

Table S4. Mean \pm SD and min-max values for measured acoustic variables in different categories of whines of domestic dogs. Designations: f-whine – the whine with the low fundamental frequency f0 alone, g-whine – the whine with the high fundamental frequency g0 alone, f&g-whine – the whine with both f0&g0, h-whine – any whine containing the ultra-high (h0) fundamental frequency. For decoding the abbreviations of measured acoustic variables, see Table 2.

Dog ID	f-whine				g-whine				f&g-whine								h-whine									
	f-dur	f0max	f0min	g-dur	g0max	g0min	call-dur	f-dur	f0max	f0min	g-dur	g0max	g0min	call-dur	h-dur	h0max	h0min									
	(ms)	(kHz)	(kHz)	(ms)	(kHz)	(kHz)	(ms)	(ms)	(kHz)	(kHz)	(ms)	(kHz)	(kHz)	(ms)	(ms)	(kHz)	(kHz)									
1	0.15 \pm 0.05	1.16 \pm 0.31	0.82 \pm 0.30	0.37 \pm 0.22	10.43 \pm 0.30	9.46 \pm 0.32	0.55 \pm 0.33	0.46 \pm 0.33	2.13 \pm 0.85	1.49 \pm 0.60	0.33 \pm 0.28	10.46 \pm 0.52	9.51 \pm 0.40	0.07-0.24	0.77-1.89	0.53-1.63	0.09-0.81	9.73-10.98	8.97-9.90	0.15-1.19	0.09-1.19	0.90-3.42	0.68-2.36	0.15-1.19	9.68-11.00	8.82-10.14
	0.21 \pm 0.12	1.12 \pm 0.26	0.58 \pm 0.16	0.22 \pm 0.31	7.62 \pm 1.57	5.69 \pm 0.42	0.20 \pm 0.17	0.11 \pm 0.07	1.49 \pm 0.20	0.81 \pm 0.21	0.15 \pm 0.11	6.86 \pm 1.13	5.60 \pm 0.23													
2	0.61 \pm 0.52	0.60 \pm 0.16	0.30 \pm 0.10	0.57 \pm 0.25	6.67 \pm 0.30	5.48 \pm 0.29	0.70 \pm 0.22	0.43 \pm 0.19	1.04 \pm 0.21	0.63 \pm 0.26	0.65 \pm 0.29	6.67 \pm 0.48	5.50 \pm 0.30	0.07-0.51	0.68-1.55	0.30-0.83	0.09-1.18	5.66-10.59	4.80-6.63	0.09-0.69	0.04-0.26	1.22-1.78	0.40-1.16	0.05-0.46	5.72-9.04	5.31-6.13
	0.21-1.66	0.49-1.01	0.17-0.51	0.21-0.98	6.30-7.29	5.06-5.83	0.34-1.01	0.12-0.74	0.60-1.27	0.15-0.99	0.16-1.01	5.68-7.25	4.97-5.96													
4	0.11 \pm 0.06	0.66 \pm 0.07	0.41 \pm 0.05	0.16 \pm 0.06	5.54 \pm 0.67	4.57 \pm 0.27	0.16 \pm 0.04	0.09 \pm 0.02	0.85 \pm 0.08	0.51 \pm 0.06	0.13 \pm 0.06	5.79 \pm 0.38	4.90 \pm 0.29	0.06-0.28	0.55-0.73	0.32-0.51	0.08-0.27	4.75-6.80	4.26-5.34	0.10-0.21	0.06-0.12	0.71-1.01	0.43-0.64	0.05-0.21	5.23-6.50	4.56-5.34
	0.35 \pm 0.22	0.72 \pm 0.07	0.48 \pm 0.11	0.61 \pm 0.47	4.56 \pm 0.35	3.82 \pm 0.25	0.60 \pm 0.47	0.43 \pm 0.36	0.82 \pm 0.09	0.49 \pm 0.09	0.50 \pm 0.44	4.73 \pm 0.31	3.85 \pm 0.24													
5	0.14-0.58	0.62-0.77	0.34-0.60	0.18-1.52	3.96-5.08	3.53-4.30	0.26-1.82	0.11-1.14	0.68-1.01	0.38-0.71	0.21-1.83	4.22-5.16	3.57-4.30													