

Supplemental Material S3. Mixed models for talking by measures of preprocedure dysphonia and dysphagia severity.

Variable	Effect	Estimate ± SE	p value	Models for Talking
VHI	Intercept	92.619 ± 6.754	< .0001*	Baseline: 92.619 + (-0.201 × VHI)
	Time		< .0001*	
	Baseline	Reference		Voice rest: (92.619 – 75.900) + ((-0.202 + 0.320) × VHI) = 16.719 + (0.118 × VHI)
	Voice rest	-75.900 ± 9.552		
	VHI	-0.201 ± 0.105	.5815	
	VHI × Time		.0345*	
	Baseline	Reference		
Voice rest	0.320 ± 0.149			
GRBAS G	Intercept	91.870 ± 7.154	< .0001*	Baseline: 91.870 + (-5.578 × G)
	Time		< .0001*	
	Baseline	Reference		Voice rest: (91.870 – 79.587) + ((-5.578 + 11.284) × G) = 12.283 + (5.706 × G)
	Voice rest	-79.587 ± 10.117		
	GRBAS G	-5.578 ± 3.326	.9785	
	GRBAS G × Time		.0186*	
	Baseline	Reference		
Voice rest	11.284 ± 4.703			
EAT-10	Intercept	84.760 ± 2.861	< .0001*	Baseline: 84.760 + (-0.861 × EAT-10)
	Time		< .0001*	
	Baseline	Reference		Voice rest: (84.760 – 61.979) + ((-0.861 + 1.077) × EAT-10) = 22.781 + (0.216 × EAT-10)
	Voice rest	-61.979 ± 4.046		
	EAT-10	-0.861 ± 0.316	.1523	
	EAT-10 × Time		.0182*	
	Baseline	Reference		
Voice rest	1.077 ± 0.447			

Note. VHI = Voice Handicap Index total score, range 0-120; GRBAS = Grade, Roughness, Breathiness, Asthenia, Severity scale, range 0-3; EAT-10 = Eating Assessment Tool, range 0-40.

**p* < .05 for Type 3 effect in mixed models with Talking as the response variable and participant as repeated measures.