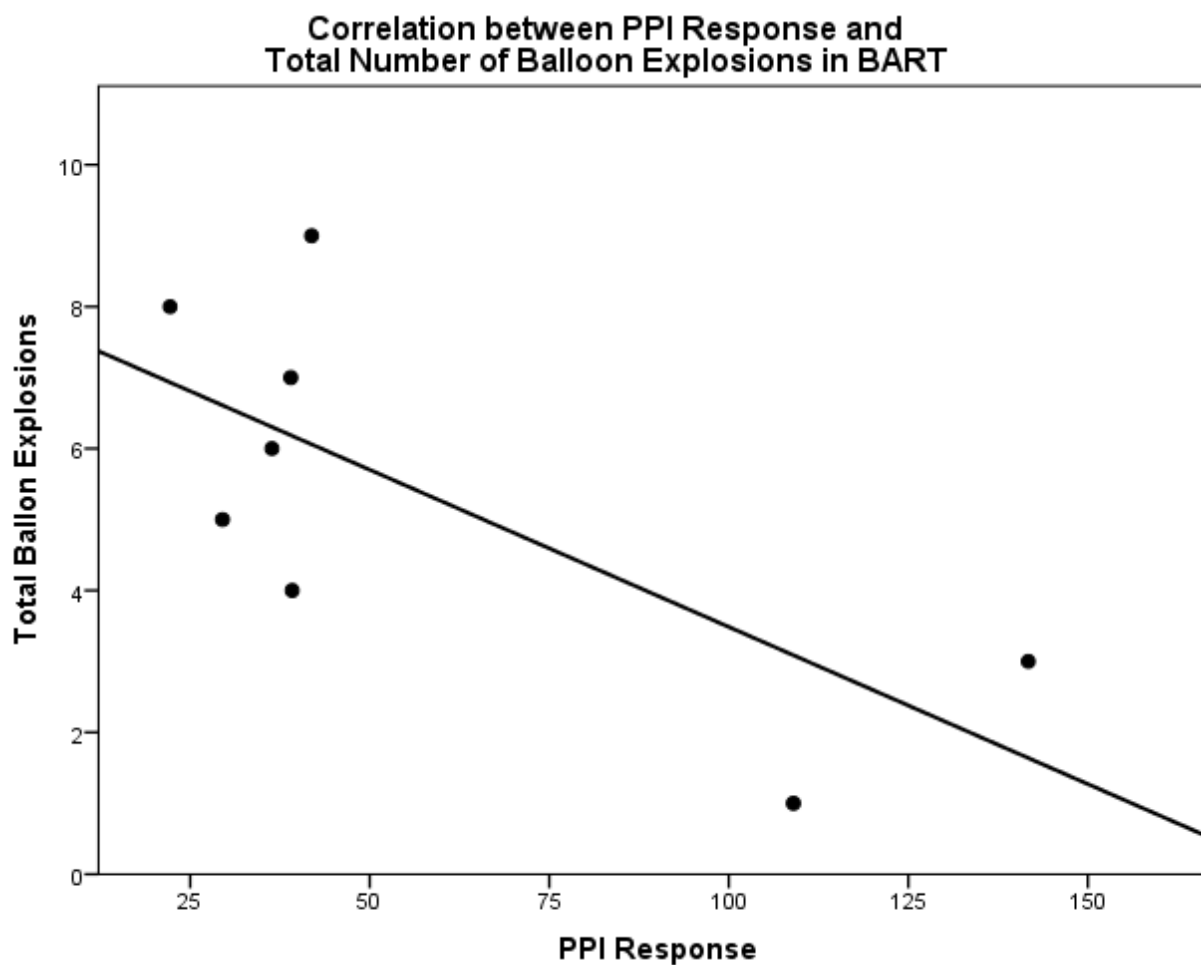
Supplementary Table 2. Patient demographics – Good responders (GR) v. Poor responders (PR).



Supplementary Figure 2a. Significant decrease in hypersexual behaviors following DBS treatment. (N = 12)

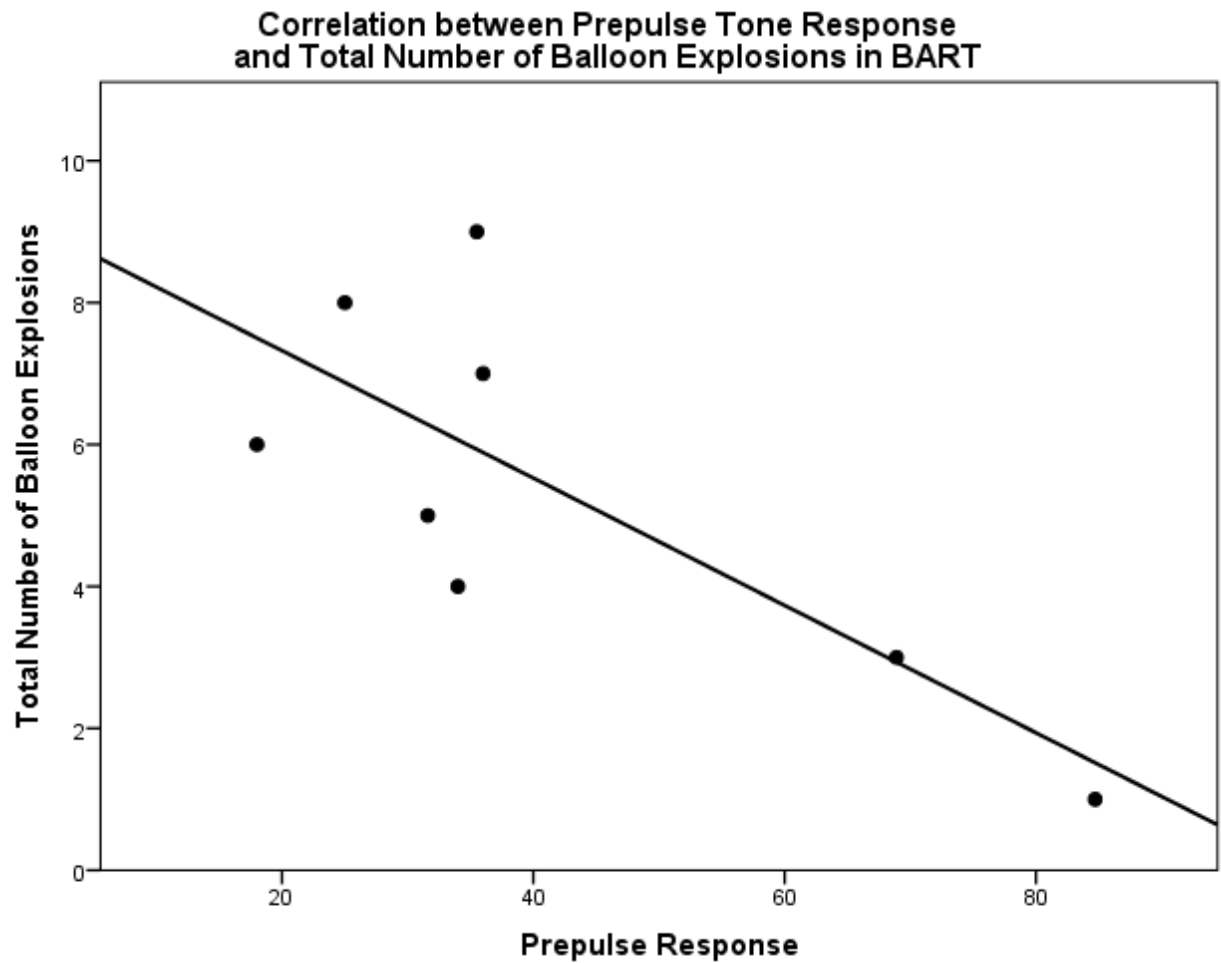


Supplementary Figure 2b. Significant decrease in binge eating behaviors following DBS treatment. (N = 12)



Supplementary Figure 3a. Correlation between impaired PPI and total number of balloon explosions in BART – suggesting a relationship between impaired sensory gating and impulsive measures.

($N = 8$; $r = -0.72$, $p = 0.044$)



Supplementary Figure 3b. Correlation between response to non-startling prepulse tone and total number of balloon explosions in BART – implying a relationship between impaired sensory gating and impulsive measures.
($N = 8$; $r = -0.77$, $p = 0.026$)