

**Supplementary Table 3.** Target voice features (/Ah/ utterance)

Target voice feature	Statistical feature	t	df	p
f0_contour	skewness	-3.09	109	0.00
	first_derivative_mean	-2.40		0.02
mfcc	mean_12	-2.15	109	0.03
	std_3	-2.17		0.03
	skewness_2	-2.44		0.02
	skewness_3	-2.50		0.01
	first_derivative_skewness_2	3.11		0.00
	first_derivative_skewness_4	-2.20		0.03
	first_derivative_kurtosis_2	3.03		0.00
	second_derivative_mean_7	-2.09		0.04
	second_derivative_mean_8	-2.99		0.00
	second_derivative_mean_9	-2.56		0.01
	second_derivative_mean_10	-2.30		0.02
	second_derivative_skewness_4	-2.73		0.01
	first_quartile_12	-2.16		0.03
	second_quartile_3	2.15		0.03
	second_quartile_12	-2.11		0.04
third_quartile_3	2.28		0.02	

	third_quartile_12	-2.02		0.05
	q2_q1_range_6	2.39		0.02
	q3_q1_range_9	2.25		0.03
	percentile_1_5	2.24		0.03
	percentile_1_8	-2.36		0.02
	percentile_99_12	-3.33		0.00
	percentile_1_99_range_5	-2.21		0.03
	linear_regression_offset_5	2.55		0.01
	linear_regression_mse_3	-3.11		0.00
shimmers	localshimmer	2.09	109	0.04
	apq3shimmer	2.27		0.03
	apq5shimmer	2.16		0.03
	apq11shimmer	2.10		0.04

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Abbreviations: mfcc-mel frequency cepstral coefficients; Target voice features were selected based on significant group difference of SAS total score of under and above 0.6.