

### Supplemental Digital Content 3

Comparison of the relative alpha power of the local field potentials between control and propofol recording

Propofol recording	Clinically affected side	Patients (n)	Nuclei (n)	Mean difference	95% CI	p-value
0.5 $\mu\text{g}\cdot\text{ml}^{-1}$	Nuclei more affected side	9	9	7.9	1.9, 14.0	0.017
	Nuclei less affected side	7	7	10.3	5.3, 15.3	0.002
1.0 $\mu\text{g}\cdot\text{ml}^{-1}$	Nuclei more affected side	9	9	13.2	3.4, 23.1	0.015
	Nuclei less affected side	7	7	17.0	9.3, 24.8	0.002
1.5 $\mu\text{g}\cdot\text{ml}^{-1}$	Nuclei more affected side	9	9	16.2	5.7, 26.7	0.008
	Nuclei less affected side	7	7	20.1	14.7, 25.6	<0.001
2.0 $\mu\text{g}\cdot\text{ml}^{-1}$	Nuclei more affected side	9	9	18.6	5.4, 31.7	0.012
	Nuclei less affected side	7	7	20.3	9.7, 30.9	0.003
2.5 $\mu\text{g}\cdot\text{ml}^{-1}$	Nuclei more affected side	7	7	26.2	12.2, 40.2	0.004
	Nuclei less affected side	6	6	23.1	9.7, 36.6	0.007