
table 2: evaluation of concordance - non-metric dental traits
raw data

the table presents the raw data for evaluation of concordance in the observation of non-metric dental traits for a sample (n=35) selected from the necropoli of Barmaz I and II (Collombey-Muraz, Valais, Switzerland)

- columns represent both recording session and the trait observed

the three sessions are labeled as O1a (first recording session), O1b (second recording session) and O2 (comparison session) (observation by S. Eades)

traits are indicated simply by T1 to Tn

- rows, labeled from Z1 to Zn, do not designate individuals as such, but the different observations

position within a dental class and lateralization are not taken into account, thus:

- the expressions of a trait observed on all upper molars, for example, are included in a single column
- individuals have therefore been divided and their ID transformed into continuous numbers having no real significance

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	O1a- T1	O1a- T9	O1a- T10	O1a- T11	O1a- T12	O1a- T13	O1a- T14	O1a- T15	O1a- T16	O1a- T17	O1a- T18	O1a- T19	O1a- T20	O1a- T21	O1a- T23	O1a- T24	O1a- T25	O1a- T26	O1a- T27	O1a- T28	O1a- T29	O1a- T30
Z1															0	0	4	3	0	2	0	0
Z2		3																				
Z3	0	3	2	3	0	0	0	1	0	0	0			0	0	0	3		0	0	0	0
Z4	0	3	1	2	0	0	0	2	0	0	0		0		0		4		0	5	0	
Z5								0		0										5		
Z6			1							0										0		
Z7	0			0		0		0	0	0					0	0	4	4	0	5	0	0
Z8	0		2	0	0	0	0	3	2	1					0	2	3	2	0	5	0	0
Z9	0	3	2	0	0	0		2	0	0	0				0	0	4	0	0	5	0	0
Z10			2					2		0										0		
Z11			2							0										0		
Z12			1																			
Z13	0	3	2	0	0	0	0	2	5	0	0	0	0	0	0	0	4	5	0		0	0
Z14	0	1		0		0	0		4	0		0	0	0	0	2	5	5	0		0	0
Z15		3	2	0	0	0			3	0		0	0		0	0	4	5	0		0	0
Z16	0		2	0	0	0	0	1			0				0		6	4	0	5		
Z17	0	3	2	0	0	0	0		0	0	0	0	0					3				
Z18	0				0	0	0		3	0	0							4				
Z19										0												
Z20			3					0												1		
Z21																				5		
Z22	0	3	3	0	0	1											4					
Z23	0	3		1	0	0	0		1	0	0	3	0	1	0	0	3	1	1	0	0	0
Z24		3		0	0	0		0										5				
Z25			3																	3		
Z26								0														
Z27	0		2	0	0				2	0	0			0	0	0	4	2	0		0	0
Z28			2							0												
Z29			2							0										0		
Z30			3					0		0										5		
Z31	0			1	1	0	0	0		2							4	1	0		0	0
Z32	2	3	2	0	0	0	0		0	0					0	0						
Z33	3				0	0		0	2						0	0						
Z34	0		3	0	0			2		0										0		
Z35	0			0	0	1				0			0		0	0	4	1	0	0	0	0
Z36	0		0	1	0	1					0			0			4	4	0		0	0
Z37	0	3	1	0	0	0	0	1	3	0					0	0	4	1	0		0	0
Z38			1	0	0	0	0	2		2												
Z39								0		0										0		
Z40										0										0		
Z41										0										0		
Z42	0	3	1	0	0	0	0	3	0	0					0	4				5		
Z43	0	3	1	0	0	0	1	2	0	0	0	0	0	0	0	0	4	4	0	0	0	0
Z44			1	0	0	0		2	0	0	3	3	0	0						2		
Z45								4		0										0		
Z46			1							0										0		
Z47								1		0										0		
Z48	0			3	2	0	0							1			3	3	0		0	0
Z49			1	0	0	0	0	2		0				1						0		
Z50	0		1	0	0	0	0	3	1	0	3	0	0	0		0	3	2	0	2	0	0
Z51			1					3							0	0	5		0	0	0	0
Z52	0	3				1				0												
Z53	0	3	1	0	0	1			0	0	0	0		0				5				
Z54	0	3		0		1	0	0	2	1	0	0	0		0		5	5	0	0	0	0
Z55			2							0										0		
Z56			2																			
Z57								2														
Z58	0		2	2		0	0	2	0	0						0	5	6			0	0
Z59	0		2				0			0					0	0	4	6	0	3	0	0
Z60	0	3		0		0			0	0	0				0	0	5		0	0		
Z61	0	3	2	0		0	0		2	0	0	0	0	0	0	0	5	6	0	0	0	0
Z62			2							1												
Z63			2																			
Z64			3							3										0		

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	O1a- T31	O1a- T32	O1a- T33	O1a- T43	O1a- T44	O1a- T45	O1a- T46	O1a- T47	O1a- T48	O1a- T49	O1a- T50	O1a- T51	O1a- T52	O1a- T53	O1a- T54	O1a- T55	O1a- T56	O1a- T57	O1a- T58	O1a- T59	O1b- T1	O1b- T9
Z1	0	0				0																
Z2				0	0																	3
Z3	0	0	0	0	0	0	0	2			0	0	4	1	2		0	0	0	0	0	3
Z4		0	0	0	0	0	0	2			0	0	4	2	3	0	0	0	1	0	0	3
Z5																						
Z6																						
Z7	0	0	0	0	0						0	0	5	1	1	0		0	0	0	0	
Z8	0	0	0	0	0		0		0	0	0	0		1	5		0	0	0	0	0	
Z9	0	0	0	0	0	0			0	0	0	0	4	1	1	0	0	0	0	0	0	3
Z10							0			0												
Z11										0												
Z12							0															
Z13	0	0	0	0	0	0	0	2			0	0	4	1	1	0	0	0	0	0	0	3
Z14	0	0	0	0	0	0		2	0	0			4	1	0	0	0	0	0	0	0	
Z15	0	0	0	0	0			2			0	0	4	1	2	0	0	0		0	0	3
Z16			0	0	0		0	2		0	0	1	5	1	1	2	0	0	0	0	0	
Z17			0	0	0	0		2	0		0	0	3		0	0	0	0	0	0	0	3
Z18			3					2	0	0											0	
Z19									0	1												
Z20							0															
Z21																						
Z22				0	0																	3
Z23	0	0	0	0	0	0		2													0	3
Z24				0	0		0															3
Z25																						
Z26				0	0		0		0	0												
Z27	0	0	0	1	0	0		3			0	0	4	1	0	0	0	0	0	0	0	3
Z28										0												
Z29																						
Z30																						
Z31	0	0	0	0	0	0	0		0	0	0	0	5		2	5	0	0				
Z32			3	0	0	3		2	0													3
Z33			3	0	0		0														0	3
Z34			0	0	0	0	0		0												0	
Z35	0	0	0	0	0						0	0	5		0	5	0	0	0	0	0	3
Z36	0	0	0	0	0	0		4			0	0	4	2	2	0	0	0	0	0	0	
Z37	0		0	0	0		0	2		0	0	1	4	1	4	0	0	0	0	0	0	3
Z38				0	0		0	3												0		
Z39																						
Z40																						
Z41																						
Z42			0	0	0		0		0	0			4		0	0	0	0	0		0	
Z43	0	0	1	0	0			4	0	0											0	
Z44				0	0	0	0	3		0											0	
Z45										0												
Z46							0															
Z47																						
Z48	0	0	0					2			0	0	5	1	0	4	0	0	0	0	0	3
Z49				0	0	0		4														
Z50	0	0	0	0	0	0	0	2		0	0	0	4	1	1	0	0	0	0	0	0	3
Z51	0	0				0			0				4					0		0		
Z52				0	0				0	0											0	3
Z53			0	0	0	0		1	0	1	0	0	4	1	0	0	0	0	0	0	0	3
Z54	0	0		0	0	0	0	1		0	0	0	4		0	0	0	0	0	0	0	3
Z55							0															
Z56																						
Z57																						
Z58	0	0	0	0	0		0				0	0	4	3	0	0		0		0	0	
Z59	0	0	0								0	0	4	1	1	0	0	0	0	0	0	
Z60				0	0	0	0	1	0	0	0	0									0	3
Z61	0	0	0	0	0	0		1			0	0	4	1	1	0	0	0	0	0	0	3
Z62							0			0												
Z63							0															
Z64																						

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	O1b- T10	O1b- T11	O1b- T12	O1b- T13	O1b- T14	O1b- T15	O1b- T16	O1b- T17	O1b- T18	O1b- T19	O1b- T20	O1b- T21	O1b- T23	O1b- T24	O1b- T25	O1b- T26	O1b- T27	O1b- T28	O1b- T29	O1b- T30	O1b- T31	O1b- T32
Z1													0	0	4	2	0	2	0	0	0	0
Z2																						
Z3	2	3	0	0	0	1	0	0	0			0	0	0	3	4	0	0	0	0	0	0
Z4	1	2	0	0	0	2	0	0	0		0		0		4	4	0	5	0			0
Z5						0		0										5				
Z6	1							0										0				
Z7		0		0		0	0	0					0	0	4	0	0	4	0	0	0	0
Z8	2	0	0	0	0	3	2	1					0	2	3	3	0	5	0	0	0	0
Z9	2	0	0	0		2	0	0	0				0	0	4	0	0	5	0	0	0	0
Z10	2					2		0										0				
Z11	2							0										0				
Z12	1					0																
Z13		0	0	0	0	2	5	0	0	0	0	0	0	0	4	4	0		0	0	0	0
Z14		0		0	0		4	0		0	0	0	0	2	5	3	0		0	0	0	0
Z15	2	0		0	0		2	0		0	0		0	0	4	4	0		0	0	0	0
Z16	2	0	0	0	0	1			0				0		6	4	0	5				
Z17	2	0		0	0		0	0	0	0	0	0										
Z18							3	0	0			0										
Z19								0														
Z20						0												1				
Z21	2																	5				
Z22	2	0		1																		
Z23		1	0	0	0	2	1	0	0	3	0	0	0	0	3	1	1		0	0	0	0
Z24	2	0	0	0		0																
Z25	2																	3				
Z26																		0				
Z27	2	0			0		2	0	0			0	0	1	4	2	0	0	0	0	0	0
Z28	2							1														
Z29	2							0														
Z30	3					0		0										5				
Z31	2	1	0	0		1		2					0	0	4	1	0		0	0	0	0
Z32	2	0		0			0	0					0	0				0				
Z33	3				0		2															
Z34	2	0			0	2		0	0									0				
Z35		0		1				0	0		0		0	0	4	1	0	0	0	0	0	0
Z36	0								0			0	0	0	4	2	0		0	0	0	0
Z37	1	0		0	0	1	3	0	0				0	0	4	1	0		0	0	0	
Z38	1	0	0	0		2		2														
Z39						0		0										0				
Z40								0										0				
Z41								0										0				
Z42	1	0			0	3	0	0										5				
Z43	1	0	0	1	0	2	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0	0
Z44	1	0	0		0	2	0	0	1	3	0	0						2				
Z45						4		0										0				
Z46	1							0										0				
Z47						1		0										0				
Z48		3		0									0	0	3	3	0		0	0	0	0
Z49	1	0	0	0		2		0										0				
Z50	1	0	0	0	0	3	1	0	0	2	0	0	0	0	3	2	0	0	0	0	0	0
Z51	1					3							0	0	5	4	0	0	0	0	0	0
Z52				1																		
Z53	1	0	0	1			0	0	0	0		0										
Z54		0		1	0		2	1	0	0	0		0		5		0	0	0	0	0	0
Z55	2					4		0										0				
Z56	2					3																
Z57	1																	0				
Z58		2		0	0	2	0	0						0	5	4		3	0	0	0	0
Z59	2				0			0					0	0	4	2	0	0	0	0	0	0
Z60	1	0		0			0	0	0				0	0	5	0	0	0				
Z61	2	0		0	0		2	0	0	0	0	0	0	0	5	5	0		0	0	0	0
Z62						3		1										0				
Z63						3		0														
Z64						2		0										0				

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evaluation concordance - non-metric dental traits

raw data

	O1b- T33	O1b- T43	O1b- T44	O1b- T45	O1b- T46	O1b- T47	O1b- T48	O1b- T49	O1b- T50	O1b- T51	O1b- T52	O1b- T53	O1b- T54	O1b- T55	O1b- T56	O1b- T57	O1b- T58	O1b- T59	O2- T1	O2- T9	O2- T10	O2- T11
Z1	0			0																		
Z2		0	0																	3		
Z3	0	0	0	0	0	2			0	0	5	1	2	4	0	0	0	0	0	3	3	3
Z4	0	0	0	0	0	2			0	0	4	2	3	0	0	0	1	0	0	1	1	2
Z5																					2	
Z6																					1	
Z7	0	0	0						0	0	5	1	1	5		0	0	0	0		2	0
Z8	0	0		0	0		0	0				1	1			0	0	0	0		2	0
Z9	0	0	0	0			0	0	0	0	4	1	1	0	0	0	0	0	0		1	0
Z10					0			0													2	
Z11								0													3	
Z12					0																1	
Z13	0	0	0	0	0	2			0	0	4	1	1	0	0	0	0	0	0	3	1	0
Z14	0	0	0	0		2	0	0			4	1	1	0	0	0	0	0	0	3		0
Z15	0	0	0			2			0	0	4	1	2	0	0	0		0	0	1	2	0
Z16	0	0	0		0	2		0	0	1	5	1	1	2	0	0	0	0	0		1	0
Z17	0	0	0	0		2	0		0	0	3		1	0	0	0	0	0	0	3	2	0
Z18						1	0												0			1
Z19							0	1														
Z20					0																	
Z21																					1	
Z22		0	0																0		1	0
Z23	0	0	1	0		3													0	3		1
Z24		0	0		0																0	0
Z25																					2	
Z26		0	0		0		0	0														
Z27	0	1	0	0		3			0	0	4	1	0	0	0	0	0	0	0	3	2	0
Z28					0			0													2	
Z29																					2	
Z30					0																3	
Z31	0	0	0	0	0		0	0	0	0	5		2	5	0	0		0			0	1
Z32		0	0	3		2	0												0		2	0
Z33	3	0	0	0	0														0		3	
Z34	3	0	0	0	0		0												0		1	0
Z35	0	0	0						0	0	5		0	5	0	0	0	0	0	3		0
Z36	0	0	0	0		4			0	0	4	2	0	0	0	0	0	0	0		2	
Z37	0	0	0		0	2		0	0	1	4	1	4	0	0	0	0	0	0	3	3	
Z38		0	0		0	3															1	0
Z39																					1	
Z40																						
Z41																					1	
Z42	0	0	0	0	0		0	0			4		0	0	0	0	0	0	0		2	0
Z43		0	0	0		4	0	0													0	0
Z44		0	0	0	0	3													0		1	0
Z45																						
Z46					0																0	
Z47					0																	
Z48	0					2			0	0	5	1	0	4	0	0	0	0	0	3		3
Z49		0	0			4													0		2	0
Z50	0	0	0	0	0	1		0	0	0	4	1	1	0	0	0	0	0	0	3	0	0
Z51				0			0				4					0		0	0		1	
Z52		0	0				0	0												3		0
Z53	0	0	0	0		1	0	1	0	0	4	1	0	0	0	0	0	0	0	3	1	0
Z54	0	0	0	0	0	1			0	0	4		0	0	0	0	0	0	0	1		0
Z55					0																	
Z56																					0	
Z57																					3	
Z58	0	0	0		0				0	0	4	3	0	0		0		0	0			0
Z59	0								0	0	4	1	1	0	0	0	0	0	0		2	
Z60		0	0	0	0	1													0	1	0	0
Z61	0	0	0	0		1			0	0	4	1	1	0	0	0	0	0	0	3	2	0
Z62					0																	
Z63					0																	
Z64					0																	

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evaluation concordance - non-metric dental traits

raw data

	O2- T12	O2- T13	O2- T14	O2- T15	O2- T16	O2- T17	O2- T18	O2- T19	O2- T20	O2- T21	O2- T23	O2- T24	O2- T25	O2- T26	O2- T27	O2- T28	O2- T29	O2- T30	O2- T31	O2- T32	O2- T33	O2- T43
Z1				1	0			0	0		0	0	4	2	0	2	0	0	0	0		
Z2																						0
Z3	0	0	0	0	0	0	0	0	0	0	0	1	2	4	0	0	0	0	0	0	0	0
Z4	0	0	0	1	1	0	0	0	0	0	0	0	4	4	0	5	0	0	0	0	0	0
Z5																						
Z6						0										5						
Z7		0	0	0	0	0					0	0	4	1		3	0	0	0	0	0	0
Z8	0	0	0	2		0	0		0	0	0	0	3	1	0	5					0	0
Z9		0		2	0	0					0	0	4	0	0	4					0	0
Z10						0																
Z11						0										0						
Z12																						
Z13	0	0	0	1	0	0	0	0	0	0	0	1	3	4	0		0	0	0	0	0	0
Z14	0	0	0		4	0	0	0	0	0	0	2	3	3	0						0	0
Z15	0	0	0	1		1															0	0
Z16	0	0	0	1						0	0	0	3	4	0	5					0	0
Z17	0	0	0			0	0	0	0	0											0	0
Z18	0	0	0		2	0	1	0	0	0											3	
Z19																						
Z20				0												1						
Z21																5						
Z22	0	0			0																	0
Z23	0	0	0	2	1	0	0	0	0	0	0	0	3	2	0		0	0	0	0	0	1
Z24	0	0		0																		0
Z25																4						
Z26						0										0						0
Z27			0		0	0	0	0	0		0	1	4	1	0	0	0	0	0	0	0	0
Z28						0																
Z29						0																
Z30				0		0										5						
Z31	0	0	0	1		0					0	0	3	1	0	0	0	0	0	0	0	0
Z32		0			0	0					0	0				0					3	0
Z33			0		2																3	0
Z34	0		0	2	0	0	0			0						0					1	0
Z35		0	0			0	0				0	0	3	1	0	0	0	0	0	0	0	0
Z36							0			0	0	0	4	2	0		0	0	0	0	0	0
Z37				1		0					0	0	4	4	0		0	0	0	0	0	0
Z38	0	0		1		0																0
Z39						0																
Z40						0										0						
Z41						0										0						
Z42			0	3	0	0										5					0	0
Z43	0	1	0	2	0	0	0	0	0	0	0	0	4	3	0	0	0	0	0	0		0
Z44	0		0	2	0		0	0	0	0	0	0	5	1	0	1	0	0	0	0	0	0
Z45				5		0										0						
Z46						0										0						
Z47				1		0										0						
Z48		0									0	0	3	3	0		0	0	0	0	0	
Z49	0	0				0										0						0
Z50	0	0	0	4	1	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0
Z51				2		0					0	0	5	3	0	0						
Z52																						0
Z53	0	1	0		0	0	0	0	0	0											0	0
Z54	0	0	0		0	1	0	0	0	0	0	0	5			0					0	0
Z55				2		0										0						
Z56				3																		
Z57																0						
Z58		0	0	2		0					0	0	5			4					0	0
Z59			0			0	0		0	0	0	0	5	2	0	0					0	
Z60		0				0					0	0	5		0	0					0	0
Z61	0	0	0		0	0	0	0	0	0	0	1	5	5	0		0	0	0	0	0	0
Z62				3		1										0						
Z63				3		0																
Z64				2		0										0						

table 2

evaluation concordance - non-metric dental traits

raw data

	O2- T44	O2- T45	O2- T46	O2- T47	O2- T48	O2- T49	O2- T50	O2- T51	O2- T52	O2- T53	O2- T54	O2- T55	O2- T56	O2- T57	O2- T58	O2- T59
Z1																
Z2	0															
Z3	0	0	0	3			0	0	5	1	1	4	0	0	0	0
Z4	0	0	0	3			0	0	4	2	0	0	0	0	0	0
Z5																
Z6																
Z7	0						0	0	5	2	0	5	0	0	0	0
Z8	0	0	0				0	0	5		2		0	0	0	0
Z9	0		0				0	0	5	1	1		0	0		0
Z10			0			0										
Z11			2			0										
Z12			0													
Z13	0	0		2			0	0	4	1	1	0	0	0	0	0
Z14	0	0		4	0	1	0	0	4	1	2	0	0	0	0	0
Z15	0			2			0	0	4	1	1	0	0	0	0	0
Z16	0		0			0	0	1	4	1	2	0	0	0	0	0
Z17	0	0		3	0		0	0	3		0	0	0	0	0	0
Z18					0											
Z19					0	0										
Z20			0													
Z21			0													
Z22	0		0													
Z23	0	0		3												
Z24	0		0													
Z25			0													
Z26	0		0		0											
Z27	0	0	0				0	0	4	1	0	0	0	0	0	0
Z28			0													
Z29																
Z30			0													
Z31	0	0	0		0		0	0	5	1	2	3	0	0	0	0
Z32	0	0		3												
Z33	0	0	0			0										
Z34	0	0	0		0	0										
Z35	0		0				0	0	5	1	0		0	0	0	0
Z36	0	0		3			0	0	4		1	0	0	0	0	0
Z37	0	0	0	3		0	0	1	4		5	0	0	0	0	0
Z38	0		0	3												
Z39																
Z40																
Z41																
Z42	0	0	0		0				4		0	0	0	0	0	0
Z43	0	0	0	4	0											
Z44	0	0	0	2			0	0	3		0	0	0	0	0	0
Z45			1													
Z46			0													
Z47																
Z48				2			0	0	5	1	0	4	0	0	0	0
Z49	0	0		3												
Z50	0	0	0	3		0	0	0	4	3		0	0	0	0	
Z51					0		0	0	4	1		0	0	0		0
Z52	0				0	3										
Z53	0	0		2	0	0	0	0	4	1	0	0	0	0	0	0
Z54	0	0	0	1			0	0	4	2	0	0	0	0	0	0
Z55			0													
Z56			0													
Z57																
Z58	0		0				0	0	4	1	0	0	0	0	0	0
Z59			0				0	0	4	1	1	0	0	0	0	0
Z60	0		0	1												
Z61	0	0	0	1			0	0	4	1	1	0	0	0	0	0
Z62			0													
Z63			0													
Z64			0													

table 2

evaluation concordance - non-metric dental traits

raw data

	O1a- T1	O1a- T9	O1a- T10	O1a- T11	O1a- T12	O1a- T13	O1a- T14	O1a- T15	O1a- T16	O1a- T17	O1a- T18	O1a- T19	O1a- T20	O1a- T21	O1a- T23	O1a- T24	O1a- T25	O1a- T26	O1a- T27	O1a- T28	O1a- T29	O1a- T30
Z65	0	1	2	0		1	0	1	2	1		0	0	0	0	0	5	6	0		0	0
Z66	0	3	2	0	0	0		2	2	2		0			0	0	5		0	0	0	0
Z67	0	3	1				0	2	2	1	0	0	0		0				0		0	0
Z68	0	3	1	0		0	0	2	0	0	0				0	0	5	6	0	0	0	0
Z69	0		1				0		0	0	0		0	0	0	0	3	6	0		0	0
Z70			0																			
Z71	0		1	0	0	1		1	2	0					0		4		0			
Z72	0	3	1	0		0	0	1	2	0	0	3	0	0	0	0	4	6	1		0	0
Z73	1	3		3	0	0	0		2						0	0	3	6	1	0	0	0
Z74																		6				
Z75				0	0	0						4	0	0				6				
Z76	0	3	1				0	0		0	0			0	0	1	4	2	0	2	0	0
Z77			1		0	0		0	2	2					0	0	4	2	0	0	0	0
Z78	0	3	1	0		0		0	1	0					0	0	5	2	0		0	0
Z79	0		2	2						0							5	5	0		0	0
Z80			1							0												
Z81										0												
Z82	0						0		1	0		1					6	2	0		0	0
Z83	0	3	1	0		1				0	0		0		0	0	4	1	0		0	0
Z84	0		1	3				2		0	0			0	0	0		5	0	0	0	0
Z85	0	3	1		0	0		3		0	0					0				0		
Z86	0				0	0			2	2								5	0	2	0	0
Z87	0		1		0			2	2	0								0		0		
Z88	0				0	1	0		1	0	1	0		0	0	0	3	6	0	0	0	0
Z89	0			0	0		0	4	0	0		3	0	0				2	0	0	0	0
Z90			1					3		0												
Z91			2					2		2											0	
Z92	0	3		0	0	0		2	2						0	0	3	2		3		
Z93			1	0	0	0			0	0				0				2	0	0	0	0
Z94	0	3	1	1	0	0	0		2	0	0	2	0	0	0	0	5	2	0	0	0	0
Z95			2							0												
Z96								2		0										0		
Z97						0		2												0		
Z98	0					1		2												0		
Z99	0		1	0	0	1		1	0	0	0			0	0	0	5	5	0	0		
Z100	0		1	0		1	0	2	0	0	0				0	0	6	5		0		
Z101	0		1	0		0		2		0					0	0	6	6		4		
Z102			1					3		0	1				0	0	6	6		0		
Z103	0			0		0				0	0							6				
Z104																						
Z105			2					1		0										0		
Z106	0		1	1		0	0	1	0	0	0			0	0	0	6	6	0	3	0	0
Z107										0										0		
Z108																						
Z109																				0		
Z110	0		2	0		1	0	0	0	0				0	0	4	6	6	0	2		
Z111	0			0	0	0		0			0									0		
Z112	0		2	0	0	0		0		0	0				0	0		6				
Z113	0		2			0	0	0	0	0	0			0	0	0	6	6		0		
Z114			1							0	0			0	0	0	5	6				
Z115	0																			0		
Z116			1	0	0	1			0	0					0							
Z117										0												
Z118			2					2		0										0		
Z119			2					3		0										0		
Z120	0			0		0	0		2	0	0			0	0		5	5	0	2	0	0
Z121	1		3	0	0	0	0	2	2						0	4	6	6	0		0	0
Z122																	5	6	5	0	0	1
Z123	1			0	0	0	0		0		0			0	4	4	6		0		0	0
Z124	0										0			0		0	6	5	0	0	0	0
Z125	0		2					2		0						0	5			0		
Z126	0			0		0				0					0	0	5	6		2		
Z127			2	1	0	1			2	0					0	0	5	6	0	0		
Z128	0		1				0	1		0	0				0	0	6	6	0	0	0	0
Z129	0		2	0		1				0	1				0	0	6	6				
Z130			1							1										0		
Z131			2							0												
Z132			3							0												
Z133				2	0	1		1	0		0			0	0	0		6	0	0		
Z134	0		2	0		1		0		0	0							4		0		
Z135	0			0				1							0	0	5	5		4		

table 2

evaluation concordance - non-metric dental traits

raw data

	O1a- T31	O1a- T32	O1a- T33	O1a- T43	O1a- T44	O1a- T45	O1a- T46	O1a- T47	O1a- T48	O1a- T49	O1a- T50	O1a- T51	O1a- T52	O1a- T53	O1a- T54	O1a- T55	O1a- T56	O1a- T57	O1a- T58	O1a- T59	O1b- T1	O1b- T9
Z65	0	0	0	0	0	0	0	3	0	0			4		0	0	0	0	0	0	0	1
Z66	0	0	0	0	0			5	0		0	0	4	1	1	0	0	0	0	1	0	3
Z67	0	0	0				0	1			0	0	4	1	1	0	0	0	0	0	0	3
Z68	0	0	0	0	0	0		2	0	0	0	0	4	1	0	0	0	0	0	0	0	
Z69	0	0	0					1			0	0	4	1	0	0	0			0	0	
Z70																						
Z71				0	0		0														0	
Z72	0	0	0	0	0		0	1			0	0	4	1	0	0	0	0	0	0	0	3
Z73	0	0		0	0								5	1		4	0	0	0	0	1	3
Z74																						
Z75				0	0						0	0	4	3	1	0	0	0	0	0		
Z76	0	0	0	0	0	0	0	1			0	0	4	3	0	0	0	0	0	0	0	3
Z77	0	0	0	0	0	0		2			0	0	5	1	1	5	0	0	0	0	0	
Z78	0	1	0	0	0	3	0	2			0	0	4	1	0	0	0	0	1	0	0	3
Z79	0	0	0								0	0	4	1	1	0	0	0	0	0	0	3
Z80							0															
Z81							0															
Z82	0	0	0	0	0	0		5			0	0	4	1	1	0	0	0	0	0	0	
Z83	0	0	0	0	0						0	0	4	1	0	0	0	0	0	0	0	3
Z84	0	0	0	0	0	0	0	2			0	0	4	3	0	0	0	0	0	0	0	
Z85			0	0	0			1			0	0	4	3	0	0	0	0	0	0	0	3
Z86	0	0	0					6			0	0	4	1	0	0	0	0	0	0		
Z87			0					1					4		0	0	0	0	0	1	0	
Z88	0	0	0	0	0		0	1					4	1	0	0	0	0		0	0	1
Z89	0			0	0	0		5			0	0	5	1	0	2	0	0	0	0	0	
Z90																						
Z91																						
Z92			0				0				0	0	4	3	0	0	0	0		0	0	3
Z93	0	0	0	0	0			1			0	0	5	1	1	4	0	0	0	0	0	
Z94	0	0	0	0	0	0	0				0	0	4	1	0	0	0	0	0	0	0	3
Z95																						
Z96							0															
Z97							0															
Z98			0	0	0		0															
Z99			0	0	0		0	1					5		1	5	0	0		0	0	
Z100			0	0	0			1					5		1	5	0	0	0	0	0	
Z101			0	0	0		0										0		0	0	0	
Z102							0	2					5		1	4	0	0		0		
Z103			0	0	0			1													0	
Z104																						
Z105							0															
Z106	0	0	0	0	0		0	1			0	0	5		1	4	0	0	0	0	0	
Z107																						
Z108																						
Z109																						
Z110			0	0	0		0	3					5		0	5	0	0		0	0	
Z111			0	0	0			5					5		1	5	0	0		0	0	
Z112			0				0	1					5		1	4	0	0		0	0	
Z113			0	0	0			2					5	2	0	5	0	0		0	0	
Z114							0	1					4	2	1	0	0	0			0	
Z115											0	0	4	2	1	0	0	0	0	0		
Z116			0	0	0									1								
Z117																						
Z118							0															
Z119																						
Z120	0	0	0	0	0			1			0	0	5	2	1	5	0	0	0	0	0	
Z121	0	0	0	0	0						0	0	5		1	5	0	0	0	0	1	
Z122	1	0					0															
Z123	0	0	0	0	0						0	0	5	1	0	5	0	0	0	0	0	
Z124	0	0	0					1			0	0	4	2	0	0	0	0	0	0	0	
Z125			0	0	0			2					5			5	0	0		0	0	
Z126			0	0	0		0	2					5			3	0	0		0	0	
Z127													5				0			0	0	
Z128	0	0	0	0	0		0	5					5		0	5	0	0		0	0	
Z129			0	0	0								4		0	0	0				0	
Z130																						
Z131							0															
Z132																						
Z133			0	0	0		0	2					5	2	1	5	0	0		0		
Z134			0	0	0			1													0	
Z135							0	6					4		0	0	0	0		0		

table 2

evaluation concordance - non-metric dental traits

raw data

	O1b- T10	O1b- T11	O1b- T12	O1b- T13	O1b- T14	O1b- T15	O1b- T16	O1b- T17	O1b- T18	O1b- T19	O1b- T20	O1b- T21	O1b- T23	O1b- T24	O1b- T25	O1b- T26	O1b- T27	O1b- T28	O1b- T29	O1b- T30	O1b- T31	O1b- T32
Z65	1	0		1	0	1	2	0		0	0	0	0	0	5	5	0	0	0	0	0	0
Z66	1	0		0	0	2	2	2	0	0			0	0	5	5	0	0	0	0	0	0
Z67	1			0	0	2	2	1	0	0	0		0		5	4	0	4	0	0	0	0
Z68	1	0		0	0	2	0	0	0	0	0	0	0	0	5	3	0	0	0	0	0	0
Z69	1						0	0	0		0	0	0	0	4	4	0		0	0	0	0
Z70	0																					
Z71	1	0		1	0	1	2	0					0	0	4	5	0					
Z72	1	0		0	0	1	2	0	0	3	0	0	0	0	4	2	1	0	0	0	0	0
Z73		3	0	1	0		2						0	0	4	4	1	0	0	0	0	0
Z74																						
Z75		0	0	0					0	4	0	0										
Z76	1					0			0	0		0	0	0	5	2	0	3	0	0	0	0
Z77	1					0	2	0					0	0	5	2	0	0	0	0	0	0
Z78	1	0		0		0	1	0					0	0	5	2	0		0	0	0	1
Z79	2	2		0				0					0	0	5	5	0		0	0	0	0
Z80								0														
Z81								0														
Z82					0		1	0	0				0	0	6	2	0		0	0	0	0
Z83	1	0		1				0	0		0		0	0	5	1	0		0	0	0	0
Z84	1	3	0	1		2			0	0	0	0	0	0	5	0	0	0	0	0	0	0
Z85	1			1	0	3		0	0									0				
Z86					0		2						0	0	5	5	0	3	0	0	0	0
Z87	1					2	2	0					0	0	6	0		0				
Z88					0		1	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0
Z89		0	0		0		0	1	0	3	0	0	0	0	5	2	0		0	0	0	
Z90	1							0										0				
Z91	1					2		2										0				
Z92		0		0	0		2	0					0		5	2		2				
Z93	1	0	0	0	0		0		0	3	0	0	0	0	4	2	0	0	0	0	0	0
Z94	1	1	0	1	0	1	2	0	0	3	0	0	0	0	5	2	0	0	0	0	0	0
Z95	2							0														
Z96	1					2		0										0				
Z97						2																
Z98	2			1		2		0										0				
Z99	1	0	0	1		1	0	0	0			0	0	0	5	5	0	0				
Z100	1	0		1	0	2	0	0	0				0		6	5		0				
Z101	1	0		0		1		0					0	0	6	6		4				
Z102	1					1		0	1				0	0	6	6		0				
Z103		0		0				0	0													
Z104																						
Z105	2					1		0														
Z106	1	1		0	0	1	0	0	0			0	0	0	6	6	0	3	0	0	0	0
Z107								0										0				
Z108																						
Z109																		0				
Z110	2	0		1	0	0	0	1				0	0	4	6	6	0	0				
Z111		0		0		0		0										0				
Z112	2	0	0	0				0	0				0	0								
Z113	2				0	0	0	0	0			0	0	0	6	6		0				
Z114	1							0	0			0	0	0	5	6						
Z115																		0				
Z116	1	0		1	0		0	0					0		6	6						
Z117								0														
Z118	2					2		0										0				
Z119	2					3		0										0				
Z120		0		0	0		2	0	0			0	0	0	5	6	0	3	0	0	0	0
Z121	3	0	0	1	0	2	2	0					0	4	6	6	0		0	0	0	0
Z122														5	6	5	0	0	1	0	1	0
Z123	2	0	0	0	0		0		0			0	4	5	6	0	0		0	0	0	0
Z124	2							0				0			6	5	0	0	0	0	0	0
Z125	2					2		3										0				
Z126	2	0		0				0					0		6	6						
Z127	2	1		0	0		2						0	0	5	6	0	0				
Z128	2					1		0					0	0	6	6	0	0	0	0	0	0
Z129	2	0		1				0	0				0		6	6						
Z130	2					0		1														
Z131	2							0														
Z132	3					1		0										0				
Z133	2	2	0	1	0	1	0		0			0	0	0	6	6	0	0				
Z134	2	0		1	0	0			0	0					6	4		0				
Z135	3	0	0	0				0					0	0	5	6						

table 2

evaluation concordance - non-metric dental traits

raw data

	O1b- T33	O1b- T43	O1b- T44	O1b- T45	O1b- T46	O1b- T47	O1b- T48	O1b- T49	O1b- T50	O1b- T51	O1b- T52	O1b- T53	O1b- T54	O1b- T55	O1b- T56	O1b- T57	O1b- T58	O1b- T59	O2- T1	O2- T9	O2- T10	O2- T11
Z65	0	0	0	0	0	1	0	0			4	1	0	0	0	0	0	0	0	3	1	0
Z66	0	0	0			5	0		0	0	4	1	1	0	0	0	0	1	0	1	1	0
Z67	0				0	1			0	0	4	1	1	0	0	0	0	0	0		1	
Z68	0	0	0	0		1	0		0	0	4	1	0	0	0	0	0	0	0		0	0
Z69	0					1			0	0	4	1	1	0	0	0		0	0		0	
Z70																			0		2	
Z71		0	0		0														0		3	0
Z72	0	0	0		0	1			0	0	4	1	0	0	0	0	0	0	0	3	1	0
Z73		0	0						0	0	5	1		4	0	0	0	0	1		1	3
Z74																						
Z75		0	0						0	0	4	3	1	0	0	0	0	0	0		1	0
Z76	0	0	0	0	0	1			0	0	4	3	0	0	0	0	0	0	0	3	2	0
Z77	0	0	0	0		2			0	0	5	1	1	5	0	0	0	0	0		0	
Z78		0	0	3	0	2			0	0	4	1	0	0	0	0	1	0	0		1	0
Z79	0			0					0	0	4	1	0	0	0	0	0	0	0		1	2
Z80					0																	
Z81					0																	
Z82	0	0	0	0		5			0	0	4	1	1	0	0	0	0	0	0			
Z83	0	0	0	0					0	0	4	1	0	0	0	0	0	0	0	3	2	0
Z84	0	0	0	0	0	2			0	0	4	1	0	0	0	0	0	0	0		0	3
Z85	0	0	0			1			0	0	4	3	0	0	0	0	0	0	0	3	1	
Z86	0					6			0	0	4	1	0	0	0	0	0	0	0			
Z87						1					4		0	0	0	0	0	1	0		1	
Z88	0	0	0	0	0	1					4	1	0	0	0	0		0		1		
Z89		0	0	0		5			0	0	5	1	0	2	0	0	0	0	0		0	0
Z90																					0	
Z91																					2	
Z92	0				0				0	0	4	3	0	0	0	0		0	0	3		0
Z93		0	0			1			0	0	5	1	1	4	0	0	0	0	0		1	0
Z94	0	0	0	0	0				0	0	4	1	0	0	0	0	0	0	0	3	0	0
Z95																					2	
Z96					0																1	
Z97					0																	
Z98	0	0	0		0																2	0
Z99	0	0	0		0	1					5		1	5	0	0		0	0		1	0
Z100	0	0	0			1					5		1	5	0	0	0	0	0		1	0
Z101	0	0	0		0											0	0	0	0		1	0
Z102					0	2					5		1	4	0	0		0	0		0	
Z103	0	0	0			1													0			0
Z104																						
Z105					0																3	
Z106	0	0	0		0	1			0	0	5		1	4	0	0	0	0	0		1	1
Z107																					2	
Z108																						
Z109																					2	
Z110	0	0	0		0	1					5		0	5	0	0		0	0		2	0
Z111	0	0	0			5					5		1	5	0	0		0	0			0
Z112					0	1					5		1	4	0	0		0	0		2	0
Z113	0	0	0			1					5	2	1	5	0	0		0	0		2	
Z114	0				0	1					4	2	1	0	0	0		0		1		
Z115									0	0	4		1	0	0	0	0	0				
Z116	0	0	0																0		0	0
Z117																						
Z118					0																1	
Z119																					2	
Z120	0	0	0			1			0	0	5	2	1	5	0	0	0	0	0			0
Z121	0	0	0						0	0	5	2	1	5	0	0	0	0			3	0
Z122					0																	
Z123	0	0	0						0	0	5	1	0	5	0	0	0	0	0		1	0
Z124	0					1			0	0	4	2	0	0	0	0	0	0	0		0	0
Z125	0	0	0			2					5			5	0	0		0	0		3	
Z126		0	0		0	2					5			3	0	0		0	0		0	0
Z127											5					0		0	0		2	1
Z128	0	0	0		0	5					5		0	5	0	0		0	0		1	
Z129	0	0	0								4		0	0	0			0			2	0
Z130					0																2	
Z131					0																2	
Z132					0																3	
Z133	0	0	0		0	2					5	2	1	5	0	0		0	0		0	2
Z134	0	0	0			1												0			2	
Z135					0	6					4		0	0	0	0		0			1	0

table 2

evaluation concordance - non-metric dental traits

raw data

	O2- T12	O2- T13	O2- T14	O2- T15	O2- T16	O2- T17	O2- T18	O2- T19	O2- T20	O2- T21	O2- T23	O2- T24	O2- T25	O2- T26	O2- T27	O2- T28	O2- T29	O2- T30	O2- T31	O2- T32	O2- T33	O2- T43
Z65	0	0	0	0	2	0	0	0	0	0	0	0	4	5	0	0					0	0
Z66	0	0	0	2	0	0					0	0	4	5	0	0					0	0
Z67			0	0	0	1				0	0		4	4	0	3	0	0	0	0	0	0
Z68	0	0	0	2		0	0	0	0	0	0	0	5	3	0	0	0	0	0	0	0	0
Z69			0		1	0		0	0		0	0	3	4	0						0	
Z70																						
Z71	0	0	0	0		0					0	0	5	5	0	0						0
Z72	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0		0	0	0	0	0	0
Z73	0	0	0		0						0	0	4	5	0		0	0	0	0		0
Z74																						
Z75	0	0														0						0
Z76			0		0	0	0	0	0		0	0	5		0		0	0	0	0	0	0
Z77			0	0	2	0					0	0	4		0	0					0	0
Z78		0		0	1	0					0	0	5	2	0		0	0	0	0	0	0
Z79		0				0					0	0	5	5	0		0	0	0	0	0	0
Z80						0																
Z81						0										0						
Z82			0		0	0	0			0	0	0	5	2	0		0	0	0	0	0	0
Z83		0	0			0	0				0	0	4	2	0						0	0
Z84	0	0		2			0		0	0	0	0	4	3	0	3	0	0	0	0	0	0
Z85				2		0										1					0	0
Z86			0		2						0	0	5	5	0	3	0	0	0	0	0	
Z87				1	2	0					0	0	6	0		0						
Z88			0		1	0	0	0	0	0	0	0	5	6	0	0	0	0	0	0	0	0
Z89	0		0		0	0	0	0	0	0	0	0	6	6	0		0	0	0	0	0	0
Z90						0										0						
Z91				2		0										0						
Z92		0	0		2	0					0		5	2		3					0	
Z93	0	0	0		0		0	0		0	0	1	5	1	0		0	0	0	0	0	0
Z94	0	0	0	1	0	0	0	0	0	0	0	0	5	2	0	0	0	0	0	0		0
Z95						0																
Z96				2		0										0						
Z97		0		2																		
Z98				2												0					0	0
Z99	0	1	0	0	0	0	0			0	0	1	6	6	0		0	0	0	0	0	0
Z100	0	0	0	2	0	0	0			0	0	0	5	6		0					0	0
Z101		0	0	0		0					0	0	6	6		3					0	0
Z102				1		0	0			0	0	0	6	6	0	0					0	0
Z103		0				0									0						0	0
Z104																						
Z105				0		0																
Z106	0	0	0	0	0	0	0			0			6	6	0		0	0	0	0	0	0
Z107						0																
Z108																0						
Z109																0						
Z110	0	0	0		0	0	0			0	0	4	6	6	0						0	0
Z111	0	0	0	0	0	0					0	0	5	6	0						0	0
Z112	0	0		0		0				0	0		5	5	0						0	
Z113			0	1		0	0			0	0	0	6	6	0	0					0	0
Z114						0	0			0	0	0	5	6								
Z115																0						
Z116	0	0	0																		0	0
Z117						0																
Z118				2		0																
Z119				2		0										1						
Z120	0	0	0		2	0	0			0	0	0	6	6	0	3	0	0	0	0	0	0
Z121	0	0	0	1	2	0					0	4	5	6	0		0	0	0	0	0	0
Z122											0	5	6	6	0	0	1	0	1	1		
Z123	0	0	0	2	0						0	4	5	6	0		0	0	0	0	0	0
Z124			0				0				0	0	6	6		0					0	
Z125				2		0										0					0	0
Z126		0				0					0		6	6							0	0
Z127		0	0		2						0	0	5	6	0	0						
Z128				1		0	0			0	0	0	6	6	0	0					0	0
Z129		0	0			0	0				0	0	6	6							0	0
Z130				0		0																
Z131						0																
Z132				1		0										0						
Z133	0	0	0	0	0		0			0	0	0	5	6	0						0	0
Z134				0		0					0					0					0	0
Z135	0	0				0					0	0	5	6	0							

table 2

evaluation concordance - non-metric dental traits

raw data

	O2- T44	O2- T45	O2- T46	O2- T47	O2- T48	O2- T49	O2- T50	O2- T51	O2- T52	O2- T53	O2- T54	O2- T55	O2- T56	O2- T57	O2- T58	O2- T59
Z65	0	0	0	1			0	0	4	1	0	0	0	0	0	0
Z66	0			5	0		0	0	4	1	1	0	0	0	0	1
Z67			0				0	0	4	1	1	0	0	0	0	0
Z68	0	0		1	0	0	0	0	4	1	0	0	0	0	0	0
Z69																
Z70																
Z71	0		0													
Z72	0		0	1			0	0	4	3	0	0	0	0	0	0
Z73	0						0	0	5	1		3	0	0	0	0
Z74																
Z75	0						0	0	4	2	1	0	0	0	0	0
Z76	0	0	0	1			0	0	4	3	0	0	0	0	0	0
Z77	0	0	0				0	0	5	1	1	4	0	0	0	0
Z78	0	0	0	1			0	0	4	1	0	0	0	0	1	0
Z79		0	1				0	0	4	1	1	0	0	0	0	0
Z80			0													
Z81																
Z82	0	0		1			0	0	4	1	1	0	0	0	0	0
Z83	0	0		1			0	0	4	1	0	0	0	0	0	0
Z84	0	0	0	1			0	0	4	3	0	0	0	0	0	0
Z85	0	0		1			0	0	4	3	0	0	0	0	0	0
Z86				6			0	0	4	1	0	0	0	0	0	0
Z87				1					4		0	0	0	0	0	1
Z88	0	0	0	1					4	1	0	0	0	0		0
Z89	0	0	0	1			0	0	5		0	4	0	0	0	0
Z90			0													
Z91																
Z92			0				0	0	4	3	0	0	0	0		0
Z93	0		0	1			0	0	5	2	1	3	0	0	0	0
Z94	0	0	0				0	0	4	3	0	0	0	0	0	
Z95			0													
Z96			0													
Z97			0													
Z98	0		0													
Z99	0		0	2			0	0	5		1	4	0	0	0	0
Z100	0			1					5		1	5	0	0		0
Z101	0		0													
Z102			0	1					5		2	5	0	0	0	0
Z103	0			1												
Z104																
Z105			0													
Z106	0		0	1			0	0	5	2	1	4	0	0	0	0
Z107																
Z108																
Z109																
Z110	0		0	1			0	0	5		0	5	0	0		0
Z111	0		0	6					5		1	5	0	0		0
Z112			0						5		1		0	0		0
Z113	0		2	1			0	0	5		0	5	0	0		0
Z114			0													
Z115							0	0	4	2	1	0	0	0	0	0
Z116	0															
Z117																
Z118			0													
Z119																
Z120	0			1			0	0	5	2	1	5	0	0	0	0
Z121	0						0	0	5	2	1	5	0	0	0	0
Z122			0													
Z123	0		0				0	0	5	2	0	4	0	0	0	0
Z124			0	1					5	2	0	5	0	0	0	0
Z125	0								5		1		0	0		0
Z126	0		0	1					5			3	0	0		0
Z127			0						5							
Z128	0		0	6			0	0	5		0		0	0		0
Z129	0		0	1												
Z130			0													
Z131			0													
Z132			0													
Z133	0		0	1					5	2	1		0	0	0	0
Z134	0			1												
Z135			0	6					4		0	0	0	0	0	0

table 2

evaluation concordance - non-metric dental traits

raw data

	O1a- T1	O1a- T9	O1a- T10	O1a- T11	O1a- T12	O1a- T13	O1a- T14	O1a- T15	O1a- T16	O1a- T17	O1a- T18	O1a- T19	O1a- T20	O1a- T21	O1a- T23	O1a- T24	O1a- T25	O1a- T26	O1a- T27	O1a- T28	O1a- T29	O1a- T30
Z136	0		2					1		0					0	0	6			0		
Z137	0			0			0			0	0				0	0	6	6		0		
Z138	0			0	0		0		0	1	0			0	0	0	6	6	0		0	0
Z139								1		0										0		
Z140								2		0										0		
Z141										1										0		
Z142	0			0	0	0	0		0	0					0		6	6		0		
Z143	0			0	0	0	0		0		0			0	0	0	5	5	0	0	0	0
Z144	0			0	0	1	0	4	0	0	0			0	0	0	6	6	0	4	0	0
Z145							0	2										4		0		
Z146	0							2												0		
Z147	0			3	0	0		4	0	0	0			0	0		6	5		0	0	
Z148	0			0	0	0	0		0	0	0				0	0	6	4		0		
Z149	0			0		0									0	0	6	4		0		
Z150								0							0	0	6	3				
Z151	0			1	0	0									0	0	6	0				
Z152	0			0	0	0	0	3	0	0	0			0	0	0	6	5	0	2	0	0
Z153								3												3		
Z154	0			0		0	0		0	0				0	0		6	5	0			
Z155	0			3	0	0		2			0							6				
Z156																				0		
Z157										0												
Z158																				0		
Z159	0			0	0	0	0	2	1		0				0	0	5	6				
Z160															0	0	4	3	0		0	
Z161																				0		
Z162							0	1	0	0										0		
Z163							0		0	0					0	0	5	3	0		0	
Z164									0	0												
Z165							0		2											0		
Z166								2	0	0					0	0	4	0	0		0	
Z167								1		2										0		
Z168								2		0										0		
Z169										1										3		
Z170							0	1	5	0					0	0	4	4	0	0	0	
Z171							0		4	0					0	1	5	3		0	0	
Z172									2						0	0	4	4	0		0	
Z173							0	1	2	0					0	1	5	3	1		0	
Z174							0	2	0	0					0	0	4	0	0	5	0	
Z175							0	0	3													
Z176										0												
Z177								0												5		
Z178							0	3	1	0					0	0	3	1	0	5	0	
Z179								2														
Z180								2												0		
Z181								2		0										5		
Z182										0										0		
Z183								2		0												
Z184							0		0	0												
Z185									0						0	0	5	0	0		0	
Z186								1								0	5			5		
Z187									0	0					0	0	4					
Z188									2	0						0	5					
Z189							0	2								0	6					
Z190								0		0						0	5			0		
Z191							0	4	2	0						0	0			0		
Z192								3	3	0					0			0			0	
Z193								3												0		
Z194								2												3		
Z195										0										0		
Z196								1	4	0						0	5			0		
Z197									0						4	0	4	0	0		0	
Z198							0	2	0	0					0	0	5	3	0	0	0	
Z199								2												0		
Z200								2		0										5		
Z201							0	1	0	0						0	5			0		
Z202							0	2		0						0				0		
Z203							0	2								0	4			3		
Z204							0	3	1	0					0	0	5	2	0	0	0	
Z205	0			0	0	0	0			0	0			0	0	0	6	4				
Z206	0										0			0	0	0	5	2	0			

table 2

evaluation concordance - non-metric dental traits

raw data

	O1a- T31	O1a- T32	O1a- T33	O1a- T43	O1a- T44	O1a- T45	O1a- T46	O1a- T47	O1a- T48	O1a- T49	O1a- T50	O1a- T51	O1a- T52	O1a- T53	O1a- T54	O1a- T55	O1a- T56	O1a- T57	O1a- T58	O1a- T59	O1b- T1	O1b- T9
Z136			0				0	6													0	
Z137			0	0	0			1					5		0	5	0	0		0	0	
Z138	0		0	0	0			5			0	0	5	2	0	5	0	0	0	0	0	
Z139																						
Z140																						
Z141																						
Z142			0										5		0	5	0	0		0	0	
Z143	0	0	0	0	0			1			0	0	5	2	1	5	0	0	0	0	0	
Z144	0	0	0	0	0						0	0	5	2	0	5	0		0			
Z145																						
Z146			0	0	0			4														
Z147			0	0	0			2					5		0	5	0	0	0	0	0	
Z148			0	0	0			2					5		1	5	0	0	0	0	0	
Z149			0	0	0													0		0	0	
Z150				0	0								5		1	4		0		0		
Z151			0	0	0										0			0		0	0	
Z152	0	0	0	0	0			2			0	0	5		1	4	0	0	0	0	0	
Z153																						
Z154			0	0	0			2					5		0	5	0	0		0	0	
Z155			0	0	0			2					5		1	5	0	0		0	0	
Z156																						
Z157																						
Z158																						
Z159				0	0			2								5		0			0	
Z160	0	0																				
Z161											0											
Z162			0								0	0	5	1	0	4	0	0	0	0	0	
Z163	0	0	0									0	4	1	0	0	0	0	0	0	0	
Z164			0								0							0				
Z165			0								0		5		1	5		0	0	0	0	
Z166	0	0	0								0	0	4	1	0	0	0	0	0	0	0	
Z167																						
Z168																						
Z169																						
Z170	0	0	0								0	0	5	1	1	3	0	0	0	0	0	
Z171	0	0	0								0	0	4	1	0	0	0	0	0	0	0	
Z172	0	0	0								0	0	4	2	2	0	0	0	0	0	0	
Z173	0	0	0								0	0	5	1	2	5	0	0	0	0	0	
Z174	0	0	0									0	4	1	2	0	0	0	0	0	0	
Z175											0											
Z176																						
Z177																						
Z178	0	0	0																			
Z179																						
Z180																						
Z181																						
Z182																						
Z183																						
Z184																						
Z185	0	0	0								0	0	4	2	0	0	0	0	0	0	0	
Z186			0								0	0	5		2	5	0	0		0		
Z187											0	0	5	1	0	3	0	0		0		
Z188			3																			
Z189			3																			
Z190			0								0	0	4	1	0	0	0	0	0	0	0	
Z191			0								0	0	4	1	2	0	0	0	0	0	0	
Z192	0		0								0	1	4	1	5	0	0	0	0	0	0	
Z193																						
Z194																						
Z195																						
Z196			0								0	0	4	1	2	0	0	0	0	0	0	
Z197	0	0	0																			
Z198	0																					
Z199																						
Z200																						
Z201																						
Z202			0								0	0	5	1	0	5	0	0	0	0	0	
Z203																						
Z204	0	0	0								0	0	4	1	1	0	0	0	0	0	0	
Z205			0	0	0			2					5		1	0	0	0		0	0	
Z206			0	1	0								4		1	0	0	0			0	

table 2

evaluation concordance - non-metric dental traits

raw data

	O1b- T10	O1b- T11	O1b- T12	O1b- T13	O1b- T14	O1b- T15	O1b- T16	O1b- T17	O1b- T18	O1b- T19	O1b- T20	O1b- T21	O1b- T23	O1b- T24	O1b- T25	O1b- T26	O1b- T27	O1b- T28	O1b- T29	O1b- T30	O1b- T31	O1b- T32
Z136	2					1		0	0			0	0	0	6	4		0				
Z137		0		1				0	0			0	0	0	6	6		0				
Z138		0	0		0		0		0			0	0	0	6		0		0	0	0	
Z139						1		0										0				
Z140						2		0										0				
Z141								1										0				
Z142		0		0	0		0	0					0	0	6	6		0				
Z143					0		0	0	0			0	0	2	5	5	0	0	0	0	0	0
Z144		0	0	1	0	4	0	0	0			0	0	0	6	6	0	2	0	0	0	0
Z145					0	2												0				
Z146						2												0				
Z147		3	0	0		4	0	0	0			0	0	0	6	5		0	0			
Z148		0	0	0	0		0	0	0				0	0	6	5		0				
Z149		0		0									0	0	6	6		0				
Z150						1							0	0	6	6						
Z151		1	0	0									0	0	6	6						
Z152		0	0	0	0	3	0	0	0			0	0	0	6	6	0	0	0	0	0	0
Z153					3													3				
Z154		0		0	0		0	0				0	0		6	6	0					
Z155		3		0		2			0													
Z156																		0				
Z157						4		0										0				
Z158					3													4				
Z159		0	0	0	0	3	1		0				0	0	5	6		0			0	0
Z160					2								0	0	4	3	0	3	0		0	0
Z161				0														0				
Z162				0	2	0	0											0				
Z163						0	0						0	0	5	3	0		0		0	0
Z164				0	3	0	0											0				
Z165					3	2																
Z166				0	2	0	0						0	0	4	0	0	0	0		0	0
Z167					1			2										0				
Z168					2			0										0				
Z169					2			0										3				
Z170				0	3	5	0						0	0	4	4	0	0	0		0	0
Z171				0		4	1							1	5	3	0	0			0	0
Z172				0		2								0	0	4	4	0		0		0
Z173				0	1	2	0							1	5	3	1		0		0	0
Z174					2	0	0							0	0	4	0	0	5	0		0
Z175					0	3																
Z176								0														
Z177				0	0													5				
Z178					3	1	0						0	0	3	1	0	5	0		0	0
Z179					2			0														
Z180				0	2													0				
Z181					2			0										5				
Z182					0			0										0				
Z183					2			0														
Z184				0		0	0															
Z185						0							0	0	5	0	0		0		0	0
Z186						1		3										5				
Z187				0		0	0						0	0								
Z188				0		2	0															
Z189					2			0														
Z190				0	0			0										0				
Z191				0		2	0															
Z192				0		3	0						0	0	4	0			0		0	
Z193					3																	
Z194																						
Z195								0														
Z196				0	1	4	0															
Z197				0		0	0						4	0	4	0	0	0	0		0	0
Z198				0	2	0	0						0	0	3	3	0	0	0		0	
Z199																		0				
Z200					0			0										5				
Z201					1	0																
Z202				0				0														
Z203				0	2			0										3				
Z204					2	1	0						0	0	3	2	0	0	0		0	0
Z205		0		0				0	0			0	0	0	6	6						
Z206								0				0	0	0	5	6	0					

table 2

evaluation concordance - non-metric dental traits

raw data

	O1b- T33	O1b- T43	O1b- T44	O1b- T45	O1b- T46	O1b- T47	O1b- T48	O1b- T49	O1b- T50	O1b- T51	O1b- T52	O1b- T53	O1b- T54	O1b- T55	O1b- T56	O1b- T57	O1b- T58	O1b- T59	O2- T1	O2- T9	O2- T10	O2- T11
Z136					0	1													0		1	
Z137	0	0	0			1					5		0	5	0	0		0				0
Z138	0	0	0			5			0	0	5	2	0	5	0	0	0	0	0			0
Z139																						
Z140																						
Z141																						
Z142	0										5		0	5	0	0		0	0			0
Z143		0	0			1			0	0	5	2	1	5	0	0	0	0	0			
Z144	0	0	0			1			0	0	5	2	0	5	0		0		0			0
Z145																			0			
Z146	0	0	0			4																
Z147	0	0	0			2					5		0	5	0	0	0	0	0			3
Z148	0	0	0			2					5		1	5	0	0	0	0	0			0
Z149	0	0	0													0		0	0			0
Z150		0	0								5		1	4		0		0	0			
Z151	0	0	0								5		0			0		0	0			1
Z152	0	0	0			2			0	0	5		1	4	0	0	0	0	0			0
Z153																						
Z154	0	0	0			2					5		0	5	0	0		0	0			0
Z155	0	0	0			2					5		1	5	0	0		0	0			3
Z156																						
Z157																						
Z158																						
Z159		0	0			2										0			0			0
Z160																						
Z161																						
Z162	0								0	0	5	1	0	4	0	0	0	0	0			
Z163	0									0	4	1	0	0	0	0	0	0	0			
Z164	0															0						
Z165	0										5		1	5		0	0	0	0			
Z166	0								0	0	4	1	0	0	0	0	0	0	0			
Z167																						
Z168																						
Z169																						
Z170	0								0	0	5	1	1	3	0	0	0	0	0			
Z171	0										4	1	1	0	0	0	0	0	0			
Z172	0								0	0	4	2	2	0	0	0	0	0	0			
Z173	0								0	0	5	1	1	5	0	0	0	0	0			
Z174	0								0	0	4	1	1	0	0	0	0	0	0			
Z175																						
Z176																						
Z177																						
Z178	0																					
Z179																						
Z180																						
Z181																						
Z182																						
Z183																						
Z184																						
Z185	0								0	0	4	2	0	0	0	0	0	0	0			
Z186	0								0	0	5		2	5	0	0		0				
Z187									0	0	5	1	0	3	0	0		0				
Z188	3																					
Z189	3																					
Z190	0								0	0	4	1	0	0	0	0	0	0	0			
Z191	0								0	0	4	1	0	0	0	0	0	0	0			
Z192	0								0	1	4	1	5	0	0	0	0	0	0			
Z193																						
Z194																						
Z195																						
Z196	0								0	0	4	1	2	0	0	0	0	0	0			
Z197	0																					
Z198																						
Z199																						
Z200																						
Z201																						
Z202	0								0	0	5	1	0	4	0	0	0	0	0			
Z203																						
Z204	0								0	0	4	1	1	0	0	0	0	0	0			
Z205	0	0	0			2					5	2	1	4	0	0		0	0			0
Z206	0	0	0								4	2	1	0	0	0			0			

table 2

evaluation concordance - non-metric dental traits

raw data

	O2- T12	O2- T13	O2- T14	O2- T15	O2- T16	O2- T17	O2- T18	O2- T19	O2- T20	O2- T21	O2- T23	O2- T24	O2- T25	O2- T26	O2- T27	O2- T28	O2- T29	O2- T30	O2- T31	O2- T32	O2- T33	O2- T43	
Z136				1		0	0			0	0	0	6	4		0							
Z137		1				0	0			0	0	0	6	6	0							0	0
Z138	0		0		1	0	0			0												0	0
Z139				1		0										0							
Z140				1		1																	
Z141						1																	
Z142		0	0		0	0					0	0	6	6		0						0	
Z143			0		0	0	0			0	0	3	6	6	0	0	0	0	0	0	0	0	0
Z144	0	0	0	3	0	0	0			0	0	2	6	6	0	2	0	0	0	0	0	0	0
Z145				2																			
Z146				2																		0	0
Z147	0	0	0	4	0	0	0			0						0						0	0
Z148	0	0	0		0	0	0			0	0	0	5	5		0						0	0
Z149		0	0			0					0	0	6	6		1						0	0
Z150				1			0			0	0	0	6	6	0							0	0
Z151		0				0					0	0	5	6	0	0						0	0
Z152	0	0	0	4	0	0	0			0			6	6	0	2	0	0	0	0	0	0	0
Z153				2												0							
Z154	0	0	0		0	0	0			0	0		6	6	0							0	0
Z155	0	0	0	2	0	0																0	0
Z156																2							
Z157				2		0																	
Z158				3												4							
Z159	0	0	0	3	0					0	0	0	5	6	0	0		0	0	0	0	0	0
Z160				2							0	0	4	2	0		0	0	0	0			
Z161																0							
Z162			0	2	0	0										0						0	
Z163			0		1	0					0	0	4	3			0	0	0	0	0	0	0
Z164			0	3		0										0						0	0
Z165			0	3																		0	0
Z166				2	0	0					0	0	4	0	0	0						0	0
Z167				0		1										0							
Z168				2		0										0							
Z169				0		0										3							
Z170			0	2	0	0					0	1	3	3	0	0	0	0	0	0	0	0	0
Z171			0		4	0					0		3		0	0						0	0
Z172			0		4	0					0	0	3	4	0							0	0
Z173			0	0	0	0					0	1	4	2	0		0	0	0	0	0	0	0
Z174			0	1		0					0	0	4	0	0		0	0	0	0	0	0	0
Z175			0		2																	3	
Z176						0																	
Z177				0												5							
Z178			0	2	1	0					0	0	3	0	0	5	0	0	0	0	0	0	0
Z179				2		0																	
Z180																							
Z181				1		0										3							
Z182						0										0							
Z183				1		0																	
Z184			0		0	0																	
Z185			0		0						0	0	4	0	0		0	0	0	0	0	0	0
Z186			0	1		0										5						0	0
Z187					0	0					0	0										2	0
Z188			0		2	0																3	0
Z189			0	1	0	0																1	0
Z190			0	0		0										0						0	0
Z191			0		4	0																0	0
Z192						0																0	0
Z193				2																			
Z194																							
Z195						0																	
Z196			0	1	4	0																0	0
Z197			0		0	0					4	0	4	0	0		0	0	0	0	0	0	0
Z198			0	2	0	0					0	0	3	3	0		0	0	0	0	0		
Z199																0							
Z200				0		0										5							
Z201			0	1	0	0					0	0	5	1	0	0	0	0	0	0	0	0	0
Z202						0																0	0
Z203						0										3							
Z204			0	2	1	0					0	0	3	0	0	0	0	0	0	0	0	0	0
Z205	0	0				0	0			0	0	0	6	6								0	0
Z206											0	0	5	6									0

table 2

evaluation concordance - non-metric dental traits

raw data

	O2- T44	O2- T45	O2- T46	O2- T47	O2- T48	O2- T49	O2- T50	O2- T51	O2- T52	O2- T53	O2- T54	O2- T55	O2- T56	O2- T57	O2- T58	O2- T59
Z136			0	1												
Z137	0			1					5		0	5	0	0		0
Z138	0			1												
Z139																
Z140																
Z141																
Z142									5		0	5	0	0		0
Z143	0			1			0		5	2	1	5	0	0	0	0
Z144	0			0			0	0	5	2	0	5	0		0	
Z145																
Z146	0															
Z147	0			3			0	0	5		0	4	0	0	0	0
Z148	0			2					5		1		0	0		0
Z149	0															
Z150	0			3					5		2	5	0	0	0	0
Z151									5		0	5	0	0		0
Z152	0			2			0	0	5	2	1	4	0	0	0	0
Z153																
Z154	0			4			0	0	5		0	5	0	0		0
Z155	0								5		1	5	0	0		0
Z156																
Z157																
Z158																
Z159	0								5				0	0		0
Z160																
Z161																
Z162							0	0	5	1	0	3	0	0	0	0
Z163							0	0	4	2	0	0	0	0	0	0
Z164																
Z165							0	0	5		2		0	0	0	0
Z166							0	0	4	1	0	0	0	0	0	0
Z167																
Z168																
Z169																
Z170							0	0	4	1	1	0	0	0	0	0
Z171							0	0	4	1	2	0	0	0	0	0
Z172							0	0	4	2	2	0	0			0
Z173							0	0	5	1	2	3	0	0	0	0
Z174							0	0	4	1	2	0	0	0		0
Z175																
Z176																
Z177																
Z178																
Z179																
Z180																
Z181																
Z182																
Z183																
Z184																
Z185							0	0	4	1	0	0	0	0	0	0
Z186							0	0	5		2		0	0	0	0
Z187							0	0	5		0	3	0	0		0
Z188																
Z189																
Z190							0	0	4	1	0	0	0	0	0	0
Z191							0	0	4	1	2	0	0	0	0	0
Z192							0	1	4	2	5	0	0	0	0	0
Z193																
Z194																
Z195																
Z196							0	0	4	1	2	0	0	0	0	0
Z197																
Z198																
Z199																
Z200																
Z201							0	0	4	3	0	0	0	0	0	0
Z202							0	0	5	1	0	4	0	0	0	0
Z203																
Z204							0	0	4	3	2	0	0	0	0	
Z205	0						0	0	5	2	0	5	0	0		0
Z206	0															

table 2

evaluation concordance - non-metric dental traits

raw data

	O1a- T1	O1a- T9	O1a- T10	O1a- T11	O1a- T12	O1a- T13	O1a- T14	O1a- T15	O1a- T16	O1a- T17	O1a- T18	O1a- T19	O1a- T20	O1a- T21	O1a- T23	O1a- T24	O1a- T25	O1a- T26	O1a- T27	O1a- T28	O1a- T29	O1a- T30
Z207				0																		
Z208	0								0	0												
Z209	0			0	0	0	0		2	0	0			1	0	4	5	3	0		0	0
Z210				0	0	0	0		2						0	4	6	4	0		0	0
Z211																5	6		0		1	1
Z212	0			0	0	0	0		0	0	0			0								
Z213	0			0							0			0	0		6	5	0		0	0
Z214	0			1						3												
Z215	0			0		0				0					0		6					
Z216	0			0	0	1			2						0		5		0			
Z217	0			0						0					0	0	6	6	0		0	
Z218																						
Z219										0												
Z220										0												
Z221	0			0		1				0	0				0		6	6				
Z222	0			1	0	1	0		0		0			0	0	0	0	6	0			
Z223	0			0	0	1				0	0						6					
Z224	0			0	0	0			0	0						0	6					
Z225	0			0						0	0				0	0	6	4				
Z226	0			0	0	1			0	0	0				0	0	6	6				
Z227										0												
Z228										0												
Z229										0												
Z230	0			0	0		0		0	0	1			0	0	0	6	6	0		0	0
Z231	0			2	0	0	0		0	0					0	0	6					
Z232	0			0			0			0	0			0		2	5					
Z233	0			0	0	1	0		0	0	0			0	0	0	6	6	0		0	0
Z234	0									0					0	0	5	4	0			0
Z235																						
Z236	0						0		0	0					0	0	5	5	0		0	
Z237	0						0		2	0					0	0	5	4				0
Z238	0														0	0	5	4			0	
Z239	0														0	0	5	3	0		0	
Z240	0								0						0	0	6	0	0		0	0
Z241										0												
Z242																						
Z243										0												
Z244	0						0		2	0					0	0	5	5	0		0	0
Z245	0						0		2	0					0	0	5	5	0		0	0
Z246	0								2						0	0	5	6	0		0	0
Z247	0						0		2	0					0	0	5	6	0		0	0
Z248							0		0	0					0	0	5	4	0		0	0
Z249	3														0	0	4	2	0		0	
Z250							0		0													
Z251										0												
Z252	0						0		2	0					0	0	4	3	0		0	0
Z253							0		2						0	0	4	4	0		0	
Z254																						
Z255							0		1	0												
Z256	0														0	0	6	2	0		0	0
Z257									1						0			2	0		0	
Z258	0								1	0					6		6	3	0		0	
Z259									2	0					0			5	0		0	
Z260	0								1						0	0	6	2	0		0	
Z261	0									0					0		5	0	0		0	
Z262	0						0		1	0					0	0	5	1	0		0	
Z263	0									0												0
Z264	0								2						0			5	0			
Z265	0								2						0	0	6	4				0
Z266																						
Z267										1												
Z268										0												
Z269	0						0		2						0	0	5	6	0		0	0
Z270	0						0		0	0					0	0	6	2	0		0	
Z271	0						0		2	0					0	0	6					
Z272	0								0	0					0			2	0		0	
Z273	0						0		2	0					0	1	6	2	0		0	0

table 2

evaluation concordance - non-metric dental traits

raw data

	O1a- T31	O1a- T32	O1a- T33	O1a- T43	O1a- T44	O1a- T45	O1a- T46	O1a- T47	O1a- T48	O1a- T49	O1a- T50	O1a- T51	O1a- T52	O1a- T53	O1a- T54	O1a- T55	O1a- T56	O1a- T57	O1a- T58	O1a- T59	O1b- T1	O1b- T9
Z207																						
Z208			0	0	0																	
Z209	0	0	0	0	0			2			0	0	5	2	1	5	0	0	0	0	0	
Z210	0	0	0								1	0	5	2	1	5	0	0	0	0		
Z211	1	1									0	0	5	2	1	4	0	0	0	0		
Z212			0	0	0						0	0	5	1	1	5	0	0	0	0	0	
Z213	0	0	0	1	0			3			0	0	4	2	0	0	0	0	0	0	0	
Z214			0	0	0								5		0	5	0	0		0		
Z215								2							1	3		0		0		
Z216		0		0	0																0	
Z217			0	0	0											5					0	
Z218																						
Z219																						
Z220																						
Z221			0	0	0								4		0	0	0	0		0	0	
Z222			0	0	0			4					5	1	1	5	0	0		0	0	
Z223			0	0	0																0	
Z224				0	0			3					4		0	0	0	0		0		
Z225																					0	
Z226			0	0	0			4					5		0	5	0	0		0	0	
Z227																						
Z228																						
Z229																						
Z230	0		0	0	0			3			0	0	5	2	0	5	0	0	1	0	0	
Z231			0					2					5		0	4	0	0		0	0	
Z232				0	0			3			0	0	5	1	1	5	0	0	0	0	0	
Z233	0	0	0	0	0			2			0	0	5	2	0	5	0	0	0	0		
Z234																					0	
Z235			0								0	0	4	1	0	0	0	0	0	0		
Z236	0	0	0								1	0	4	1	0	0	0	0	0	0	0	
Z237			0																		0	
Z238	0	0	0								0	0	4	3	0	0		0		0	0	
Z239	0	0	0								0	0	4		1	0		0	0	0	0	
Z240	0	0	0								0	0	4	3	0	0	0	0	0	0	0	
Z241																						
Z242																						
Z243																						
Z244	0	0	0								0	0	4	1	1	0	0	0	0	0	0	
Z245	0	0	0										4	1	0	0	0	0	0	0	0	
Z246	0	0	0								0	0	4	1	1	0	0	0	0	1	0	
Z247	0	0	0								0	0	4	1	1	0	0	0	0	0	0	
Z248	0	0	0																		0	
Z249	0	0	0								0	0	4	1	1	0	0	0		0		
Z250																						
Z251																						
Z252	0	0	0								0	0	4	1	0	0	0	0	0	0	0	
Z253	0	0									0	0	4	1		0	0	0	0			
Z254																						
Z255																						
Z256	0	0	0								0	0	4	2	0	0	0	0	0	0	0	
Z257	0	0	0								0	0	4	3	0	0	0	0	0	0	0	
Z258	0	0											4		0	0	0	0		0	2	
Z259	0	0	0								0	0	4	1	0	0	0	0	0	0	3	
Z260	0	0	0								0	0	5	1	1	0	0	0	0	0	0	
Z261	0	0	0								0	0	4	1	0	0	0	0	0	0		
Z262	0	0	0								0	0	4	3	0	0	0	0	0	0	0	
Z263			0								0	0	4	3	0	0	0	0	0	0	0	
Z264		0	0																			
Z265			0										4		0	0	0	0			0	
Z266																						
Z267																						
Z268																						
Z269	0	0	0								0	0	4	1	0	0	0	0		0	0	
Z270	0										0	0	4	2	0	0	0	0	0	0		
Z271			0								0	0	4	3	0	0	0	0		0	0	
Z272	0	0	0								0	0	5	1	1	3	0	0	0	0		
Z273	0	0	0								0	0	4	1	0	0	0	0	0	0		

table 2

evaluation concordance - non-metric dental traits

raw data

	O1b- T10	O1b- T11	O1b- T12	O1b- T13	O1b- T14	O1b- T15	O1b- T16	O1b- T17	O1b- T18	O1b- T19	O1b- T20	O1b- T21	O1b- T23	O1b- T24	O1b- T25	O1b- T26	O1b- T27	O1b- T28	O1b- T29	O1b- T30	O1b- T31	O1b- T32
Z207			0												6	6						
Z208					0		0	0							5	5	0		0	0	0	0
Z209		0	0	0	0		2	0	0			0	0	4	5	5	0		0	0	0	0
Z210		0	0	0	0		2	0					0	4	6	6	0		0	0	0	0
Z211															6	5	0		1	1	1	1
Z212		0	0	0	0		0	0	0			0										
Z213		0							0			0	0	0	6	5	0		0	0	0	0
Z214		1	0	0																		
Z215		0		0				0					0		6							
Z216		0		0	0		2	0					0	0	5	5	0					0
Z217		0		1									0	0	6	6	0		0			
Z218																						
Z219								0														
Z220								0														
Z221		0		1				0	0				0		6	6						
Z222		1	0	1	0		0	0	0			0	0	0	6	6	0					
Z223		0		0	0			0	0													
Z224		0	0	0	0		0															
Z225		0		0					0			0	0	0	6	5						
Z226		0		1	0		0		0			0	0	0	6	6						
Z227								0														
Z228								0														
Z229								0														
Z230		0	0		0		0		1			0	0	0	6	6	0		0	0	0	
Z231		2		0	0		0	0					0	0	6							
Z232		0	0	0				0	1			0										
Z233		0	0	0	0		0	0	0			0	0	0	6	6	0		0	0	0	0
Z234								0					0	0	5	4	0			0		
Z235																						
Z236					0		0	0					0	0	5	5	0		0		0	0
Z237					0		2	0					0	0	5	4				0		
Z238													0	0	5	4			0		0	0
Z239													0	0	5	3	0		0		0	0
Z240							0						0	0	6	0	0		0	0	0	0
Z241								0														
Z242																						
Z243								0														
Z244					0		2	0					0	0	5	5	0		0	0	0	0
Z245					0		2	0					0	0	5	5	0		0	0	0	0
Z246					0		2						0	0	5	6	0		0	0	0	0
Z247					0		2	0					0	0	5	6	0		0	0	0	0
Z248					0		0						0	0	5	4	0		0	0	0	0
Z249													0	0	3	2	0		0		0	0
Z250					0		0															
Z251								0														
Z252					0		2	0					0	0	4	3	0		0	0	0	0
Z253					0		2	0					0	0	4	4	0		0		0	0
Z254																						
Z255					0		1	0														
Z256													0	0	5	2	0		0	0	0	0
Z257							1						0	0	5	2	0		0		0	0
Z258							1	0					6	0	4	3	0		0		0	0
Z259					0		2	0					0	0	4	5	0		0		0	0
Z260					0		1						0	0	6	2	0		0		0	0
Z261								0					0	0	5	0	0		0		0	0
Z262					0		1	0					0	0	5	1	0		0		0	0
Z263					0			0											0			
Z264					0		2	0					0	0	6	5	0					0
Z265							2						0	0	5	4				0		
Z266																						
Z267								1														
Z268								0														
Z269					0		2	0					0	0	5	6	0		0	0	0	0
Z270					0		0						0	0	5	2	0		0		0	
Z271					0		2	0					0	0	2							
Z272					0		0						0	0	4	2	0		0		0	0
Z273					0		2	0					0	0	5	2	0		0	0	0	0

table 2

evaluation concordance - non-metric dental traits

raw data

	O1b- T33	O1b- T43	O1b- T44	O1b- T45	O1b- T46	O1b- T47	O1b- T48	O1b- T49	O1b- T50	O1b- T51	O1b- T52	O1b- T53	O1b- T54	O1b- T55	O1b- T56	O1b- T57	O1b- T58	O1b- T59	O2- T1	O2- T9	O2- T10	O2- T11
Z207																			0			0
Z208	0	0	0																0			
Z209	0	0	1			2			0	0	5	2	1	5	0	0	0	0	0			0
Z210	0								1	0	5	2	1	5	0	0	0	0	1			0
Z211									0	0	5	2	1	5	0	0	0	0				
Z212	0	0	0						0	0	5	1	1	5	0	0	0	0				0
Z213	0	1	0			3			0	0	4	2	0	0	0	0	0	0	0			0
Z214	0	0	0									5		0	5	0	0	0	0			1
Z215						2							1			0		0	0			0
Z216		0	0																0			0
Z217	0	0	0																0			0
Z218																						
Z219																						
Z220																						
Z221	0	0	0								4		0	0	0	0		0	0			0
Z222	0	0	0			4					5	1	1	5	0	0		0	0			0
Z223	0	0	0																0			
Z224		0	0			3					4		0	0	0	0		0	0			0
Z225						6													0			0
Z226	0	0	0			4					5		0	5	0	0		0				0
Z227																						
Z228																						
Z229																						
Z230	0	0	0			3			0	0	5	2	0	5	0	0	1	0	0			0
Z231	0					2					5		0	5	0	0	0	0	0			2
Z232		0	0			3			0	0	5	1	1	5	0	0	0	0	0			0
Z233	0	0	0			1			0	0	5	2	0	5	0	0	0	0	0			0
Z234																			0			
Z235	0								0	0	4	1	0	0	0	0	0	0				
Z236	0								1	0	4	1	0	0	0	0	0	0	0			
Z237	0																		0			
Z238	0								0	0	4	3	0	0		0		0	0			
Z239	0								0	0	4		1	0		0	0	0	0			
Z240	0								0	0	4	3	0	0	0	0	0	0	0			
Z241																						
Z242																						
Z243																						
Z244	0								0	0	4	1	1	0	0	0	0	0	0			
Z245	0										4	1	0	0	0	0	0	0	0			
Z246	0								0	0	4	1	1	0	0	0	0	1	0			
Z247	0								0	0	4	1	1	0	0	0	0	0	0			
Z248	0																		0			
Z249	0								0	0	4	1	1	0	0	0		0	3			
Z250																						
Z251																						
Z252	0								0	0	4	1	0	0	0	0	0	0	0			
Z253									0	0	4	1		0	0	0	0					
Z254																						
Z255																						
Z256	0								0	0	4	2	0	0	0	0	0	0	0			
Z257	0								0	0	4	3	0	0	0	0	0	0				
Z258											4		0	0	0	0		0	0			
Z259	0								0	0	4	1	0	0	0	0	0	0	3			
Z260	0								0	0	4	1	1	0	0	0	0	0	0			
Z261	0								0	0	4	1	0	0	0	0	0	0	0			
Z262	0								0	0	4	2	0	0	0	0	0	0	0			
Z263	0								0	0	4	3	0	0	0	0	0	0	0			
Z264	0																					
Z265	0										4		0	0	0	0			0			
Z266																						
Z267																						
Z268																						
Z269	0								0	0	4	1	0	0	0	0		0				
Z270									0	0	4	2	0	0	0	0	0	0				
Z271	0								0	0	4	3	0	0	0	0		0	0			
Z272	0								0	0	5	1	1	3	0	0	0	0	0			
Z273	0								0	0	4	1	0	0	0	0	0	0	0			

table 2

evaluation concordance - non-metric dental traits

raw data

	O2- T12	O2- T13	O2- T14	O2- T15	O2- T16	O2- T17	O2- T18	O2- T19	O2- T20	O2- T21	O2- T23	O2- T24	O2- T25	O2- T26	O2- T27	O2- T28	O2- T29	O2- T30	O2- T31	O2- T32	O2- T33	O2- T43
Z207	0																					
Z208			0																		0	0
Z209	0	0	0		2	0	0			0	0	0	5	6	0		0	0	0	0	0	1
Z210	0	0	0		2	0					0	4	5	6	0		0	0	0	0	0	
Z211											0	5	6	6	0		1	1	1	1		
Z212	0	0	0		0	0															0	0
Z213			0				0				0	0	6	6							0	0
Z214	0	0																			0	0
Z215		0				0					0		6								0	
Z216		0	0		2	0					0	0	5	5	0							0
Z217	0	0					0			0	0	0	6	6	0						0	0
Z218																						
Z219						0																
Z220						0																
Z221		0	0			0	0				0	0	5	6							0	0
Z222	0	0	0		0	0	0			0	0	0	6	6	0						0	0
Z223						0															0	0
Z224	0	0	0		0																	0
Z225		0					0			0	0	0	6	5								
Z226		1	0		0		0			0	0	0	6	6							0	0
Z227						0																
Z228						0																
Z229						0																
Z230	0		0		1	0	0			0											0	0
Z231		0	0		0	0					0	0	6								0	
Z232	0	0				0	1			0											0	0
Z233	0	0	0		0	0	0			0	0	2	6	6	0		0	0	0	0	0	0
Z234											0	0	5	3	0							
Z235																					0	
Z236			0		0	0					0	0	5	5	0		0	0	0	0	0	
Z237			0		0	0					0	0	4	4							0	
Z238			0			0					0	0	5	4							0	
Z239											0	0	5	2	0						0	
Z240						0					0	0	5		0						0	
Z241						0																
Z242																						
Z243																						
Z244			0		0	0					0	1	5	5	0		0	0	0	0	0	
Z245			0		2	0					0		4	5	0						0	
Z246			0		0	0					0	0	4	6	0						0	
Z247			0		0	0					0	0	3	4	0			0	0	0	0	
Z248			0								0	0	5	4	0		0	0	0	0	0	
Z249											0	0	3	2	0						0	
Z250			0		0																	
Z251																						
Z252			0		0	0					0	0	4	3	0		0	0	0	0	0	
Z253			0		0	0					0	0	4	4	0		0	0	0	0		
Z254																						
Z255			0		1	0																
Z256			0		0						0	0	5		0		0	0	0	0	0	
Z257			0			0					0	0	4		0						0	
Z258					1	0					6	0	4	3	0		0	0	0	0	0	
Z259			0		2	0					0	0	4	5	0		1	1	1	1	0	
Z260			0		0						0	0	5	2	0		0	0	0	0	0	
Z261			0			0					0	0	4	2	0		0	0	0	0	0	
Z262			0		1	0					0	0	4	3	0		0	0	0	0	0	
Z263						0					0	0	3	3							0	
Z264			0		2	0					0	0	6	5	0					0	0	
Z265					2						0	0	5	4							0	
Z266						0																
Z267						1																
Z268						0																
Z269			0		2	0					0	0	5	6	0		0	0	0	0	0	
Z270			0		0	0					0	0	5	6	0		0	0	0	0	0	
Z271			0		2	0					0	0	2								0	
Z272			0		0						0	1	3	2	0		0	0	0	0	0	
Z273			0		0	0					0	0	5	2	0		0	0	0	0	0	

table 2

evaluation concordance - non-metric dental traits

raw data

	O2- T44	O2- T45	O2- T46	O2- T47	O2- T48	O2- T49	O2- T50	O2- T51	O2- T52	O2- T53	O2- T54	O2- T55	O2- T56	O2- T57	O2- T58	O2- T59
Z207																
Z208	0															
Z209	0						0	0	5	2	1	5	0	0	0	0
Z210							0	0	5	3	1	5	0	0	0	0
Z211							0	0	5	2	1	4	0	0	0	0
Z212	0						0	0	5	2	0	4	0	0	0	0
Z213	0						0	0	5		0		0	0	0	0
Z214	0								5		1		0	0		0
Z215													0	0		0
Z216	0															
Z217	0															
Z218																
Z219																
Z220																
Z221	0										0		0	0		0
Z222	0								5		1		0	0	0	0
Z223	0															
Z224	0								4		0	0	0	0	0	0
Z225																
Z226	0								5		0	5	0	0		0
Z227																
Z228																
Z229																
Z230	0															
Z231									5		0	5	0	0		0
Z232	0						0	1	5	2	1	5	0	0	0	0
Z233	0						0	0	5	2	0	5	0	0	0	
Z234																
Z235							0	0	4	1	0	0	0	0	0	0
Z236							1	0	4	1	0	0	0	0	0	0
Z237											0			0		
Z238																
Z239							0	0	4	1	1		0	0	0	0
Z240							0	0	4	1	0	0	0	0	0	0
Z241																
Z242																
Z243																
Z244							0	0	4	1	1	0	0	0	0	0
Z245							0	0	4	1	0	0	0	0	0	0
Z246							0	0	4	1	1	0	0	0	0	1
Z247							0	0	4	1	1	0	0	0		0
Z248																
Z249																
Z250																
Z251																
Z252							0	0	4	1	0	0	0	0	0	0
Z253							0	0	4	1		0	0	0	0	0
Z254																
Z255																
Z256							0	0	4	3	0	0	0	0	0	0
Z257							0	0	5	3	1		0	0	0	0
Z258									4			0	0	0	0	0
Z259							0	0	4	1	0	0	0	0	0	0
Z260							0	0	4	1	1	0	0	0	0	0
Z261							0	0	4	1	0	0	0	0	0	0
Z262							0	0	4	3	0	0	0	0	0	0
Z263							0	0	4	3	0	0	0	0	0	0
Z264																
Z265									4		0	0	0	0		
Z266																
Z267																
Z268																
Z269							0	0	4	1	0	0	0	0		0
Z270							0	0	5	2	0	3	0	0	0	0
Z271							0	0	4	3	0	0	0	0		0
Z272							0	0	4	1	1	0	0	0	0	0
Z273							0	0	4	3	0	0	0	0	0	