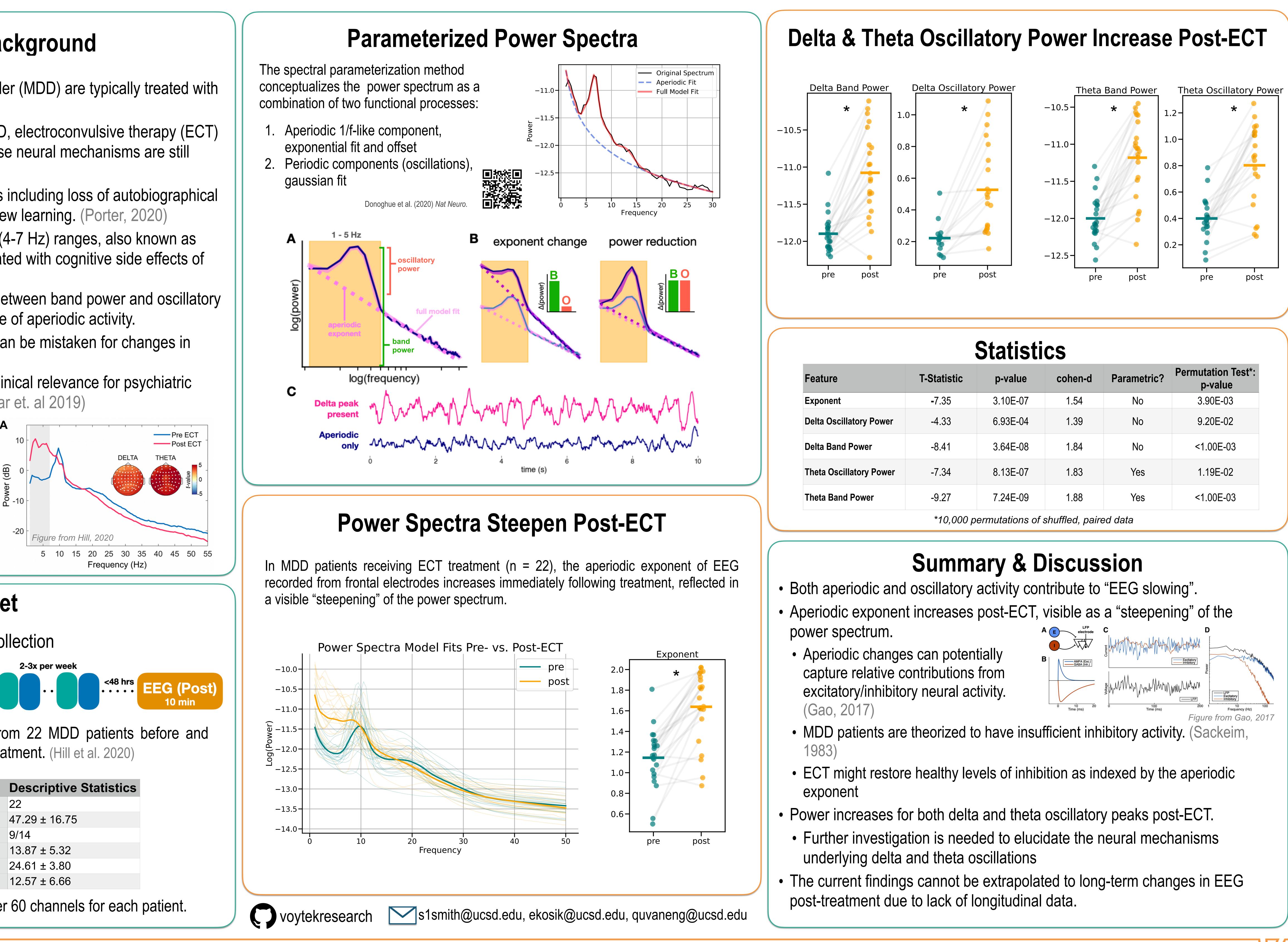
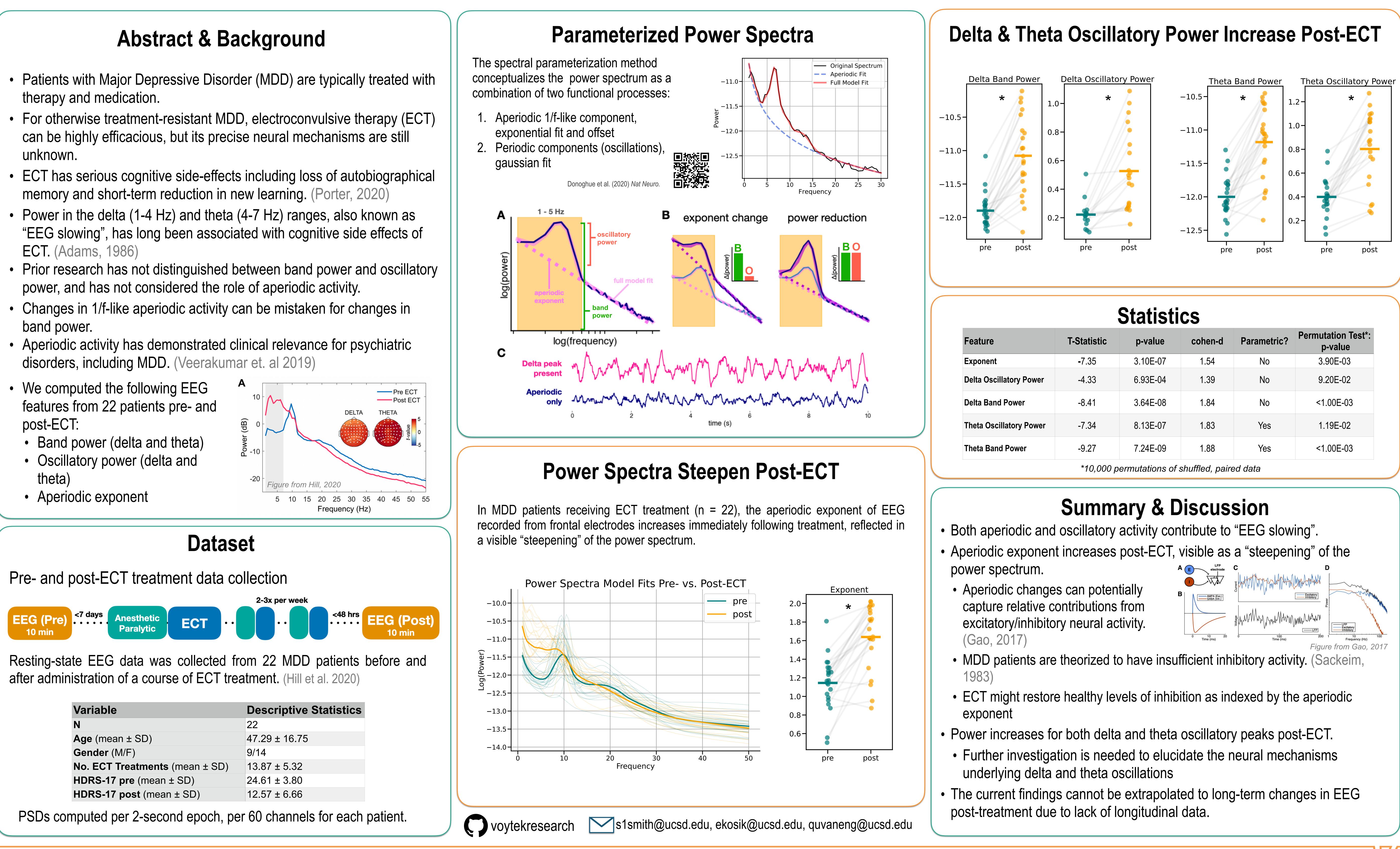
Periodic and aperiodic mechanisms of electroconvulsive therapy for Major Depressive Disorder VOYTEK a.) V/

Quirine Van Engen^{1,2*}, Eena Kosik^{1,2*}, Sydney Smith^{2,4*}, Bradley Voytek¹⁻⁵ ¹Dept. of Cognitive Sci., ³Halicioğlu Data Sci. Inst., ⁴Neurosciences Grad. Program, ⁵Kavli Inst. for Brain and Mind, ²Univ. of California San Diego, La Jolla, CA

- therapy and medication.
- unknown.
- ECT. (Adams, 1986)
- band power.
- disorders, including MDD. (Veerakumar et. al 2019)
- features from 22 patients pre- and post-ECT:
- theta)





Variable	Descriptive Statis
Ν	22
Age (mean ± SD)	47.29 ± 16.75
Gender (M/F)	9/14
No. ECT Treatments (mean ± SD)	13.87 ± 5.32
HDRS-17 pre (mean ± SD)	24.61 ± 3.80
HDRS-17 post (mean ± SD)	12.57 ± 6.66

UC San Diego

S	ta	t	S	ti	CS

T-Statistic	p-value	cohen-d	Parametric?	Permutation Test*: p-value
-7.35	3.10E-07	1.54	No	3.90E-03
-4.33	6.93E-04	1.39	No	9.20E-02
-8.41	3.64E-08	1.84	No	<1.00E-03
-7.34	8.13E-07	1.83	Yes	1.19E-02
-9.27	7.24E-09	1.88	Yes	<1.00E-03