

**Supplementary Table 4.** Log rank comparison of development of clinical milestones between sexes

Clinical milestone	Chi-square	Significance
Cognitive impairment	0.051	0.821
Hallucinations	0.331	0.565
Dysarthria	4.442	0.035
Dysphagia	5.136	0.023
Frequent falling	0.888	0.346
Difficulty in walking	1.584	0.208
Loss of autonomy	0.310	0.578
Milestone development	0.039	0.844
Death		
Years post DBS	0.044	0.834
Disease duration	0.172	0.679
Age in years	0.230	0.631

DBS, deep brain stimulation.