S1 Forest plot of mean difference of Age of pretreatment profiles between STN DBS and GPi DBS

S2.tif

Individual MD and their corresponding 95% confidence intervals were indicated by filled squares. The size of the square indicated the weight of the study in the fixed effect meta-analysis. The summary estimate of MD and its 95% confidence interval were indicated by a diamond. GPi, globus pallidus interna; STN, subthalamic nucleus; IV, inverse variance; CI, confidence interval.

S2 Forest plot of mean difference of Duration of disease (month) of pretreatment profiles between STN DBS and GPi DBS

S3.tifIndividual MD and their corresponding 95% confidence intervals were indicated by filled squares. The size of the square indicated the weight of the study in the fixed effect meta-analysis. The summary estimate of MD and its 95% confidence interval were indicated by a diamond. GPi, globus pallidus interna; STN, subthalamic nucleus; IV, inverse variance; CI, confidence interval.

S3 Forest plot of mean difference of LED (mg/day) of pretreatment profiles between STN DBS and GPi DBS

S4.tifIndividual MD and their corresponding 95% confidence intervals were indicated by filled squares. The size of the square indicated the weight of the study in the fixed effect meta-analysis. The summary estimate of MD and its 95% confidence interval were indicated by a diamond. GPi, globus pallidus interna; STN, subthalamic nucleus; IV, inverse variance; CI, confidence interval.

S4 Forest plot of mean difference of UPDRSⅢ off-med of pretreatment profiles between STN DBS and GPi DBS

S5.tifIndividual MD and their corresponding 95% confidence intervals were indicated by filled squares. The size of the square indicated the weight of the study in the fixed effect meta-analysis. The summary estimate of MD and its 95% confidence interval were indicated by a diamond. GPi, globus pallidus interna; STN, subthalamic nucleus; IV, inverse variance; CI, confidence interval.

S5 Forest plot of mean difference of UPDRSⅢ on-med of pretreatment profiles between STN DBS and GPi DBS

S6.tif Individual MD and their corresponding 95% confidence intervals were indicated by filled squares. The size of the square indicated the weight of the study in the fixed effect meta-analysis. The summary estimate of MD and its 95% confidence interval were indicated by a diamond. GPi, globus pallidus interna; STN, subthalamic nucleus; IV, inverse variance; CI, confidence interval.

S6 Forest plot of mean difference of dyskinesias of pretreatment profiles between STN DBS and GPi DBS

S7.tif Individual SMD and their corresponding 95% confidence intervals were indicated by filled squares. The size of the square indicated the weight of the study in the random effect meta-analysis. The summary estimate of SMD and its 95% confidence interval were indicated by a diamond. GPi, globus pallidus interna; STN, subthalamic nucleus; IV, inverse variance; CI, confidence interval.

S7 funnel plots of comparison for dyskinesias

Funnel plot

The funnel plot appeared symmetric. Each small circle represents an independent study for the indicated association.

S8 funnel plots of excluding the non-randomized studies

1.tif

Abbreviations: GPi, globus pallidus interna; STN, subthalamic nucleus；IV, inverse variance; CI, confidence interval；Std, standardized.