

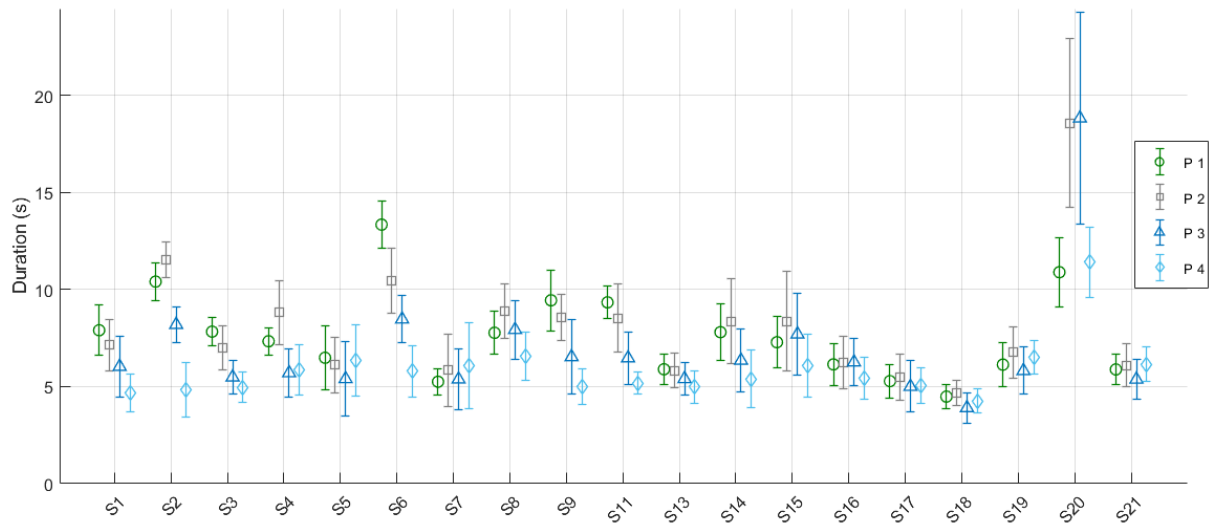


Figure A1: Intra-subject variability in phase duration. P: phase, S: subject. Circles, squares, triangles, and diamonds represent the mean duration of phases 1 to 4, respectively.

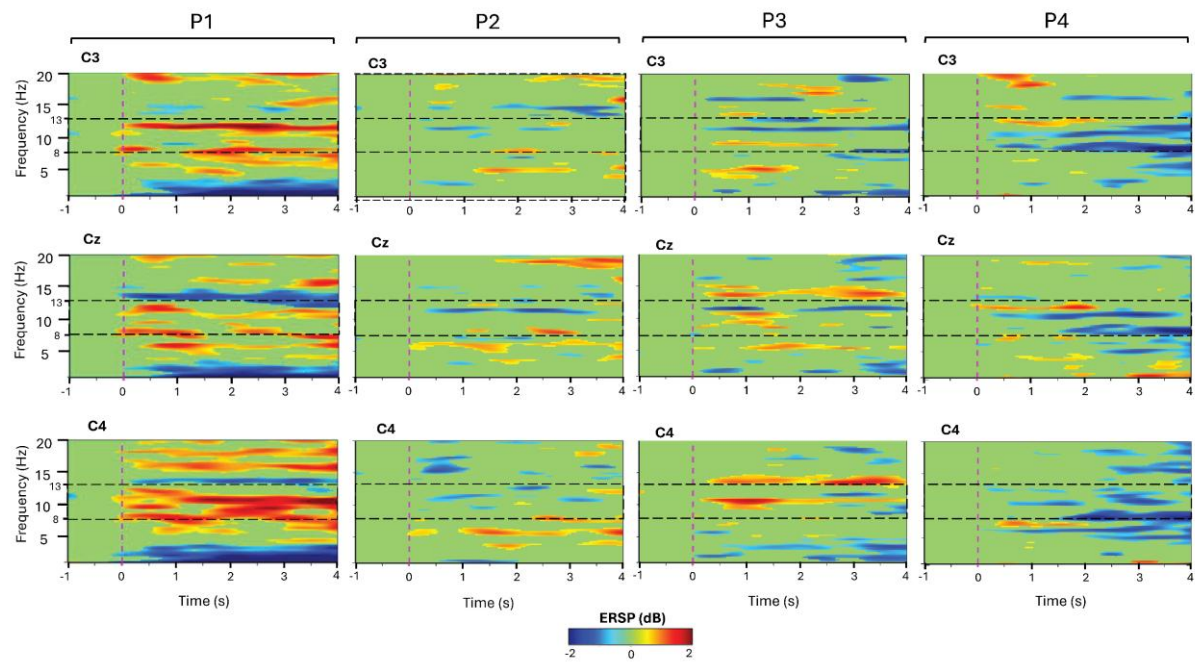


Figure A2: Grand average (bootstrap $p < 0.001$ FDR) of the power spectral variations of the EEG oscillations during phonation. ERSP templates (C3, Cz, C4) for each phase. The dashed boxes indicate the boundaries of the 8-13Hz band (mu rhythm), P: phase.

Table A1. Summary table of intra-subject variability in phase duration. P: phase, S: subject, std: standard deviation. Each row corresponds to a subject; values represent the duration of each phase across trials, in seconds.

Subject	Mean P1	std P1	Mean P2	std P2	Mean P3	std P3	Mean P4	std P4
S1	7.90	1.30	7.14	1.30	6.03	1.56	4.67	0.95
S2	10.41	0.96	11.53	0.91	8.19	0.94	4.84	1.41
S3	7.83	0.74	7.01	1.13	5.48	0.84	4.96	0.79
S4	7.34	0.70	8.81	1.63	5.70	1.25	5.87	1.30
S5	6.49	1.63	6.11	1.43	5.40	1.94	6.33	1.84
S6	13.35	1.19	10.46	1.68	8.47	1.20	5.79	1.32
S7	5.25	0.67	5.84	1.88	5.38	1.58	6.09	2.23
S8	7.77	1.10	8.90	1.41	7.93	1.52	6.57	1.23
S9	9.45	1.57	8.56	1.21	6.53	1.93	4.99	0.93
S11	9.34	0.85	8.51	1.75	6.47	1.35	5.18	0.56
S13	5.90	0.79	5.83	0.89	5.40	0.82	4.98	0.83
S14	7.80	1.46	8.37	2.18	6.35	1.64	5.39	1.50
S15	7.29	1.31	8.36	2.56	7.70	2.09	6.09	1.62
S16	6.14	1.08	6.24	1.37	6.26	1.21	5.43	1.09
S17	5.28	0.86	5.48	1.18	5.00	1.32	5.05	0.94
S18	4.49	0.60	4.68	0.64	3.90	0.79	4.26	0.62
S19	6.13	1.15	6.76	1.32	5.82	1.21	6.51	0.86
S20	10.90	1.78	18.58	4.34	18.83	5.43	11.41	1.79
S21	5.88	0.77	6.10	1.11	5.37	1.05	6.16	0.91