

Appendix B Interrater reliability

	/n/			/a/			/t/			/ʃ/			/a/			/ɪ/			/t/			/i/			/d/			/ɔ/			/ɪ/			/t/																	
LIPS																																																			
Open	xx			xx			x			xx			xx			xx			x			x			x															x											
Slightly/moderately open							x												x			x			x			xx			xx									x											
closed																																																			
Tipped horizontally										xx			xx			Xx																																			
Tipped vertically																			x			x			x			xx			Xx						xx														
Not pointed	xx			xx			xx												x			x			X																										
VELUM																																																			
open	X																																																		
Slightly open	x			xx																																															
closed							xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx					
TONGUE horizontal	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p
Apex/Lamina	x				x		x	x			x			x		x			x			x			x				x	x	x			x			x			x			x								
Dorsum		x			x			x			x			x	x	x	x		x			x			x					xx		x	x	x			x			x			x	x							
Radix		x				xx		x	x		x			x			x		x			x			x			x			x			x			x			x			x								
vertical	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3
Apex/Lamina		x		x				x	x			xx	x			x		x			xx		x				xx		x		x			x			x			x			x								
Dorsum	x		x	x			x		x			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			
Radix	x			x			x			x				x		x						x			x						x			x			x			x			x								

Table 1: F05M19 00:15 (x-Hergt x-Ufermann); a = anterior, c = central, p = posterior, b = at the bottom, t = at the top, u1/3 = in the upper third

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	/n/			/a/			/t/			/ʃ/			/a/			/ɪ/			/t/			/i/			/d/			/ɔ/			/ɪ/			/t/					
													/aɪ/												/ɔɪ/														
LIPPEN																																							
open																																							
Slightly/moderately open	x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x				
closed																																							
Tipped horizontally																																							
Tipped vertically										x															x														
Not pointed	x	x		x	x		x	x		X			x	x		x	x		x	x		x	x		x	x					x			x					
VELUM																																							
open	x	x		X																																			
Slightly open				X																																			
closed							x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x		x	x				
TONGUE horizontal	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p
Apex/Lamina	x			x	x		x				x		x	x		x	x		x			x				x	x	x			x			x					
Dorsum		x			x			x			X			X			x			x			x			X	x		x			x			x				
Radix	x	x			x			x			x		x	X		x	x			x			x			x			x			x			x				
vertical	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3
Apex/Lamina		x				x	x		x			x	x			x	x		x			x	x		x			x			x			x					
Dorsum			x	x	x			x		x	x	x		x	x			x	x		x	x			x	x	x			x			x						
Radix	x			x			x			x			x			x			x			x			x			x			x			x					

Table 2: F08 M21 00:32 (x-Hergt x-Ufermann); a = anterior, c = central, p = posterior, b = at the bottom, t = at the top, u1/3 = in the upper third

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	/g/			/a/			/k/			/f/			/a/			/ɪ/			/t/			/i/			/d/			/ɔ/			/ɪ/			/k/											
										/aɪ/									/ɔɪ/																										
<b>LIPPEN</b>																																													
<i>open</i>										xx									x									x																	
<i>Slightly/moderately open</i>	xx			xx			xx						x			xx			xx			xx			xx			xx			xx			xx											
<i>closed</i>																																													
<i>tipped horizontally</i>										xx									x									x																	
<i>Tipped vertically</i>										x																		x									x								
<i>Not pointed</i>	xx			xx			xx						xx			xx			xx			xx			xx			xx			xx			xx											
<b>VELUM</b>																																													
<i>open</i>																																													
<i>Slightly open</i>																																													
<i>closed</i>	xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx			xx											
<b>TONGUE horizontal</b>	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p	a	c	p						
Apex/Lamina		x	x		x			x	x		x			x			x			x			x			x			x			x			x			x							
Dorsum		x			x			x			x			x	x		x			x			x			x			x			x			x			x							
Radix		x	x			xx		x	x			x		x	x		x	x			x		x			xx			x	x			xx		x	x			x						
<b>vertical</b>	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3	b	t	u1/3						
Apex/Lamina	x			x	x		x			xx	x	x	x			x			xx			x			x			x			x			x			x								
Dorsum		x				xx		x				xx			xx			xx			xx			xx			xx			xx			xx			xx			x						
Radix	x			x			x			x			x			x			x			x			x			x			x			x			x								

Table 3: F06 M19 00:06 (x-Hergt x-Ufermann); a = anterior, c = central, p = posterior, b = at the bottom, t = at the top, u1/3 = in the upper third



