

Supplement 2: Response significances for the combined CI group

		Response amplitude (sd in brackets)	
		CI group	
Response	Deviant	T1	T2
pMMR	Gap	1.41(1.89)**	-.21(2.05)
	Vowel duration	1.30(1.94)**	1.02(1.68)*
	Vowel identity	1.68(2.05)***	2.19(1.79)***
	F0 15 %	.49(2.13)	-.060(2.16)
	F0 50 %	.79(2.92)	.26(2.42)
	Intensity -6 dB	1.14(2.03)**	1.01(2.99)
	Intensity +6 dB	.37(2.82)	1.20(2.95)*
MMN	Gap	-1.98(1.63)***	-1.81(2.03)***
	Vowel duration	-.74(2.45)	-2.50(2.14)***
	Vowel identity	.39(1.88)	-.31(2.14)
	F0 15 %	.12(1.79)	-1.58(2.76)**
	F0 50 %	.43(2.31)	-.40(2.79)
	Intensity -6 dB	.66(1.66)*	.52(3.58)
	Intensity +6 dB	-.27(2.41)	.22(2.83)
P3a	Gap	2.35(2.74)***	2.74(3.2)***
	Vowel duration	1.13(2.07)*	-.21(1.98)
	Vowel identity	1.83(2.09)**	.45(3.98)
	F0 15 %	2.13(2.19)***	-.44(2.60)
	F0 50 %	2.37(2.94)***	1.40(2.70)*
	Intensity -6 dB	1.66(2.22)**	.92(4.22)
	Intensity +6 dB	-.34(2.82)	.93(2.92)
LDN	Gap	-1.81(1.55)***	-.98(2.18)*
	Vowel duration	-.54(2.18)	-1.00(2.68)
	Vowel identity	-.23(2.11)	-1.12(3.22)
	F0 15 %	1.09(2.08)**	-.56(3.08)
	F0 50 %	1.27(2.76)*	-.082(3.40)
	Intensity -6 dB	.82(2.57)	.37(3.72)
	Intensity +6 dB	-.083(2.71)	-.34(3.19)

Response significance: *p<.05; **p<.01; ***p<.001; T1/T2 = time point 1/2

Responses taken into the singing rANCOVA analysis are highlighted in grey.