

Appendix 9

ANOVA results for all eight variables used in final analyses: raw, and Bonferroni corrected by traditional Bonferroni with different p cutoff or adjusted p values, and sequential Bonferroni (i.e. Holm-Bonferroni). All three methods of correcting for multiple comparisons produced statistically similar results.

Song Characteristics	Raw ($p = 0.05$)	Bonferroni ($p = 0.0072$)	Bonferroni ($p = 0.05$)	Holm-Bonferroni ($p = 0.05$)
Full song duration (s)	<0.0001	<0.0001	<0.0001	<0.0001
Syllable duration (ms)	0.0054	0.0054	0.0435	0.0218
Syllable rate (syl/sec)	0.5220	0.5220	1.0000	1.0000
Minimum frequency (Hz)	0.9100	0.9100	1.0000	1.0000
Maximum frequency (Hz)	0.0004	0.0004	0.0035	0.0022
Bandwidth (Hz)	<0.0001	<0.0001	<0.0001	<0.0001
Peak freq. contour – number of inflection points	0.2450	0.2450	1.0000	1.0000
% Pause	0.0001	0.0001	0.0007	0.0005