



Supplemental Figure 1

Negative correlation between preoperative metabolism in the DBS group and changes in HAM-D scores ($P_{\text{height}} \text{ uncorrected} < 0.005$).

Supplemental Table 1

Statistics and global cluster peak coordinates (Talairach coordinates) of negative correlations between preoperative metabolism in the DBS group and changes in HAM-D scores for $P_{\text{height}} \text{ uncorrected} < 0.005$.

x, y, z (mm)	Brain area	$P_{\text{height}} \text{ uncorr}$	Cluster extent	$P_{\text{cluster}} \text{ corr(FDR)}$	t value
2,26,-12	Right ACC	<0.001	215	0.066	6.05
-48,-10,-10	Left superior temporal	<0.001	399	0.009	5.05