

Supplementary Table 1. The raw data of LEMG and laryngeal ultrasonography parameters in 40 female UVFP patients

No.	LEMG raw data						LUS raw data						
	Healthy side TA turn frequency	Paralysis side TA turn frequency	TA turn ratio	Healthy side CT turn frequency	Paralysis side CT turn frequency	CT turn ratio	Paralysis side CDVL	Healthy side CDVL	Paralysis side resting VF length	Paralysis side phonating VF length	Paralysis side nPLC	Healthy side resting VF length	Healthy side nPLC
1	721.67	65.00	0.09	600.00	486.67	0.81	1.32	1.33	2.01	1.98	0.01	2.01	0.06
2	1,670.00	180.00	0.11	1,146.67	880.00	0.77	1.50	1.57	1.92	1.77	0.08	2.07	0.14
3	945.00	401.67	0.43	826.67	386.67	0.47	1.31	1.59	2.33	2.24	0.04	2.73	0.16
4	880.00	693.33	0.79	753.33	846.67	1.12	1.62	1.51	2.16	1.99	0.08	2.32	0.04
5	720.00	310.00	0.43	960.00	826.67	0.86	1.59	1.38	1.84	1.84	0.00	2.07	0.16
6	1,060.00	205.00	0.19	1,533.33	1,686.67	1.10	1.27	1.84	1.81	1.79	0.01	2.41	0.21
7	753.33	180.00	0.24	1,180.00	906.67	0.77	1.65	1.11	1.59	1.44	0.09	2.21	0.10
8	666.67	30.00	0.04	1,066.67	93.33	0.09	1.57	1.71	2.13	2.08	0.02	2.06	0.09
9	1,155.00	490.00	0.42	1,160.00	566.67	0.49	1.31	1.73	2.38	2.33	0.02	2.19	0.04
10	680.00	705.00	1.04	680.00	946.67	1.39	1.95	1.59	2.35	2.26	0.04	2.36	0.09
11	1,333.33	300.00	0.23	1,086.67	813.33	0.75	1.43	1.76	1.81	1.72	0.05	2.01	0.11
12	1,108.33	65.00	0.06	773.33	340.00	0.44	1.53	2.08	1.97	1.93	0.02	2.09	0.19
13	645.00	115.00	0.18	746.67	113.33	0.15	1.46	1.52	2.06	0.25	0.88	2.37	0.18
14	473.33	105.00	0.22	46.67	33.33	0.71	1.53	1.56	2.48	2.42	0.02	2.51	0.14
15	693.33	181.67	0.26	1,646.67	506.67	0.31	1.56	1.84	1.84	1.80	0.02	1.89	0.09
16	530.00	151.67	0.29	620.00	1,180.00	1.90	1.39	1.52	2.24	2.12	0.05	2.23	0.06
17	930.00	216.67	0.23	626.67	326.67	0.52	1.48	1.77	2.01	1.95	0.03	2.27	0.08
18	811.67	915.00	1.13	760.00	413.33	0.54	2.08	1.34	2.31	2.16	0.06	2.15	0.17
19	538.33	441.67	0.82	753.33	913.33	1.21	1.52	1.74	2.35	2.34	0.00	2.31	0.05
20	783.33	68.33	0.09	873.33	1,006.67	1.15	1.68	1.51	2.08	2.05	0.01	2.13	0.10
21	856.67	326.67	0.38	693.33	640.00	0.92	1.40	1.28	2.33	2.23	0.04	2.86	0.19
22	796.67	571.67	0.72	540.00	133.33	0.25	1.95	1.53	2.08	1.93	0.07	2.04	0.15
23	1,090.00	221.67	0.20	746.67	660.00	0.88	1.72	1.12	1.82	1.75	0.04	1.93	0.11
24	1,541.67	31.67	0.02	446.67	40.00	0.09	1.29	1.75	2.03	2.03	0.00	2.26	0.16
25	1,015.00	141.67	0.14	1,220.00	893.33	0.73	1.57	1.66	1.69	1.65	0.02	2.03	0.21
26	1,505.00	808.33	0.54	1,380.00	800.00	0.58	1.92	1.75	1.80	1.74	0.03	2.13	0.00
27	1,266.67	986.67	0.78	1,186.67	720.00	0.61	1.84	1.35	2.57	2.53	0.02	2.30	0.07
28	1,386.67	198.33	0.14	1,020.00	553.33	0.54	1.19	1.19	2.32	2.22	0.04	2.16	0.08
29	638.33	203.33	0.32	933.33	820.00	0.88	1.23	1.02	1.97	1.86	0.06	1.86	0.09
30	691.67	500.00	0.72	620.00	560.00	0.90	1.27	1.45	2.56	2.30	0.10	2.28	0.25
31	775.00	556.67	0.72	586.67	573.33	0.98	1.65	1.47	1.83	1.76	0.04	2.01	0.03
32	838.33	475.00	0.57	706.67	480.00	0.68	1.34	1.66	1.95	1.84	0.06	1.81	0.02
33	613.33	58.33	0.10	466.67	173.33	0.37	1.83	1.64	2.01	2.01	0.00	1.77	0.02
34	800.00	220.00	0.28	553.33	453.33	0.82	1.51	1.71	2.07	1.80	0.13	2.23	0.13
35	1,686.67	591.67	0.35	1,006.67	580.00	0.58	1.37	1.08	2.58	2.53	0.02	2.24	0.02
36	993.33	495.00	0.50	973.33	186.67	0.19	1.46	1.71	2.05	1.98	0.03	2.23	0.14
37	1,200.00	468.33	0.39	560.00	733.33	1.31	1.66	1.38	2.29	2.21	0.03	2.38	0.03
38	1,405.00	68.33	0.05	1,146.67	1,000.00	0.87	1.55	1.60	2.44	2.37	0.03	2.21	0.12
39	755.00	245.00	0.32	513.33	586.67	1.14	1.50	1.39	2.09	1.98	0.05	2.24	0.03
40	700.00	218.33	0.31	820.00	853.33	1.04	1.16	1.17	1.34	1.19	0.11	1.41	0.10

LEMG, laryngeal electromyography; UVFP, unilateral vocal fold paralysis; LUS, laryngeal ultrasonography; TA, thyroarytenoid; CT, cricothyroid; CDVL, color Doppler vibrating length; VF, vocal fold; nPLC, normalized phonatory vocal length change.