

Voice parameters	Age	Phonetogram area ^{x)}
Total tone range	0.48	0.63
Fo in fluent speech	- 0.86	- 0.50
Voice range	0.58	0.54
Lowest frequency	- 0.87	- 0.62
Middle frequency	- 0.73	- 0.34
Puberty		
Axillary hair stage	0.84	0.58
Pubic hair stage	0.89	0.65
Testis volume	0.87	0.71
Height	0.90	0.64
Weight	0.86	0.60
Hormones		
Total testosterone	0.83	0.72
Free testosterone	0.81	0.69
Dihydrotestosterone	0.81	0.69
Delta-4-androstendione	0.80	0.76
DHEAS	0.83	0.59
SHBG	-0.66	- 0.41

x) $r = 0.6$ age/phonetogram area

All $p < 0.01$ except middle frequency/phonetogram area