

Appendices

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Appendix 1

Dependent variable MDb (mesiodistal dimension, bucal view)

Tooth: U1

Table 1: Descriptive Statistics

Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.37	0.77	20
	1	9.14	0.64	20
	Total	9.26	0.71	40
1	0	8.50	0.53	20
	1	8.35	0.71	20
	Total	8.43	0.62	40
2	0	8.20	0.69	20
	1	8.27	0.46	20
	Total	8.24	0.58	40
3	0	7.86	0.73	20
	1	7.75	0.72	21
	Total	7.80	0.72	41
Total	0	8.48	0.88	80
	1	8.37	0.81	81
	Total	8.43	0.84	161

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.323
GROUP * GENDER	0.788

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.83	0.15	0.000	0.000
	2	1.02	0.15	0.000	0.000
	3	1.45	0.15	0.000	0.000
1	2	0.19	0.15	1.000	1.000
	3	0.62	0.15	0.000	0.067
2	3	0.43	0.15	0.023	1.000

P1: Bonferroni corrected significance levels accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U2

Table 4
Descriptive Statistics
Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.30	0.69	17
	1	7.24	0.46	18
	Total	7.27	0.58	35
1	0	5.53	1.00	9
	1	5.72	0.82	14
	Total	5.65	0.88	23
2	0	5.73	0.85	13
	1	5.81	0.91	14
	Total	5.77	0.87	27
3	0	5.80	0.47	7
	1	5.52	0.89	11
	Total	5.63	0.75	18
Total	0	6.28	1.10	46
	1	6.18	1.04	57
	Total	6.23	1.06	103

Table 5
Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.908
GROUP * GENDER	0.787

Table 6
Post Hoc Tests
Multi-group Comparisons
Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.62	0.21	0.000	0.000
	2	1.50	0.20	0.000	0.000
	3	1.64	0.22	0.000	0.000
1	0	-1.62	0.21	0.000	0.000
	2	-0.13	0.22	1.000	1.000
	3	0.02	0.24	1.000	1.000
2	0	-1.50	0.20	0.000	0.000
	1	0.13	0.22	1.000	1.000
	3	0.14	0.24	1.000	1.000
3	0	-1.64	0.22	0.000	0.000
	1	-0.02	0.24	1.000	1.000
	2	-0.14	0.24	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.49	0.66	19
	1	8.29	0.49	18
	Total	8.39	0.59	37
1	0	7.59	0.55	18
	1	7.37	0.53	17
	Total	7.48	0.54	35
2	0	7.44	0.65	11
	1	7.37	0.44	17
	Total	7.39	0.52	28
3	0	7.07	0.62	9
	1	7.19	0.31	11
	Total	7.14	0.47	20
Total	0	7.78	0.81	57
	1	7.60	0.63	63
	Total	7.69	0.72	120

Table 8
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.364
GROUP * GENDER	0.659

Table 9
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.91	0.13	0.000	0.000
	2	1.00	0.14	0.000	0.000
	3	1.26	0.15	0.000	0.000
1	0	-0.91	0.13	0.000	0.000
	2	0.09	0.14	1.000	1.000
	3	0.35	0.15	0.146	1.000
2	0	-1.00	0.14	0.000	0.000
	1	-0.09	0.14	1.000	1.000
	3	0.26	0.16	0.653	1.000
3	0	-1.26	0.15	0.000	0.000
	1	-0.35	0.15	0.146	1.000
	2	-0.26	0.16	0.653	1.000

Tooth: U4
 Table 10
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.45	0.53	18
	1	7.30	0.45	20
	Total	7.37	0.49	38
1	0	6.79	0.42	19
	1	6.65	0.47	19
	Total	6.72	0.45	38
2	0	6.36	0.57	17
	1	6.54	0.46	16
	Total	6.44	0.52	33
3	0	6.49	0.45	12
	1	6.34	0.52	7
	Total	6.43	0.47	19
Total	0	6.80	0.65	66
	1	6.80	0.58	62
	Total	6.80	0.62	128

Table 11
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.481
GROUP * GENDER	0.441

Table 12
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.64	0.11	0.000	0.000
	2	0.92	0.12	0.000	0.000
	3	0.94	0.14	0.000	0.000
1	0	-0.64	0.11	0.000	0.000
	2	0.28	0.12	0.100	1.000
	3	0.29	0.14	0.202	1.000
2	0	-0.92	0.12	0.000	0.000
	1	-0.28	0.12	0.100	1.000
	3	0.01	0.14	1.000	1.000
3	0	-0.94	0.14	0.000	0.000
	1	-0.29	0.14	0.202	1.000
	2	-0.01	0.14	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.11	0.46	20
	1	7.01	0.38	20
	Total	7.06	0.42	40
1	0	6.34	0.43	19
	1	6.30	0.46	17
	Total	6.32	0.44	36
2	0	6.01	0.55	9
	1	6.32	0.45	6
	Total	6.13	0.52	15
3	0	6.33	0.51	10
	1	6.08	0.17	6
	Total	6.23	0.43	16
Total	0	6.55	0.63	58
	1	6.57	0.55	49
	Total	6.56	0.59	107

Table 14
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.869
GROUP * GENDER	0.362

Table 15
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.74	0.10	0.000	0.000
	2	0.92	0.13	0.000	0.000
	3	0.83	0.13	0.000	0.000
1	0	-0.74	0.10	0.000	0.000
	2	0.18	0.14	1.000	1.000
	3	0.08	0.13	1.000	1.000
2	0	-0.92	0.13	0.000	0.000
	1	-0.18	0.14	1.000	1.000
	3	-0.10	0.16	1.000	1.000
3	0	-0.83	0.13	0.000	0.000
	1	-0.08	0.13	1.000	1.000
	2	0.10	0.16	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.85	0.70	20
	1	10.58	0.51	19
	Total	10.72	0.62	39
1	0	10.37	0.53	20
	1	9.86	0.48	20
	Total	10.12	0.56	40
2	0	10.18	0.55	20
	1	10.06	0.49	20
	Total	10.12	0.52	40
3	0	9.83	0.62	19
	1	9.77	1.02	18
	Total	9.80	0.83	37
Total	0	10.31	0.70	79
	1	10.07	0.71	77
	Total	10.19	0.71	156

Table 17
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.	P2
GROUP	0.000	
GENDER	0.019	1.000
GROUP * GENDER	0.413	

Table 18
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.60	0.14	0.000	0.061
	2	0.60	0.14	0.000	0.066
	3	0.92	0.14	0.000	0.000
1	0	-0.60	0.14	0.000	0.061
	2	0.00	0.14	1.000	1.000
	3	0.32	0.14	0.175	1.000
2	0	-0.60	0.14	0.000	0.066
	1	0.00	0.14	1.000	1.000
	3	0.32	0.14	0.166	1.000
3	0	-0.92	0.14	0.000	0.000
	1	-0.32	0.14	0.175	1.000
	2	-0.32	0.14	0.166	1.000

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.76	0.49	13
	1	10.13	0.70	12
	Total	10.46	0.67	25
1	0	9.81	0.61	17
	1	9.49	0.53	17
	Total	9.65	0.58	34
2	0	9.71	0.81	13
	1	9.54	0.76	9
	Total	9.64	0.78	22
3	0	9.43	0.65	9
	1	9.39	0.71	8
	Total	9.41	0.66	17
Total	0	9.96	0.79	52
	1	9.65	0.70	46
	Total	9.81	0.76	98

Table 20
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.	P2
GROUP	0.000	
GENDER	0.036	1.000
GROUP * GENDER	0.481	

Table 21
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.81	0.17	0.000	0.014
	2	0.81	0.19	0.000	0.074
	3	1.04	0.20	0.000	0.003
1	0	-0.81	0.17	0.000	0.014
	2	0.01	0.18	1.000	1.000
	3	0.23	0.19	1.000	1.000
2	0	-0.81	0.19	0.000	0.074
	1	-0.01	0.18	1.000	1.000
	3	0.23	0.21	1.000	1.000
3	0	-1.04	0.20	0.000	0.003
	1	-0.23	0.19	1.000	1.000
	2	-0.23	0.21	1.000	1.000

Tooth: L1
 Table 22
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.76	0.41	19
	1	5.76	0.37	20
	Total	5.76	0.39	39
1	0	5.09	0.37	20
	1	5.24	0.45	19
	Total	5.16	0.41	39
2	0	5.14	0.48	17
	1	5.21	0.36	18
	Total	5.17	0.42	35
3	0	5.00	0.38	11
	1	5.03	0.39	13
	Total	5.01	0.38	24
Total	0	5.28	0.51	67
	1	5.34	0.47	70
	Total	5.31	0.49	137

Table 23
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.372
GROUP * GENDER	0.865

Table 24
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.59	0.09	0.000	0.000
	2	0.58	0.09	0.000	0.000
	3	0.74	0.11	0.000	0.000
1	0	-0.59	0.09	0.000	0.000
	2	-0.01	0.09	1.000	1.000
	3	0.15	0.11	0.928	1.000
2	0	-0.58	0.09	0.000	0.000
	1	0.01	0.09	1.000	1.000
	3	0.16	0.11	0.828	1.000
3	0	-0.74	0.11	0.000	0.000
	1	-0.15	0.11	0.928	1.000
	2	-0.16	0.11	0.828	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	6.41	0.45	17
	1	6.08	0.33	18
	Total	6.24	0.42	35
1	0	5.68	0.40	19
	1	5.59	0.57	19
	Total	5.63	0.49	38
2	0	5.37	0.53	17
	1	5.68	0.37	19
	Total	5.53	0.47	36
3	0	5.13	0.40	16
	1	5.32	0.37	18
	Total	5.23	0.39	34
Total	0	5.65	0.65	69
	1	5.67	0.50	74
	Total	5.66	0.57	143

Table 26
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.773
GROUP * GENDER	0.011

Table 27
 Post Hoc Tests
 Multi-subgroup Comparisons
 Dependent Variable: MDb

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Sig.	P1	P2
Mcontrol	Mmild	0.73	0.00000	0.000	0.006
	Mmoderat	1.04	0.00000	0.000	0.000
	Msevere	1.29	0.00000	0.000	0.000
	Fcontrol	0.33	0.02669	0.427	1.000
Mmild	Mmoderat	0.31	0.03576	0.572	1.000
	Msevere	0.55	0.00026	0.004	1.000
	Fmild	0.09	0.52817	8.451	1.000
Mmoderate	Msevere	0.25	0.10719	1.715	1.000
	Fmoderat	-0.31	0.03484	0.557	1.000
Msevere	Fsevere	-0.19	0.19780	3.165	1.000
Fcontrol	Fmild	0.49	0.00079	0.013	1.000
	Fmoderat	0.40	0.00584	0.093	1.000
	Fsevere	0.76	0.00000	0.000	0.002
Fmild	Fmoderat	-0.09	0.52090	8.334	1.000
	Fsevere	0.27	0.06034	0.965	1.000
Fmoderate	Fsevere	0.36	0.01259	0.201	1.000

Tooth: L3
 Table 28
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.69	0.63	20
	1	7.03	0.32	19
	Total	7.37	0.60	39
1	0	6.71	0.52	20
	1	6.36	0.48	20
	Total	6.54	0.52	40
2	0	6.55	0.53	17
	1	6.47	0.38	20
	Total	6.51	0.45	37
3	0	6.48	0.70	15
	1	6.38	0.28	16
	Total	6.43	0.52	31
Total	0	6.90	0.77	72
	1	6.56	0.46	75
	Total	6.73	0.65	147

Table 29
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.000
GROUP * GENDER	0.042

Table 30
 Post Hoc Tests
 Multi-subgroup Comparisons
 Dependent Variable: MDb

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Sig.	P1	P2
Mcontrol	Mmild	0.98	0.00000	0.000	0.000
	Mmoderat	1.14	0.00000	0.000	0.000
	Msevere	1.21	0.00000	0.000	0.000
	Fcontrol	0.66	0.00005	0.001	0.230
Mmild	Mmoderat	0.17	0.31405	5.025	1.000
	Msevere	0.24	0.16587	2.654	1.000
	Fmild	0.35	0.02615	0.418	1.000
Mmoderate	Msevere	0.07	0.68821	11.011	1.000
	Fmoderat	0.08	0.64381	10.301	1.000
Msevere	Fsevere	0.10	0.57787	9.246	1.000
Fcontrol	Fmild	0.67	0.00005	0.001	0.203
	Fmoderat	0.56	0.00063	0.010	1.000
	Fsevere	0.65	0.00017	0.003	0.732
Fmild	Fmoderat	-0.11	0.47854	7.657	1.000
	Fsevere	-0.02	0.91790	14.686	1.000
Fmoderate	Fsevere	0.09	0.57185	9.150	1.000

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.63	0.52	19
	1	7.48	0.54	20
	Total	7.56	0.53	39
1	0	6.86	0.49	19
	1	6.78	0.41	20
	Total	6.82	0.45	39
2	0	6.71	0.42	16
	1	6.73	0.45	20
	Total	6.72	0.43	36
3	0	6.66	0.51	15
	1	6.59	0.37	11
	Total	6.63	0.45	26
Total	0	7.00	0.63	69
	1	6.93	0.57	71
	Total	6.96	0.59	140

Table 32
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.360
GROUP * GENDER	0.886

Table 33
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.74	0.11	0.000	0.000
	2	0.84	0.11	0.000	0.000
	3	0.93	0.12	0.000	0.000
1	0	-0.74	0.11	0.000	0.000
	2	0.10	0.11	1.000	1.000
	3	0.19	0.12	0.685	1.000
2	0	-0.84	0.11	0.000	0.000
	1	-0.10	0.11	1.000	1.000
	3	0.09	0.12	1.000	1.000
3	0	-0.93	0.12	0.000	0.000
	1	-0.19	0.12	0.685	1.000
	2	-0.09	0.12	1.000	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.62	0.50	16
	1	7.40	0.45	17
	Total	7.51	0.48	33
1	0	6.87	0.52	16
	1	6.70	0.39	15
	Total	6.79	0.46	31
2	0	6.42	0.47	8
	1	6.89	0.43	6
	Total	6.62	0.50	14
3	0	6.48	0.34	9
	1	6.70	0.45	5
	Total	6.56	0.38	14
Total	0	6.97	0.67	49
	1	7.00	0.53	43
	Total	6.98	0.61	92

Table 35
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.
GROUP	0.000
GENDER	0.482
GROUP * GENDER	0.069

Table 36
 Post Hoc Tests
 Multi-subgroup Comparisons
 Dependent Variable: MDb

(I) SUBGRP	(J) SUBGRP	Mean Difference	Sig.	P1	P2
Mcontrol	Mmild	0.76	0.00001	0.000	0.041
	Mmoderat	1.21	0.00000	0.000	0.000
	Msevere	1.14	0.00000	0.000	0.000
	Fcontrol	0.23	0.15454	2.473	1.000
Mmild	Mmoderat	0.45	0.02532	0.405	1.000
	Msevere	0.39	0.04510	0.722	1.000
	Fmild	0.16	0.31691	5.071	1.000
Mmoderate	Msevere	-0.06	0.77633	12.421	1.000
	Fmoderat	-0.47	0.05897	0.943	1.000
Msevere	Fsevere	-0.22	0.39065	6.250	1.000
Fcontrol	Fmild	0.69	0.00004	0.001	0.189
	Fmoderat	0.51	0.02103	0.337	1.000
	Fsevere	0.70	0.00346	0.055	1.000
Fmild	Fmoderat	-0.19	0.39874	6.380	1.000
	Fsevere	0.00	0.99323	15.892	1.000
Fmoderate	Fsevere	0.19	0.49593	7.935	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	11.68	0.69	20
	1	11.31	0.78	18
	Total	11.50	0.75	38
1	0	10.82	0.67	20
	1	10.36	0.68	20
	Total	10.59	0.71	40
2	0	10.78	0.71	20
	1	10.69	0.47	20
	Total	10.74	0.60	40
3	0	10.57	0.51	19
	1	10.67	0.83	19
	Total	10.62	0.68	38
Total	0	10.97	0.77	79
	1	10.74	0.77	77
	Total	10.86	0.77	156

Table 38
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.	P2
GROUP	0.000	
GENDER	0.063	1.000
GROUP * GENDER	0.258	

Table 39
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.92	0.15	0.000	0.000
	2	0.77	0.15	0.000	0.002
	3	0.89	0.16	0.000	0.000
1	0	-0.92	0.15	0.000	0.000
	2	-0.15	0.15	1.000	1.000
	3	-0.03	0.15	1.000	1.000
2	0	-0.77	0.15	0.000	0.002
	1	0.15	0.15	1.000	1.000
	3	0.12	0.15	1.000	1.000
3	0	-0.89	0.16	0.000	0.000
	1	0.03	0.15	1.000	1.000
	2	-0.12	0.15	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: MDb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.87	0.66	14
	1	10.59	0.72	11
	Total	10.74	0.69	25
1	0	10.28	0.73	12
	1	9.99	0.45	17
	Total	10.11	0.59	29
2	0	10.38	0.90	10
	1	10.24	0.82	8
	Total	10.31	0.84	18
3	0	10.72	0.47	6
	1	9.72	0.74	7
	Total	10.18	0.80	13
Total	0	10.56	0.74	42
	1	10.15	0.70	43
	Total	10.35	0.75	85

Table 41
 Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: MDb

Source	Sig.	P2
GROUP	0.018	
GENDER	0.009	1.000
GROUP * GENDER	0.345	

Table 42
 Post Hoc Tests
 Multi-group Comparisons
 Dependent Variable: MDb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.64	0.19	0.007	1.000
	2	0.43	0.21	0.282	1.000
	3	0.56	0.24	0.117	1.000
1	0	-0.64	0.19	0.007	1.000
	2	-0.21	0.21	1.000	1.000
	3	-0.07	0.23	1.000	1.000
2	0	-0.43	0.21	0.282	1.000
	1	0.21	0.21	1.000	1.000
	3	0.13	0.25	1.000	1.000
3	0	-0.56	0.24	0.117	1.000
	1	0.07	0.23	1.000	1.000
	2	-0.13	0.25	1.000	1.000

Appendix 2
Dependent variable OG (occlusogingival dimension, bucal view)

Tooth: U1

Table 1: Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.20	0.92	20
	1	9.80	0.82	20
	Total	10.00	0.88	40
1	0	9.39	0.85	20
	1	9.04	1.06	20
	Total	9.22	0.97	40
2	0	8.99	1.13	20
	1	8.86	0.59	20
	Total	8.92	0.89	40
3	0	8.34	1.71	20
	1	8.34	0.93	21
	Total	8.34	1.35	41
Total	0	9.23	1.36	80
	1	9.00	1.00	81
	Total	9.12	1.19	161

Table 2: Two-way ANOVA
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.000
GENDER	0.187
GROUP * GENDER	0.803

Table 3: Multiple Comparisons
 Post-hoc-tests
 Dependent Variable: OG

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.78	0.23	0.007	1.000
	2	1.07	0.23	0.000	0.015
	3	1.65	0.23	0.000	0.000
1	2	0.30	0.23	1.000	1.000
	3	0.87	0.23	0.001	0.386
2	3	0.58	0.23	0.083	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.22	1.02	17
	1	7.98	0.93	18
	Total	8.10	0.97	35
1	0	6.87	1.20	9
	1	6.65	0.74	14
	Total	6.74	0.93	23
2	0	6.89	0.86	13
	1	6.80	0.55	14
	Total	6.84	0.70	27
3	0	7.31	0.48	7
	1	6.18	1.16	11
	Total	6.62	1.09	18
Total	0	7.44	1.11	46
	1	7.01	1.09	57
	Total	7.21	1.11	103

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.	P2
GROUP	0.000	
GENDER	0.025	1.000
GROUP * GENDER	0.266	

Table 6
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.36	0.24	0.000	0.000
	2	1.26	0.23	0.000	0.001
	3	1.48	0.26	0.000	0.000
1	2	-0.10	0.26	1.000	1.000
	3	0.12	0.28	1.000	1.000
2	3	0.22	0.27	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.49	0.94	19
	1	9.12	0.97	18
	Total	9.31	0.96	37
1	0	8.25	0.64	18
	1	7.81	0.94	17
	Total	8.04	0.81	35
2	0	7.53	0.95	11
	1	7.58	0.70	17
	Total	7.56	0.79	28
3	0	7.37	1.09	9
	1	7.38	0.90	11
	Total	7.38	0.96	20
Total	0	8.39	1.21	57
	1	8.05	1.11	63
	Total	8.21	1.17	120

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.000
GENDER	0.261
GROUP * GENDER	0.629

Table 9
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.27	0.21	0.000	0.000
	2	1.75	0.22	0.000	0.000
	3	1.93	0.24	0.000	0.000
1	2	0.47	0.22	0.216	1.000
	3	0.66	0.25	0.052	1.000
2	3	0.19	0.26	1.000	1.000

Tooth: U4
 Table 10
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.45	0.51	18
	1	7.44	0.82	20
	Total	7.45	0.68	38
1	0	6.77	0.66	19
	1	6.70	0.57	19
	Total	6.73	0.61	38
2	0	6.02	1.24	17
	1	6.12	0.64	16
	Total	6.07	0.98	33
3	0	6.35	0.74	12
	1	5.91	0.54	7
	Total	6.19	0.69	19
Total	0	6.69	0.98	66
	1	6.70	0.88	62
	Total	6.69	0.93	128

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.000
GENDER	0.453
GROUP * GENDER	0.681

Table 12
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.71	0.17	0.000	0.119
	2	1.38	0.18	0.000	0.000
	3	1.26	0.21	0.000	0.000
1	2	0.67	0.18	0.002	0.558
	3	0.55	0.21	0.071	1.000
2	3	-0.12	0.22	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	6.27	0.67	20
	1	6.12	0.77	20
	Total	6.20	0.71	40
1	0	5.75	0.54	19
	1	5.52	0.53	17
	Total	5.64	0.54	36
2	0	5.33	0.94	9
	1	4.57	0.66	6
	Total	5.03	0.90	15
3	0	5.55	0.42	10
	1	5.09	0.64	6
	Total	5.38	0.54	16
Total	0	5.83	0.72	58
	1	5.59	0.83	49
	Total	5.72	0.78	107

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.	P2
GROUP	0.000	
GENDER	0.005	1.000
GROUP * GENDER	0.461	

Table 15
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.55	0.15	0.002	0.586
	2	1.17	0.20	0.000	0.000
	3	0.82	0.19	0.000	0.087
1	2	0.62	0.20	0.017	1.000
	3	0.26	0.20	1.000	1.000
2	3	-0.35	0.23	0.815	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.34	0.47	20
	1	5.11	0.67	19
	Total	5.23	0.58	39
1	0	4.99	0.41	20
	1	4.72	0.66	20
	Total	4.86	0.56	40
2	0	4.75	0.69	20
	1	4.54	0.56	20
	Total	4.65	0.63	40
3	0	4.29	0.69	19
	1	4.02	0.67	18
	Total	4.16	0.68	37
Total	0	4.85	0.68	79
	1	4.61	0.74	77
	Total	4.73	0.72	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.	P2
GROUP	0.000	
GENDER	0.013	1.000
GROUP * GENDER	0.996	

Table 18
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.37	0.14	0.044	1.000
	2	0.58	0.14	0.000	0.060
	3	1.07	0.14	0.000	0.000
1	2	0.21	0.14	0.755	1.000
	3	0.70	0.14	0.000	0.002
2	3	0.49	0.14	0.003	0.910

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.70	0.77	13
	1	4.88	0.80	12
	Total	4.79	0.77	25
1	0	4.12	0.82	17
	1	4.08	0.47	17
	Total	4.10	0.66	34
2	0	4.27	0.57	13
	1	3.98	0.94	9
	Total	4.15	0.74	22
3	0	4.22	0.56	9
	1	4.03	0.93	8
	Total	4.13	0.74	17
Total	0	4.32	0.73	52
	1	4.26	0.82	46
	Total	4.29	0.77	98

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.002
GENDER	0.573
GROUP * GENDER	0.723

Table 21
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.69	0.19	0.003	0.889
	2	0.64	0.21	0.023	1.000
	3	0.66	0.23	0.032	1.000
1	2	-0.06	0.20	1.000	1.000
	3	-0.03	0.22	1.000	1.000
2	3	0.02	0.24	1.000	1.000

Tooth: L1
 Table 22
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.23	0.85	19
	1	8.61	0.81	20
	Total	8.42	0.84	39
1	0	7.70	0.80	20
	1	7.88	0.71	19
	Total	7.79	0.75	39
2	0	7.36	1.17	17
	1	7.55	0.61	18
	Total	7.45	0.92	35
3	0	6.71	1.07	11
	1	6.93	0.80	13
	Total	6.83	0.91	24
Total	0	7.60	1.07	67
	1	7.83	0.93	70
	Total	7.72	1.00	137

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.000
GENDER	0.105
GROUP * GENDER	0.949

Table 24
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.64	0.19	0.007	1.000
	2	0.97	0.20	0.000	0.005
	3	1.60	0.22	0.000	0.000
1	2	0.33	0.20	0.578	1.000
	3	0.96	0.22	0.000	0.046
2	3	0.63	0.23	0.038	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.02	0.71	17
	1	8.34	0.96	18
	Total	8.18	0.85	35
1	0	7.90	0.56	19
	1	7.74	0.71	19
	Total	7.82	0.64	38
2	0	7.43	0.93	17
	1	7.35	0.73	19
	Total	7.39	0.82	36
3	0	7.18	1.02	16
	1	6.73	0.98	18
	Total	6.94	1.01	34
Total	0	7.65	0.87	69
	1	7.54	1.01	74
	Total	7.59	0.94	143

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.000
GENDER	0.505
GROUP * GENDER	0.292

Table 27
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.36	0.20	0.411	1.000
	2	0.79	0.20	0.001	0.156
	3	1.24	0.20	0.000	0.000
1	2	0.44	0.19	0.157	1.000
	3	0.88	0.20	0.000	1.000
2	3	0.45	0.20	0.163	1.000

Tooth: L3
 Table 28
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.47	1.10	20
	1	9.16	1.10	19
	Total	9.32	1.10	39
1	0	8.54	0.90	20
	1	8.38	0.80	20
	Total	8.46	0.80	40
2	0	8.21	1.10	17
	1	8.09	0.90	20
	Total	8.15	1.00	37
3	0	8.23	1.70	15
	1	6.99	0.90	16
	Total	7.59	1.40	31
Total	0	8.66	1.30	72
	1	8.20	1.20	75
	Total	8.43	1.20	147

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.	P2
GROUP	0.000	
GENDER	0.010	1.000
GROUP * GENDER	0.108	

Table 30
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.86	0.24	0.002	0.644
	2	1.17	0.24	0.000	0.006
	3	1.72	0.25	0.000	0.000
1	0	-0.86	0.24	0.002	0.644
	2	0.31	0.24	1.000	1.000
	3	0.87	0.25	0.005	1.000
2	0	-1.17	0.24	0.000	0.006
	1	-0.31	0.24	1.000	1.000
	3	0.56	0.26	0.189	1.000
3	0	-1.72	0.25	0.000	1.000
	1	-0.87	0.25	0.005	1.000
	2	-0.56	0.26	0.189	1.000

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.00	0.50	19
	1	7.90	0.80	20
	Total	7.90	0.60	39
1	0	7.50	0.60	19
	1	7.20	0.40	20
	Total	7.40	0.60	39
2	0	7.10	0.80	16
	1	6.90	0.70	20
	Total	7.00	0.70	36
3	0	7.40	0.90	15
	1	6.50	0.80	11
	Total	7.00	0.90	26
Total	0	7.50	0.80	69
	1	7.20	0.80	71
	Total	7.40	0.80	140

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.	P2
GROUP	0.000	
GENDER	0.002	1.000
GROUP * GENDER	0.120	

Table 33
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.59	0.15	0.001	0.296
	2	0.98	0.16	0.000	0.000
	3	0.95	0.17	0.000	0.000
1	2	0.39	0.16	0.090	1.000
	3	0.36	0.17	0.239	1.000
2	3	-0.03	0.17	1.000	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	6.80	0.59	16
	1	6.46	0.66	17
	Total	6.63	0.64	33
1	0	6.28	0.84	16
	1	6.02	0.52	15
	Total	6.15	0.70	31
2	0	6.21	0.78	8
	1	5.67	0.87	6
	Total	5.98	0.83	14
3	0	6.23	0.49	9
	1	5.92	1.12	5
	Total	6.12	0.75	14
Total	0	6.43	0.73	49
	1	6.14	0.74	43
	Total	6.29	0.74	92

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.	P2
GROUP	0.005	
GENDER	0.029	1.000
GROUP * GENDER	0.944	

Table 36
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.47	0.18	0.051	1.000
	2	0.65	0.22	0.029	1.000
	3	0.51	0.22	0.155	1.000
1	2	0.18	0.23	1.000	1.000
	3	0.03	0.23	1.000	1.000
2	3	-0.14	0.27	1.000	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.95	0.61	20
	1	5.92	0.57	18
	Total	5.93	0.58	38
1	0	5.57	0.47	20
	1	5.42	0.51	20
	Total	5.50	0.49	40
2	0	5.13	0.72	20
	1	5.13	0.59	20
	Total	5.13	0.65	40
3	0	4.93	0.68	19
	1	4.97	0.46	19
	Total	4.95	0.57	38
Total	0	5.40	0.73	79
	1	5.35	0.63	77
	Total	5.38	0.68	156

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.000
GENDER	0.689
GROUP * GENDER	0.894

Table 39
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.44	0.13	0.007	1.000
	2	0.80	0.13	0.000	0.000
	3	0.98	0.13	0.000	0.000
1	2	0.37	0.13	0.032	1.000
	3	0.55	0.13	0.000	0.090
2	3	0.18	0.13	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: OG

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.07	0.69	14
	1	4.76	0.78	11
	Total	4.93	0.73	25
1	0	4.57	0.72	12
	1	4.57	0.80	17
	Total	4.57	0.76	29
2	0	4.71	0.83	10
	1	4.36	1.07	8
	Total	4.56	0.93	18
3	0	4.01	0.52	6
	1	4.00	0.79	7
	Total	4.01	0.65	13
Total	0	4.69	0.77	42
	1	4.49	0.86	43
	Total	4.59	0.82	85

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: OG

Source	Sig.
GROUP	0.013
GENDER	0.365
GROUP * GENDER	0.831

Table 42
 Multiple Comparisons
 Dependent Variable: OG
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.36	0.21	0.560	1.000
	2	0.38	0.24	0.739	1.000
	3	0.93	0.27	0.006	1.000
1	2	0.01	0.24	1.000	1.000
	3	0.56	0.26	0.211	1.000
2	3	0.55	0.29	0.355	1.000

Appendix 3

Dependent variable Pb (perimeter dimension, buccal view)

Tooth: U1

Table 1: Descriptive Statistics

Dependent Variable: Pb

GROUP	GENDER	Mean	Std. Deviation	N
0	0	33.13	2.02	20
	1	32.04	1.96	20
	Total	32.59	2.04	40
1	0	30.35	1.73	20
	1	29.47	2.77	20
	Total	29.91	2.32	40
2	0	29.23	2.54	20
	1	29.06	1.20	20
	Total	29.14	1.96	40
3	0	27.49	3.90	20
	1	27.20	2.09	21
	Total	27.34	3.07	41
Total	0	30.05	3.34	80
	1	29.41	2.69	81
	Total	29.73	3.04	161

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: Pb

Source	Sig.
GROUP	0.000
GENDER	0.112
GROUP * GENDER	0.793

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: Pb

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.68	0.54	0.000	0.003
	2	3.45	0.54	0.000	0.000
	3	5.25	0.53	0.000	0.000
1	2	0.77	0.54	0.926	1.000
	3	2.57	0.53	0.000	0.005
2	3	1.80	0.53	0.005	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	25.82	2.33	17
	1	25.04	1.83	18
	Total	25.42	2.09	35
1	0	20.47	3.47	9
	1	20.49	2.38	14
	Total	20.48	2.78	23
2	0	20.76	2.40	13
	1	20.58	2.12	14
	Total	20.67	2.22	27
3	0	21.18	1.39	7
	1	19.15	2.93	11
	Total	19.94	2.60	18
Total	0	22.64	3.46	46
	1	21.69	3.24	57
	Total	22.11	3.35	103

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.
GROUP	0.000
GENDER	0.132
GROUP * GENDER	0.542

Table 6
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	4.94	0.64	0.000	0.000
	2	4.75	0.61	0.000	0.000
	3	5.48	0.69	0.000	0.000
1	2	-0.19	0.68	1.000	1.000
	3	0.54	0.75	1.000	1.000
2	3	0.73	0.72	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	28.37	1.76	19
	1	27.59	1.90	18
	Total	27.99	1.85	37
1	0	25.00	1.59	18
	1	24.06	2.16	17
	Total	24.54	1.92	35
2	0	23.61	2.45	11
	1	23.60	1.30	17
	Total	23.61	1.80	28
3	0	22.65	2.40	9
	1	22.90	1.59	11
	Total	22.78	1.94	20
Total	0	25.48	2.92	57
	1	24.74	2.54	63
	Total	25.09	2.74	120

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.
GROUP	0.000
GENDER	0.298
GROUP * GENDER	0.585

Table 9
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.44	0.44	0.000	0.000
	2	4.38	0.47	0.000	0.000
	3	5.20	0.52	0.000	0.000
1	2	0.94	0.47	0.303	1.000
	3	1.76	0.52	0.007	1.000
2	3	0.82	0.55	0.822	1.000

Tooth: U4
 Table 10
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	23.22	1.21	18
	1	23.08	1.81	20
	Total	23.14	1.54	38
1	0	21.28	1.22	19
	1	20.94	1.42	19
	Total	21.11	1.32	38
2	0	19.65	2.35	17
	1	19.79	1.43	16
	Total	19.72	1.93	33
3	0	20.37	1.34	12
	1	19.07	1.31	7
	Total	19.89	1.44	19
Total	0	21.22	2.08	66
	1	21.12	2.12	62
	Total	21.17	2.09	128

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.
GROUP	0.000
GENDER	0.166
GROUP * GENDER	0.478

Table 12
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.04	0.36	0.000	0.000
	2	3.43	0.38	0.000	0.000
	3	3.26	0.44	0.000	0.000
1	2	1.39	0.38	0.002	0.528
	3	1.22	0.44	0.042	1.000
2	3	-0.17	0.45	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	21.23	1.35	20
	1	20.99	1.72	20
	Total	21.11	1.53	40
1	0	19.02	1.19	19
	1	18.65	1.31	17
	Total	18.84	1.24	36
2	0	17.82	2.11	9
	1	17.51	1.39	6
	Total	17.70	1.80	15
3	0	18.83	1.10	10
	1	17.37	1.25	6
	Total	18.28	1.34	16
Total	0	19.56	1.88	58
	1	19.31	2.08	49
	Total	19.45	1.96	107

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.	P2
GROUP	0.000	
GENDER	0.062	1.000
GROUP * GENDER	0.554	

Table 15
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.26	0.33	0.000	0.000
	2	3.41	0.44	0.000	0.000
	3	2.83	0.43	0.000	0.000
1	2	1.15	0.45	0.068	1.000
	3	0.56	0.44	1.000	1.000
2	3	-0.59	0.52	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	29.20	1.48	20
	1	28.78	1.39	19
	Total	29.00	1.43	39
1	0	27.94	1.23	20
	1	26.64	1.31	20
	Total	27.29	1.42	40
2	0	27.29	1.78	20
	1	26.54	1.54	20
	Total	26.92	1.69	40
3	0	26.30	2.16	19
	1	25.45	2.34	18
	Total	25.89	2.26	37
Total	0	27.70	1.96	79
	1	26.86	2.03	77
	Total	27.29	2.04	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.	P2
GROUP	0.000	
GENDER	0.002	0.625
GROUP * GENDER	0.705	

Table 18
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.71	0.38	0.000	0.021
	2	2.08	0.38	0.000	0.000
	3	3.11	0.39	0.000	0.000
1	2	0.37	0.38	1.000	1.000
	3	1.40	0.38	0.002	0.574
2	3	1.03	0.38	0.049	1.000

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	28.05	1.47	13
	1	26.99	1.89	12
	Total	27.54	1.74	25
1	0	25.80	1.76	17
	1	24.93	1.45	17
	Total	25.37	1.65	34
2	0	25.62	2.42	13
	1	24.64	2.31	9
	Total	25.22	2.37	22
3	0	25.45	1.44	9
	1	24.89	1.93	8
	Total	25.19	1.66	17
Total	0	26.26	2.07	52
	1	25.40	2.02	46
	Total	25.86	2.08	98

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.	P2
GROUP	0.000	
GENDER	0.026	1.000
GROUP * GENDER	0.977	

Table 21
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.18	0.48	0.000	0.033
	2	2.33	0.54	0.000	0.062
	3	2.36	0.58	0.001	0.156
1	2	0.15	0.50	1.000	1.000
	3	0.18	0.55	1.000	1.000
2	3	0.03	0.59	1.000	1.000

Tooth: L1
 Table 22
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	23.98	1.86	19
	1	24.55	1.77	20
	Total	24.27	1.81	39
1	0	22.05	1.41	20
	1	22.42	1.73	19
	Total	22.23	1.56	39
2	0	21.51	2.44	17
	1	21.70	1.41	18
	Total	21.61	1.95	35
3	0	20.08	2.44	11
	1	20.53	1.65	13
	Total	20.33	2.01	24
Total	0	22.13	2.37	67
	1	22.49	2.17	70
	Total	22.32	2.27	137

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.
GROUP	0.000
GENDER	0.218
GROUP * GENDER	0.976

Table 24
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.05	0.42	0.000	0.004
	2	2.67	0.43	0.000	0.000
	3	3.95	0.48	0.000	0.000
1	2	0.62	0.43	0.893	1.000
	3	1.90	0.48	0.001	0.172
2	3	1.28	0.49	0.057	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	24.18	1.67	17
	1	24.01	1.88	18
	Total	24.09	1.76	35
1	0	22.78	1.04	19
	1	22.19	1.79	19
	Total	22.49	1.47	38
2	0	21.60	2.13	17
	1	21.70	1.35	19
	Total	21.65	1.74	36
3	0	20.87	2.14	16
	1	20.03	1.76	18
	Total	20.43	1.97	34
Total	0	22.39	2.13	69
	1	21.98	2.18	74
	Total	22.18	2.16	143

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.
GROUP	0.000
GENDER	0.203
GROUP * GENDER	0.671

Table 27
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.61	0.41	0.001	0.208
	2	2.44	0.41	0.000	0.000
	3	3.67	0.42	0.000	0.000
1	2	0.83	0.40	0.252	1.000
	3	2.06	0.41	0.000	0.003
2	3	1.23	0.42	0.022	1.000

Tooth: L3
 Table 28
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	27.52	2.20	20
	1	26.32	2.00	19
	Total	26.94	2.20	39
1	0	24.80	1.80	20
	1	24.05	1.60	20
	Total	24.43	1.80	40
2	0	24.12	2.10	17
	1	23.64	1.70	20
	Total	23.86	1.90	37
3	0	23.96	3.70	15
	1	21.40	1.70	16
	Total	22.64	3.10	31
Total	0	25.22	2.80	72
	1	23.95	2.40	75
	Total	24.57	2.70	147

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.	P2
GROUP	0.000	
GENDER	0.001	0.174
GROUP * GENDER	0.212	

Table 30
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.51	0.49	0.000	0.001
	2	3.08	0.49	0.000	0.000
	3	4.30	0.52	0.000	0.000
1	2	0.57	0.49	1.000	1.000
	3	1.79	0.52	0.004	1.000
2	3	1.22	0.52	0.130	1.000

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	24.80	1.30	19
	1	24.50	1.90	20
	Total	24.60	1.60	39
1	0	22.80	1.40	19
	1	22.20	1.10	20
	Total	22.50	1.30	39
2	0	22.10	1.70	16
	1	21.60	1.40	20
	Total	21.80	1.50	36
3	0	22.40	1.80	15
	1	20.60	1.70	11
	Total	21.60	2.00	26
Total	0	23.10	1.90	69
	1	22.40	2.00	71
	Total	22.70	2.00	140

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.	P2
GROUP	0.000	
GENDER	0.004	1.000
GROUP * GENDER	0.241	

Table 33
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.15	0.35	0.000	0.000
	2	2.82	0.36	0.000	0.000
	3	3.01	0.39	0.000	0.000
1	2	0.67	0.36	0.377	1.000
	3	0.85	0.39	0.181	1.000
2	3	0.19	0.40	1.000	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	23.29	1.37	16
	1	22.47	1.78	17
	Total	22.87	1.62	33
1	0	20.97	1.88	16
	1	20.48	1.33	15
	Total	20.74	1.63	31
2	0	20.27	1.82	8
	1	20.11	1.81	6
	Total	20.20	1.75	14
3	0	20.25	0.63	9
	1	20.08	1.67	5
	Total	20.19	1.05	14
Total	0	21.48	1.99	49
	1	21.17	1.90	43
	Total	21.34	1.94	92

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.
GROUP	0.000
GENDER	0.268
GROUP * GENDER	0.887

Table 36
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.13	0.40	0.000	0.001
	2	2.67	0.51	0.000	0.002
	3	2.68	0.51	0.000	0.001
1	2	0.54	0.51	1.000	1.000
	3	0.55	0.51	1.000	1.000
2	3	0.01	0.60	1.000	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	31.86	1.85	20
	1	30.96	2.09	18
	Total	31.43	1.99	38
1	0	29.83	1.71	20
	1	28.71	1.89	20
	Total	29.27	1.86	40
2	0	29.34	2.16	20
	1	28.51	1.65	20
	Total	28.92	1.94	40
3	0	28.58	2.04	19
	1	28.42	1.86	19
	Total	28.50	1.93	38
Total	0	29.92	2.26	79
	1	29.11	2.11	77
	Total	29.52	2.22	156

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.	P2
GROUP	0.000	
GENDER	0.015	1.000
GROUP * GENDER	0.720	

Table 39
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.16	0.43	0.000	0.003
	2	2.51	0.43	0.000	0.000
	3	2.93	0.44	0.000	0.000
1	2	0.35	0.43	1.000	1.000
	3	0.77	0.43	0.472	1.000
2	3	0.42	0.43	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: P.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	28.69	2.30	14
	1	28.18	1.85	11
	Total	28.46	2.09	25
1	0	27.48	2.12	12
	1	26.89	1.79	17
	Total	27.13	1.92	29
2	0	27.75	2.76	10
	1	26.16	2.56	8
	Total	27.05	2.72	18
3	0	28.00	1.17	6
	1	24.94	2.47	7
	Total	26.35	2.48	13
Total	0	28.02	2.23	42
	1	26.77	2.27	43
	Total	27.39	2.32	85

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: P.B

Source	Sig.	P2
GROUP	0.035	
GENDER	0.005	1.000
GROUP * GENDER	0.302	

Table 42
 Multiple Comparisons
 Dependent Variable: P.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.33	0.59	0.164	1.000
	2	1.42	0.67	0.225	1.000
	3	2.11	0.74	0.033	1.000
1	2	0.09	0.65	1.000	1.000
	3	0.79	0.72	1.000	1.000
2	3	0.70	0.79	1.000	1.000

Appendix 4

Dependent variable Ab (area, buccal view)

Tooth: U1

Table 1: Descriptive Statistics

Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	81.17	9.92	20
	1	76.06	9.23	20
	Total	78.61	9.81	40
1	0	67.97	7.44	20
	1	64.32	11.23	20
	Total	66.14	9.58	40
2	0	63.27	10.77	20
	1	62.68	4.94	20
	Total	62.98	8.28	40
3	0	56.03	14.38	20
	1	55.04	8.07	21
	Total	55.52	11.45	41
Total	0	67.11	14.13	80
	1	64.41	11.40	81
	Total	65.75	12.86	161

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: A.B

Source	P	P2
GROUP	0	
GENDER	0.09768981	1.000
GROUP * GENDER	0.69277449	

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: A.B

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	12.47	2.20	0.000	0.000
	2	15.64	2.20	0.000	0.000
	3	23.09	2.19	0.000	0.000
1	2	3.16	2.20	0.917	1.000
	3	10.62	2.19	0.000	0.005
2	3	7.46	2.19	0.005	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	48.79	8.12	17
	1	46.15	6.87	18
	Total	47.43	7.51	35
1	0	31.39	10.34	9
	1	31.25	6.95	14
	Total	31.30	8.21	23
2	0	32.11	7.40	13
	1	32.00	7.11	14
	Total	32.05	7.11	27
3	0	33.55	4.77	7
	1	27.67	7.83	11
	Total	29.96	7.26	18
Total	0	38.35	11.21	46
	1	35.45	10.21	57
	Total	36.74	10.72	103

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.
GROUP	3.4417E-15
GENDER	0.1612127
GROUP * GENDER	0.58573567

Table 6
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	16.12	2.02	0.000	0.000
	2	15.38	1.93	0.000	0.000
	3	17.47	2.19	0.000	0.000
1	2	-0.75	2.14	1.000	1.000
	3	1.34	2.37	1.000	1.000
2	3	2.09	2.30	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	60.54	7.05	19
	1	57.27	8.05	18
	Total	58.95	7.63	37
1	0	47.19	6.16	18
	1	44.16	7.78	17
	Total	45.72	7.06	35
2	0	42.16	8.57	11
	1	42.23	5.02	17
	Total	42.20	6.49	28
3	0	38.42	8.17	9
	1	39.55	6.01	11
	Total	39.04	6.89	20
Total	0	49.29	11.11	57
	1	46.58	9.72	63
	Total	47.87	10.45	120

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.
GROUP	0
GENDER	0.3448243
GROUP * GENDER	0.58377421

Table 9
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	13.23	1.67	0.000	0.000
	2	16.75	1.78	0.000	0.000
	3	19.91	1.97	0.000	0.000
1	2	3.52	1.80	0.320	1.000
	3	6.68	1.99	0.006	1.000
2	3	3.16	2.08	0.786	1.000

Tooth: U4
 Table 10
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	39.57	3.78	18
	1	39.44	6.13	20
	Total	39.50	5.09	38
1	0	33.37	3.87	19
	1	32.68	4.38	19
	Total	33.02	4.09	38
2	0	28.82	6.70	17
	1	29.28	4.06	16
	Total	29.04	5.50	33
3	0	30.54	4.32	12
	1	27.27	3.78	7
	Total	29.33	4.34	19
Total	0	33.37	6.29	66
	1	33.37	6.61	62
	Total	33.37	6.43	128

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.
GENDER	0.32049684
GROUP * GENDER	0.61127201

Table 12
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	6.48	1.11	0.000	0.000
	2	10.46	1.16	0.000	0.000
	3	10.17	1.36	0.000	0.000
1	2	3.98	1.16	0.005	1.000
	3	3.69	1.36	0.047	1.000
2	3	-0.29	1.40	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	32.78	4.00	20
	1	32.27	5.62	20
	Total	32.53	4.82	40
1	0	26.78	3.60	19
	1	25.60	3.62	17
	Total	26.22	3.61	36
2	0	23.95	5.89	9
	1	22.02	3.32	6
	Total	23.18	4.97	15
3	0	25.88	2.92	10
	1	22.27	4.76	6
	Total	24.53	3.99	16
Total	0	28.26	5.24	58
	1	27.48	6.19	49
	Total	27.90	5.68	107

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.	P2
GROUP	0	
GENDER	0.05826779	1.000
GROUP * GENDER	0.69054995	

Table 15
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	6.31	1.00	0.000	0.000
	2	9.35	1.32	0.000	0.000
	3	8.00	1.29	0.000	0.000
1	2	3.04	1.34	0.150	1.000
	3	1.69	1.31	1.000	1.000
2	3	-1.35	1.56	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	52.09	4.73	20
	1	50.06	6.59	19
	Total	51.10	5.73	39
1	0	47.60	4.23	20
	1	43.16	5.02	20
	Total	45.38	5.10	40
2	0	44.76	6.79	20
	1	42.13	5.46	20
	Total	43.44	6.23	40
3	0	40.54	7.41	19
	1	37.03	6.08	18
	Total	38.83	6.93	37
Total	0	46.32	7.17	79
	1	43.16	7.31	77
	Total	44.76	7.39	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.	P2
GROUP	0	
GENDER	0.00101734	0.27061
GROUP * GENDER	0.81133539	

Table 18
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	5.72	1.32	0.000	0.042
	2	7.66	1.32	0.000	0.000
	3	12.27	1.35	0.000	0.000
1	2	1.93	1.31	0.853	1.000
	3	6.55	1.34	0.000	0.004
2	3	4.61	1.34	0.004	1.000

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	45.58	5.73	13
	1	44.06	7.80	12
	Total	44.85	6.71	25
1	0	38.18	7.01	17
	1	35.99	4.86	17
	Total	37.08	6.04	34
2	0	38.34	7.02	13
	1	35.20	9.06	9
	Total	37.06	7.87	22
3	0	37.04	6.44	9
	1	35.60	7.36	8
	Total	36.36	6.70	17
Total	0	39.87	7.25	52
	1	37.87	7.76	46
	Total	38.93	7.52	98

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.
GROUP	4.5707E-05
GENDER	0.14997875
GROUP * GENDER	0.97592528

Table 21
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	7.77	1.80	0.000	0.063
	2	7.79	1.99	0.001	0.288
	3	8.49	2.14	0.001	0.238
1	2	0.02	1.87	1.000	1.000
	3	0.72	2.03	1.000	1.000
2	3	0.70	2.20	1.000	1.000

Tooth. L1
 Table 22
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	38.13	5.20	19
	1	39.52	5.23	20
	Total	38.84	5.19	39
1	0	31.87	3.52	20
	1	33.00	4.53	19
	Total	32.42	4.03	39
2	0	30.99	5.83	17
	1	31.74	3.52	18
	Total	31.38	4.73	35
3	0	27.53	6.27	11
	1	29.71	4.49	13
	Total	28.71	5.37	24
Total	0	32.71	6.25	67
	1	33.93	5.77	70
	Total	33.33	6.02	137

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.
GROUP	0
GENDER	0.10682358
GROUP * GENDER	0.95449104

Table 24
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	6.42	1.09	0.000	0.000
	2	7.47	1.12	0.000	0.000
	3	10.13	1.25	0.000	0.000
1	2	1.04	1.12	1.000	1.000
	3	3.71	1.25	0.022	1.000
2	3	2.67	1.28	0.234	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	40.48	5.18	17
	1	38.75	5.20	18
	Total	39.59	5.19	35
1	0	35.48	3.04	19
	1	33.66	5.13	19
	Total	34.57	4.26	38
2	0	32.45	5.61	17
	1	32.96	3.71	19
	Total	32.72	4.64	36
3	0	30.18	5.43	16
	1	29.04	4.48	18
	Total	29.58	4.91	34
Total	0	34.74	6.10	69
	1	33.59	5.71	74
	Total	34.15	5.91	143

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.
GROUP	0
GENDER	0.19207114
GROUP * GENDER	0.70871834

Table 27
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	5.02	1.12	0.000	0.023
	2	6.88	1.13	0.000	0.000
	3	10.02	1.15	0.000	0.000
1	2	1.85	1.11	0.582	1.000
	3	4.99	1.12	0.000	0.030
2	3	3.14	1.14	0.040	1.000

Tooth: L3
 Table 28
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	55.55	8.40	20
	1	50.36	6.70	19
	Total	53.03	8.00	39
1	0	45.42	6.40	20
	1	42.06	5.10	20
	Total	43.74	6.00	40
2	0	42.98	7.00	17
	1	41.20	5.50	20
	Total	42.02	6.20	37
3	0	42.65	12.20	15
	1	34.50	5.60	16
	Total	38.44	10.10	31
Total	0	47.08	10.00	72
	1	42.32	7.90	75
	Total	44.65	9.20	147

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.	P2
GROUP	0	
GENDER	0.00019073	1.000
GROUP * GENDER	0.3155939	

Table 30
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	9.29	1.63	0.000	0.000
	2	11.01	1.67	0.000	0.000
	3	14.58	1.75	0.000	0.000
1	2	1.72	1.66	1.000	1.000
	3	5.30	1.74	0.017	1.000
2	3	3.57	1.77	0.271	1.000

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	45.20	4.90	19
	1	44.20	6.50	20
	Total	44.70	5.70	39
1	0	38.70	4.70	19
	1	36.60	3.50	20
	Total	37.60	4.20	39
2	0	36.10	5.10	16
	1	34.90	4.40	20
	Total	35.40	4.70	36
3	0	37.00	6.10	15
	1	32.00	5.40	11
	Total	34.80	6.20	26
Total	0	39.50	6.20	69
	1	37.50	6.60	71
	Total	38.50	6.50	140

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.	P2
GROUP	0	
GENDER	0.00938486	1.000
GROUP * GENDER	0.42735459	

Table 33
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	7.08	1.16	0.000	0.000
	2	9.25	1.18	0.000	0.000
	3	9.84	1.29	0.000	0.000
1	2	2.17	1.18	0.411	1.000
	3	2.76	1.29	0.207	1.000
2	3	0.59	1.31	1.000	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	38.87	4.61	16
	1	35.87	5.05	17
	Total	37.32	5.00	33
1	0	32.73	5.75	16
	1	30.46	3.90	15
	Total	31.63	5.00	31
2	0	29.96	5.24	8
	1	29.80	6.30	6
	Total	29.89	5.48	14
3	0	29.46	2.13	9
	1	30.36	6.35	5
	Total	29.78	3.93	14
Total	0	33.68	6.05	49
	1	32.49	5.57	43
	Total	33.13	5.83	92

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.
GROUP	4.5058E-07
GENDER	0.31901352
GROUP * GENDER	0.59245747

Table 36
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	5.69	1.23	0.000	0.021
	2	7.43	1.57	0.000	0.013
	3	7.54	1.57	0.000	0.010
1	2	1.74	1.58	1.000	1.000
	3	1.85	1.58	1.000	1.000
2	3	0.11	1.85	1.000	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	62.22	7.72	20
	1	60.08	7.69	18
	Total	61.21	7.68	38
1	0	55.24	5.68	20
	1	51.44	6.78	20
	Total	53.34	6.47	40
2	0	51.49	8.54	20
	1	49.65	7.02	20
	Total	50.57	7.77	40
3	0	49.00	8.61	19
	1	48.49	5.21	19
	Total	48.75	7.03	38
Total	0	54.56	9.07	79
	1	52.27	7.97	77
	Total	53.43	8.60	156

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.	P2
GROUP	0	
GENDER	0.07638954	1.000
GROUP * GENDER	0.79715328	

Table 39
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	7.86	1.64	0.000	0.006
	2	10.64	1.64	0.000	0.000
	3	12.46	1.66	0.000	0.000
1	2	2.77	1.62	0.535	1.000
	3	4.59	1.64	0.035	1.000
2	3	1.82	1.64	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: A.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	50.19	8.30	14
	1	46.46	7.36	11
	Total	48.55	7.96	25
1	0	43.82	7.35	12
	1	42.75	7.60	17
	Total	43.19	7.38	29
2	0	44.77	8.84	10
	1	39.28	10.21	8
	Total	42.33	9.60	18
3	0	42.17	6.58	6
	1	35.59	8.88	7
	Total	38.62	8.31	13
Total	0	45.93	8.28	42
	1	41.89	8.79	43
	Total	43.89	8.73	85

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: A.B

Source	Sig.	P2
GROUP	0.0061131	
GENDER	0.02617355	1.000
GROUP * GENDER	0.71592681	

Table 42
 Multiple Comparisons
 Dependent Variable: A.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	5.35	2.22	0.108	1.000
	2	6.22	2.51	0.092	1.000
	3	9.92	2.78	0.004	0.973
1	2	0.87	2.44	1.000	1.000
	3	4.57	2.71	0.574	1.000
2	3	3.70	2.96	1.000	1.000

Appendix 5

Dependent Variable CIBM1 (crown index of buccal morphology 1)

Tooth: U1

Table 1: Descriptive Statistics
Dependent Variable: CIBM1

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.93	0.11	20
	1	0.94	0.08	20
	Total	0.93	0.10	40
1	0	0.91	0.09	20
	1	0.93	0.07	20
	Total	0.92	0.08	40
2	0	0.92	0.11	20
	1	0.94	0.09	20
	Total	0.93	0.10	40
3	0	0.98	0.20	20
	1	0.94	0.14	21
	Total	0.96	0.17	41
Total	0	0.94	0.14	80
	1	0.94	0.10	81
	Total	0.94	0.12	161

Table 2: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: CIBM1

Source	Sig.
GROUP	0.496
GENDER	0.920
GROUP * GENDER	0.681

Tooth: U2

Table 3: Descriptive Statistics
Dependent Variable: CIBM1

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.90	0.10	17
	1	0.92	0.11	18
	Total	0.91	0.10	35
1	0	0.81	0.11	9
	1	0.86	0.10	14
	Total	0.84	0.10	23
2	0	0.84	0.11	13
	1	0.86	0.12	14
	Total	0.85	0.11	27
3	0	0.80	0.08	7
	1	0.91	0.16	11
	Total	0.87	0.14	18
Total	0	0.85	0.11	46
	1	0.89	0.12	57
	Total	0.87	0.12	103

Table 4: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: CIBM1

Source	Sig.	P2
GROUP	0.077	
GENDER	0.031	1.000
GROUP * GENDER	0.490	

Table 5
Multiple Comparisons
Dependent Variable: CROWN.B
Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.06	0.03	0.212	1.000
	2	0.06	0.03	0.241	1.000
	3	0.04	0.03	1.000	1.000
1	2	0.00	0.03	1.000	1.000
	3	-0.02	0.04	1.000	1.000
2	3	-0.02	0.03	1.000	1.000

P1: Bonferroni corrected significance level for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: U3
 Table 6
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.90	0.10	19
	1	0.92	0.09	18
	Total	0.91	0.09	37
1	0	0.93	0.07	18
	1	0.95	0.09	17
	Total	0.94	0.08	35
2	0	1.00	0.10	11
	1	0.98	0.10	17
	Total	0.99	0.10	28
3	0	0.97	0.12	9
	1	0.99	0.14	11
	Total	0.98	0.13	20
Total	0	0.94	0.10	57
	1	0.96	0.11	63
	Total	0.95	0.10	120

Table 7
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.008
GENDER	0.534
GROUP * GENDER	0.856

Table 8
 Multiple Comparisons
 Dependent Variable: CROWN.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.02	1.000	1.000
	2	-0.08	0.03	0.015	1.000
	3	-0.07	0.03	0.054	1.000
1	2	-0.05	0.03	0.354	1.000
	3	-0.04	0.03	0.679	1.000
2	3	0.00	0.03	1.000	1.000

Tooth: U4
 Table 9
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.01	0.10	18
	1	0.99	0.08	20
	Total	1.00	0.09	38
1	0	1.02	0.12	19
	1	1.00	0.08	19
	Total	1.01	0.10	38
2	0	1.10	0.23	17
	1	1.08	0.11	16
	Total	1.09	0.18	33
3	0	1.03	0.13	12
	1	1.08	0.10	7
	Total	1.05	0.12	19
Total	0	1.04	0.15	66
	1	1.03	0.10	62
	Total	1.03	0.13	128

Table 10
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.010
GENDER	0.931
GROUP * GENDER	0.833

Table 11
 Multiple Comparisons
 Dependent Variable: CROWN.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.01	0.03	1.000	1.000
	2	-0.09	0.03	0.014	1.000
	3	-0.05	0.04	0.797	1.000
1	2	-0.08	0.03	0.043	1.000
	3	-0.04	0.04	1.000	1.000
2	3	0.04	0.04	1.000	1.000

Tooth: U5
 Table 12
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.15	0.14	20
	1	1.16	0.13	20
	Total	1.15	0.14	40
1	0	1.12	0.12	19
	1	1.15	0.11	17
	Total	1.13	0.12	36
2	0	1.15	0.15	9
	1	1.41	0.18	6
	Total	1.25	0.20	15
3	0	1.15	0.12	10
	1	1.21	0.16	6
	Total	1.17	0.13	16
Total	0	1.14	0.13	58
	1	1.19	0.15	49
	Total	1.16	0.14	107

Table 13
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.007
GENDER	0.002
GROUP * GENDER	0.032

Table 14
 Multiple Comparisons
 Dependent Variable: CROWN.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.03	0.04	1.000	1.000
	Mmoderat	0.00	0.05	1.000	1.000
	Msevere	0.00	0.05	1.000	1.000
	Fcontrol	-0.02	0.04	1.000	1.000
Mmild	Mmoderat	-0.03	0.05	1.000	1.000
	Msevere	-0.03	0.05	1.000	1.000
	Fmild	-0.03	0.04	1.000	1.000
Mmoderat	Msevere	0.00	0.06	1.000	1.000
	Fmoderat	-0.26	0.07	0.007	1.000
Msevere	Fsevere	-0.07	0.07	1.000	1.000
Fcontrol	Fmild	0.01	0.04	1.000	1.000
	Fmoderat	-0.24	0.06	0.003	0.688
	Fsevere	-0.05	0.06	1.000	1.000
Fmild	Fmoderat	-0.26	0.06	0.002	0.465
	Fsevere	-0.06	0.06	1.000	1.000
Fmoderat	Fsevere	0.19	0.08	0.232	1.000

Tooth: U6
 Table 15
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.05	0.23	20
	1	2.15	0.44	19
	Total	2.10	0.35	39
1	0	2.09	0.19	20
	1	2.14	0.32	20
	Total	2.12	0.26	40
2	0	2.19	0.31	20
	1	2.25	0.29	20
	Total	2.22	0.30	40
3	0	2.36	0.37	19
	1	2.50	0.49	18
	Total	2.43	0.43	37
Total	0	2.17	0.30	79
	1	2.26	0.41	77
	Total	2.21	0.36	156

Table 16
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.000
GENDER	0.110
GROUP * GENDER	0.914

Table 17
 Multiple Comparisons
 Dependent Variable: CROWN.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.02	0.08	1.000	1.000
	2	-0.12	0.08	0.642	1.000
	3	-0.33	0.08	0.000	0.069
1	2	-0.11	0.08	0.937	1.000
	3	-0.31	0.08	0.001	0.138
2	3	-0.20	0.08	0.055	1.000

Tooth: U7
 Table 18
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.36	0.42	13
	1	2.12	0.24	12
	Total	2.24	0.36	25
1	0	2.48	0.52	17
	1	2.36	0.28	17
	Total	2.42	0.42	34
2	0	2.31	0.32	13
	1	2.50	0.47	9
	Total	2.39	0.39	22
3	0	2.27	0.28	9
	1	2.47	0.66	8
	Total	2.36	0.49	17
Total	0	2.37	0.41	52
	1	2.34	0.41	46
	Total	2.36	0.41	98

Table 19
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.368
GENDER	0.944
GROUP * GENDER	0.201

Tooth: L1
 Table 20
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.71	0.08	19
	1	0.67	0.06	20
	Total	0.69	0.07	39
1	0	0.67	0.10	20
	1	0.67	0.06	19
	Total	0.67	0.08	39
2	0	0.71	0.11	17
	1	0.69	0.07	18
	Total	0.70	0.09	35
3	0	0.76	0.11	11
	1	0.73	0.09	13
	Total	0.75	0.10	24
Total	0	0.71	0.10	67
	1	0.69	0.07	70
	Total	0.70	0.09	137

Table 21
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.006
GENDER	0.186
GROUP * GENDER	0.861

Table 22
 Multiple Comparisons
 Dependent Variable: CROWN.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.02	0.02	1.000	1.000
	2	-0.01	0.02	1.000	1.000
	3	-0.06	0.02	0.062	1.000
1	2	-0.03	0.02	0.532	1.000
	3	-0.08	0.02	0.004	0.975
2	3	-0.04	0.02	0.333	1.000

Tooth: L2
 Table 23
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.80	0.07	17
	1	0.74	0.09	18
	Total	0.77	0.09	35
1	0	0.72	0.07	19
	1	0.72	0.06	19
	Total	0.72	0.07	38
2	0	0.73	0.08	17
	1	0.78	0.09	19
	Total	0.76	0.09	36
3	0	0.73	0.10	16
	1	0.81	0.13	18
	Total	0.77	0.12	34
Total	0	0.75	0.09	69
	1	0.76	0.10	74
	Total	0.75	0.09	143

Table 24
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.091
GENDER	0.277
GROUP * GENDER	0.005

Table 25
 Multiple Comparisons
 Dependent Variable: CROWN.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.08	0.03	0.097	1.000
	Mmoderat	0.07	0.03	0.244	1.000
	Msevere	0.08	0.03	0.196	1.000
Mmild	Fcontrol	0.07	0.03	0.449	1.000
	Mmoderat	-0.01	0.03	1.000	1.000
	Msevere	0.00	0.03	1.000	1.000
Mmoderat	Fmild	0.00	0.03	1.000	1.000
	Msevere	0.00	0.03	1.000	1.000
	Fmoderat	-0.05	0.03	1.000	1.000
Msevere	Fsevere	-0.08	0.03	0.156	1.000
	Fcontrol	0.01	0.03	1.000	1.000
	Fmoderat	-0.04	0.03	1.000	1.000
Fcontrol	Fsevere	-0.07	0.03	0.367	1.000
	Fmild	-0.06	0.03	0.871	1.000
	Fsevere	-0.08	0.03	0.089	1.000
Fmoderat	Fsevere	-0.03	0.03	1.000	1.000

Tooth: L3
 Table 26
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.82	0.10	20
	1	0.78	0.10	19
	Total	0.80	0.10	39
1	0	0.79	0.10	20
	1	0.76	0.10	20
	Total	0.78	0.10	40
2	0	0.81	0.10	17
	1	0.81	0.10	20
	Total	0.81	0.10	37
3	0	0.81	0.10	15
	1	0.92	0.10	16
	Total	0.87	0.10	31
Total	0	0.81	0.10	72
	1	0.81	0.10	75
	Total	0.81	0.10	147

Table 27
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.003
GENDER	0.501
GROUP * GENDER	0.004

Table 28
 Multiple Comparisons
 Dependent Variable: CROWN.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.03	0.03	1.000	1.000
	Mmoderat	0.01	0.03	1.000	1.000
	Msevere	0.01	0.03	1.000	1.000
	Fcontrol	0.04	0.03	1.000	1.000
Mmild	Mmoderat	-0.01	0.03	1.000	1.000
	Msevere	-0.01	0.03	1.000	1.000
	Fmild	0.03	0.03	1.000	1.000
Mmoderat	Msevere	0.00	0.03	1.000	1.000
	Fmoderat	0.00	0.03	1.000	1.000
Msevere	Fsevere	-0.12	0.03	0.020	1.000
Fcontrol	Fmild	0.01	0.03	1.000	1.000
	Fmoderat	-0.03	0.03	1.000	1.000
	Fsevere	-0.15	0.03	0.000	0.070
Fmild	Fmoderat	-0.05	0.03	1.000	1.000
	Fsevere	-0.16	0.03	0.000	0.011
Fmoderat	Fsevere	-0.11	0.03	0.011	1.000

Tooth: L4
 Table 29
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.96	0.08	19
	1	0.95	0.08	20
	Total	0.96	0.08	39
1	0	0.92	0.09	19
	1	0.95	0.07	20
	Total	0.93	0.08	39
2	0	0.96	0.11	16
	1	0.99	0.11	20
	Total	0.97	0.11	36
3	0	0.92	0.13	15
	1	1.03	0.10	11
	Total	0.96	0.13	26
Total	0	0.94	0.10	69
	1	0.97	0.09	71
	Total	0.96	0.10	140

Table 30
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.	P2
GROUP	0.243	
GENDER	0.017	1.000
GROUP * GENDER	0.112	

Tooth: L5
 Table 31
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.13	0.11	16
	1	1.16	0.10	17
	Total	1.14	0.11	33
1	0	1.11	0.15	16
	1	1.12	0.11	15
	Total	1.12	0.13	31
2	0	1.05	0.12	8
	1	1.24	0.18	6
	Total	1.13	0.17	14
3	0	1.05	0.13	9
	1	1.17	0.26	5
	Total	1.09	0.18	14
Total	0	1.10	0.13	49
	1	1.16	0.14	43
	Total	1.12	0.14	92

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.	P2
GROUP	0.816	
GENDER	0.008	1.000
GROUP * GENDER	0.168	

Tooth: L6
 Table 33
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.99	0.25	20
	1	1.92	0.17	18
	Total	1.96	0.21	38
1	0	1.95	0.19	20
	1	1.93	0.19	20
	Total	1.94	0.19	40
2	0	2.15	0.34	20
	1	2.11	0.25	20
	Total	2.13	0.29	40
3	0	2.18	0.27	19
	1	2.17	0.28	19
	Total	2.18	0.27	38
Total	0	2.07	0.28	79
	1	2.03	0.25	77
	Total	2.05	0.26	156

Table 34
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.000
GENDER	0.369
GROUP * GENDER	0.977

Table 35
 Multiple Comparisons
 Dependent Variable: CROWN.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.02	0.06	1.000	1.000
	2	-0.18	0.06	0.013	1.000
	3	-0.22	0.06	0.001	0.286
1	2	-0.19	0.06	0.004	1.000
	3	-0.24	0.06	0.000	0.073
2	3	-0.04	0.06	1.000	1.000

Tooth: L7
 Table 36
 Descriptive Statistics
 Dependent Variable: CROWN.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.18	0.28	14
	1	2.28	0.39	11
	Total	2.22	0.33	25
1	0	2.30	0.40	12
	1	2.26	0.45	17
	Total	2.28	0.42	29
2	0	2.27	0.41	10
	1	2.45	0.51	8
	Total	2.35	0.45	18
3	0	2.74	0.40	6
	1	2.51	0.50	7
	Total	2.61	0.46	13
Total	0	2.32	0.39	42
	1	2.34	0.45	43
	Total	2.33	0.42	85

Table 37
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.B

Source	Sig.
GROUP	0.046
GENDER	0.974
GROUP * GENDER	0.531

Table 38
 Multiple Comparisons
 Dependent Variable: CROWN.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.05	0.11	1.000	1.000
	2	-0.12	0.13	1.000	1.000
	3	-0.39	0.14	0.043	1.000
1	2	-0.07	0.12	1.000	1.000
	3	-0.34	0.14	0.105	1.000
2	3	-0.27	0.15	0.483	1.000

Appendix 6

Dependent variable MD25 (proportional mesiodistal dimension, buccal view)

Tooth: U1

Table 1: Descriptive Statistics
Dependent Variable: MD.G25

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.67	0.80	20
	1	7.44	0.65	20
	Total	7.55	0.73	40
1	0	7.01	0.65	20
	1	6.68	0.73	20
	Total	6.85	0.70	40
2	0	6.95	0.74	20
	1	6.95	0.62	20
	Total	6.95	0.67	40
3	0	6.75	0.75	20
	1	6.80	0.79	21
	Total	6.78	0.76	41
Total	0	7.10	0.80	80
	1	6.97	0.75	81
	Total	7.03	0.77	161

Table 2: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: MD.G25

Source	Sig.
GROUP	0.000
GENDER	0.261
GROUP * GENDER	0.571

Table 3: Multiple Comparisons
Post-hoc-tests
Dependent Variable: MD.G25

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.71	0.16	0.000	0.033
	2	0.60	0.16	0.002	0.422
	3	0.78	0.16	0.000	0.005
1	2	-0.11	0.16	1.000	1.000
	3	0.07	0.16	1.000	1.000
2	3	0.18	0.16	1.000	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: MD.G25

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.20	0.55	17
	1	5.32	0.74	18
	Total	5.26	0.65	35
1	0	4.54	1.14	9
	1	4.34	0.61	14
	Total	4.42	0.84	23
2	0	4.72	0.84	13
	1	4.57	0.93	14
	Total	4.64	0.88	27
3	0	4.71	0.72	7
	1	4.42	0.53	10
	Total	4.54	0.61	17
Total	0	4.86	0.82	46
	1	4.72	0.83	56
	Total	4.79	0.82	102

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: MD.G25

Source	Sig.
GROUP	0.000
GENDER	0.404
GROUP * GENDER	0.779

Table 6
 Multiple Comparisons
 Dependent Variable: MD.G25
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.85	0.20	0.000	0.121
	2	0.62	0.20	0.012	1.000
	3	0.73	0.23	0.011	1.000
1	2	-0.23	0.22	1.000	1.000
	3	-0.12	0.24	1.000	1.000
2	3	0.10	0.24	1.000	1.000

Tooth: L1
 Table 7
 Descriptive Statistics
 Dependent Variable: MD.G25

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.79	0.30	19
	1	3.65	0.40	20
	Total	3.72	0.36	39
1	0	3.51	0.40	20
	1	3.45	0.31	19
	Total	3.48	0.36	39
2	0	3.62	0.74	17
	1	3.53	0.30	18
	Total	3.57	0.55	35
3	0	3.48	0.63	11
	1	3.97	0.41	13
	Total	3.75	0.57	24
Total	0	3.61	0.53	67
	1	3.62	0.39	70
	Total	3.62	0.46	137

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: MD.G25

Source	Sig.
GROUP	0.067
GENDER	0.500
GROUP * GENDER	0.039

Table 9
 Multiple Comparisons
 Dependent Variable: MD.G25
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.28	0.14	0.835	1.000
	Mmoderat	0.17	0.15	1.000	1.000
	Msevere	0.31	0.17	1.000	1.000
	Fcontrol	0.14	0.14	1.000	1.000
Mmild	Mmoderat	-0.11	0.15	1.000	1.000
	Msevere	0.03	0.17	1.000	1.000
	Fmild	0.06	0.14	1.000	1.000
Mmoderat	Msevere	0.14	0.17	1.000	1.000
	Fmoderat	0.08	0.15	1.000	1.000
Msevere	Fsevere	-0.49	0.18	0.134	1.000
Fcontrol	Fmild	0.20	0.14	1.000	1.000
	Fmoderat	0.11	0.15	1.000	1.000
	Fsevere	-0.32	0.16	0.708	1.000
Fmild	Fmoderat	-0.08	0.15	1.000	1.000
	Fsevere	-0.52	0.16	0.026	1.000
Fmoderat	Fsevere	-0.44	0.16	0.136	1.000

Tooth: L2
 Table 10
 Descriptive Statistics
 Dependent Variable: MD.G25

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.20	0.43	17
	1	3.69	0.30	18
	Total	3.94	0.44	35
1	0	3.77	0.52	19
	1	3.54	0.46	19
	Total	3.66	0.50	38
2	0	3.78	0.49	17
	1	3.78	0.51	19
	Total	3.78	0.49	36
3	0	3.85	0.59	16
	1	4.04	0.45	18
	Total	3.95	0.52	34
Total	0	3.90	0.53	69
	1	3.76	0.46	74
	Total	3.83	0.50	143

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: MD.G25

Source	Sig.
GROUP	0.027
GENDER	0.089
GROUP * GENDER	0.017

Table 12
 Multiple Comparisons
 Dependent Variable: MD.G25
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.43	0.16	0.125	1.000
	Mmoderat	0.42	0.16	0.166	1.000
	Msevere	0.35	0.17	0.554	1.000
Mmild	Fcontrol	0.51	0.16	0.031	1.000
	Mmoderat	0.00	0.16	1.000	1.000
	Msevere	-0.08	0.16	1.000	1.000
Mmoderat	Fmild	0.23	0.15	1.000	1.000
	Msevere	-0.07	0.17	1.000	1.000
	Fmoderat	0.00	0.16	1.000	1.000
Msevere	Fsevere	-0.19	0.16	1.000	1.000
	Fcontrol	0.15	0.16	1.000	1.000
	Fmoderat	-0.09	0.16	1.000	1.000
Fcontrol	Fsevere	-0.34	0.16	0.499	1.000
	Fmild	-0.24	0.15	1.000	1.000
	Fsevere	-0.50	0.16	0.029	1.000
Fmoderat	Fsevere	-0.25	0.16	1.000	1.000

Appendix 7

Dependent variable MD50 (proportional mesiodistal dimension, buccal view)

Tooth: U1

Table 1: Descriptive Statistics
Dependent Variable: MD50

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.11	0.77	20
	1	8.86	0.62	20
	Total	8.99	0.70	40
1	0	8.28	0.53	20
	1	8.11	0.72	20
	Total	8.19	0.63	40
2	0	8.03	0.67	20
	1	8.07	0.48	20
	Total	8.05	0.58	40
3	0	7.67	0.77	20
	1	7.61	0.73	21
	Total	7.64	0.74	41
Total	0	8.27	0.86	80
	1	8.16	0.78	81
	Total	8.22	0.82	161

Table 2: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: MD50

Source	Sig.
GROUP	0.00E+00
GENDER	3.04E-01
GROUP * GENDER	7.97E-01

Table 3: Multiple Comparisons
Post-hoc-tests
Dependent Variable: MD50

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	P2
0	1	0.79	0.15	0.000	0.001
	2	0.93	0.15	0.000	0.000
	3	1.35	0.15	0.000	0.000
1	2	0.14	0.15	1.000	1.000
	3	0.55	0.15	0.002	0.459
2	3	0.41	0.15	0.038	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: MD.M50

GROUP	GENDER	Mean	Std. Deviation	N
0	0	6.91	0.62	17
	1	6.92	0.49	18
	Total	6.91	0.54	35
1	0	5.37	1.10	9
	1	5.56	0.77	14
	Total	5.49	0.89	23
2	0	5.60	0.94	13
	1	5.66	0.96	14
	Total	5.63	0.93	27
3	0	5.73	0.47	7
	1	5.41	0.75	10
	Total	5.54	0.65	17
Total	0	6.06	1.03	46
	1	6.00	0.97	56
	Total	6.02	0.99	102

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: MD.M50

Source	Sig.
GROUP	0.00E+00
GENDER	9.25E-01
GROUP * GENDER	7.74E-01

Table 6
 Multiple Comparisons
 Dependent Variable: MD.M50
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	P2
0	1	1.43	0.21	0.000	0.000
	2	1.28	0.20	0.000	0.000
	3	1.37	0.23	0.000	0.000
1	2	-0.15	0.22	1.000	1.000
	3	-0.05	0.25	1.000	1.000
2	3	0.09	0.24	1.000	1.000

Tooth: L1
 Table 7
 Descriptive Statistics
 Dependent Variable: MD.M50

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.27	0.31	19
	1	5.14	0.40	20
	Total	5.20	0.36	39
1	0	4.70	0.34	20
	1	4.71	0.33	19
	Total	4.70	0.33	39
2	0	4.72	0.41	17
	1	4.77	0.36	18
	Total	4.75	0.38	35
3	0	4.62	0.35	11
	1	4.89	0.39	13
	Total	4.77	0.39	24
Total	0	4.85	0.43	67
	1	4.88	0.40	70
	Total	4.87	0.42	137

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: MD.M50

Source	Sig.
GROUP	5.35E-09
GENDER	4.08E-01
GROUP * GENDER	2.04E-01

Table 9
 Multiple Comparisons
 Dependent Variable: MD.M50
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	P2
0	1	0.50	0.08	0.000	0.000
	2	0.46	0.08	0.000	0.000
1	0	-0.50	0.08	0.000	0.000
	2	-0.04	0.08	1.000	1.000
2	0	-0.07	0.09	1.000	1.000
	1	-0.02	0.10	1.000	1.000

Tooth: L2
 Table 10
 Descriptive Statistics
 Dependent Variable: MD.M50

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.86	0.36	17
	1	5.41	0.29	18
	Total	5.63	0.39	35
1	0	5.30	0.37	19
	1	5.06	0.50	19
	Total	5.18	0.45	38
2	0	5.04	0.41	17
	1	5.27	0.40	19
	Total	5.16	0.42	36
3	0	4.92	0.40	16
	1	5.17	0.32	18
	Total	5.05	0.37	34
Total	0	5.29	0.52	69
	1	5.23	0.40	74
	Total	5.25	0.46	143

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: MD.M50

Source	Sig.
GROUP	5.68E-09
GENDER	4.18E-01
GROUP * GENDER	2.18E-04

Table 12
 Multiple Comparisons
 Dependent Variable: MD.M50
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	Sig.	P2
Mcontrol	Mmild	0.55	0.13	0.00054	0.143
	Mmoderat	0.82	0.13	1.2E-07	0.000
	Msevere	0.93	0.13	2E-09	0.000
Mmild	Fcontrol	0.44	0.13	0.01496	1.000
	Mmoderat	0.26	0.13	0.672	1.000
	Msevere	0.38	0.13	0.06438	1.000
Mmoderat	Fmild	0.24	0.12	0.91487	1.000
	Msevere	0.12	0.13	1	1.000
	Fmoderat	-0.23	0.13	1.28967	1.000
Msevere	Fsevere	-0.24	0.13	1.06794	1.000
	Fcontrol	0.35	0.13	0.10276	1.000
	Fmoderat	0.15	0.13	1	1.000
Fcontrol	Fsevere	0.25	0.13	0.87448	1.000
	Fmild	-0.20	0.12	1	1.000
	Fmoderat	-0.10	0.13	1	1.000
Fmild	Fsevere	0.10	0.13	1	1.000
	Fmoderat	0.10	0.13	1	1.000

Appendix 8

Dependent variable MD75 (proportional mesiodistal dimension, buccal view)

Tooth: U1

Table 1: Descriptive Statistics
Dependent Variable: MD75

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.20	0.75	20
	1	9.03	0.60	20
	Total	9.11	0.68	40
1	0	8.39	0.52	20
	1	8.20	1.06	20
	Total	8.29	0.83	40
2	0	8.03	0.65	20
	1	8.08	0.52	20
	Total	8.06	0.58	40
3	0	7.55	1.02	20
	1	7.28	0.76	21
	Total	7.41	0.89	41
Total	0	8.29	0.96	80
	1	8.14	0.98	81
	Total	8.21	0.97	161

Table 2: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: MD75

Source	Sig.
GROUP	0
GENDER	0.243413
GROUP * GENDER	0.80672854

Table 3: Multiple Comparisons
Multiple Comparisons
Dependent Variable: MD75

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	P2
0	1	0.82	0.17	0.000	0.005
	2	1.06	0.17	0.000	0.000
	3	1.70	0.17	0.000	0.000
1	2	0.24	0.17	1.000	1.000
	3	0.88	0.17	0.000	0.001
2	3	0.64	0.17	0.001	0.333

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: MD.O75

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.08	0.66	17
	1	7.05	0.47	18
	Total	7.07	0.56	35
1	0	4.87	1.30	9
	1	5.51	0.92	14
	Total	5.26	1.10	23
2	0	5.10	0.92	13
	1	5.30	1.02	14
	Total	5.21	0.96	27
3	0	5.11	0.61	7
	1	5.06	1.00	10
	Total	5.08	0.84	17
Total	0	5.79	1.32	46
	1	5.87	1.17	56
	Total	5.84	1.23	102

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O75

Source	Sig.
GROUP	8.8818E-16
GENDER	0.29025465
GROUP * GENDER	0.51060537

Table 6
 Multiple Comparisons
 Dependent Variable: MD.O75
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	P2
0	1	1.81	0.23	0.000	0.000
	2	1.86	0.22	0.000	0.000
	3	1.98	0.26	0.000	0.000
1	2	0.05	0.25	1.000	1.000
	3	0.18	0.28	1.000	1.000
2	3	0.12	0.27	1.000	1.000

Tooth: L1
 Table 7
 Descriptive Statistics
 Dependent Variable: MD.O75

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.67	0.38	19
	1	5.64	0.37	20
	Total	5.66	0.37	39
1	0	5.01	0.37	20
	1	5.15	0.45	19
	Total	5.08	0.41	39
2	0	4.99	0.41	17
	1	5.12	0.40	18
	Total	5.06	0.41	35
3	0	4.94	0.41	11
	1	4.92	0.41	13
	Total	4.93	0.40	24
Total	0	5.18	0.49	67
	1	5.24	0.48	70
	Total	5.21	0.48	137

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O75

Source	Sig.
GROUP	0
GENDER	0.42402836
GROUP * GENDER	0.71315039

Table 9
 Multiple Comparisons
 Dependent Variable: MD.O75
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	P2
0	1	0.57	0.09	0.000	0.000
	2	0.60	0.09	0.000	0.000
	3	0.73	0.10	0.000	0.000
1	2	0.02	0.09	1.000	1.000
	3	0.16	0.10	0.802	1.000
2	3	0.13	0.11	1.000	1.000

Tooth: L2
 Table 10
 Descriptive Statistics
 Dependent Variable: MD.O75

GROUP	GENDER	Mean	Std. Deviation	N
0	0	6.29	0.45	17
	1	5.98	0.35	18
	Total	6.13	0.42	35
1	0	5.63	0.40	19
	1	5.52	0.57	19
	Total	5.58	0.49	38
2	0	5.29	0.57	17
	1	5.60	0.41	19
	Total	5.45	0.51	36
3	0	5.01	0.45	16
	1	5.06	0.47	18
	Total	5.03	0.45	34
Total	0	5.57	0.66	69
	1	5.54	0.55	74
	Total	5.55	0.61	143

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O75

Source	Sig.
GROUP	0
GENDER	0.84872433
GROUP * GENDER	0.03591748

Table 12
 Multiple Comparisons
 Dependent Variable: MD.O75
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.66	0.15	0.001	0.163
	Mmoderat	1.01	0.16	0.000	0.000
	Msevere	1.29	0.16	0.000	0.000
Mmild	Fcontrol	0.31	0.16	0.793	1.000
	Mmoderat	0.35	0.15	0.408	1.000
	Msevere	0.63	0.16	0.002	0.459
Mmoderat	Fmild	0.12	0.15	1.000	1.000
	Msevere	0.28	0.16	1.000	1.000
	Fmoderat	-0.32	0.15	0.676	1.000
Msevere	Fsevere	-0.05	0.16	1.000	1.000
	Fcontrol	0.46	0.15	0.044	1.000
	Fmoderat	0.38	0.15	0.221	1.000
Fcontrol	Fsevere	0.92	0.15	0.000	0.000
	Fmild	-0.08	0.15	1.000	1.000
	Fsevere	0.46	0.15	0.048	1.000
Fmild	Fmoderat	-0.08	0.15	1.000	1.000
	Fsevere	0.54	0.15	0.008	1.000

Appendix 9

Dependent variable Db (distance between MDb and occlusal line, buccal view)

Tooth: 11

Table 1: Descriptive Statistics

Dependent Variable: Db

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.51	1.00	20
	1	2.79	0.56	19
	Total	3.16	0.88	39
1	0	3.20	0.81	18
	1	3.04	0.56	20
	Total	3.11	0.69	38
2	0	3.30	1.10	19
	1	3.50	0.94	20
	Total	3.40	1.01	39
3	0	3.32	1.33	20
	1	4.34	1.00	21
	Total	3.84	1.27	41
Total	0	3.34	1.07	77
	1	3.44	0.98	80
	Total	3.39	1.02	157

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: Db

Source	Sig.
GROUP	0.003
GENDER	0.571
GROUP * GENDER	0.001

Table 3: Multiple Comparisons

Post-hoc tests

Dependent Variable: Db

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.32	0.31	1.000	1.000
	Mmoderat	0.22	0.30	1.000	1.000
	Msevere	0.19	0.30	1.000	1.000
	Fcontrol	0.72	0.30	0.303	1.000
Mmild	Mmoderat	-0.10	0.31	1.000	1.000
	Msevere	-0.12	0.31	1.000	1.000
	Fmild	0.16	0.31	1.000	1.000
Mmoderate	Msevere	-0.02	0.30	1.000	1.000
	Fmoderat	-0.21	0.30	1.000	1.000
Msevere	Fsevere	-1.02	0.30	0.012	1.000
Fcontrol	Fmild	-0.24	0.30	1.000	1.000
	Fmoderat	-0.71	0.30	0.334	1.000
	Fsevere	-1.55	0.30	0.000	0.000
Fmild	Fmoderat	-0.47	0.30	1.000	1.000
	Fsevere	-1.30	0.30	0.000	0.000
Fmoderate	Fsevere	-0.84	0.30	0.085	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: 21
 Table 4
 Descriptive Statistics
 Dependent Variable: Db

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.23	0.89	20
	1	2.53	0.57	19
	Total	2.89	0.82	39
1	0	3.47	0.95	18
	1	2.87	0.58	20
	Total	3.15	0.82	38
2	0	3.73	1.11	20
	1	3.48	1.06	20
	Total	3.60	1.08	40
3	0	3.57	1.46	20
	1	4.37	0.91	21
	Total	3.98	1.26	41
Total	0	3.50	1.12	78
	1	3.34	1.07	80
	Total	3.42	1.09	158

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: Db

Source	Sig.
GROUP	0.000
GENDER	0.238
GROUP * GENDER	0.003

Table 6
 Multiple Comparisons
 Dependent Variable: Db
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.24	0.32	1.000	1.000
	Mmoderat	-0.50	0.31	1.000	1.000
	Msevere	-0.35	0.31	1.000	1.000
	Fcontrol	0.69	0.31	0.473	1.000
Mmild	Mmoderat	-0.26	0.32	1.000	1.000
	Msevere	-0.11	0.32	1.000	1.000
	Fmild	0.60	0.32	1.000	1.000
Mmoderate	Msevere	0.16	0.31	1.000	1.000
	Fmoderat	0.25	0.31	1.000	1.000
Msevere	Fsevere	-0.80	0.31	0.161	1.000
Fcontrol	Fmild	-0.33	0.31	1.000	1.000
	Fmoderat	-0.94	0.31	0.051	1.000
	Fsevere	-1.84	0.31	0.000	0.000
Fmild	Fmoderat	-0.61	0.31	0.834	1.000
	Fsevere	-1.50	0.31	0.000	0.011
Fmoderate	Fsevere	-0.89	0.31	0.065	1.000

Tooth: 12
 Table 7
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.88	0.65	12
	1	2.64	0.59	17
	Total	2.74	0.62	29
1	0	3.19	0.73	6
	1	2.88	0.52	10
	Total	2.99	0.61	16
2	0	3.77	0.60	10
	1	3.15	0.50	11
	Total	3.45	0.62	21
3	0	3.62	0.41	7
	1	2.99	0.61	8
	Total	3.28	0.60	15
Total	0	3.34	0.70	35
	1	2.87	0.58	46
	Total	3.07	0.67	81

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.	P2
GROUP	0.001	
GENDER	0.001	0.364
GROUP * GENDER	0.602	

Table 9
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.25	0.18	0.991	1.000
	2	-0.71	0.17	0.000	0.098
	3	-0.54	0.19	0.026	1.000
1	2	-0.46	0.19	0.126	1.000
	3	-0.29	0.21	1.000	1.000
2	3	0.17	0.20	1.000	1.000

Tooth: 22
 Table 10
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.94	0.64	14
	1	2.71	0.69	17
	Total	2.82	0.67	31
1	0	3.79	1.06	7
	1	2.85	0.48	12
	Total	3.20	0.86	19
2	0	3.24	0.47	11
	1	3.05	0.59	14
	Total	3.13	0.54	25
3	0	3.70	0.43	6
	1	3.11	0.44	8
	Total	3.37	0.52	14
Total	0	3.30	0.73	38
	1	2.90	0.59	51
	Total	3.07	0.68	89

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.	P2
GROUP	0.012	
GENDER	0.001	0.213
GROUP * GENDER	0.178	

Table 12
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.38	0.18	0.235	1.000
	2	-0.32	0.17	0.379	1.000
	3	-0.55	0.20	0.045	1.000
1	2	0.06	0.19	1.000	1.000
	3	-0.17	0.22	1.000	1.000
2	3	-0.23	0.21	1.000	1.000

Tooth: 13
 Table 13
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.21	0.56	17
	1	3.94	0.57	15
	Total	4.08	0.57	32
1	0	3.98	0.81	16
	1	3.74	0.47	15
	Total	3.86	0.67	31
2	0	3.88	0.59	9
	1	3.62	0.53	15
	Total	3.72	0.56	24
3	0	4.19	0.72	8
	1	4.09	0.47	10
	Total	4.13	0.58	18
Total	0	4.07	0.67	50
	1	3.83	0.53	55
	Total	3.94	0.61	105

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.	P2
GROUP	0.107	
GENDER	0.075	1.000
GROUP * GENDER	0.972	

Tooth: 23
 Table 15
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.24	0.61	16
	1	4.03	0.79	17
	Total	4.13	0.71	33
1	0	4.01	0.82	16
	1	3.83	0.30	14
	Total	3.93	0.63	30
2	0	3.78	0.37	9
	1	3.85	0.52	14
	Total	3.82	0.46	23
3	0	4.05	0.56	6
	1	3.80	0.65	11
	Total	3.89	0.62	17
Total	0	4.05	0.66	47
	1	3.89	0.60	56
	Total	3.96	0.63	103

Table 16
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.283
GENDER	0.287
GROUP * GENDER	0.844

Tooth: 14
 Table 17
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.06	0.29	18
	1	2.89	0.33	19
	Total	2.97	0.32	37
1	0	3.03	0.33	18
	1	2.88	0.21	19
	Total	2.95	0.28	37
2	0	2.77	0.37	14
	1	2.78	0.30	15
	Total	2.77	0.33	29
3	0	2.95	0.30	11
	1	2.89	0.43	7
	Total	2.92	0.35	18
Total	0	2.97	0.34	61
	1	2.86	0.30	60
	Total	2.91	0.32	121

Table 18
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.055
GENDER	0.128
GROUP * GENDER	0.634

Table 19
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.02	0.07	1.000	1.000
	2	0.20	0.08	0.072	1.000
	3	0.05	0.09	1.000	1.000
1	2	0.18	0.08	0.137	1.000
	3	0.03	0.09	1.000	1.000
2	3	-0.15	0.09	0.700	1.000

Tooth: 24
 Table 20
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.00	0.31	17
	1	2.86	0.32	19
	Total	2.93	0.32	36
1	0	2.84	0.32	18
	1	2.86	0.28	18
	Total	2.85	0.29	36
2	0	2.66	0.39	15
	1	2.85	0.23	15
	Total	2.75	0.33	30
3	0	2.76	0.38	10
	1	3.12	0.45	3
	Total	2.84	0.41	13
Total	0	2.83	0.36	60
	1	2.87	0.29	55
	Total	2.85	0.33	115

Table 21
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.136
GENDER	0.146
GROUP * GENDER	0.083

Table 22
 Multiple Comparisons
 Dependent Variable: D.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.16	0.11	1.000	1.000
	Mmoderat	0.34	0.11	0.049	1.000
	Msevere	0.24	0.13	0.999	1.000
Mmild	Fcontrol	0.15	0.11	1.000	1.000
	Mmoderat	0.18	0.11	1.000	1.000
	Msevere	0.08	0.13	1.000	1.000
Mmoderat	Fmild	-0.02	0.11	1.000	1.000
	Msevere	-0.10	0.13	1.000	1.000
	Fmoderat	-0.19	0.12	1.000	1.000
Msevere	Fsevere	-0.35	0.21	1.000	1.000
	Fcontrol	-0.01	0.11	1.000	1.000
	Fmoderat	0.01	0.11	1.000	1.000
Fcontrol	Fsevere	-0.26	0.20	1.000	1.000
	Fmild	0.02	0.11	1.000	1.000
	Fmoderat	-0.25	0.20	1.000	1.000
Fmild	Fsevere	-0.25	0.20	1.000	1.000
	Fmoderat	-0.27	0.20	1.000	1.000

Tooth: 15
 Table 23
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.46	0.33	20
	1	2.35	0.42	17
	Total	2.41	0.37	37
1	0	2.59	0.50	18
	1	2.41	0.22	16
	Total	2.50	0.40	34
2	0	2.50	0.30	8
	1	2.26	0.16	4
	Total	2.42	0.28	12
3	0	2.52	0.37	6
	1	2.52	0.33	4
	Total	2.52	0.33	10
Total	0	2.51	0.39	52
	1	2.38	0.32	41
	Total	2.45	0.37	93

Table 24
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.611
GENDER	0.166
GROUP * GENDER	0.879

Tooth: 25
 Table 25
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.51	0.32	20
	1	2.22	0.25	19
	Total	2.37	0.32	39
1	0	2.57	0.31	18
	1	2.38	0.23	15
	Total	2.48	0.29	33
2	0	2.50	0.35	9
	1	2.08	0.16	5
	Total	2.35	0.36	14
3	0	2.39	0.44	9
	1	2.77	0.06	4
	Total	2.51	0.40	13
Total	0	2.51	0.34	56
	1	2.31	0.28	43
	Total	2.42	0.33	99

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.052
GENDER	0.062
GROUP * GENDER	0.007

Table 27
 Multiple Comparisons
 Dependent Variable: D.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.06	0.10	1.000	1.000
	Mmoderat	0.01	0.12	1.000	1.000
	Msevere	0.12	0.12	1.000	1.000
	Fcontrol	0.29	0.10	0.051	1.000
Mmild	Mmoderat	0.07	0.12	1.000	1.000
	Msevere	0.18	0.12	1.000	1.000
	Fmild	0.19	0.10	1.000	1.000
Mmoderat	Msevere	0.11	0.14	1.000	1.000
	Fmoderat	0.43	0.17	0.192	1.000
Msevere	Fsevere	-0.37	0.18	0.643	1.000
Fcontrol	Fmild	-0.16	0.10	1.000	1.000
	Fmoderat	0.14	0.15	1.000	1.000
	Fsevere	-0.55	0.16	0.021	1.000
Fmild	Fmoderat	0.30	0.15	0.839	1.000
	Fsevere	-0.39	0.17	0.387	1.000
Fmoderat	Fsevere	-0.69	0.20	0.014	1.000

Table 28
Descriptive Statistics
Dependent Variable: D.B

Tooth: 16

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.60	0.33	20
	1	1.52	0.50	19
	Total	1.56	0.42	39
1	0	1.80	0.37	20
	1	1.77	0.36	19
	Total	1.78	0.36	39
2	0	1.65	0.43	20
	1	1.78	0.36	19
	Total	1.71	0.40	39
3	0	1.39	0.39	18
	1	1.56	0.52	17
	Total	1.47	0.46	35
Total	0	1.61	0.40	78
	1	1.66	0.45	74
	Total	1.64	0.42	152

Table 29
Tests of Between-Subjects Effects
Dependent Variable: D.B

Source	Sig.
GROUP	0.005
GENDER	0.483
GROUP * GENDER	0.475

Table 30
Multiple Comparisons
Dependent Variable: D.B
Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.22	0.09	0.112	1.000
	2	-0.15	0.09	0.670	1.000
	3	0.09	0.10	1.000	1.000
1	2	0.07	0.09	1.000	1.000
	3	0.31	0.10	0.008	1.000
2	3	0.24	0.10	0.075	1.000

Tooth: 26
 Table 31
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.56	0.30	20
	1	1.70	1.01	19
	Total	1.63	0.73	39
1	0	1.63	0.48	20
	1	1.70	0.41	19
	Total	1.66	0.44	39
2	0	1.68	0.58	20
	1	1.61	0.44	19
	Total	1.65	0.51	39
3	0	1.36	0.42	19
	1	1.57	0.49	17
	Total	1.46	0.46	36
Total	0	1.56	0.46	79
	1	1.65	0.63	74
	Total	1.60	0.55	153

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.390
GENDER	0.330
GROUP * GENDER	0.739

Tooth: 17
 Table 33
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.60	0.27	9
	1	1.60	0.30	9
	Total	1.60	0.28	18
1	0	1.42	0.52	14
	1	1.62	0.36	15
	Total	1.52	0.45	29
2	0	1.50	0.28	11
	1	1.59	0.69	9
	Total	1.54	0.49	20
3	0	1.48	0.39	8
	1	1.78	0.55	5
	Total	1.59	0.46	13
Total	0	1.49	0.39	42
	1	1.63	0.46	38
	Total	1.56	0.42	80

Table 34
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.852
GENDER	0.154
GROUP * GENDER	0.778

Tooth: 27
 Table 35
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.49	0.38	11
	1	1.50	0.53	10
	Total	1.49	0.45	21
1	0	1.51	0.35	14
	1	1.79	0.25	16
	Total	1.66	0.33	30
2	0	1.50	0.31	13
	1	1.76	0.49	6
	Total	1.58	0.38	19
3	0	1.43	0.55	8
	1	1.61	0.59	7
	Total	1.52	0.56	15
Total	0	1.49	0.37	46
	1	1.68	0.44	39
	Total	1.57	0.41	85

Table 36
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.	P2
GROUP	0.506	
GENDER	0.061	1.000
GROUP * GENDER	0.692	

Tooth: 31
 Table 37
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.52	0.40	16
	1	1.43	0.34	17
	Total	1.48	0.37	33
1	0	1.52	0.50	19
	1	1.65	0.41	18
	Total	1.58	0.46	37
2	0	1.70	1.18	16
	1	1.52	0.34	16
	Total	1.61	0.86	32
3	0	1.67	0.56	10
	1	1.90	0.67	10
	Total	1.78	0.61	20
Total	0	1.59	0.72	61
	1	1.60	0.45	61
	Total	1.59	0.60	122

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.365
GENDER	0.842
GROUP * GENDER	0.561

Tooth: 41
 Table 39
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.45	0.36	18
	1	1.37	0.32	19
	Total	1.40	0.34	37
1	0	1.60	0.50	17
	1	1.65	0.52	19
	Total	1.64	0.52	36
2	0	1.37	0.35	15
	1	1.63	0.68	16
	Total	1.50	0.55	31
3	0	1.38	0.48	9
	1	2.29	0.84	12
	Total	1.90	0.83	21
Total	0	1.47	0.44	59
	1	1.68	0.65	66
	Total	1.58	0.57	125

Table 40
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.020
GENDER	0.004
GROUP * GENDER	0.006

Table 41
 Multiple Comparisons
 Dependent Variable: D.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.18	0.18	1.000	1.000
	Mmoderat	0.08	0.18	1.000	1.000
	Msevere	0.06	0.21	1.000	1.000
	Fcontrol	0.08	0.17	1.000	1.000
Mmild	Mmoderat	0.25	0.18	1.000	1.000
	Msevere	0.24	0.22	1.000	1.000
	Fmild	-0.03	0.17	1.000	1.000
Mmoderat	Msevere	-0.01	0.22	1.000	1.000
	Fmoderat	-0.26	0.19	1.000	1.000
Msevere	Fsevere	-0.91	0.23	0.002	0.565
Fcontrol	Fmild	-0.29	0.17	1.000	1.000
	Fmoderat	-0.27	0.18	1.000	1.000
	Fsevere	-0.93	0.19	0.000	0.018
Fmild	Fmoderat	0.02	0.18	1.000	1.000
	Fsevere	-0.64	0.19	0.018	1.000
Fmoderat	Fsevere	-0.66	0.20	0.019	1.000

Tooth: 32
 Table 42
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.80	0.47	15
	1	1.72	0.24	16
	Total	1.76	0.36	31
1	0	1.98	0.35	18
	1	2.06	0.35	17
	Total	2.02	0.35	35
2	0	2.07	0.82	17
	1	2.03	0.43	18
	Total	2.05	0.64	35
3	0	2.80	1.13	14
	1	2.43	0.69	14
	Total	2.61	0.93	28
Total	0	2.14	0.81	64
	1	2.05	0.50	65
	Total	2.09	0.67	129

Table 43
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.000
GENDER	0.346
GROUP * GENDER	0.509

Table 44
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.26	0.15	0.512	1.000
	2	-0.29	0.15	0.316	1.000
	3	-0.85	0.16	0.000	0.001
1	2	-0.03	0.15	1.000	1.000
	3	-0.59	0.15	0.001	0.289
2	3	-0.56	0.15	0.002	0.628

Tooth: 42
 Table 45
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.84	0.39	15
	1	1.77	0.31	16
	Total	1.80	0.35	31
1	0	2.11	0.53	18
	1	1.90	0.43	18
	Total	2.00	0.49	36
2	0	1.88	0.35	15
	1	2.15	0.38	17
	Total	2.03	0.38	32
3	0	2.41	1.00	14
	1	2.71	0.59	15
	Total	2.56	0.81	29
Total	0	2.06	0.64	62
	1	2.12	0.55	66
	Total	2.09	0.59	128

Table 46
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.000
GENDER	0.455
GROUP * GENDER	0.138

Table 47
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.20	0.13	0.758	1.000
	2	-0.22	0.13	0.594	1.000
	3	-0.76	0.14	0.000	0.000
1	2	-0.02	0.13	1.000	1.000
	3	-0.56	0.13	0.000	0.069
2	3	-0.54	0.14	0.001	0.196

Tooth: 33
 Table 48
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.42	0.40	17
	1	2.87	0.30	19
	Total	3.13	0.40	36
1	0	3.49	0.40	18
	1	3.01	0.40	20
	Total	3.24	0.50	38
2	0	3.43	0.70	17
	1	3.17	0.60	20
	Total	3.29	0.70	37
3	0	3.81	1.20	14
	1	3.65	0.90	14
	Total	3.73	1.00	28
Total	0	3.52	0.70	66
	1	3.14	0.60	73
	Total	3.32	0.70	139

Table 49
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.	P2
GROUP	0.002	
GENDER	0.001	0.279
GROUP * GENDER	0.566	

Table 50
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.11	0.15	1.000	1.000
	2	-0.16	0.15	1.000	1.000
	3	-0.60	0.16	0.001	0.357
1	2	-0.05	0.15	1.000	1.000
	3	-0.50	0.16	0.012	1.000
2	3	-0.44	0.16	0.035	1.000

Tooth: 43
 Table 51
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.57	0.50	19
	1	3.03	0.30	16
	Total	3.32	0.50	35
1	0	3.57	0.40	19
	1	3.10	0.30	19
	Total	3.33	0.40	38
2	0	3.31	0.40	17
	1	3.19	0.60	20
	Total	3.25	0.50	37
3	0	3.63	1.20	14
	1	3.26	0.70	16
	Total	3.43	1.00	30
Total	0	3.52	0.70	69
	1	3.15	0.50	71
	Total	3.33	0.60	140

Table 52
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.	P2
GROUP	0.607	
GENDER	0.000	0.073
GROUP * GENDER	0.455	

Tooth: 34
 Table 53
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.88	0.38	19
	1	2.60	0.28	18
	Total	2.74	0.36	37
1	0	2.82	0.28	19
	1	2.66	0.30	19
	Total	2.74	0.30	38
2	0	2.66	0.36	16
	1	2.74	0.26	19
	Total	2.70	0.31	35
3	0	2.83	0.36	12
	1	2.84	0.42	9
	Total	2.83	0.37	21
Total	0	2.80	0.35	66
	1	2.69	0.31	65
	Total	2.75	0.33	131

Table 54
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.505
GENDER	0.146
GROUP * GENDER	0.091

Table 55
 Multiple Comparisons
 Dependent Variable: D.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.06	0.11	1.000	1.000
	Mmoderat	0.22	0.11	0.712	1.000
	Msevere	0.05	0.12	1.000	1.000
Mmild	Fcontrol	0.28	0.11	0.161	1.000
	Mmoderat	0.17	0.11	1.000	1.000
	Msevere	-0.01	0.12	1.000	1.000
Mmoderat	Fmild	0.16	0.11	1.000	1.000
	Msevere	-0.17	0.12	1.000	1.000
	Fmoderat	-0.08	0.11	1.000	1.000
Msevere	Fsevere	-0.01	0.14	1.000	1.000
	Fcontrol	-0.06	0.11	1.000	1.000
	Fmoderat	-0.14	0.11	1.000	1.000
Fcontrol	Fsevere	-0.24	0.13	1.000	1.000
	Fmild	-0.08	0.11	1.000	1.000
	Fsevere	-0.18	0.13	1.000	1.000
Fmild	Fmoderat	-0.10	0.13	1.000	1.000
	Fsevere	-0.10	0.13	1.000	1.000

Tooth: 44
 Table 56
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.81	0.38	19
	1	2.63	0.24	19
	Total	2.72	0.33	38
1	0	2.90	0.32	17
	1	2.72	0.28	20
	Total	2.80	0.31	37
2	0	2.72	0.25	16
	1	2.74	0.31	18
	Total	2.73	0.28	34
3	0	2.78	0.37	14
	1	2.80	0.55	10
	Total	2.78	0.44	24
Total	0	2.81	0.33	66
	1	2.71	0.33	67
	Total	2.76	0.33	133

Table 57

Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.639
GENDER	0.167
GROUP * GENDER	0.396

Tooth: 35
 Table 58
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.31	0.33	14
	1	2.12	0.30	16
	Total	2.21	0.32	30
1	0	2.28	0.37	13
	1	2.25	0.30	15
	Total	2.27	0.33	28
2	0	2.28	0.19	7
	1	2.31	0.41	6
	Total	2.30	0.30	13
3	0	2.39	0.13	4
	1	2.64	0.51	4
	Total	2.51	0.37	8
Total	0	2.30	0.30	38
	1	2.25	0.35	41
	Total	2.27	0.33	79

Table 59
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.157
GENDER	0.881
GROUP * GENDER	0.371

Tooth: 45
 Table 60
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.25	0.33	16
	1	2.10	0.29	16
	Total	2.17	0.31	32
1	0	2.43	0.26	14
	1	2.35	0.35	11
	Total	2.39	0.30	25
2	0	2.20	0.29	8
	1	2.11	0.13	4
	Total	2.17	0.24	12
3	0	2.35	0.34	8
	1	2.30	0.11	3
	Total	2.34	0.29	11
Total	0	2.31	0.31	46
	1	2.20	0.30	34
	Total	2.26	0.31	80

Table 61
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.036
GENDER	0.255
GROUP * GENDER	0.967

Table 62
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.22	0.08	0.046	1.000
	2	0.01	0.10	1.000	1.000
	3	-0.16	0.10	0.730	1.000
1	2	0.22	0.10	0.215	1.000
	3	0.06	0.11	1.000	1.000
2	3	-0.17	0.12	1.000	1.000

Tooth: 36
 Table 63
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.49	0.37	20
	1	1.54	0.28	18
	Total	1.52	0.33	38
1	0	1.68	0.26	20
	1	1.56	0.31	18
	Total	1.62	0.29	38
2	0	1.29	0.35	19
	1	1.54	0.32	19
	Total	1.42	0.36	38
3	0	1.39	0.41	17
	1	1.45	0.34	18
	Total	1.42	0.37	35
Total	0	1.47	0.37	76
	1	1.52	0.31	73
	Total	1.50	0.34	149

Table 64
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.033
GENDER	0.279
GROUP * GENDER	0.128

Table 65
 Multiple Comparisons
 Dependent Variable: D.B
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.10	0.08	1.000	1.000
	2	0.10	0.08	1.000	1.000
	3	0.09	0.08	1.000	1.000
1	2	0.20	0.08	0.056	1.000
	3	0.20	0.08	0.071	1.000
2	3	0.00	0.08	1.000	1.000

Tooth: 46
 Table 66
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.54	0.42	20
	1	1.50	0.38	17
	Total	1.52	0.39	37
1	0	1.64	0.31	18
	1	1.60	0.37	20
	Total	1.62	0.34	38
2	0	1.35	0.33	20
	1	1.61	0.26	20
	Total	1.48	0.32	40
3	0	1.31	0.42	19
	1	1.67	0.33	17
	Total	1.48	0.42	36
Total	0	1.46	0.39	77
	1	1.60	0.33	74
	Total	1.53	0.37	151

Table 67
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.274
GENDER	0.021
GROUP * GENDER	0.030

Table 68
 Multiple Comparisons
 Dependent Variable: D.B
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.11	0.12	1.000	1.000
	Mmoderat	0.19	0.11	1.000	1.000
	Msevere	0.22	0.11	0.827	1.000
	Fcontrol	0.04	0.12	1.000	1.000
Mmild	Mmoderat	0.30	0.12	0.172	1.000
	Msevere	0.33	0.12	0.090	1.000
	Fmild	0.04	0.12	1.000	1.000
Mmoderat	Mcontrol	-0.19	0.11	1.000	1.000
	Mmild	-0.30	0.12	0.172	1.000
	Msevere	0.03	0.11	1.000	1.000
Mmoderat	Fcontrol	-0.16	0.12	1.000	1.000
	Fmild	-0.26	0.11	0.378	1.000
	Fsevere	-0.33	0.12	0.101	1.000
	Msevere	-0.36	0.12	0.052	1.000
Fcontrol	Fmild	-0.10	0.12	1.000	1.000
	Fmoderat	-0.11	0.12	1.000	1.000
	Fsevere	-0.17	0.12	1.000	1.000
Fmild	Fmoderat	-0.01	0.11	1.000	1.000
	Fsevere	-0.07	0.12	1.000	1.000
Fmoderat	Fsevere	-0.06	0.12	1.000	1.000

Tooth: 37
 Table 69
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.37	0.50	11
	1	1.37	0.47	10
	Total	1.37	0.47	21
1	0	1.39	0.38	7
	1	1.47	0.40	13
	Total	1.44	0.38	20
2	0	1.48	0.56	9
	1	1.78	0.72	7
	Total	1.61	0.63	16
3	0	1.12	0.49	5
	1	1.31	0.24	6
	Total	1.22	0.37	11
Total	0	1.37	0.48	32
	1	1.47	0.49	36
	Total	1.42	0.49	68

Table 70
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.172
GENDER	0.264
GROUP * GENDER	0.813

Tooth: 47
 Table 71
 Descriptive Statistics
 Dependent Variable: D.B

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.57	0.38	11
	1	1.45	0.53	7
	Total	1.52	0.43	18
1	0	1.48	0.42	9
	1	1.59	0.46	15
	Total	1.55	0.44	24
2	0	1.46	0.44	7
	1	1.62	0.23	4
	Total	1.52	0.38	11
3	0	1.24	0.36	5
	1	1.49	0.51	4
	Total	1.35	0.42	9
Total	0	1.47	0.40	32
	1	1.55	0.45	30
	Total	1.51	0.42	62

Table 72
 Tests of Between-Subjects Effects
 Dependent Variable: D.B

Source	Sig.
GROUP	0.768
GENDER	0.410
GROUP * GENDER	0.724

Appendix 10

Dependent variable CIBM2 (crown index of buccal morphology 2, buccal view)

Tooth: U1

Table 1: Descriptive Statistics

Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.33	0.10	20
	1	0.27	0.05	20
	Total	0.30	0.08	40
1	0	0.36	0.09	20
	1	0.33	0.06	20
	Total	0.34	0.08	40
2	0	0.40	0.12	20
	1	0.40	0.10	20
	Total	0.40	0.11	40
3	0	0.43	0.16	20
	1	0.53	0.13	21
	Total	0.48	0.15	41
Total	0	0.38	0.12	80
	1	0.38	0.13	81
	Total	0.38	0.13	161

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: CIBM2

Source	Sig.
GROUP	0.000
GENDER	0.891
GROUP * GENDER	0.005

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: CIBM2

(I) SUBGRP	(J) SUBGRP	Mean Difference	Std. Errors	P1	P2
Mcontrol	Mmild	-0.02	0.03	1.000	1.000
	Mmoderat	-0.07	0.03	0.772	1.000
	Msevere	-0.09	0.03	0.111	1.000
	Fcontrol	0.06	0.03	1.000	1.000
Mmild	Mmoderat	-0.04	0.03	1.000	1.000
	Msevere	-0.07	0.03	0.737	1.000
	Fmild	0.03	0.03	1.000	1.000
Mmoderate	Msevere	-0.03	0.03	1.000	1.000
	Fmoderat	0.01	0.03	1.000	1.000
Msevere	Fsevere	-0.10	0.03	0.037	1.000
Fcontrol	Fmild	-0.05	0.03	1.000	1.000
	Fmoderat	-0.12	0.03	0.007	1.000
	Fsevere	-0.26	0.03	0.000	0.000
Fmild	Fmoderat	-0.07	0.03	0.785	1.000
	Fsevere	-0.20	0.03	0.000	0.000
Fmoderate	Fsevere	-0.13	0.03	0.002	0.404

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.36	0.10	17
	1	0.34	0.07	18
	Total	0.35	0.08	35
1	0	0.51	0.10	9
	1	0.43	0.08	14
	Total	0.46	0.09	23
2	0	0.52	0.08	13
	1	0.46	0.08	14
	Total	0.49	0.08	27
3	0	0.51	0.05	7
	1	0.48	0.08	11
	Total	0.49	0.07	18
Total	0	0.46	0.11	46
	1	0.42	0.09	57
	Total	0.44	0.10	103

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.	P2
GROUP	0.000	
GENDER	0.004	1.000
GROUP * GENDER	0.586	

Table 6
 Multiple Comparisons
 Dependent Variable: CIBM2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	Sig.	P2
0	1	-0.11	0.02	0.000	0.006
	2	-0.14	0.02	0.000	0.000
	3	-0.14	0.02	0.000	0.000
1	2	-0.03	0.02	1.000	1.000
	3	-0.03	0.03	1.000	1.000
2	3	0.00	0.02	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.44	0.06	19
	1	0.43	0.05	18
	Total	0.44	0.06	37
1	0	0.49	0.08	18
	1	0.49	0.06	17
	Total	0.49	0.07	35
2	0	0.52	0.07	11
	1	0.50	0.05	17
	Total	0.50	0.06	28
3	0	0.57	0.07	9
	1	0.53	0.06	11
	Total	0.55	0.07	20
Total	0	0.49	0.08	57
	1	0.48	0.06	63
	Total	0.49	0.07	120

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.	P2
GROUP	0.000	
GENDER	0.098	1.000
GROUP * GENDER	0.572	

Table 9
 Multiple Comparisons
 Dependent Variable: CIBM2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.05	0.01	0.005	1.000
	2	-0.07	0.02	0.000	0.095
	3	-0.11	0.02	0.000	0.000
1	2	-0.01	0.02	1.000	1.000
	3	-0.06	0.02	0.008	1.000
2	3	-0.04	0.02	0.126	1.000

Tooth : U4
 Table 10
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.41	0.03	18
	1	0.39	0.04	20
	Total	0.40	0.04	38
1	0	0.44	0.04	19
	1	0.43	0.03	19
	Total	0.43	0.04	38
2	0	0.47	0.10	17
	1	0.46	0.04	16
	Total	0.47	0.08	33
3	0	0.45	0.04	12
	1	0.50	0.10	7
	Total	0.47	0.07	19
Total	0	0.44	0.06	66
	1	0.43	0.06	62
	Total	0.44	0.06	128

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	P
GROUP	0.000
GENDER	0.765
GROUP * GENDER	0.248

Table 12
 Multiple Comparisons
 Dependent Variable: CIBM2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.04	0.01	0.021	1.000
	2	-0.07	0.01	0.000	0.000
	3	-0.07	0.02	0.000	0.012
1	2	-0.03	0.01	0.071	1.000
	3	-0.03	0.02	0.159	1.000
2	3	0.00	0.02	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.40	0.03	20
	1	0.38	0.05	20
	Total	0.39	0.05	40
1	0	0.45	0.04	19
	1	0.44	0.05	17
	Total	0.44	0.05	36
2	0	0.48	0.08	9
	1	0.48	0.06	6
	Total	0.48	0.07	15
3	0	0.44	0.05	10
	1	0.53	0.06	6
	Total	0.47	0.07	16
Total	0	0.43	0.06	58
	1	0.43	0.08	49
	Total	0.43	0.07	107

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
GROUP	0.000
GENDER	0.165
GROUP * GENDER	0.007

Table 15
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.05	0.02	0.045	1.000
	Mmoderat	-0.08	0.02	0.003	0.757
	Msevere	-0.04	0.02	0.581	1.000
	Fcontrol	0.02	0.02	1.000	1.000
Mmild	Mmoderat	-0.03	0.02	1.000	1.000
	Msevere	0.01	0.02	1.000	1.000
	Fmild	0.01	0.02	1.000	1.000
Mmoderat	Msevere	0.04	0.02	1.000	1.000
	Fmoderat	0.00	0.03	1.000	1.000
Msevere	Fsevere	-0.09	0.03	0.018	1.000
Fcontrol	Fmild	-0.06	0.02	0.008	1.000
	Fmoderat	-0.10	0.02	0.001	0.297
	Fsevere	-0.15	0.02	0.000	0.000
Fmild	Fmoderat	-0.04	0.03	1.000	1.000
	Fsevere	-0.09	0.03	0.007	1.000
Fmoderat	Fsevere	-0.05	0.03	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.29	0.04	20
	1	0.35	0.28	19
	Total	0.32	0.20	39
1	0	0.34	0.05	20
	1	0.37	0.07	20
	Total	0.36	0.06	40
2	0	0.35	0.07	20
	1	0.38	0.06	20
	Total	0.36	0.07	40
3	0	0.32	0.07	19
	1	0.39	0.07	18
	Total	0.35	0.07	37
Total	0	0.33	0.06	79
	1	0.37	0.15	77
	Total	0.35	0.11	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.	P2
GROUP	0.435	
GENDER	0.018	1.000
GROUP * GENDER	0.864	

Tooth: U7
 Table 18
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.32	0.06	13
	1	0.31	0.06	12
	Total	0.32	0.06	25
1	0	0.34	0.06	17
	1	0.43	0.08	17
	Total	0.38	0.08	34
2	0	0.35	0.07	13
	1	0.37	0.09	9
	Total	0.36	0.08	22
3	0	0.33	0.09	9
	1	0.41	0.07	8
	Total	0.36	0.09	17
Total	0	0.33	0.07	52
	1	0.38	0.09	46
	Total	0.36	0.08	98

Table 19
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
Corrected Model	0.000
GENDER	0.002
GROUP * GENDER	0.058

Table 20
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.02	0.03	1.000	1.000
	Mmoderat	-0.03	0.03	1.000	1.000
	Msevere	-0.01	0.03	1.000	1.000
	Fcontrol	0.00	0.03	1.000	1.000
Mmild	Mmoderat	-0.01	0.03	1.000	1.000
	Msevere	0.01	0.03	0.006	1.000
	Fmild	-0.09	0.02	1.000	1.000
Mmoderat	Msevere	0.02	0.03	1.000	1.000
	Fmoderat	-0.03	0.03	0.352	1.000
Msevere	Fsevere	-0.08	0.03	0.001	0.145
Fcontrol	Fmild	-0.12	0.03	0.945	1.000
	Fmoderat	-0.06	0.03	0.077	1.000
	Fsevere	-0.09	0.03	0.877	1.000
Fmild	Fmoderat	0.06	0.03	1.000	1.000
	Fsevere	0.02	0.03	1.000	1.000
Fmoderat	Fsevere	-0.03	0.03	0.000	0.000

Tooth: L1
 Table 21
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.18	0.04	19
	1	0.17	0.04	20
	Total	0.17	0.04	39
1	0	0.21	0.06	20
	1	0.21	0.06	19
	Total	0.21	0.06	39
2	0	0.23	0.14	17
	1	0.22	0.09	18
	Total	0.23	0.11	35
3	0	0.23	0.08	11
	1	0.33	0.12	13
	Total	0.28	0.11	24
Total	0	0.21	0.09	67
	1	0.22	0.09	70
	Total	0.22	0.09	137

Table 22
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
GROUP	0.000
GENDER	0.251
GROUP * GENDER	0.048

Table 23
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.03	0.03	1.000	1.000
	Mmoderat	-0.06	0.03	0.670	1.000
	Msevere	-0.05	0.03	1.000	1.000
	Fcontrol	0.01	0.03	1.000	1.000
Mmild	Mmoderat	-0.03	0.03	1.000	1.000
	Msevere	-0.02	0.03	1.000	1.000
	Fmild	0.00	0.03	1.000	1.000
Mmoderat	Msevere	0.00	0.03	1.000	1.000
	Fcontrol	0.07	0.03	0.221	1.000
Msevere	Fsevere	-0.09	0.03	0.092	1.000
Fcontrol	Fmild	-0.04	0.03	1.000	1.000
	Fmoderat	-0.05	0.03	1.000	1.000
	Fsevere	-0.16	0.03	0.000	0.001
Fmild	Fmoderat	-0.01	0.03	1.000	1.000
	Fsevere	-0.12	0.03	0.002	0.535
Fmoderat	Fsevere	-0.11	0.03	0.005	1.000

Tooth: L2
 Table 24
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.23	0.04	17
	1	0.21	0.03	18
	Total	0.22	0.04	35
1	0	0.26	0.04	19
	1	0.25	0.05	19
	Total	0.26	0.05	38
2	0	0.29	0.12	17
	1	0.29	0.07	19
	Total	0.29	0.10	36
3	0	0.37	0.14	16
	1	0.38	0.10	18
	Total	0.38	0.12	34
Total	0	0.28	0.11	69
	1	0.28	0.09	74
	Total	0.28	0.10	143

Table 25
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
GROUP	0.000
GENDER	0.910
GROUP * GENDER	0.882

Table 26
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.04	0.02	0.062	1.000
	2	-0.07	0.02	0.001	0.160
	3	-0.16	0.02	0.000	0.000
1	2	-0.03	0.02	0.093	1.000
	3	-0.12	0.02	0.000	0.000
2	3	-0.09	0.02	0.000	0.006

Tooth: L3
 Table 27
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.37	0.05	20
	1	0.32	0.03	19
	Total	0.35	0.05	39
1	0	0.42	0.06	20
	1	0.37	0.04	20
	Total	0.39	0.06	40
2	0	0.42	0.08	17
	1	0.40	0.07	20
	Total	0.41	0.07	37
3	0	0.46	0.08	15
	1	0.50	0.10	16
	Total	0.48	0.09	31
Total	0	0.41	0.07	72
	1	0.39	0.09	75
	Total	0.40	0.08	147

Table 28
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
GROUP	0.000
GENDER	0.062
GROUP * GENDER	0.007

Table 29
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.05	0.02	0.360	1.000
	Mmoderat	-0.04	0.02	0.937	1.000
	Msevere	-0.08	0.02	0.006	1.000
Mmild	Fcontrol	0.05	0.02	0.238	1.000
	Mmoderat	0.01	0.02	1.000	1.000
	Msevere	-0.03	0.02	1.000	1.000
Mmoderat	Fmild	0.06	0.02	0.132	1.000
	Msevere	-0.04	0.02	1.000	1.000
	Fmoderat	0.02	0.02	1.000	1.000
Msevere	Fsevere	-0.04	0.02	1.000	1.000
	Fcontrol	-0.04	0.02	0.604	1.000
	Fmild	-0.07	0.02	0.008	1.000
Fcontrol	Fsevere	-0.18	0.02	0.000	0.000
	Fmoderat	-0.03	0.02	1.000	1.000
	Fsevere	-0.13	0.02	0.000	0.000
Fmild	Fsevere	-0.10	0.02	0.000	0.027

Tooth: L4
 Table 30
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.36	0.04	19
	1	0.33	0.03	20
	Total	0.34	0.04	39
1	0	0.38	0.03	19
	1	0.37	0.03	20
	Total	0.38	0.03	39
2	0	0.39	0.07	16
	1	0.40	0.04	20
	Total	0.39	0.06	36
3	0	0.38	0.03	15
	1	0.44	0.07	11
	Total	0.40	0.06	26
Total	0	0.37	0.05	69
	1	0.38	0.05	71
	Total	0.38	0.05	140

Table 31
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
GROUP	0.000
GENDER	0.099
GROUP * GENDER	0.001

Table 32
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.02	0.01	1.000	1.000
	Mmoderat	-0.03	0.01	0.823	1.000
	Msevere	-0.02	0.02	1.000	1.000
	Fcontrol	0.03	0.01	1.000	1.000
Mmild	Mmoderat	-0.01	0.01	1.000	1.000
	Msevere	0.01	0.02	1.000	1.000
	Fmild	0.01	0.01	1.000	1.000
Mmoderat	Msevere	0.01	0.02	1.000	1.000
	Fmoderat	-0.01	0.01	1.000	1.000
Msevere	Fsevere	-0.07	0.02	0.002	0.616
Fcontrol	Fmild	-0.04	0.01	0.034	1.000
	Fmoderat	-0.07	0.01	0.000	0.009
	Fsevere	-0.11	0.02	0.000	0.000
Fmild	Fmoderat	-0.03	0.01	1.000	1.000
	Fsevere	-0.07	0.02	0.001	0.214
Fmoderat	Fsevere	-0.04	0.02	0.144	1.000

Tooth: L5
 Table 33
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.34	0.05	16
	1	0.33	0.05	17
	Total	0.33	0.05	33
1	0	0.37	0.03	16
	1	0.38	0.06	15
	Total	0.38	0.04	31
2	0	0.37	0.07	8
	1	0.41	0.03	6
	Total	0.38	0.06	14
3	0	0.38	0.05	9
	1	0.44	0.09	5
	Total	0.40	0.07	14
Total	0	0.36	0.05	49
	1	0.37	0.07	43
	Total	0.37	0.06	92

Table 34
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.	P2
GROUP	0.000	
GENDER	0.044	1.000
GROUP * GENDER	0.186	

Table 35
 Multiple Comparisons
 Dependent Variable: CIBM2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.04	0.01	0.005	1.000
	2	-0.05	0.02	0.012	1.000
	3	-0.07	0.02	0.000	0.048
1	2	-0.01	0.02	1.000	1.000
	3	-0.03	0.02	0.591	1.000
2	3	-0.02	0.02	1.000	1.000

Tooth: L6
 Table 36
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.25	0.05	20
	1	0.26	0.03	18
	Total	0.26	0.05	38
1	0	0.29	0.04	20
	1	0.29	0.04	20
	Total	0.29	0.04	40
2	0	0.26	0.05	20
	1	0.31	0.03	20
	Total	0.29	0.05	40
3	0	0.27	0.07	19
	1	0.31	0.06	19
	Total	0.29	0.07	38
Total	0	0.27	0.05	79
	1	0.29	0.05	77
	Total	0.28	0.05	156

Table 37
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
GROUP	0.002
GENDER	0.003
GROUP * GENDER	0.048

Table 38
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.04	0.02	0.135	1.000
	Mmoderat	-0.01	0.02	1.000	1.000
	Msevere	-0.02	0.02	1.000	1.000
	Fcontrol	0.00	0.02	1.000	1.000
Mmild	Mmoderat	0.03	0.02	0.494	1.000
	Msevere	0.02	0.02	1.000	1.000
	Fmild	0.00	0.02	1.000	1.000
Mmoderat	Msevere	-0.01	0.02	1.000	1.000
	Fmoderat	-0.05	0.02	0.027	1.000
Msevere	Fsevere	-0.04	0.02	0.146	1.000
Fcontrol	Fmild	-0.03	0.02	0.453	1.000
	Fmoderat	-0.05	0.02	0.020	1.000
	Fsevere	-0.06	0.02	0.011	1.000
Fmild	Fmoderat	-0.02	0.02	1.000	1.000
	Fsevere	-0.02	0.02	1.000	1.000
Fmoderat	Fsevere	0.00	0.02	1.000	1.000

Tooth: L7
 Table 39
 Descriptive Statistics
 Dependent Variable: CIBM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.29	0.09	14
	1	0.28	0.07	11
	Total	0.29	0.08	25
1	0	0.32	0.06	12
	1	0.34	0.06	17
	Total	0.33	0.06	29
2	0	0.30	0.08	10
	1	0.41	0.09	8
	Total	0.35	0.10	18
3	0	0.29	0.12	6
	1	0.33	0.08	7
	Total	0.31	0.09	13
Total	0	0.30	0.08	42
	1	0.34	0.08	43
	Total	0.32	0.08	85

Table 40
 Tests of Between-Subjects Effects
 Dependent Variable: CIBM2

Source	Sig.
GROUP	0.022
GENDER	0.039
GROUP * GENDER	0.083

Table 41
 Multiple Comparisons
 Dependent Variable: CIBM2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.03	0.03	1.000	1.000
	Mmoderat	-0.01	0.03	1.000	1.000
	Msevere	0.00	0.04	1.000	1.000
	Fcontrol	0.02	0.03	1.000	1.000
Mmild	Mmoderat	0.02	0.03	1.000	1.000
	Msevere	0.03	0.04	1.000	1.000
	Fmild	-0.02	0.03	1.000	1.000
Mmoderat	Msevere	0.01	0.04	1.000	1.000
	Fmoderat	-0.11	0.04	0.070	1.000
Msevere	Fsevere	-0.04	0.04	1.000	1.000
Fcontrol	Fmild	-0.07	0.03	0.425	1.000
	Fmoderat	-0.14	0.04	0.005	1.000
	Fsevere	-0.05	0.04	1.000	1.000
Fmild	Fmoderat	-0.07	0.03	0.682	1.000
	Fsevere	0.01	0.03	1.000	1.000
Fmoderat	Fsevere	0.08	0.04	0.713	1.000

Appendix 11

Dependent variable MDo (mesiodistal dimension, occlusal view)

Tooth: U1

Table 1: Descriptive Statistics
Dependent Variable: MDo

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.53	0.81	20
	1	9.28	0.69	20
	Total	9.41	0.75	40
1	0	8.53	0.52	20
	1	8.38	0.70	20
	Total	8.45	0.62	40
2	0	8.27	0.67	20
	1	8.34	0.47	20
	Total	8.31	0.57	40
3	0	8.00	0.70	20
	1	7.86	0.69	20
	Total	7.93	0.69	40
Total	0	8.58	0.89	80
	1	8.47	0.82	80
	Total	8.52	0.85	160

Table 2: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: MDo

Source	Sig.
GROUP	0.000
GENDER	0.280
GROUP * GENDER	0.759

Table 3: Multiple Comparisons
Post-hoc-tests
Dependent Variable: MDo

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.95	0.15	0.000	0.000
	2	1.10	0.15	0.000	0.000
	3	1.48	0.15	0.000	0.000
1	2	0.15	0.15	1.000	1.000
	3	0.53	0.15	0.003	0.861
2	3	0.38	0.15	0.071	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.43	0.63	20
	1	7.34	0.44	20
	Total	7.39	0.54	40
1	0	5.64	1.06	8
	1	5.77	0.81	14
	Total	5.72	0.89	22
2	0	5.72	0.85	12
	1	5.72	0.77	13
	Total	5.72	0.79	25
3	0	5.90	0.53	7
	1	5.55	0.82	11
	Total	5.68	0.72	18
Total	0	6.46	1.13	47
	1	6.26	1.04	58
	Total	6.35	1.08	105

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.604
GROUP * GENDER	0.770

Table 6
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.66	0.19	0.000	0.000
	2	1.67	0.19	0.000	0.000
	3	1.70	0.21	0.000	0.000
1	2	0.01	0.21	1.000	1.000
	3	0.04	0.23	1.000	1.000
2	3	0.04	0.22	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.46	0.63	18
	1	8.27	0.48	14
	Total	8.38	0.57	32
1	0	7.66	0.53	17
	1	7.34	0.49	16
	Total	7.51	0.53	33
2	0	7.57	0.49	11
	1	7.40	0.42	16
	Total	7.47	0.45	27
3	0	7.13	0.61	9
	1	7.32	0.34	11
	Total	7.23	0.48	20
Total	0	7.82	0.74	55
	1	7.58	0.59	57
	Total	7.70	0.67	112

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.218
GROUP * GENDER	0.364

Table 9
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.87	0.13	0.000	0.000
	2	0.91	0.13	0.000	0.000
	3	1.14	0.15	0.000	0.000
1	2	0.04	0.13	1.000	1.000
	3	0.27	0.14	0.373	1.000
2	3	0.23	0.15	0.735	1.000

Tooth: U4
 Table 10
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.60	0.54	18
	1	7.45	0.39	20
	Total	7.52	0.47	38
1	0	6.82	0.40	19
	1	6.64	0.44	20
	Total	6.73	0.42	39
2	0	6.36	0.58	16
	1	6.64	0.47	19
	Total	6.52	0.54	35
3	0	6.60	0.42	13
	1	6.32	0.56	6
	Total	6.51	0.47	19
Total	0	6.88	0.68	66
	1	6.86	0.59	65
	Total	6.87	0.63	131

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.349
GROUP * GENDER	0.101

Table 12
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.79	0.11	0.000	0.000
	2	1.00	0.11	0.000	0.000
	3	1.01	0.13	0.000	0.000
1	2	0.21	0.11	0.337	1.000
	3	0.22	0.13	0.627	1.000
2	3	0.00	0.13	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.21	0.42	20
	1	7.07	0.41	20
	Total	7.14	0.42	40
1	0	6.43	0.46	19
	1	6.39	0.39	17
	Total	6.41	0.42	36
2	0	6.06	0.47	10
	1	6.34	0.51	6
	Total	6.17	0.49	16
3	0	6.44	0.50	10
	1	6.05	0.22	6
	Total	6.29	0.46	16
Total	0	6.63	0.62	59
	1	6.62	0.55	49
	Total	6.63	0.59	108

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.419
GROUP * GENDER	0.192

Table 15
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.73	0.10	0.000	0.000
	2	0.98	0.13	0.000	0.000
	3	0.85	0.13	0.000	0.000
1	2	0.24	0.13	0.387	1.000
	3	0.12	0.13	1.000	1.000
2	3	-0.13	0.15	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	11.30	0.70	20
	1	10.70	0.50	19
	Total	11.00	0.70	39
1	0	10.50	0.50	20
	1	10.00	0.50	20
	Total	10.30	0.50	40
2	0	10.20	0.50	20
	1	10.30	0.60	20
	Total	10.20	0.50	40
3	0	10.00	0.60	19
	1	9.90	1.00	18
	Total	10.00	0.80	37
Total	0	10.50	0.70	79
	1	10.20	0.70	77
	Total	10.40	0.70	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.009
GROUP * GENDER	0.095

Table 18
 Multiple Comparisons
 Dependent Variable: MD.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.75	0.20	0.004	1.000
	Mmoderat	1.05	0.20	0.000	0.003
	Msevere	1.22	0.20	0.000	0.000
Mmild	Fcontrol	0.56	0.20	0.103	1.000
	Mmoderat	0.29	0.20	1.000	1.000
	Msevere	0.46	0.20	0.384	1.000
Mmoderat	Fmild	0.47	0.20	0.331	1.000
	Msevere	0.17	0.20	1.000	1.000
	Fmoderat	-0.07	0.20	1.000	1.000
Msevere	Fsevere	0.11	0.21	1.000	1.000
	Fcontrol	0.66	0.20	0.023	1.000
	Fmoderat	0.42	0.20	1.000	1.000
Fcontrol	Fsevere	0.77	0.21	0.005	1.000
	Fmild	-0.24	0.20	1.000	1.000
	Fmoderat	0.10	0.21	1.000	1.000
Fmild	Fsevere	0.35	0.21	1.000	1.000
	Fmoderat	0.35	0.21	1.000	1.000

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.78	0.66	13
	1	10.10	0.69	12
	Total	10.46	0.75	25
1	0	9.66	0.55	17
	1	9.46	0.59	17
	Total	9.56	0.57	34
2	0	9.63	0.81	13
	1	9.32	0.71	9
	Total	9.50	0.77	22
3	0	9.19	0.51	8
	1	9.39	0.65	8
	Total	9.29	0.58	16
Total	0	9.87	0.85	51
	1	9.59	0.70	46
	Total	9.73	0.79	97

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.071	1.000
GROUP * GENDER	0.203	

Table 21
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.90	0.17	0.000	0.002
	2	0.95	0.19	0.000	0.004
	3	1.17	0.21	0.000	0.000
1	2	0.06	0.18	1.000	1.000
	3	0.27	0.20	0.996	1.000
2	3	0.22	0.21	1.000	1.000

Tooth: L1
 Table 22
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.93	0.43	19
	1	5.91	0.35	20
	Total	5.92	0.39	39
1	0	5.22	0.35	19
	1	5.34	0.47	19
	Total	5.28	0.41	38
2	0	5.20	0.52	16
	1	5.30	0.42	18
	Total	5.25	0.46	34
3	0	5.07	0.42	10
	1	5.08	0.38	13
	Total	5.08	0.39	23
Total	0	5.40	0.55	64
	1	5.44	0.51	70
	Total	5.42	0.52	134

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.459
GROUP * GENDER	0.875

Table 24
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.65	0.10	0.000	0.000
	2	0.67	0.10	0.000	0.000
	3	0.85	0.11	0.000	0.000
1	2	0.02	0.10	1.000	1.000
	3	0.20	0.11	0.431	1.000
2	3	0.18	0.11	0.732	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	6.59	0.43	20
	1	6.28	0.31	20
	Total	6.44	0.40	40
1	0	5.84	0.36	19
	1	5.72	0.57	20
	Total	5.78	0.48	39
2	0	5.48	0.56	18
	1	5.78	0.37	20
	Total	5.64	0.49	38
3	0	5.31	0.42	17
	1	5.51	0.44	18
	Total	5.41	0.44	35
Total	0	5.83	0.66	74
	1	5.83	0.51	78
	Total	5.83	0.59	152

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.818
GROUP * GENDER	0.010

Table 27
 Multiple Comparisons
 Dependent Variable: MD.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.75	0.14	0.000	0.002
	Mmoderat	1.11	0.14	0.000	0.000
	Msevere	1.28	0.15	0.000	0.000
	Fcontrol	0.31	0.14	0.455	1.000
Mmild	Mmoderat	0.36	0.14	0.224	1.000
	Msevere	0.54	0.15	0.006	1.000
	Fmild	0.12	0.14	1.000	1.000
Mmoderat	Msevere	0.18	0.15	1.000	1.000
	Fmoderat	-0.29	0.14	0.677	1.000
Msevere	Fsevere	-0.20	0.15	1.000	1.000
Fcontrol	Fmild	0.56	0.14	0.001	0.374
	Fmoderat	0.51	0.14	0.006	1.000
	Fsevere	0.77	0.14	0.000	0.001
Fmild	Fmoderat	-0.06	0.14	1.000	1.000
	Fsevere	0.21	0.14	1.000	1.000
Fmoderat	Fsevere	0.26	0.14	1.000	1.000

Tooth: L3
 Table 28
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.80	0.50	18
	1	7.01	0.30	17
	Total	7.41	0.60	35
1	0	6.76	0.60	17
	1	6.40	0.50	20
	Total	6.57	0.50	37
2	0	6.66	0.50	17
	1	6.44	0.40	16
	Total	6.55	0.40	33
3	0	6.56	0.60	15
	1	6.49	0.30	16
	Total	6.53	0.50	31
Total	0	6.97	0.70	67
	1	6.58	0.40	69
	Total	6.77	0.60	136

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.000
GROUP * GENDER	0.014

Table 30
 Multiple Comparisons
 Dependent Variable: MD.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	1.04	0.16	0.000	0.000
	Mmoderat	1.14	0.16	0.000	0.000
	Msevere	1.23	0.16	0.000	0.000
	Fcontrol	0.79	0.16	0.000	0.008
Mmild	Mmoderat	0.10	0.16	1.000	1.000
	Msevere	0.20	0.17	1.000	1.000
	Fmild	0.36	0.15	0.355	1.000
Mmoderat	Msevere	0.09	0.17	1.000	1.000
	Fmoderat	0.22	0.16	1.000	1.000
Msevere	Fsevere	0.07	0.17	1.000	1.000
Fcontrol	Fmild	0.61	0.15	0.002	0.621
	Fmoderat	0.57	0.16	0.011	1.000
	Fsevere	0.52	0.16	0.031	1.000
Fmild	Fmoderat	-0.04	0.16	1.000	1.000
	Fsevere	-0.09	0.16	1.000	1.000
Fmoderat	Fsevere	-0.05	0.17	1.000	1.000

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.75	0.50	19
	1	7.49	0.51	19
	Total	7.62	0.52	38
1	0	6.82	0.46	19
	1	6.76	0.37	20
	Total	6.79	0.41	39
2	0	6.73	0.39	16
	1	6.76	0.45	20
	Total	6.75	0.41	36
3	0	6.83	0.48	16
	1	6.68	0.41	11
	Total	6.77	0.45	27
Total	0	7.05	0.62	70
	1	6.95	0.55	70
	Total	7.00	0.59	140

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.161
GROUP * GENDER	0.551

Table 33
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.84	0.10	0.000	0.000
	2	0.88	0.10	0.000	0.000
	3	0.86	0.11	0.000	0.000
1	2	0.04	0.10	1.000	1.000
	3	0.02	0.11	1.000	1.000
2	3	-0.02	0.11	1.000	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.75	0.43	17
	1	7.49	0.46	18
	Total	7.62	0.46	35
1	0	6.84	0.46	17
	1	6.68	0.41	16
	Total	6.76	0.44	33
2	0	6.56	0.45	8
	1	6.92	0.56	6
	Total	6.72	0.51	14
3	0	6.59	0.27	9
	1	6.75	0.40	5
	Total	6.65	0.32	14
Total	0	7.06	0.65	51
	1	7.04	0.58	45
	Total	7.05	0.61	96

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.789
GROUP * GENDER	0.107

Table 36
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.86	0.11	0.000	0.000
	2	0.90	0.14	0.000	0.000
	3	0.97	0.14	0.000	0.000
1	2	0.04	0.14	1.000	1.000
	3	0.11	0.14	1.000	1.000
2	3	0.07	0.16	1.000	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	11.85	0.71	20
	1	11.29	0.76	18
	Total	11.59	0.78	38
1	0	10.76	0.67	20
	1	10.48	0.68	20
	Total	10.62	0.68	40
2	0	10.87	0.60	20
	1	10.74	0.50	20
	Total	10.81	0.55	40
3	0	10.61	0.55	19
	1	10.79	0.82	19
	Total	10.70	0.69	38
Total	0	11.03	0.79	79
	1	10.81	0.74	77
	Total	10.92	0.77	156

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.
GROUP	0.000
GENDER	0.067
GROUP * GENDER	0.112

Table 39
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.97	0.15	0.000	0.000
	2	0.78	0.15	0.000	0.001
	3	0.89	0.15	0.000	0.000
1	2	-0.19	0.15	1.000	1.000
	3	-0.08	0.15	1.000	1.000
2	3	0.11	0.15	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: MD.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	11.05	0.66	14
	1	10.74	0.72	11
	Total	10.91	0.69	25
1	0	10.19	0.84	10
	1	9.96	0.53	17
	Total	10.05	0.66	27
2	0	10.28	0.82	10
	1	10.18	1.12	6
	Total	10.24	0.91	16
3	0	10.88	0.79	5
	1	9.88	0.55	5
	Total	10.38	0.83	10
Total	0	10.61	0.83	39
	1	10.21	0.76	39
	Total	10.41	0.82	78

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: MD.O

Source	Sig.	P2
GROUP	0.002	
GENDER	0.028	1.000
GROUP * GENDER	0.466	

Table 42
 Multiple Comparisons
 Dependent Variable: MD.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.87	0.20	0.000	0.100
	2	0.68	0.23	0.032	1.000
	3	0.53	0.27	0.345	1.000
1	2	-0.19	0.23	1.000	1.000
	3	-0.34	0.27	1.000	1.000
2	3	-0.15	0.30	1.000	1.000

Appendix 12

Dependent variable BL (buccolingual dimension, occlusal view)

Tooth: U1

Table 1: Descriptive Statistics

Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.12	0.97	20
	1	8.12	0.87	20
	Total	8.12	0.91	40
1	0	6.77	0.43	20
	1	6.85	0.69	20
	Total	6.81	0.57	40
2	0	6.84	0.78	20
	1	6.88	0.71	20
	Total	6.86	0.74	40
3	0	6.65	0.87	20
	1	6.71	0.49	20
	Total	6.68	0.70	40
Total	0	7.10	0.98	80
	1	7.14	0.90	80
	Total	7.12	0.93	160

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.735
GROUP * GENDER	0.995

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: BL

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.31	0.17	0.000	0.000
	2	1.26	0.17	0.000	0.000
	3	1.44	0.17	0.000	0.000
1	2	-0.05	0.17	1.000	1.000
	3	0.13	0.17	1.000	1.000
2	3	0.18	0.17	1.000	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.52	1.18	20
	1	7.34	0.83	20
	Total	7.43	1.01	40
1	0	5.35	0.72	8
	1	5.50	0.58	14
	Total	5.45	0.62	22
2	0	5.86	0.76	12
	1	5.57	0.74	13
	Total	5.71	0.75	25
3	0	6.00	0.62	7
	1	5.61	0.76	11
	Total	5.76	0.71	18
Total	0	6.50	1.29	47
	1	6.17	1.12	58
	Total	6.32	1.21	105

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.309
GROUP * GENDER	0.764

Table 6
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.98	0.22	0.000	0.000
	2	1.72	0.21	0.000	0.000
	3	1.67	0.24	0.000	0.000
1	2	-0.26	0.25	1.000	1.000
	3	-0.31	0.27	1.000	1.000
2	3	-0.05	0.26	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.94	0.87	18
	1	8.80	0.51	14
	Total	8.88	0.73	32
1	0	7.74	0.61	17
	1	7.26	0.57	16
	Total	7.51	0.63	33
2	0	7.62	1.12	11
	1	7.57	0.53	16
	Total	7.59	0.80	27
3	0	6.99	1.11	9
	1	7.37	0.56	11
	Total	7.20	0.85	20
Total	0	7.99	1.13	55
	1	7.75	0.81	57
	Total	7.87	0.98	112

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.598
GROUP * GENDER	0.240

Table 9
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.37	0.18	0.000	0.000
	2	1.29	0.19	0.000	0.000
	3	1.68	0.21	0.000	0.000
1	2	-0.08	0.19	1.000	1.000
	3	0.31	0.21	0.844	1.000
2	3	0.39	0.22	0.453	1.000

Tooth: U4
 Table 10
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.28	0.93	18
	1	10.02	0.55	20
	Total	10.14	0.75	38
1	0	8.89	0.63	19
	1	8.65	0.57	20
	Total	8.76	0.61	39
2	0	8.25	0.92	16
	1	8.66	0.73	19
	Total	8.47	0.84	35
3	0	8.15	0.49	13
	1	8.36	0.74	6
	Total	8.22	0.56	19
Total	0	8.97	1.15	66
	1	9.05	0.90	65
	Total	9.01	1.03	131

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.817
GROUP * GENDER	0.138

Table 12
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.38	0.16	0.000	0.000
	2	1.67	0.17	0.000	0.000
	3	1.93	0.20	0.000	0.000
1	2	0.29	0.16	0.478	1.000
	3	0.55	0.20	0.039	1.000
2	3	0.26	0.20	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.34	0.78	20
	1	10.19	0.58	20
	Total	10.26	0.68	40
1	0	8.93	0.66	19
	1	8.96	0.63	17
	Total	8.94	0.64	36
2	0	8.21	0.77	10
	1	8.81	0.85	6
	Total	8.43	0.83	16
3	0	8.56	0.62	10
	1	8.40	0.79	6
	Total	8.50	0.66	16
Total	0	9.22	1.09	59
	1	9.37	0.95	49
	Total	9.29	1.03	108

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.597
GROUP * GENDER	0.319

Table 15
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.32	0.16	0.000	0.000
	2	1.83	0.20	0.000	0.000
	3	1.76	0.20	0.000	0.000
1	2	0.51	0.21	0.097	1.000
	3	0.44	0.21	0.218	1.000
2	3	-0.07	0.24	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	12.12	0.80	20
	1	11.84	0.70	19
	Total	11.99	0.80	39
1	0	11.08	0.50	20
	1	10.75	0.60	20
	Total	10.91	0.60	40
2	0	11.19	0.60	20
	1	11.00	0.60	20
	Total	11.09	0.60	40
3	0	10.89	0.80	19
	1	10.77	0.80	18
	Total	10.83	0.80	37
Total	0	11.33	0.80	79
	1	11.09	0.80	77
	Total	11.21	0.8	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.034
GROUP * GENDER	0.905

Table 18
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.07	0.15	0.000	0.000
	2	0.89	0.15	0.000	0.000
	3	1.15	0.16	0.000	0.000
1	2	-0.18	0.15	1.000	1.000
	3	0.08	0.15	1.000	1.000
2	3	0.26	0.15	0.563	1.000

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	11.87	0.75	13
	1	11.48	0.86	12
	Total	11.69	0.81	25
1	0	10.84	0.58	17
	1	10.48	0.68	17
	Total	10.66	0.64	34
2	0	11.04	0.88	13
	1	10.44	1.27	9
	Total	10.79	1.07	22
3	0	10.71	0.58	8
	1	10.66	0.86	8
	Total	10.69	0.71	16
Total	0	11.13	0.82	51
	1	10.76	0.97	46
	Total	10.96	0.91	97

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.043
GROUP * GENDER	0.777

Table 21
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.03	0.21	0.000	0.008
	2	0.90	0.23	0.001	0.388
	3	1.00	0.26	0.001	0.306
1	2	-0.13	0.22	1.000	1.000
	3	-0.03	0.24	1.000	1.000
2	3	0.10	0.26	1.000	1.000

Tooth: L1
 Table 22
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.12	0.64	19
	1	6.78	0.54	20
	Total	6.95	0.61	39
1	0	5.96	0.56	19
	1	5.86	0.55	19
	Total	5.91	0.55	38
2	0	6.19	0.69	16
	1	5.99	0.50	18
	Total	6.08	0.59	34
3	0	5.39	1.19	10
	1	5.95	0.39	13
	Total	5.71	0.86	23
Total	0	6.27	0.95	64
	1	6.17	0.63	70
	Total	6.22	0.80	134

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.864
GROUP * GENDER	0.054

Table 24
 Multiple Comparisons
 Dependent Variable: BL

LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	1.16	0.20	0.000	0.000
	Mmoderat	0.93	0.21	0.000	0.106
	Msevere	1.73	0.25	0.000	0.000
Mmild	Fcontrol	0.34	0.20	1.000	1.000
	Mmoderat	-0.23	0.21	1.000	1.000
	Msevere	0.57	0.25	0.345	1.000
Mmoderat	Fmild	0.10	0.20	1.000	1.000
	Msevere	0.80	0.25	0.033	1.000
	Fmoderat	0.20	0.22	1.000	1.000
Msevere	Fsevere	-0.56	0.26	0.561	1.000
	Fcontrol	0.93	0.20	0.000	0.033
	Fmoderat	0.79	0.20	0.003	0.851
Fcontrol	Fsevere	0.83	0.22	0.005	1.000
	Fmild	-0.13	0.21	1.000	1.000
	Fsevere	-0.10	0.23	1.000	1.000
Fmild	Fmoderat	-0.13	0.21	1.000	1.000
	Fsevere	-0.10	0.23	1.000	1.000
Fmoderat	Fsevere	0.04	0.23	1.000	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	7.19	0.79	20
	1	7.18	0.48	20
	Total	7.19	0.64	40
1	0	6.22	0.46	19
	1	6.09	0.47	20
	Total	6.16	0.46	39
2	0	6.16	0.77	18
	1	6.18	0.56	20
	Total	6.17	0.66	38
3	0	5.80	1.15	17
	1	5.96	0.77	18
	Total	5.88	0.96	35
Total	0	6.37	0.96	74
	1	6.36	0.75	78
	Total	6.37	0.85	152

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.934
GROUP * GENDER	0.851

Table 27
 Multiple Comparisons
 Dependent Variable: BL
 LSD

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.03	0.16	0.000	0.000
	2	1.01	0.16	0.000	0.000
	3	1.30	0.16	0.000	0.000
1	2	-0.02	0.16	0.919	1.000
	3	0.27	0.16	0.100	1.000
2	3	0.29	0.16	0.084	1.000

Tooth: L3
 Table 28
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.31	0.80	18
	1	7.70	0.50	17
	Total	8.01	0.70	35
1	0	6.91	0.50	17
	1	6.75	0.40	20
	Total	6.82	0.40	37
2	0	7.08	0.80	17
	1	6.99	0.50	16
	Total	7.03	0.70	33
3	0	6.64	1.00	15
	1	6.73	0.50	15
	Total	6.69	0.80	30
Total	0	7.27	1.00	67
	1	7.04	0.60	68
	Total	7.15	0.80	135

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.	P2
GROUP	0.000	
GENDER	0.090	1.000
GROUP * GENDER	0.162	

Table 30
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.19	0.15	0.000	0.000
	2	0.98	0.16	0.000	0.000
	3	1.32	0.16	0.000	0.000
1	2	-0.21	0.16	1.000	1.000
	3	0.14	0.16	1.000	1.000
2	3	0.34	0.16	0.223	1.000

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	8.83	0.73	19
	1	8.36	0.63	20
	Total	8.59	0.71	39
1	0	7.55	0.42	19
	1	7.26	0.42	20
	Total	7.40	0.44	39
2	0	7.58	0.66	16
	1	7.52	0.38	20
	Total	7.54	0.52	36
3	0	7.42	0.53	16
	1	7.06	0.48	11
	Total	7.27	0.53	27
Total	0	7.87	0.83	70
	1	7.61	0.69	71
	Total	7.74	0.77	141

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.	P2
GROUP	0.000	
GENDER	0.002	0.523
GROUP * GENDER	0.434	

Table 33
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.19	0.12	0.000	0.000
	2	1.05	0.13	0.000	0.000
	3	1.32	0.14	0.000	0.000
1	2	-0.14	0.13	1.000	1.000
	3	0.13	0.14	1.000	1.000
2	3	0.27	0.14	0.319	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.45	0.64	17
	1	9.09	0.73	18
	Total	9.26	0.70	35
1	0	8.16	0.54	17
	1	7.98	0.43	16
	Total	8.07	0.49	33
2	0	7.98	0.67	8
	1	8.08	0.39	6
	Total	8.02	0.55	14
3	0	7.62	0.26	9
	1	7.32	0.82	5
	Total	7.51	0.52	14
Total	0	8.46	0.91	51
	1	8.36	0.87	45
	Total	8.42	0.89	96

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.176
GROUP * GENDER	0.659

Table 36
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.19	0.14	0.000	0.000
	2	1.24	0.19	0.000	0.000
	3	1.75	0.19	0.000	0.000
1	2	0.05	0.19	1.000	1.000
	3	0.56	0.19	0.022	1.000
2	3	0.51	0.22	0.149	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	11.33	0.71	20
	1	10.83	0.75	18
	Total	11.09	0.76	38
1	0	10.39	0.53	20
	1	9.90	0.49	20
	Total	10.15	0.56	40
2	0	10.50	0.58	20
	1	10.29	0.39	20
	Total	10.40	0.50	40
3	0	10.16	0.80	19
	1	10.34	0.71	19
	Total	10.25	0.75	38
Total	0	10.60	0.79	79
	1	10.33	0.67	77
	Total	10.47	0.74	156

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.
GROUP	0.000
GENDER	0.013
GROUP * GENDER	0.070

Table 39
 Multiple Comparisons
 Dependent Variable: BL
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.94	0.20	0.000	0.027
	Mmoderat	0.83	0.20	0.001	0.237
	Msevere	1.16	0.20	0.000	0.000
Mmild	Fcontrol	0.50	0.21	0.255	1.000
	Mmoderat	-0.11	0.20	1.000	1.000
	Msevere	0.23	0.20	1.000	1.000
Mmoderat	Fmild	0.49	0.20	0.253	1.000
	Msevere	0.34	0.20	1.000	1.000
	Fmoderat	0.20	0.20	1.000	1.000
Msevere	Fsevere	-0.17	0.21	1.000	1.000
	Fcontrol	0.92	0.21	0.000	0.059
	Fmoderat	0.53	0.21	0.168	1.000
Fcontrol	Fsevere	0.49	0.21	0.313	1.000
	Fmild	-0.39	0.20	0.834	1.000
	Fsevere	-0.43	0.21	0.546	1.000
Fmild	Fmoderat	-0.04	0.20	1.000	1.000
	Fsevere	-0.04	0.20	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: BL

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.77	0.91	14
	1	10.54	0.74	11
	Total	10.67	0.83	25
1	0	9.81	0.62	10
	1	9.30	0.58	17
	Total	9.49	0.64	27
2	0	10.06	0.63	10
	1	9.91	0.67	6
	Total	10.00	0.63	16
3	0	10.11	0.71	5
	1	9.59	0.33	5
	Total	9.85	0.59	10
Total	0	10.26	0.82	39
	1	9.78	0.80	39
	Total	10.02	0.84	78

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: BL

Source	Sig.	P2
GROUP	0.000	
GENDER	0.044	1.000
GROUP * GENDER	0.801	

Table 42
 Multiple Comparisons
 Dependent Variable: BL
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.18	0.19	0.000	0.000
	2	0.66	0.22	0.022	1.000
	3	0.81	0.26	0.014	1.000
1	2	-0.52	0.22	0.122	1.000
	3	-0.37	0.25	0.930	1.000
2	3	0.15	0.28	1.000	1.000

Appendix 13

Dependent variable Po (perimeter dimension, occlusal view)

Tooth: U1

Table 1: Descriptive Statistics
Dependent Variable: Po

GROUP	GENDER	Mean	Std. Deviation	N
0	0	28.24	2.89	20
	1	27.75	2.07	20
	Total	27.99	2.50	40
1	0	24.39	1.22	20
	1	24.26	1.94	20
	Total	24.33	1.60	40
2	0	24.34	2.10	20
	1	24.37	1.48	20
	Total	24.35	1.79	40
3	0	23.40	2.23	20
	1	23.22	1.65	20
	Total	23.31	1.94	40
Total	0	25.09	2.85	80
	1	24.90	2.46	80
	Total	24.99	2.66	160

Table 2: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: Po

Source	Sig.
GROUP	0.000
GENDER	0.544
GROUP * GENDER	0.949

Table 3: Multiple Comparisons
Post-hoc-tests
Dependent Variable:
Po

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.67	0.45	0.000	0.000
	2	3.64	0.45	0.000	0.000
	3	4.68	0.45	0.000	0.000
1	2	-0.03	0.45	1.000	1.000
	3	1.02	0.45	0.147	1.000
2	3	1.05	0.45	0.125	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	23.63	2.85	20
	1	23.32	1.79	20
	Total	23.47	2.35	40
1	0	17.65	2.69	8
	1	18.47	1.72	14
	Total	18.17	2.10	22
2	0	18.72	2.39	12
	1	18.11	2.17	13
	Total	18.40	2.26	25
3	0	19.06	1.77	7
	1	18.01	2.32	11
	Total	18.42	2.14	18
Total	0	20.68	3.60	47
	1	19.97	3.12	58
	Total	20.29	3.35	105

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.540
GROUP * GENDER	0.609

Table 6
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	5.30	0.60	0.000	0.000
	2	5.07	0.58	0.000	0.000
	3	5.06	0.64	0.000	0.000
1	2	-0.23	0.66	1.000	1.000
	3	-0.25	0.72	1.000	1.000
2	3	-0.01	0.70	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	27.33	1.90	18
	1	26.69	1.39	14
	Total	27.05	1.70	32
1	0	24.12	1.67	17
	1	22.90	1.43	16
	Total	23.53	1.65	33
2	0	24.09	1.92	11
	1	23.60	1.42	16
	Total	23.80	1.63	27
3	0	22.26	2.33	9
	1	23.01	1.22	11
	Total	22.67	1.79	20
Total	0	24.86	2.63	55
	1	24.05	2.05	57
	Total	24.45	2.37	112

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.219
GROUP * GENDER	0.228

Table 9
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.52	0.41	0.000	0.000
	2	3.25	0.43	0.000	0.000
	3	4.38	0.47	0.000	0.000
1	2	-0.27	0.43	1.000	1.000
	3	0.85	0.47	0.433	1.000
2	3	1.13	0.49	0.139	1.000

Tooth: U4
 Table 10
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	28.88	2.34	18
	1	28.28	1.47	20
	Total	28.56	1.93	38
1	0	25.55	1.67	19
	1	24.98	1.57	20
	Total	25.25	1.62	39
2	0	23.66	2.37	16
	1	24.90	1.90	19
	Total	24.33	2.19	35
3	0	23.73	1.33	13
	1	23.78	2.33	6
	Total	23.75	1.64	19
Total	0	25.64	2.90	66
	1	25.86	2.36	65
	Total	25.75	2.64	131

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.930
GROUP * GENDER	0.133

Table 12
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.31	0.43	0.000	0.000
	2	4.23	0.44	0.000	0.000
	3	4.82	0.52	0.000	0.000
1	2	0.92	0.43	0.215	1.000
	3	1.50	0.52	0.028	1.000
2	3	0.58	0.53	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	28.44	2.02	20
	1	28.15	1.65	20
	Total	28.29	1.83	40
1	0	25.03	1.62	19
	1	25.02	1.62	17
	Total	25.02	1.60	36
2	0	23.38	2.21	10
	1	24.75	2.44	6
	Total	23.89	2.32	16
3	0	24.15	1.51	10
	1	23.69	2.12	6
	Total	23.98	1.70	16
Total	0	25.76	2.71	59
	1	26.10	2.48	49
	Total	25.91	2.60	108

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.698
GROUP * GENDER	0.465

Table 15
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.27	0.42	0.000	0.000
	2	4.41	0.54	0.000	0.000
	3	4.32	0.54	0.000	0.000
1	2	1.14	0.55	0.250	1.000
	3	1.05	0.55	0.357	1.000
2	3	-0.09	0.65	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	39.17	2.06	20
	1	37.95	1.66	19
	Total	38.58	1.95	39
1	0	36.36	1.50	20
	1	34.81	1.34	20
	Total	35.58	1.61	40
2	0	36.24	1.71	20
	1	35.60	1.82	20
	Total	35.92	1.77	40
3	0	35.43	2.38	19
	1	34.32	2.97	18
	Total	34.89	2.70	37
Total	0	36.82	2.37	79
	1	35.67	2.41	77
	Total	36.25	2.45	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.000	0.127
GROUP * GENDER	0.785	

Table 18
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.99	0.44	0.000	0.000
	2	2.66	0.44	0.000	0.000
	3	3.69	0.45	0.000	0.000
1	2	-0.34	0.44	1.000	1.000
	3	0.70	0.45	0.751	1.000
2	3	1.03	0.45	0.141	1.000

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	37.45	1.64	13
	1	35.44	2.48	12
	Total	36.48	2.28	25
1	0	33.47	1.84	17
	1	32.60	1.58	17
	Total	33.04	1.75	34
2	0	34.34	2.68	13
	1	32.52	3.27	9
	Total	33.60	3.00	22
3	0	33.11	1.68	8
	1	33.06	2.80	8
	Total	33.09	2.23	16
Total	0	34.65	2.60	51
	1	33.40	2.65	46
	Total	34.06	2.68	97

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.013	1.000
GROUP * GENDER	0.483	

Table 21
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.45	0.59	0.000	0.000
	2	2.89	0.65	0.000	0.041
	3	3.40	0.71	0.000	0.012
1	2	-0.56	0.61	1.000	1.000
	3	-0.05	0.67	1.000	1.000
2	3	0.51	0.73	1.000	1.000

Tooth: L1
 Table 22
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	20.49	1.55	19
	1	19.83	1.19	20
	Total	20.15	1.40	39
1	0	17.64	1.32	19
	1	17.53	1.36	19
	Total	17.59	1.33	38
2	0	18.03	1.66	16
	1	17.75	1.04	18
	Total	17.88	1.36	34
3	0	16.67	2.59	10
	1	17.55	0.98	13
	Total	17.17	1.86	23
Total	0	18.43	2.19	64
	1	18.25	1.53	70
	Total	18.34	1.87	134

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.877
GROUP * GENDER	0.261

Table 24
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.57	0.33	0.000	0.000
	2	2.28	0.34	0.000	0.000
	3	2.99	0.38	0.000	0.000
1	2	-0.29	0.34	1.000	1.000
	3	0.42	0.38	1.000	1.000
2	3	0.71	0.39	0.434	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	21.64	1.74	20
	1	20.99	1.22	20
	Total	21.32	1.52	40
1	0	19.04	1.11	19
	1	18.48	1.39	20
	Total	18.75	1.28	39
2	0	18.39	1.93	18
	1	18.83	1.27	20
	Total	18.62	1.61	38
3	0	17.61	2.07	17
	1	18.07	1.65	18
	Total	17.85	1.85	35
Total	0	19.26	2.30	74
	1	19.12	1.77	78
	Total	19.18	2.04	152

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.762
GROUP * GENDER	0.227

Table 27
 Multiple Comparisons
 Dependent Variable: P.O
 LSD

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.56	0.35	0.000	0.000
	2	2.70	0.35	0.000	0.000
	3	3.47	0.36	0.000	0.000
1	2	0.13	0.36	0.715	1.000
	3	0.90	0.36	0.014	1.000
2	3	0.77	0.37	0.037	1.000

Tooth: L3
 Table 28
 Descriptive Statistics

Dependent Variable: P.O				
GROUP	GENDER	Mean	Std. Deviation	N
0	0	25.52	2.00	18
	1	23.38	1.10	17
	Total	24.48	1.90	35
1	0	21.99	1.40	17
	1	20.87	1.20	20
	Total	21.38	1.40	37
2	0	22.10	1.90	17
	1	21.48	1.30	16
	Total	21.80	1.60	33
3	0	21.01	2.50	15
	1	21.00	0.90	15
	Total	21.01	1.80	30
Total	0	22.75	2.60	67
	1	21.67	1.50	68
	Total	22.20	2.20	135

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.001
GROUP * GENDER	0.050

Table 30
 Multiple Comparisons
 Dependent Variable: P.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	3.54	0.54	0.000	0.000
	Mmoderat	3.43	0.54	0.000	0.000
	Msevere	4.51	0.55	0.000	0.000
	Fcontrol	2.15	0.54	0.002	0.440
Mmild	Mmoderat	-0.11	0.54	1.000	1.000
	Msevere	0.97	0.56	1.000	1.000
	Fmild	1.12	0.52	0.538	1.000
Mmoderat	Msevere	1.08	0.56	0.888	1.000
	Fmoderat	0.62	0.55	1.000	1.000
Msevere	Fsevere	0.01	0.58	1.000	1.000
Fcontrol	Fmild	2.51	0.52	0.000	0.017
	Fmoderat	1.90	0.55	0.012	1.000
	Fsevere	2.38	0.56	0.001	0.178
Fmild	Fmoderat	-0.61	0.53	1.000	1.000
	Fsevere	-0.13	0.54	1.000	1.000
Fmoderat	Fsevere	0.48	0.57	1.000	1.000

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	26.47	1.90	19
	1	25.32	1.66	19
	Total	25.89	1.86	38
1	0	23.10	1.20	19
	1	22.41	1.07	20
	Total	22.75	1.17	39
2	0	23.01	1.58	16
	1	22.94	1.09	20
	Total	22.97	1.31	36
3	0	22.61	1.60	16
	1	21.86	1.35	11
	Total	22.30	1.52	27
Total	0	23.88	2.23	70
	1	23.27	1.83	70
	Total	23.57	2.06	140

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.009	1.000
GROUP * GENDER	0.462	

Table 33
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.15	0.33	0.000	0.000
	2	2.92	0.34	0.000	0.000
	3	3.59	0.37	0.000	0.000
1	2	-0.23	0.34	1.000	1.000
	3	0.44	0.36	1.000	1.000
2	3	0.67	0.37	0.432	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	27.88	1.66	17
	1	26.95	2.05	18
	Total	27.40	1.90	35
1	0	24.34	1.51	17
	1	23.84	1.26	16
	Total	24.09	1.40	33
2	0	23.37	1.73	8
	1	24.44	1.53	6
	Total	23.83	1.68	14
3	0	22.76	0.85	9
	1	22.16	2.18	5
	Total	22.54	1.42	14
Total	0	25.09	2.54	51
	1	24.98	2.42	45
	Total	25.04	2.47	96

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.
GROUP	0.000
GENDER	0.525
GROUP * GENDER	0.294

Table 36
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.31	0.40	0.000	0.000
	2	3.58	0.51	0.000	0.000
	3	4.86	0.51	0.000	0.000
1	2	0.27	0.52	1.000	1.000
	3	1.55	0.52	0.022	1.000
2	3	1.28	0.62	0.242	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	38.52	2.09	20
	1	36.91	2.29	18
	Total	37.76	2.31	38
1	0	35.49	1.74	20
	1	34.23	1.64	20
	Total	34.86	1.79	40
2	0	35.97	1.81	20
	1	35.07	1.33	20
	Total	35.52	1.64	40
3	0	35.13	2.25	19
	1	35.16	1.99	19
	Total	35.14	2.09	38
Total	0	36.29	2.36	79
	1	35.30	2.04	77
	Total	35.80	2.26	156

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.003	0.694
GROUP * GENDER	0.277	

Table 39
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	2.90	0.43	0.000	0.000
	2	2.24	0.43	0.000	0.001
	3	2.61	0.44	0.000	0.000
1	2	-0.66	0.43	0.736	1.000
	3	-0.28	0.43	1.000	1.000
2	3	0.38	0.43	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: P.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	36.36	1.88	14
	1	35.83	2.24	11
	Total	36.13	2.02	25
1	0	33.68	2.36	10
	1	32.77	1.56	17
	Total	33.11	1.90	27
2	0	34.35	2.68	10
	1	33.66	3.08	6
	Total	34.09	2.75	16
3	0	35.55	1.96	5
	1	33.00	1.37	5
	Total	34.27	2.09	10
Total	0	35.05	2.43	39
	1	33.80	2.36	39
	Total	34.43	2.46	78

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: P.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.031	1.000
GROUP * GENDER	0.640	

Table 42
 Multiple Comparisons
 Dependent Variable: P.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	3.02	0.59	0.000	0.005
	2	2.04	0.68	0.024	1.000
	3	1.86	0.80	0.140	1.000
1	2	-0.98	0.67	0.904	1.000
	3	-1.16	0.79	0.877	1.000
2	3	-0.18	0.86	1.000	1.000

Appendix 14

Dependent variable Ao (area, occlusal view)

Tooth: U1

Table 1: Descriptive Statistics

Dependent Variable: Ao

GROUP	GENDER	Mean	Std. Deviation	N
0	0	59.18	12.54	20
	1	57.05	8.85	20
	Total	58.12	10.77	40
1	0	44.34	4.49	20
	1	43.92	6.56	20
	Total	44.13	5.55	40
2	0	44.69	7.72	20
	1	44.26	5.45	20
	Total	44.47	6.60	40
3	0	41.13	7.34	20
	1	40.87	5.84	20
	Total	41.00	6.55	40
Total	0	47.33	10.92	80
	1	46.53	9.15	80
	Total	46.93	10.05	160

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: Ao

Source	Sig.
GROUP	0.000
GENDER	0.509
GROUP * GENDER	0.942

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: Ao

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	13.99	1.72	0.000	0.000
	2	13.64	1.72	0.000	0.000
	3	17.11	1.72	0.000	0.000
1	2	-0.34	1.72	1.000	1.000
	3	3.12	1.72	0.432	1.000
2	3	3.47	1.72	0.277	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U2
 Table 4
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	42.76	10.49	20
	1	41.52	6.16	20
	Total	42.14	8.52	40
1	0	24.35	7.01	8
	1	25.48	5.03	14
	Total	25.07	5.69	22
2	0	27.04	6.70	12
	1	25.49	5.74	13
	Total	26.23	6.14	25
3	0	27.76	4.56	7
	1	25.05	6.43	11
	Total	26.10	5.79	18
Total	0	33.38	11.58	47
	1	30.93	9.63	58
	Total	32.03	10.56	105

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.463
GROUP * GENDER	0.862

Table 6
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	17.07	1.89	0.000	0.000
	2	15.91	1.81	0.000	0.000
	3	16.03	2.02	0.000	0.000
1	2	-1.16	2.08	1.000	1.000
	3	-1.03	2.26	1.000	1.000
2	3	0.13	2.20	1.000	1.000

Tooth: U3
 Table 7
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	56.39	8.10	18
	1	53.97	5.40	14
	Total	55.33	7.05	32
1	0	44.73	6.14	17
	1	40.46	4.95	16
	Total	42.66	5.92	33
2	0	44.53	7.45	11
	1	43.02	5.13	16
	Total	43.63	6.09	27
3	0	38.38	7.98	9
	1	40.36	4.59	11
	Total	39.47	6.24	20
Total	0	47.47	9.80	55
	1	44.48	7.43	57
	Total	45.94	8.76	112

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.207
GROUP * GENDER	0.379

Table 9
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	12.68	1.56	0.000	0.000
	2	11.70	1.65	0.000	0.000
	3	15.86	1.80	0.000	0.000
1	2	-0.98	1.64	1.000	1.000
	3	3.19	1.79	0.465	1.000
2	3	4.16	1.86	0.164	1.000

Tooth: U4
 Table 10
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	61.21	12.03	18
	1	59.45	6.12	20
	Total	60.28	9.30	38
1	0	49.06	6.23	19
	1	47.00	5.88	20
	Total	48.00	6.06	39
2	0	42.19	7.92	16
	1	46.79	6.58	19
	Total	44.69	7.48	35
3	0	42.41	4.72	13
	1	42.25	7.68	6
	Total	42.36	5.59	19
Total	0	49.40	11.33	66
	1	50.33	8.80	65
	Total	49.86	10.13	131

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.912
GROUP * GENDER	0.209

Table 12
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	12.28	1.70	0.000	0.000
	2	15.60	1.74	0.000	0.000
	3	17.92	2.09	0.000	0.000
1	2	3.31	1.73	0.348	1.000
	3	5.64	2.08	0.046	1.000
2	3	2.33	2.12	1.000	1.000

Tooth: U5
 Table 13
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	59.73	8.42	20
	1	58.51	6.64	20
	Total	59.12	7.51	40
1	0	46.72	5.74	19
	1	46.84	5.88	17
	Total	46.78	5.72	36
2	0	41.23	7.33	10
	1	45.73	8.54	6
	Total	42.92	7.85	16
3	0	43.64	5.37	10
	1	42.14	6.37	6
	Total	43.08	5.60	16
Total	0	49.68	10.13	59
	1	50.89	9.15	49
	Total	50.23	9.67	108

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.748
GROUP * GENDER	0.546

Table 15
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	12.34	1.57	0.000	0.000
	2	16.20	2.02	0.000	0.000
	3	16.04	2.02	0.000	0.000
1	2	3.86	2.05	0.374	1.000
	3	3.70	2.05	0.442	1.000
2	3	-0.16	2.41	1.000	1.000

Tooth: U6
 Table 16
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	115.85	12.62	20
	1	109.12	9.65	19
	Total	112.57	11.64	39
1	0	100.52	8.01	20
	1	92.49	6.96	20
	Total	96.51	8.45	40
2	0	99.34	8.94	20
	1	96.86	9.53	20
	Total	98.10	9.21	40
3	0	93.85	11.43	19
	1	90.22	14.95	18
	Total	92.08	13.20	37
Total	0	102.50	13.09	79
	1	97.20	12.64	77
	Total	99.88	13.10	156

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.002	0.598
GROUP * GENDER	0.613	

Table 18
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	16.06	2.36	0.000	0.000
	2	14.47	2.36	0.000	0.000
	3	20.48	2.40	0.000	0.000
1	2	-1.60	2.34	1.000	1.000
	3	4.42	2.39	0.397	1.000
2	3	6.02	2.39	0.077	1.000

Tooth: U7
 Table 19
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	105.30	8.98	13
	1	95.21	13.45	12
	Total	100.46	12.23	25
1	0	84.56	8.91	17
	1	80.78	8.46	17
	Total	82.67	8.77	34
2	0	89.31	13.66	13
	1	80.87	15.00	9
	Total	85.86	14.50	22
3	0	82.75	7.76	8
	1	82.76	12.24	8
	Total	82.76	9.90	16
Total	0	90.77	13.30	51
	1	84.91	13.11	46
	Total	87.99	13.47	97

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.019	1.000
GROUP * GENDER	0.457	

Table 21
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	17.79	2.91	0.000	0.000
	2	14.60	3.23	0.000	0.031
	3	17.70	3.54	0.000	0.005
1	2	-3.19	3.03	1.000	1.000
	3	-0.09	3.35	1.000	1.000
2	3	3.11	3.63	1.000	1.000

Tooth: L1
 Table 22
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	29.76	4.01	19
	1	28.06	3.37	20
	Total	28.89	3.75	39
1	0	22.48	2.79	19
	1	22.28	3.16	19
	Total	22.38	2.94	38
2	0	23.63	3.86	16
	1	22.83	2.36	18
	Total	23.21	3.13	34
3	0	20.56	6.05	10
	1	22.80	2.40	13
	Total	21.82	4.41	23
Total	0	24.63	5.27	64
	1	24.17	3.78	70
	Total	24.39	4.54	134

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.850
GROUP * GENDER	0.200

Table 24
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	6.51	0.80	0.000	0.000
	2	5.68	0.82	0.000	0.000
	3	7.07	0.92	0.000	0.000
1	2	-0.83	0.83	1.000	1.000
	3	0.56	0.92	1.000	1.000
2	3	1.39	0.94	0.866	1.000

Tooth: L2
 Table 25
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	33.86	5.73	20
	1	32.13	3.99	20
	Total	32.99	4.95	40
1	0	26.55	2.96	19
	1	25.09	3.67	20
	Total	25.80	3.38	39
2	0	24.86	4.61	18
	1	26.09	3.31	20
	Total	25.51	3.97	38
3	0	23.01	5.12	17
	1	24.50	3.97	18
	Total	23.78	4.56	35
Total	0	27.30	6.25	74
	1	27.01	4.78	78
	Total	27.15	5.53	152

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.864
GROUP * GENDER	0.210

Table 27
 Multiple Comparisons
 Dependent Variable: A.O
 LSD

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	7.19	0.96	0.000	0.000
	2	7.49	0.96	0.000	0.000
	3	9.21	0.98	0.000	0.000
1	2	0.30	0.97	0.761	1.000
	3	2.02	0.99	0.043	1.000
2	3	1.73	1.00	0.085	1.000

Tooth: L3
 Table 28
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	49.04	7.40	18
	1	40.90	3.80	17
	Total	45.09	7.10	35
1	0	36.67	4.50	17
	1	33.16	3.90	20
	Total	34.77	4.50	37
2	0	37.16	5.90	17
	1	34.91	3.60	16
	Total	36.07	5.00	33
3	0	33.95	7.90	15
	1	33.84	3.10	15
	Total	33.89	5.90	30
Total	0	39.51	8.70	67
	1	35.66	4.70	68
	Total	37.57	7.20	135

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.000
GROUP * GENDER	0.019

Table 30
 Multiple Comparisons
 Dependent Variable: A.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	12.37	1.78	0.000	0.000
	Mmoderat	11.87	1.78	0.000	0.000
	Msevere	15.08	1.84	0.000	0.000
Mmild	Fcontrol	8.13	1.78	0.000	0.051
	Mmoderat	-0.50	1.81	1.000	1.000
	Msevere	2.71	1.87	1.000	1.000
Mmoderat	Fmild	3.51	1.74	0.737	1.000
	Msevere	3.21	1.87	1.000	1.000
	Fmoderat	2.25	1.84	1.000	1.000
Msevere	Fsevere	0.12	1.93	1.000	1.000
	Fcontrol	7.74	1.74	0.000	0.079
	Fmoderat	5.99	1.84	0.023	1.000
Fcontrol	Fsevere	7.07	1.87	0.004	1.000
	Fmild	-1.75	1.77	1.000	1.000
	Fmoderat	-0.68	1.80	1.000	1.000
Fmild	Fsevere	1.07	1.90	1.000	1.000
	Fmoderat				

Tooth: L4
 Table 31
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	53.99	7.55	19
	1	49.66	6.55	19
	Total	51.82	7.31	38
1	0	41.17	4.19	19
	1	39.00	3.70	20
	Total	40.06	4.05	39
2	0	40.71	5.43	16
	1	40.50	3.77	20
	Total	40.59	4.51	36
3	0	39.63	5.92	16
	1	37.15	4.47	11
	Total	38.62	5.43	27
Total	0	44.19	8.37	70
	1	42.03	6.70	70
	Total	43.11	7.63	140

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.014	1.000
GROUP * GENDER	0.439	

Table 33
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	11.77	1.23	0.000	0.000
	2	11.23	1.25	0.000	0.000
	3	13.21	1.35	0.000	0.000
1	2	-0.53	1.24	1.000	1.000
	3	1.44	1.35	1.000	1.000
2	3	1.97	1.37	0.908	1.000

Tooth: L5
 Table 34
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	59.37	7.04	17
	1	55.76	8.03	18
	Total	57.52	7.68	35
1	0	45.69	5.45	17
	1	43.88	4.64	16
	Total	44.81	5.08	33
2	0	42.05	6.14	8
	1	46.07	6.01	6
	Total	43.77	6.20	14
3	0	39.94	3.10	9
	1	39.37	7.23	5
	Total	39.74	4.70	14
Total	0	48.66	9.74	51
	1	48.42	8.99	45
	Total	48.55	9.35	96

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.
GROUP	0.000
GENDER	0.731
GROUP * GENDER	0.293

Table 36
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	12.70	1.51	0.000	0.000
	2	13.74	1.97	0.000	0.000
	3	17.78	1.97	0.000	0.000
1	2	1.04	1.99	1.000	1.000
	3	5.08	1.99	0.074	1.000
2	3	4.04	2.36	0.540	1.000

Tooth: L6
 Table 37
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	113.66	12.17	20
	1	104.91	12.89	18
	Total	109.51	13.11	38
1	0	96.49	9.27	20
	1	90.13	8.67	20
	Total	93.31	9.42	40
2	0	98.93	9.55	20
	1	94.89	7.26	20
	Total	96.91	8.62	40
3	0	94.08	11.85	19
	1	95.10	11.26	19
	Total	94.59	11.41	38
Total	0	100.88	13.06	79
	1	96.05	11.29	77
	Total	98.49	12.42	156

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.008	1.000
GROUP * GENDER	0.214	

Table 39
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	16.20	2.37	0.000	0.000
	2	12.60	2.37	0.000	0.001
	3	14.92	2.40	0.000	0.000
1	2	-3.60	2.34	0.760	1.000
	3	-1.28	2.37	1.000	1.000
2	3	2.32	2.37	1.000	1.000

Tooth: L7
 Table 40
 Descriptive Statistics
 Dependent Variable: A.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	100.77	10.80	14
	1	98.71	12.49	11
	Total	99.86	11.37	25
1	0	87.04	11.74	10
	1	81.69	7.91	17
	Total	83.67	9.65	27
2	0	90.40	13.32	10
	1	87.57	15.46	6
	Total	89.34	13.72	16
3	0	94.80	9.26	5
	1	82.53	6.63	5
	Total	88.66	9.97	10
Total	0	93.82	12.52	39
	1	87.50	12.58	39
	Total	90.66	12.87	78

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: A.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.045	1.000
GROUP * GENDER	0.653	

Table 42
 Multiple Comparisons
 Dependent Variable: A.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	16.19	3.08	0.000	0.002
	2	10.53	3.55	0.025	1.000
	3	11.20	4.15	0.053	1.000
1	2	-5.67	3.50	0.662	1.000
	3	-4.99	4.11	1.000	1.000
2	3	0.67	4.48	1.000	1.000

Appendix 15

Dependent variable CIOM1 (crown index of occlusal morphology 1

Tooth: U1

Table 1: Descriptive Statistics

Dependent Variable: CIOM1

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.18	0.08	20
	1	1.15	0.12	20
	Total	1.17	0.10	40
1	0	1.26	0.09	20
	1	1.23	0.09	20
	Total	1.25	0.09	40
2	0	1.22	0.11	20
	1	1.22	0.12	20
	Total	1.22	0.11	40
3	0	1.22	0.16	20
	1	1.18	0.10	20
	Total	1.20	0.13	40
Total	0	1.22	0.12	80
	1	1.20	0.11	80
	Total	1.21	0.11	160

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: CIOM1

Source	Sig.
GROUP	0.013
GENDER	0.184
GROUP * GENDER	0.784

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: CIOM1

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.08	0.03	0.010	1.000
	2	-0.05	0.03	0.191	1.000
	3	-0.03	0.03	1.000	1.000
1	2	0.03	0.03	1.000	1.000
	3	0.05	0.03	0.288	1.000
2	3	0.02	0.03	1.000	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U2
 Table 4
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.00	0.10	20
	1	1.01	0.10	20
	Total	1.01	0.10	40
1	0	1.05	0.10	8
	1	1.07	0.21	14
	Total	1.06	0.17	22
2	0	0.98	0.08	12
	1	1.03	0.10	13
	Total	1.01	0.09	25
3	0	0.99	0.07	7
	1	0.99	0.11	11
	Total	0.99	0.10	18
Total	0	1.00	0.09	47
	1	1.03	0.13	58
	Total	1.02	0.12	105

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.271
GENDER	0.372
GROUP * GENDER	0.844

Tooth: U3
 Table 6
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.95	0.12	18
	1	0.94	0.05	14
	Total	0.95	0.10	32
1	0	0.99	0.05	17
	1	1.01	0.07	16
	Total	1.00	0.06	33
2	0	1.01	0.15	11
	1	0.98	0.06	16
	Total	0.99	0.10	27
3	0	1.04	0.16	9
	1	1.00	0.07	11
	Total	1.02	0.12	20
Total	0	0.99	0.12	55
	1	0.98	0.07	57
	Total	0.99	0.10	112

Table 7
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.042
GENDER	0.379
GROUP * GENDER	0.615

Table 8
 Multiple Comparisons
 Dependent Variable: CROWN.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.05	0.02	0.148	1.000
	2	-0.04	0.02	0.470	1.000
	3	-0.07	0.03	0.094	1.000
1	2	0.01	0.02	1.000	1.000
	3	-0.01	0.03	1.000	1.000
2	3	-0.02	0.03	1.000	1.000

Tooth: U4
 Table 9
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.74	0.04	18
	1	0.74	0.04	20
	Total	0.74	0.04	38
1	0	0.77	0.04	19
	1	0.77	0.03	20
	Total	0.77	0.03	39
2	0	0.78	0.06	16
	1	0.77	0.05	19
	Total	0.77	0.05	35
3	0	0.81	0.06	13
	1	0.76	0.03	6
	Total	0.79	0.06	19
Total	0	0.77	0.05	66
	1	0.76	0.04	65
	Total	0.77	0.05	131

Table 10
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.	P2
GROUP	0.003	
GENDER	0.076	1.000
GROUP * GENDER	0.133	

Table 11
 Multiple Comparisons
 Dependent Variable: CROWN.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.059	1.000
	2	-0.03	0.01	0.025	1.000
	3	-0.05	0.01	0.000	0.062
1	2	0.00	0.01	1.000	1.000
	3	-0.03	0.01	0.200	1.000
2	3	-0.02	0.01	0.441	1.000

Tooth: U5
 Table 12
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.70	0.04	20
	1	0.69	0.02	20
	Total	0.70	0.03	40
1	0	0.72	0.04	19
	1	0.71	0.02	17
	Total	0.72	0.03	36
2	0	0.74	0.03	10
	1	0.72	0.04	6
	Total	0.73	0.03	16
3	0	0.75	0.06	10
	1	0.72	0.05	6
	Total	0.74	0.06	16
Total	0	0.72	0.05	59
	1	0.71	0.03	49
	Total	0.72	0.04	108

Table 13
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.	P2
GROUP	0.001	
GENDER	0.057	1.000
GROUP * GENDER	0.689	

Table 14
 Multiple Comparisons
 Dependent Variable: CROWN.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.02	0.01	0.089	1.000
	2	-0.04	0.01	0.008	1.000
	3	-0.05	0.01	0.000	0.105
1	2	-0.02	0.01	1.000	1.000
	3	-0.02	0.01	0.178	1.000
2	3	-0.01	0.01	1.000	1.000

Tooth: U6
 Table 15
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.93	0.05	20
	1	0.90	0.04	19
	Total	0.92	0.05	39
1	0	0.95	0.05	20
	1	0.94	0.06	20
	Total	0.94	0.06	40
2	0	0.91	0.04	20
	1	0.94	0.05	20
	Total	0.92	0.05	40
3	0	0.92	0.05	19
	1	0.92	0.07	18
	Total	0.92	0.06	37
Total	0	0.93	0.05	79
	1	0.92	0.06	77
	Total	0.93	0.05	156

Table 16
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.174
GENDER	0.605
GROUP * GENDER	0.221

Tooth: U7
 Table 17
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.91	0.08	13
	1	0.88	0.03	12
	Total	0.90	0.06	25
1	0	0.89	0.05	17
	1	0.91	0.06	17
	Total	0.90	0.05	34
2	0	0.87	0.04	13
	1	0.90	0.06	9
	Total	0.88	0.05	22
3	0	0.86	0.05	8
	1	0.88	0.04	8
	Total	0.87	0.04	16
Total	0	0.89	0.06	51
	1	0.89	0.05	46
	Total	0.89	0.05	97

Table 18
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.310
GENDER	0.525
GROUP * GENDER	0.254

Tooth: L1
 Table 19
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.84	0.06	19
	1	0.87	0.05	20
	Total	0.86	0.06	39
1	0	0.88	0.07	19
	1	0.92	0.08	19
	Total	0.90	0.08	38
2	0	0.85	0.10	16
	1	0.89	0.10	18
	Total	0.87	0.11	34
3	0	0.98	0.19	10
	1	0.86	0.07	13
	Total	0.91	0.15	23
Total	0	0.87	0.11	64
	1	0.89	0.08	70
	Total	0.88	0.10	134

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.053
GENDER	0.935
GROUP * GENDER	0.004

Table 21
 Multiple Comparisons
 Dependent Variable: CROWN.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.04	0.03	1.000	1.000
	Mmoderat	-0.01	0.03	1.000	1.000
	Msevere	-0.14	0.04	0.003	0.782
Mmild	Fcontrol	-0.04	0.03	1.000	1.000
	Mmoderat	0.03	0.03	1.000	1.000
	Msevere	-0.10	0.04	0.142	1.000
Mmoderat	Fmild	-0.04	0.03	1.000	1.000
	Msevere	-0.13	0.04	0.014	1.000
	Fmoderat	-0.04	0.03	1.000	1.000
Msevere	Fsevere	0.12	0.04	0.039	1.000
	Fcontrol	-0.04	0.03	1.000	1.000
	Fmoderat	-0.02	0.03	1.000	1.000
Fcontrol	Fsevere	0.02	0.03	1.000	1.000
	Fmild	0.02	0.03	1.000	1.000
	Fmoderat	0.02	0.03	1.000	1.000
Fmild	Fsevere	0.06	0.03	1.000	1.000
	Fcontrol	-0.04	0.03	1.000	1.000
	Fmoderat	0.02	0.03	1.000	1.000
Fmoderat	Fsevere	0.04	0.03	1.000	1.000
	Fcontrol	-0.04	0.03	1.000	1.000
	Fmild	0.02	0.03	1.000	1.000

Tooth: L2
 Table 22
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.92	0.08	20
	1	0.88	0.04	20
	Total	0.90	0.07	40
1	0	0.94	0.08	19
	1	0.94	0.08	20
	Total	0.94	0.08	39
2	0	0.90	0.08	18
	1	0.94	0.08	20
	Total	0.92	0.08	38
3	0	0.95	0.23	17
	1	0.94	0.11	18
	Total	0.95	0.17	35
Total	0	0.93	0.13	74
	1	0.92	0.08	78
	Total	0.93	0.11	152

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.213
GENDER	0.751
GROUP * GENDER	0.286

Tooth: L3
 Table 24
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.94	0.10	18
	1	0.91	0.10	17
	Total	0.93	0.10	35
1	0	0.98	0.10	17
	1	0.95	0.10	20
	Total	0.97	0.10	37
2	0	0.95	0.10	17
	1	0.92	0.10	16
	Total	0.94	0.10	33
3	0	1.00	0.10	15
	1	0.97	0.10	15
	Total	0.99	0.10	30
Total	0	0.97	0.10	67
	1	0.94	0.10	68
	Total	0.95	0.10	135

Table 25
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.	P2
GROUP	0.056	
GENDER	0.050	1.000
GROUP * GENDER	0.997	

Table 26
 Dependent Variable: CROWN.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.04	0.02	0.621	1.000
	2	-0.01	0.02	1.000	1.000
	3	-0.06	0.02	0.096	1.000
1	2	0.03	0.02	1.000	1.000
	3	-0.02	0.02	1.000	1.000
2	3	-0.05	0.02	0.263	1.000

Tooth: L4
 Table 27
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.88	0.07	19
	1	0.90	0.06	19
	Total	0.89	0.06	38
1	0	0.90	0.06	19
	1	0.93	0.06	20
	Total	0.92	0.06	39
2	0	0.89	0.05	16
	1	0.90	0.06	20
	Total	0.90	0.06	36
3	0	0.92	0.04	16
	1	0.95	0.06	11
	Total	0.93	0.05	27
Total	0	0.90	0.06	70
	1	0.92	0.06	70
	Total	0.91	0.06	140

Table 28
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.010
GENDER	0.044
GROUP * GENDER	0.887

Table 29
 Multiple Comparisons
 Dependent Variable: CROWN.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.180	1.000
	2	-0.01	0.01	1.000	1.000
	3	-0.04	0.01	0.027	1.000
1	2	0.02	0.01	0.645	1.000
	3	-0.01	0.01	1.000	1.000
2	3	-0.03	0.01	0.117	1.000

Tooth: L5
 Table 30
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.82	0.03	17
	1	0.83	0.04	18
	Total	0.82	0.04	35
1	0	0.84	0.04	17
	1	0.84	0.04	16
	Total	0.84	0.04	33
2	0	0.82	0.04	8
	1	0.86	0.04	6
	Total	0.84	0.04	14
3	0	0.87	0.04	9
	1	0.93	0.07	5
	Total	0.89	0.06	14
Total	0	0.84	0.04	51
	1	0.85	0.05	45
	Total	0.84	0.05	96

Table 31
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.000
GENDER	0.011
GROUP * GENDER	0.076

Table 32
 Multiple Comparisons
 Dependent Variable: CROWN.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P	P2
Mcontrol	Mmild	-0.02	0.01	1.000	1.000
	Mmoderat	0.00	0.02	1.000	1.000
	Msevere	-0.04	0.02	0.182	1.000
	Fcontrol	0.00	0.01	1.000	1.000
Mmild	Mmoderat	0.01	0.02	1.000	1.000
	Msevere	-0.03	0.02	1.000	1.000
	Fmild	0.00	0.01	1.000	1.000
Mmoderat	Msevere	-0.04	0.02	0.690	1.000
	Fmoderat	-0.03	0.02	1.000	1.000
Msevere	Fsevere	-0.06	0.02	0.115	1.000
	Fcontrol	-0.01	0.01	1.000	1.000
	Fmoderat	-0.03	0.02	1.000	1.000
Fmild	Fsevere	-0.10	0.02	1.000	1.000
	Fmoderat	-0.02	0.02	1.000	1.000
	Fsevere	-0.09	0.02	0.001	0.151
Fmoderat	Fsevere	-0.07	0.02	0.079	1.000

Tooth: L6
 Table 33
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.05	0.04	20
	1	1.04	0.04	18
	Total	1.05	0.04	38
1	0	1.04	0.05	20
	1	1.06	0.05	20
	Total	1.05	0.05	40
2	0	1.04	0.04	20
	1	1.04	0.04	20
	Total	1.04	0.04	40
3	0	1.05	0.06	19
	1	1.05	0.06	19
	Total	1.05	0.06	38
Total	0	1.04	0.04	79
	1	1.05	0.05	77
	Total	1.04	0.05	156

Table 34
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.925
GENDER	0.404
GROUP * GENDER	0.628

Tooth: L7
 Table 35
 Descriptive Statistics
 Dependent Variable: CROWN.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	1.03	0.07	14
	1	1.02	0.04	11
	Total	1.03	0.05	25
1	0	1.04	0.07	10
	1	1.07	0.06	17
	Total	1.06	0.06	27
2	0	1.02	0.05	10
	1	1.03	0.09	6
	Total	1.02	0.06	16
3	0	1.08	0.08	5
	1	1.03	0.06	5
	Total	1.05	0.07	10
Total	0	1.04	0.07	39
	1	1.05	0.06	39
	Total	1.04	0.06	78

Table 36
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O

Source	Sig.
GROUP	0.186
GENDER	0.783
GROUP * GENDER	0.312

Appendix 16

Dependent variable BLm (proportional buccolingual dimension, occlusal view)

Tooth: U6

Table 1: Descriptive Statistics

Dependent Variable: BLm

GROUP	GENDER	Mean	Std. Deviation	N
0	0	11.31	0.93	20
	1	10.96	0.69	19
	Total	11.14	0.83	39
1	0	10.42	0.68	20
	1	9.88	0.63	20
	Total	10.15	0.71	40
2	0	10.47	0.74	20
	1	10.31	0.64	20
	Total	10.39	0.69	40
3	0	10.06	0.84	19
	1	9.73	0.89	18
	Total	9.90	0.87	37
Total	0	10.57	0.91	79
	1	10.22	0.85	77
	Total	10.40	0.90	156

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: BLm

Source	Sig.	P2
GROUP	0.000	
GENDER	0.005	1.000
GROUP * GENDER	0.735	

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: BLm

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.99	0.17	0.000	0.000
	2	0.74	0.17	0.000	0.043
	3	1.24	0.18	0.000	0.000
1	2	-0.24	0.17	0.932	1.000
	3	0.25	0.17	0.931	1.000
2	3	0.49	0.17	0.032	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

Tooth: U7
 Table 4
 Descriptive Statistics
 Dependent Variable: BL.M

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.98	0.67	13
	1	10.34	0.93	12
	Total	10.67	0.85	25
1	0	9.76	0.57	17
	1	9.37	0.64	17
	Total	9.56	0.63	34
2	0	10.02	0.85	13
	1	9.72	1.23	9
	Total	9.89	1.00	22
3	0	9.79	0.73	8
	1	9.73	0.88	8
	Total	9.76	0.78	16
Total	0	10.14	0.85	51
	1	9.75	0.95	46
	Total	9.96	0.91	97

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: BL.M

Source	Sig.	P2
GROUP	0.000	
GENDER	0.042	1.000
GROUP * GENDER	0.701	

Table 6
 Multiple Comparisons
 Dependent Variable: BL.M
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.11	0.21	0.000	0.002
	2	0.78	0.23	0.008	1.000
	3	0.91	0.26	0.004	0.920
1	2	-0.33	0.22	0.795	1.000
	3	-0.20	0.24	1.000	1.000
2	3	0.13	0.26	1.000	1.000

Tooth: L6
 Table 7
 Descriptive Statistics
 Dependent Variable: BL.M

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.67	0.63	20
	1	10.24	0.70	18
	Total	10.47	0.69	38
1	0	9.79	0.47	20
	1	9.44	0.46	20
	Total	9.62	0.49	40
2	0	10.06	0.59	20
	1	9.70	0.41	20
	Total	9.88	0.53	40
3	0	9.71	0.73	19
	1	9.77	0.68	19
	Total	9.74	0.69	38
Total	0	10.06	0.71	79
	1	9.78	0.63	77
	Total	9.92	0.68	156

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: BL.M

Source	Sig.	P2
GROUP	0.000	
GENDER	0.005	1.000
GROUP * GENDER	0.252	

Table 9
 Multiple Comparisons
 Dependent Variable: BL.M
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.85	0.13	0.000	0.000
	2	0.58	0.13	0.000	0.038
	3	0.72	0.14	0.000	0.001
1	2	-0.27	0.13	0.277	1.000
	3	-0.13	0.13	1.000	1.000
2	3	0.14	0.13	1.000	1.000

Tooth: L7
 Table 10
 Descriptive Statistics
 Dependent Variable: BL.M

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.45	0.62	14
	1	10.15	0.63	11
	Total	10.32	0.63	25
1	0	9.40	0.55	10
	1	9.03	0.40	17
	Total	9.17	0.49	27
2	0	9.79	0.87	10
	1	9.45	0.85	6
	Total	9.66	0.85	16
3	0	9.84	0.97	5
	1	9.08	0.67	5
	Total	9.46	0.88	10
Total	0	9.93	0.81	39
	1	9.42	0.74	39
	Total	9.68	0.82	78

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: BL.M

Source	Sig.	P2
GROUP	0.000	
GENDER	0.009	1.000
GROUP * GENDER	0.820	

Table 12
 Multiple Comparisons
 Dependent Variable: BL.M
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.15	0.18	0.000	0.000
	2	0.66	0.21	0.015	1.000
	3	0.86	0.25	0.005	1.000
1	2	-0.49	0.21	0.124	1.000
	3	-0.29	0.24	1.000	1.000
2	3	0.20	0.27	1.000	1.000

Appendix 17

Dependent variable BLd (proportional buccolingual dimension, occlusal view)

Tooth: U6

Table 1: Descriptive Statistics

Dependent Variable: BLd

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.83	0.67	20
	1	10.71	0.68	19
	Total	10.77	0.67	39
1	0	9.99	0.40	20
	1	9.65	0.38	20
	Total	9.82	0.42	40
2	0	10.09	0.51	20
	1	9.84	0.58	20
	Total	9.97	0.55	40
3	0	9.72	0.73	19
	1	9.62	0.75	18
	Total	9.67	0.73	37
Total	0	10.16	0.71	79
	1	9.95	0.74	77
	Total	10.06	0.73	156

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: BLd

Source	Sig.	P2
GROUP	0.000	
GENDER	0.034	1.000
GROUP * GENDER	0.771	

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: BLd

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.95	0.13	0.000	0.000
	2	0.81	0.13	0.000	0.000
	3	1.10	0.14	0.000	0.000
1	2	-0.15	0.13	1.000	1.000
	3	0.15	0.14	1.000	1.000
2	3	0.29	0.14	0.207	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: U7
 Table 4
 Descriptive Statistics
 Dependent Variable: BL.D

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.38	0.78	13
	1	10.27	0.86	12
	Total	10.32	0.80	25
1	0	9.26	0.74	17
	1	9.12	0.53	17
	Total	9.19	0.64	34
2	0	9.81	0.87	13
	1	9.02	0.91	9
	Total	9.49	0.95	22
3	0	9.30	0.31	8
	1	9.09	0.92	8
	Total	9.19	0.67	16
Total	0	9.69	0.86	51
	1	9.40	0.91	46
	Total	9.55	0.89	97

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: BL.D

Source	Sig.	P2
GROUP	0.000	
GENDER	0.058	1.000
GROUP * GENDER	0.384	

Table 6
 Multiple Comparisons
 Dependent Variable: BL.D
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.14	0.20	0.000	0.000
	2	0.84	0.22	0.002	0.453
	3	1.13	0.24	0.000	0.017
1	2	-0.30	0.21	0.918	1.000
	3	0.00	0.23	1.000	1.000
2	3	0.29	0.25	1.000	1.000

Tooth: L6
 Table 7
 Descriptive Statistics
 Dependent Variable: BL.D

GROUP	GENDER	Mean	Std. Deviation	N
0	0	10.37	0.61	20
	1	9.96	0.60	18
	Total	10.18	0.63	38
1	0	9.56	0.54	20
	1	9.16	0.51	20
	Total	9.36	0.56	40
2	0	9.58	0.59	20
	1	9.44	0.45	20
	Total	9.51	0.52	40
3	0	9.37	0.89	19
	1	9.43	0.64	19
	Total	9.40	0.77	38
Total	0	9.72	0.76	79
	1	9.48	0.61	77
	Total	9.60	0.70	156

Table 8
 Tests of Between-Subjects Effects
 Dependent Variable: BL.D

Source	Sig.	P2
GROUP	0.000	
GENDER	0.024	1.000
GROUP * GENDER	0.272	

Table 9
 Multiple Comparisons
 Dependent Variable: BL.D
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.82	0.14	0.000	0.000
	2	0.67	0.14	0.000	0.007
	3	0.78	0.14	0.000	0.000
1	2	-0.15	0.14	1.000	1.000
	3	-0.04	0.14	1.000	1.000
2	3	0.11	0.14	1.000	1.000

Tooth: L7
 Table 10
 Descriptive Statistics
 Dependent Variable: BL.D

GROUP	GENDER	Mean	Std. Deviation	N
0	0	9.82	0.93	14
	1	9.66	0.73	11
	Total	9.75	0.83	25
1	0	8.90	0.76	10
	1	8.62	0.56	17
	Total	8.72	0.64	27
2	0	9.12	0.72	10
	1	8.94	0.94	6
	Total	9.05	0.78	16
3	0	8.84	0.36	5
	1	8.82	0.68	5
	Total	8.83	0.51	10
Total	0	9.28	0.86	39
	1	8.99	0.80	39
	Total	9.13	0.84	78

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: BL.D

Source	Sig.
GROUP	0.000
GENDER	0.378
GROUP * GENDER	0.972

Table 12
 Multiple Comparisons
 Dependent Variable: BL.D
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	1.03	0.20	0.000	0.006
	2	0.69	0.24	0.027	1.000
	3	0.92	0.28	0.008	1.000
1	2	-0.33	0.23	0.934	1.000
	3	-0.11	0.27	1.000	1.000
2	3	0.23	0.30	1.000	1.000

Appendix 18

Dependent variable Do (distance between MDo and buccal outline, occlusal view)

Tooth: 11

Table 1: Descriptive Statistics

Dependent Variable: Do

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.23	0.59	20
	1	3.16	0.56	19
	Total	3.19	0.57	39
1	0	2.52	0.33	19
	1	2.65	0.44	20
	Total	2.59	0.39	39
2	0	3.06	0.65	19
	1	2.77	0.36	20
	Total	2.91	0.54	39
3	0	2.73	0.56	20
	1	2.70	0.34	20
	Total	2.71	0.45	40
Total	0	2.89	0.60	78
	1	2.81	0.47	79
	Total	2.85	0.54	157

Table 2: Two-way ANOVA

Tests of Between-Subjects Effects

Dependent Variable: Do

Source	Sig.
GROUP	0.000
GENDER	0.414
GROUP * GENDER	0.301

Table 3: Multiple Comparisons

Post-hoc-tests

Dependent Variable: Do

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.61	0.11	0.000	0.000
	2	0.29	0.11	0.068	1.000
	3	0.48	0.11	0.000	0.042
1	2	-0.32	0.11	0.028	1.000
	3	-0.13	0.11	1.000	1.000
2	3	0.20	0.11	0.480	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values > 1 are quoted as 1.000.

Tooth: 21
 Table 4
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.38	0.63	19
	1	3.29	0.53	20
	Total	3.33	0.57	39
1	0	2.68	0.35	18
	1	2.83	0.64	20
	Total	2.76	0.52	38
2	0	2.94	0.49	20
	1	2.78	0.29	20
	Total	2.86	0.41	40
3	0	2.77	0.55	20
	1	2.72	0.28	20
	Total	2.74	0.43	40
Total	0	2.94	0.57	77
	1	2.90	0.51	80
	Total	2.92	0.54	157

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.647
GROUP * GENDER	0.549

Table 6
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.58	0.11	0.000	0.001
	2	0.47	0.11	0.000	0.048
	3	0.59	0.11	0.000	0.000
1	2	-0.10	0.11	1.000	1.000
	3	0.01	0.11	1.000	1.000
2	3	0.12	0.11	1.000	1.000

Tooth: 12
 Table 7
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.14	0.31	18
	1	2.91	0.48	20
	Total	3.02	0.42	38
1	0	2.25	0.27	6
	1	2.41	0.18	10
	Total	2.35	0.22	16
2	0	2.55	0.65	9
	1	2.41	0.20	11
	Total	2.47	0.45	20
3	0	2.67	0.32	7
	1	2.34	0.14	8
	Total	2.49	0.29	15
Total	0	2.79	0.52	40
	1	2.60	0.42	49
	Total	2.69	0.47	89

Table 8

Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.111
GROUP * GENDER	0.271

Table 9
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.67	0.11	0.000	0.000
	2	0.54	0.10	0.000	0.002
	3	0.53	0.11	0.000	0.022
1	2	-0.13	0.12	1.000	1.000
	3	-0.14	0.13	1.000	1.000
2	3	-0.02	0.13	1.000	1.000

Tooth: 22
 Table 10
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.09	0.56	18
	1	2.98	0.52	19
	Total	3.03	0.53	37
1	0	2.45	0.42	5
	1	2.43	0.13	13
	Total	2.44	0.23	18
2	0	2.65	0.31	10
	1	2.43	0.28	11
	Total	2.54	0.31	21
3	0	2.61	0.43	6
	1	2.69	0.40	7
	Total	2.65	0.40	13
Total	0	2.82	0.53	39
	1	2.68	0.45	50
	Total	2.74	0.49	89

Table 11
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.501
GROUP * GENDER	0.782

Table 12
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.60	0.12	0.000	0.009
	2	0.50	0.12	0.000	0.083
	3	0.38	0.14	0.038	1.000
1	2	-0.10	0.14	1.000	1.000
	3	-0.21	0.16	1.000	1.000
2	3	-0.11	0.15	1.000	1.000

Tooth: 13
 Table 13
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.22	0.73	15
	1	3.77	0.51	9
	Total	4.05	0.68	24
1	0	3.32	0.29	15
	1	3.29	0.31	14
	Total	3.31	0.29	29
2	0	3.51	0.60	9
	1	3.41	0.30	13
	Total	3.45	0.44	22
3	0	3.15	0.58	8
	1	3.46	0.38	10
	Total	3.32	0.49	18
Total	0	3.61	0.70	47
	1	3.46	0.39	46
	Total	3.54	0.57	93

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.524
GROUP * GENDER	0.107

Table 15
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.75	0.13	0.000	0.000
	2	0.60	0.14	0.000	0.091
	3	0.73	0.15	0.000	0.007
1	2	-0.15	0.14	1.000	1.000
	3	-0.01	0.14	1.000	1.000
2	3	0.13	0.15	1.000	1.000

Tooth: 23
 Table 16
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.35	0.64	13
	1	3.87	0.40	14
	Total	4.10	0.57	27
1	0	3.40	0.39	14
	1	3.27	0.40	14
	Total	3.33	0.39	28
2	0	3.58	0.67	9
	1	3.43	0.33	14
	Total	3.49	0.48	23
3	0	3.17	0.72	6
	1	3.29	0.38	11
	Total	3.25	0.51	17
Total	0	3.70	0.73	42
	1	3.47	0.44	53
	Total	3.57	0.59	95

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.127
GROUP * GENDER	0.250

Table 18
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.77	0.13	0.000	0.000
	2	0.62	0.14	0.000	0.033
	3	0.85	0.15	0.000	0.000
1	2	-0.15	0.14	1.000	1.000
	3	0.08	0.15	1.000	1.000
2	3	0.24	0.15	0.756	1.000

Tooth: 14
 Table 19
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.09	0.70	18
	1	4.01	0.52	19
	Total	4.05	0.60	37
1	0	3.80	0.42	19
	1	3.76	0.32	20
	Total	3.78	0.37	39
2	0	3.58	0.41	14
	1	3.76	0.45	18
	Total	3.68	0.43	32
3	0	3.58	0.29	11
	1	3.24	0.24	6
	Total	3.46	0.32	17
Total	0	3.79	0.53	62
	1	3.79	0.46	63
	Total	3.79	0.50	125

Table 20
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.450
GROUP * GENDER	0.322

Table 21
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.27	0.11	0.068	1.000
	2	0.37	0.11	0.007	1.000
	3	0.59	0.14	0.000	0.039
1	2	0.10	0.11	1.000	1.000
	3	0.32	0.13	0.109	1.000
2	3	0.22	0.14	0.677	1.000

Tooth: 24
 Table 22
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.09	0.58	18
	1	4.04	0.58	20
	Total	4.07	0.57	38
1	0	3.78	0.42	19
	1	3.81	0.34	19
	Total	3.80	0.37	38
2	0	3.64	0.48	15
	1	3.84	0.32	19
	Total	3.75	0.41	34
3	0	3.50	0.43	11
	1	3.46	0.24	4
	Total	3.49	0.38	15
Total	0	3.79	0.52	63
	1	3.87	0.44	62
	Total	3.83	0.48	125

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.001
GENDER	0.707
GROUP * GENDER	0.673

Table 24
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.27	0.10	0.071	1.000
	2	0.31	0.11	0.026	1.000
	3	0.58	0.14	0.000	0.105
1	2	0.05	0.11	1.000	1.000
	3	0.31	0.14	0.172	1.000
2	3	0.26	0.14	0.398	1.000

Tooth: 15
 Table 25
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.02	0.48	20
	1	4.02	0.46	17
	Total	4.02	0.46	37
1	0	3.78	0.44	19
	1	3.85	0.41	16
	Total	3.81	0.42	35
2	0	3.45	0.34	9
	1	3.78	0.48	4
	Total	3.55	0.40	13
3	0	3.66	0.46	6
	1	3.21	0.33	4
	Total	3.48	0.45	10
Total	0	3.80	0.47	54
	1	3.85	0.48	41

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.001
GENDER	0.927
GROUP * GENDER	0.248

Table 27
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.21	0.10	0.299	1.000
	2	0.47	0.14	0.008	1.000
	3	0.54	0.16	0.005	1.000
1	2	0.26	0.14	0.411	1.000
	3	0.34	0.16	0.208	1.000
2	3	0.07	0.18	1.000	1.000

Tooth: 25
 Table 28
 Descriptive Statistics
 Dependent Variable: Do

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.09	0.44	20
	1	4.08	0.38	19
	Total	4.08	0.41	39
1	0	3.78	0.41	19
	1	3.87	0.42	16
	Total	3.82	0.41	35
2	0	3.42	0.49	9
	1	3.91	0.36	5
	Total	3.59	0.50	14
3	0	3.67	0.23	9
	1	3.20	0.26	4
	Total	3.52	0.32	13
Total	0	3.81	0.47	57
	1	3.90	0.45	44
	Total	3.85	0.46	101

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: Do

Source	Sig.
GROUP	0.000
GENDER	0.795
GROUP * GENDER	0.039

Table 30
 Multiple Comparisons
 Dependent Variable: Do
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.30	0.13	0.350	1.000
	Mmoderat	0.67	0.16	0.001	0.340
	Msevere	0.42	0.16	0.188	1.000
Mmild	Fcontrol	0.01	0.13	1.000	1.000
	Mmoderat	0.37	0.16	0.430	1.000
	Msevere	0.11	0.16	1.000	1.000
Mmoderat	Fmild	-0.09	0.14	1.000	1.000
	Msevere	-0.25	0.19	1.000	1.000
	Fmoderat	-0.49	0.22	0.515	1.000
Msevere	Fsevere	0.47	0.24	0.877	1.000
	Fcontrol	0.21	0.14	1.000	1.000
	Fmoderat	0.17	0.20	1.000	1.000
Fcontrol	Fsevere	0.88	0.22	0.002	0.592
	Fmild	-0.04	0.21	1.000	1.000
	Fmoderat	0.67	0.23	0.058	1.000
Fmild	Fsevere	0.71	0.27	0.165	1.000
	Fmoderat	0.71	0.27	0.165	1.000

Tooth: 16
 Table 31
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.01	0.46	20
	1	4.96	0.57	19
	Total	4.99	0.51	39
1	0	4.79	0.35	20
	1	4.57	0.37	19
	Total	4.68	0.37	39
2	0	4.70	0.45	20
	1	4.91	0.32	19
	Total	4.81	0.40	39
3	0	4.76	0.67	18
	1	4.48	0.55	17
	Total	4.63	0.62	35
Total	0	4.82	0.49	78
	1	4.74	0.50	74
	Total	4.78	0.50	152

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.007
GENDER	0.266
GROUP * GENDER	0.115

Table 33
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.30	0.11	0.036	1.000
	2	0.18	0.11	0.587	1.000
	3	0.36	0.11	0.010	1.000
1	2	-0.12	0.11	1.000	1.000
	3	0.06	0.11	1.000	1.000
2	3	0.18	0.11	0.672	1.000

Tooth: 26
 Table 34
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.10	0.46	20
	1	4.88	0.54	19
	Total	4.99	0.51	39
1	0	4.64	0.31	20
	1	4.64	0.47	19
	Total	4.64	0.39	39
2	0	4.56	0.67	20
	1	4.76	0.56	20
	Total	4.66	0.62	40
3	0	4.59	0.48	19
	1	4.37	0.45	17
	Total	4.48	0.47	36
Total	0	4.72	0.53	79
	1	4.67	0.53	75
	Total	4.70	0.53	154

Table 35
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.470
GROUP * GENDER	0.201

Table 36
 Multiple Comparisons
 Dependent Variable: D.O

Bonferroni					
(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.35	0.11	0.016	1.000
	2	0.33	0.11	0.022	1.000
	3	0.51	0.12	0.000	0.038
1	2	-0.02	0.11	1.000	1.000
	3	0.16	0.12	1.000	1.000
2	3	0.17	0.12	0.805	1.000

Tooth: 17
 Table 37
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.92	0.44	9
	1	4.57	0.54	9
	Total	4.74	0.51	18
1	0	4.45	0.43	14
	1	4.48	0.46	15
	Total	4.46	0.44	29
2	0	4.83	0.52	11
	1	4.66	0.46	9
	Total	4.75	0.49	20
3	0	4.81	0.76	7
	1	4.54	0.15	5
	Total	4.70	0.58	12
Total	0	4.72	0.54	41
	1	4.55	0.45	38
	Total	4.64	0.50	79

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.152
GENDER	0.110
GROUP * GENDER	0.583

Tooth: 27
 Table 39
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.73	0.24	11
	1	4.66	0.48	10
	Total	4.70	0.37	21
1	0	4.47	0.35	14
	1	4.47	0.42	16
	Total	4.47	0.38	30
2	0	4.79	0.50	13
	1	4.94	0.40	6
	Total	4.84	0.47	19
3	0	4.63	0.53	8
	1	4.31	0.63	6
	Total	4.49	0.58	14
Total	0	4.65	0.42	46
	1	4.57	0.49	38
	Total	4.61	0.45	84

Table 40
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.018
GENDER	0.541
GROUP * GENDER	0.497

Table 41
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.23	0.12	0.435	1.000
	2	-0.14	0.14	1.000	1.000
	3	0.20	0.15	1.000	1.000
1	2	-0.37	0.13	0.034	1.000
	3	-0.02	0.14	1.000	1.000
2	3	0.34	0.15	0.178	1.000

Tooth: 31
 Table 42
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.72	0.32	18
	1	2.58	0.45	19
	Total	2.65	0.39	37
1	0	2.14	0.34	18
	1	2.26	0.29	19
	Total	2.20	0.31	37
2	0	2.42	0.46	16
	1	2.35	0.28	15
	Total	2.38	0.38	31
3	0	2.16	0.56	9
	1	2.28	0.29	10
	Total	2.22	0.43	19
Total	0	2.39	0.46	61
	1	2.38	0.36	63
	Total	2.38	0.41	124

Table 43
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.921
GROUP * GENDER	0.435

Table 44
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.45	0.09	0.000	0.002
	2	0.26	0.09	0.029	1.000
	3	0.43	0.11	0.001	0.158
1	2	-0.18	0.09	0.281	1.000
	3	-0.02	0.11	1.000	1.000
2	3	0.16	0.11	0.816	1.000

Tooth: 41
 Table 45
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.77	0.37	18
	1	2.50	0.37	19
	Total	2.63	0.39	37
1	0	2.21	0.35	19
	1	2.07	0.21	19
	Total	2.14	0.29	38
2	0	2.53	0.44	14
	1	2.37	0.16	18
	Total	2.44	0.32	32
3	0	2.03	0.52	8
	1	2.30	0.36	13
	Total	2.19	0.43	21
Total	0	2.43	0.48	59
	1	2.31	0.32	69
	Total	2.36	0.41	128

Table 46
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.243
GROUP * GENDER	0.048

Table 47
 Multiple Comparisons
 Dependent Variable: D.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.56	0.11	0.000	0.009
	Mmoderat	0.24	0.12	0.867	1.000
	Msevere	0.74	0.15	0.000	0.006
	Fcontrol	0.27	0.11	0.308	1.000
Mmild	Mmoderat	-0.32	0.12	0.132	1.000
	Msevere	0.18	0.14	1.000	1.000
	Fmild	0.14	0.11	1.000	1.000
Mmoderat	Msevere	0.50	0.15	0.021	1.000
	Fmoderat	0.16	0.12	1.000	1.000
Msevere	Fsevere	-0.27	0.15	1.000	1.000
Fcontrol	Fmild	0.43	0.11	0.003	0.725
	Fmoderat	0.13	0.11	1.000	1.000
	Fsevere	0.20	0.12	1.000	1.000
Fmild	Fmoderat	-0.30	0.11	1.000	1.000
	Fsevere	-0.23	0.12	1.000	1.000
Fmoderat	Fsevere	0.08	0.12	1.000	1.000

Tooth: 32
 Table 48
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.83	0.62	18
	1	2.76	0.40	20
	Total	2.79	0.51	38
1	0	2.23	0.34	19
	1	2.23	0.38	20
	Total	2.23	0.36	39
2	0	2.53	0.41	17
	1	2.40	0.26	20
	Total	2.46	0.34	37
3	0	2.32	0.56	15
	1	2.41	0.38	15
	Total	2.36	0.47	30
Total	0	2.48	0.53	69
	1	2.45	0.41	75
	Total	2.47	0.47	144

Table 49
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.728
GROUP * GENDER	0.757

Table 50
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.56	0.10	0.000	0.000
	2	0.33	0.10	0.006	1.000
	3	0.43	0.10	0.000	0.098
1	2	-0.23	0.10	0.133	1.000
	3	-0.13	0.10	1.000	1.000
2	3	0.10	0.10	1.000	1.000

Tooth: 42
 Table 51
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	2.74	0.61	19
	1	2.73	0.44	20
	Total	2.73	0.52	39
1	0	2.30	0.28	19
	1	2.30	0.30	20
	Total	2.30	0.29	39
2	0	2.53	0.48	16
	1	2.47	0.21	19
	Total	2.50	0.35	35
3	0	2.33	0.57	14
	1	2.46	0.51	15
	Total	2.40	0.53	29
Total	0	2.48	0.52	68
	1	2.49	0.40	74
	Total	2.49	0.46	142

Table 52
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.809
GROUP * GENDER	0.838

Table 53
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.44	0.10	0.000	0.034
	2	0.24	0.10	0.133	1.000
	3	0.34	0.11	0.013	1.000
1	2	-0.20	0.10	0.306	1.000
	3	-0.10	0.11	1.000	1.000
2	3	0.10	0.11	1.000	1.000

Tooth: 33
 Table 54
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.73	0.70	13
	1	3.41	0.50	17
	Total	3.55	0.60	30
1	0	3.24	0.40	16
	1	3.09	0.40	19
	Total	3.16	0.40	35
2	0	3.49	0.50	17
	1	3.28	0.20	14
	Total	3.39	0.40	31
3	0	3.10	0.50	15
	1	3.13	0.40	15
	Total	3.11	0.50	30
Total	0	3.38	0.60	61
	1	3.23	0.40	65
	Total	3.30	0.50	126

Table 55
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.	P2
GROUP	0.001	
GENDER	0.066	1.000
GROUP * GENDER	0.560	

Table 56
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.39	0.12	0.008	1.000
	2	0.16	0.12	1.000	1.000
	3	0.44	0.12	0.003	0.908
1	2	-0.23	0.12	0.301	1.000
	3	0.05	0.12	1.000	1.000
2	3	0.28	0.12	0.144	1.000

Tooth: 43
 Table 57
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	3.74	0.50	16
	1	3.52	0.60	12
	Total	3.65	0.60	28
1	0	3.28	0.50	16
	1	3.14	0.30	17
	Total	3.21	0.40	33
2	0	3.45	0.50	17
	1	3.21	0.20	15
	Total	3.34	0.40	32
3	0	3.20	0.50	14
	1	3.02	0.50	16
	Total	3.11	0.50	30
Total	0	3.43	0.60	63
	1	3.20	0.40	60
	Total	3.32	0.50	123

Table 58
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.023	1.000
GROUP * GENDER	0.971	

Table 59
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.44	0.12	0.003	0.768
	2	0.31	0.12	0.078	1.000
	3	0.54	0.12	0.000	0.049
1	2	-0.13	0.12	1.000	1.000
	3	0.10	0.12	1.000	1.000
2	3	0.23	0.12	0.345	1.000

Tooth: 34
 Table 60
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.24	0.43	19
	1	3.95	0.43	19
	Total	4.10	0.45	38
1	0	3.75	0.58	19
	1	3.71	0.31	20
	Total	3.73	0.46	39
2	0	4.00	0.56	16
	1	3.67	0.26	20
	Total	3.82	0.45	36
3	0	3.51	0.47	13
	1	3.42	0.46	10
	Total	3.47	0.46	23
Total	0	3.90	0.57	67
	1	3.72	0.39	69
	Total	3.81	0.49	136

Table 61
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.	P2
GROUP	0.000	
GENDER	0.019	1.000
GROUP * GENDER	0.453	

Table 62
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.37	0.10	0.002	0.627
	2	0.28	0.10	0.046	1.000
	3	0.63	0.12	0.000	0.001
1	2	-0.09	0.10	1.000	1.000
	3	0.26	0.12	0.167	1.000
2	3	0.35	0.12	0.023	1.000

Tooth: 44
 Table 63
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.11	0.46	18
	1	3.97	0.55	19
	Total	4.04	0.51	37
1	0	3.81	0.27	18
	1	3.65	0.27	20
	Total	3.73	0.28	38
2	0	3.64	0.49	16
	1	3.85	0.24	18
	Total	3.75	0.39	34
3	0	3.61	0.45	14
	1	3.49	0.43	9
	Total	3.56	0.44	23
Total	0	3.81	0.46	66
	1	3.77	0.42	66
	Total	3.79	0.44	132

Table 64
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.459
GROUP * GENDER	0.187

Table 65
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.31	0.09	0.008	1.000
	2	0.29	0.10	0.021	1.000
	3	0.47	0.11	0.000	0.037
1	2	-0.02	0.10	1.000	1.000
	3	0.17	0.11	0.749	1.000
2	3	0.19	0.11	0.550	1.000

Tooth: 35
 Table 66
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.17	0.38	16
	1	4.12	0.49	17
	Total	4.15	0.44	33
1	0	3.82	0.43	15
	1	3.93	0.35	16
	Total	3.88	0.39	31
2	0	4.02	0.53	8
	1	3.88	0.41	6
	Total	3.96	0.47	14
3	0	3.56	0.34	5
	1	3.47	0.47	4
	Total	3.52	0.38	9
Total	0	3.95	0.46	44
	1	3.96	0.46	43
	Total	3.95	0.45	87

Table 67
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.001
GENDER	0.694
GROUP * GENDER	0.770

Table 68
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.27	0.11	0.080	1.000
	2	0.19	0.14	1.000	1.000
	3	0.63	0.16	0.001	0.322
1	2	-0.08	0.14	1.000	1.000
	3	0.36	0.16	0.184	1.000
2	3	0.44	0.18	0.114	1.000

Tooth: 45
 Table 69
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.36	0.40	17
	1	4.05	0.42	17
	Total	4.21	0.43	34
1	0	3.96	0.23	15
	1	3.88	0.18	12
	Total	3.92	0.21	27
2	0	3.66	0.34	8
	1	3.77	0.44	5
	Total	3.70	0.37	13
3	0	3.58	0.50	8
	1	3.48	0.47	3
	Total	3.55	0.47	11
Total	0	3.99	0.47	48
	1	3.91	0.39	37
	Total	3.95	0.43	85

Table 70
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.000
GENDER	0.326
GROUP * GENDER	0.355

Table 71
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.28	0.09	0.022	1.000
	2	0.50	0.12	0.000	0.113
	3	0.65	0.13	0.000	0.003
1	2	0.22	0.12	0.489	1.000
	3	0.37	0.13	0.035	1.000
2	3	0.15	0.15	1.000	1.000

Tooth: 36
 Table 72
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.23	0.38	20
	1	4.82	0.43	18
	Total	5.03	0.45	38
1	0	4.90	0.27	19
	1	4.71	0.33	18
	Total	4.81	0.32	37
2	0	4.97	0.48	19
	1	5.06	0.24	19
	Total	5.01	0.38	38
3	0	4.70	0.46	17
	1	4.93	0.49	18
	Total	4.82	0.48	35
Total	0	4.96	0.44	75
	1	4.88	0.40	73
	Total	4.92	0.42	148

Table 73
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.019
GENDER	0.282
GROUP * GENDER	0.003

Table 74
 Multiple Comparisons
 Dependent Variable: D.O
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.33	0.13	0.177	1.000
	Mmoderat	0.26	0.13	0.649	1.000
	Msevere	0.53	0.13	0.001	0.313
	Fcontrol	0.41	0.13	0.027	1.000
Mmild	Mmoderat	-0.06	0.13	1.000	1.000
	Msevere	0.21	0.13	1.000	1.000
	Fmild	0.19	0.13	1.000	1.000
Mmoderat	Msevere	0.27	0.13	0.669	1.000
	Fmoderat	-0.09	0.13	1.000	1.000
Msevere	Fsevere	-0.23	0.13	1.000	1.000
Fcontrol	Fmild	0.11	0.13	1.000	1.000
	Fmoderat	-0.24	0.13	1.000	1.000
	Fsevere	-0.11	0.13	1.000	1.000
Fmild	Fmoderat	-0.35	0.13	0.127	1.000
	Fsevere	-0.22	0.13	1.000	1.000
Fmoderat	Fsevere	0.13	0.13	1.000	1.000

Tooth: 46
 Table 75
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	5.20	0.52	20
	1	4.81	0.44	17
	Total	5.02	0.52	37
1	0	4.68	0.37	19
	1	4.63	0.32	20
	Total	4.66	0.34	39
2	0	4.91	0.47	20
	1	4.87	0.37	20
	Total	4.89	0.42	40
3	0	4.66	0.52	19
	1	4.66	0.38	17
	Total	4.66	0.45	36
Total	0	4.87	0.52	78
	1	4.74	0.38	74
	Total	4.81	0.46	152

Table 76
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.	P2
GROUP	0.001	
GENDER	0.089	1.000
GROUP * GENDER	0.179	

Table 77
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.37	0.10	0.002	0.460
	2	0.13	0.10	1.000	1.000
	3	0.36	0.10	0.002	0.664
1	2	-0.23	0.10	0.102	1.000
	3	0.00	0.10	1.000	1.000
2	3	0.23	0.10	0.125	1.000

Tooth: 37
 Table 78
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.74	0.59	11
	1	4.59	0.34	10
	Total	4.67	0.48	21
1	0	4.42	0.18	5
	1	4.44	0.39	13
	Total	4.43	0.34	18
2	0	4.71	0.33	9
	1	4.77	0.34	6
	Total	4.73	0.32	15
3	0	4.42	0.38	4
	1	4.46	0.42	4
	Total	4.44	0.37	8
Total	0	4.63	0.44	29
	1	4.55	0.37	33
	Total	4.59	0.41	62

Table 79
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.123
GENDER	0.947
GROUP * GENDER	0.845

Tooth: 47
 Table 80
 Descriptive Statistics
 Dependent Variable: D.O

GROUP	GENDER	Mean	Std. Deviation	N
0	0	4.81	0.38	11
	1	4.89	0.43	8
	Total	4.84	0.39	19
1	0	4.61	0.40	8
	1	4.34	0.38	15
	Total	4.44	0.40	23
2	0	4.62	0.43	7
	1	4.29	0.37	2
	Total	4.55	0.42	9
3	0	4.76	0.57	5
	1	4.78	0.22	3
	Total	4.77	0.44	8
Total	0	4.71	0.42	31
	1	4.54	0.45	28
	Total	4.63	0.43	59

Table 81
 Tests of Between-Subjects Effects
 Dependent Variable: D.O

Source	Sig.
GROUP	0.027
GENDER	0.338
GROUP * GENDER	0.490

Table 82
 Multiple Comparisons
 Dependent Variable: D.O
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.40	0.13	0.015	1.000
	2	0.29	0.16	0.502	1.000
	3	0.07	0.17	1.000	1.000
1	2	-0.11	0.16	1.000	1.000
	3	-0.33	0.17	0.333	1.000
2	3	-0.22	0.20	1.000	1.000

Appendix 19

Dependent variable CIOM2 (crown index of occlusal morphology 2)

Tooth: 11

Table 1: Descriptive Statistics
Dependent Variable: CIOM2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.41	0.06	19
	1	0.39	0.07	19
	Total	0.40	0.07	38
1	0	0.37	0.05	19
	1	0.39	0.07	20
	Total	0.38	0.06	39
2	0	0.44	0.08	19
	1	0.40	0.06	20
	Total	0.42	0.07	39
3	0	0.41	0.09	20
	1	0.40	0.05	20
	Total	0.41	0.07	40
Total	0	0.41	0.07	77
	1	0.40	0.06	79
	Total	0.40	0.07	156

Table 2: Two-way ANOVA
Tests of Between-Subjects Effects
Dependent Variable: CIOM2

Source	Sig.
GROUP	0.030
GENDER	0.288
GROUP * GENDER	0.330

Table 3: Multiple Comparisons
Post-hoc-tests
Dependent Variable: CIOM2

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.02	0.02	1.000	1.000
	2	-0.02	0.02	0.665	1.000
	3	-0.01	0.01	1.000	1.000
1	2	-0.04	0.01	0.026	1.000
	3	-0.03	0.01	0.318	1.000
2	3	0.01	0.01	1.000	1.000

P1: Bonferroni corrected significance level accounting for multiple comparisons (n=6 for groups, or 16 for subgroups).

P2: Final adjustment of significance levels accounting for testing of multiple variables (n=266).

Significance level values >1 are quoted as 1.000.

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 Table 4
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.41	0.06	19
	1	0.41	0.07	20
	Total	0.41	0.06	39
1	0	0.40	0.05	18
	1	0.42	0.09	20
	Total	0.41	0.07	38
2	0	0.43	0.05	20
	1	0.41	0.06	20
	Total	0.42	0.05	40
3	0	0.42	0.07	20
	1	0.41	0.05	20
	Total	0.41	0.06	40
Total	0	0.42	0.06	77
	1	0.41	0.07	80
	Total	0.41	0.06	157

Table 5
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.826
GENDER	0.607
GROUP * GENDER	0.477

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Table 6

Descriptive Statistics

Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.42	0.06	18
	1	0.40	0.05	20
	Total	0.41	0.06	38
1	0	0.43	0.06	6
	1	0.48	0.14	10
	Total	0.46	0.11	16
2	0	0.43	0.10	9
	1	0.43	0.06	11
	Total	0.43	0.08	20
3	0	0.45	0.05	7
	1	0.43	0.06	8
	Total	0.44	0.05	15
Total	0	0.43	0.07	40
	1	0.43	0.08	49
	Total	0.43	0.08	89

Table 7

Tests of Between-Subjects Effects

Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.204
GENDER	0.934
GROUP * GENDER	0.445

Tooth: 22
 Table 8
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.41	0.06	18
	1	0.41	0.08	19
	Total	0.41	0.07	37
1	0	0.45	0.08	5
	1	0.43	0.04	13
	Total	0.44	0.05	18
2	0	0.46	0.07	10
	1	0.43	0.05	11
	Total	0.45	0.06	21
3	0	0.44	0.07	6
	1	0.47	0.09	7
	Total	0.46	0.08	13
Total	0	0.43	0.07	39
	1	0.43	0.07	50
	Total	0.43	0.07	89

Table 9
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.054
GENDER	0.909
GROUP * GENDER	0.617

Table 10
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.02	0.824	1.000
	2	-0.04	0.02	0.225	1.000
	3	-0.05	0.02	0.128	1.000
1	2	-0.01	0.02	1.000	1.000
	3	-0.02	0.02	1.000	1.000
2	3	-0.01	0.02	1.000	1.000

Tooth: 13

Table 11

Descriptive Statistics

Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.46	0.08	15
	1	0.44	0.06	9
	Total	0.45	0.07	24
1	0	0.44	0.04	15
	1	0.45	0.04	14
	Total	0.45	0.04	29
2	0	0.44	0.06	9
	1	0.44	0.03	13
	Total	0.44	0.04	22
3	0	0.46	0.05	8
	1	0.46	0.05	10
	Total	0.46	0.05	18
Total	0	0.45	0.06	47
	1	0.45	0.04	46
	Total	0.45	0.05	93

Table 12

Tests of Between-Subjects Effects

Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.798
GENDER	0.892
GROUP * GENDER	0.666

Tooth: 23
 Table 13
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.49	0.07	13
	1	0.44	0.04	14
	Total	0.47	0.06	27
1	0	0.43	0.03	14
	1	0.45	0.05	14
	Total	0.44	0.04	28
2	0	0.47	0.03	9
	1	0.46	0.04	14
	Total	0.46	0.03	23
3	0	0.46	0.07	6
	1	0.45	0.05	11
	Total	0.45	0.05	17
Total	0	0.46	0.06	42
	1	0.45	0.04	53
	Total	0.46	0.05	95

Table 14
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.209
GENDER	0.191
GROUP * GENDER	0.041

Table 15
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.06	0.02	0.019	1.000
	Mmoderat	0.02	0.02	1.000	1.000
	Msevere	0.04	0.02	1.000	1.000
	Fcontrol	0.06	0.02	0.048	1.000
Mmild	Mmoderat	-0.04	0.02	1.000	1.000
	Msevere	-0.03	0.02	1.000	1.000
	Fmild	-0.02	0.02	1.000	1.000
Mmoderat	Msevere	0.01	0.03	1.000	1.000
	Fmoderat	0.01	0.02	1.000	1.000
Msevere	Fsevere	0.01	0.02	1.000	1.000
Fcontrol	Fmild	-0.01	0.02	1.000	1.000
	Fmoderat	-0.02	0.02	1.000	1.000
	Fsevere	-0.01	0.02	1.000	1.000
Fmild	Fmoderat	-0.01	0.02	1.000	1.000
	Fsevere	0.00	0.02	1.000	1.000
Fmoderat	Fsevere	0.01	0.02	1.000	1.000

Tooth: 14
 Table 16
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.40	0.04	18
	1	0.40	0.04	19
	Total	0.40	0.04	37
1	0	0.43	0.03	19
	1	0.44	0.02	20
	Total	0.43	0.03	39
2	0	0.43	0.03	14
	1	0.44	0.02	18
	Total	0.43	0.03	32
3	0	0.45	0.05	11
	1	0.39	0.03	6
	Total	0.43	0.05	17
Total	0	0.42	0.04	62
	1	0.42	0.03	63
	Total	0.42	0.04	125

Table 17
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.000
GENDER	0.163
GROUP * GENDER	0.007

Table 18
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.03	0.01	0.063	1.000
	Mmoderat	-0.04	0.01	0.040	1.000
	Msevere	-0.05	0.01	0.002	0.665
	Fcontrol	-0.01	0.01	1.000	1.000
Mmild	Mmoderat	0.00	0.01	1.000	1.000
	Msevere	-0.02	0.01	1.000	1.000
	Fmild	-0.01	0.01	1.000	1.000
Mmoderat	Msevere	-0.01	0.01	1.000	1.000
	Fmoderat	0.00	0.01	1.000	1.000
Msevere	Fsevere	0.06	0.02	0.017	1.000
Fcontrol	Fmild	-0.03	0.01	0.022	1.000
	Fmoderat	-0.03	0.01	0.035	1.000
	Fsevere	0.01	0.02	1.000	1.000
Fmild	Fmoderat	0.00	0.01	1.000	1.000
	Fsevere	0.05	0.02	0.040	1.000
Fmoderat	Fsevere	0.05	0.02	0.052	1.000

Tooth: 24

Table 19

Descriptive Statistics

Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.40	0.03	18
	1	0.40	0.06	20
	Total	0.40	0.05	38
1	0	0.43	0.04	19
	1	0.44	0.02	19
	Total	0.43	0.03	38
2	0	0.44	0.05	15
	1	0.44	0.03	19
	Total	0.44	0.04	34
3	0	0.43	0.06	11
	1	0.40	0.02	4
	Total	0.42	0.05	15
Total	0	0.42	0.04	63
	1	0.42	0.04	62
	Total	0.42	0.04	125

Table 20

Tests of Between-Subjects Effects

Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.000
GENDER	0.594
GROUP * GENDER	0.439

Table 21

Multiple Comparisons

Dependent Variable: CROWN.O2

Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.009	1.000
	2	-0.04	0.01	0.000	0.107
	3	-0.02	0.01	0.485	1.000
1	2	-0.01	0.01	1.000	1.000
	3	0.01	0.01	1.000	1.000
2	3	0.02	0.01	0.955	1.000

Tooth: 15
 Table 22
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.39	0.02	20
	1	0.40	0.03	17
	Total	0.39	0.03	37
1	0	0.43	0.03	19
	1	0.43	0.02	16
	Total	0.43	0.03	35
2	0	0.43	0.03	9
	1	0.43	0.02	4
	Total	0.43	0.03	13
3	0	0.43	0.05	6
	1	0.36	0.04	4
	Total	0.40	0.05	10
Total	0	0.41	0.04	54
	1	0.41	0.04	41
	Total	0.41	0.04	95

Table 23
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.000
GENDER	0.142
GROUP * GENDER	0.013

Table 24
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.04	0.01	0.004	1.000
	Mmoderat	-0.04	0.01	0.047	1.000
	Msevere	-0.04	0.01	0.097	1.000
	Fcontrol	-0.01	0.01	1.000	1.000
Mmild	Mmoderat	0.00	0.01	1.000	1.000
	Msevere	0.00	0.01	1.000	1.000
	Fmild	0.00	0.01	1.000	1.000
Mmoderat	Msevere	0.00	0.02	1.000	1.000
	Fmoderat	0.00	0.02	1.000	1.000
Msevere	Fsevere	0.06	0.02	0.028	1.000
Fcontrol	Fmild	-0.03	0.01	0.034	1.000
	Fmoderat	-0.03	0.02	0.825	1.000
	Fsevere	0.03	0.02	0.953	1.000
Fmild	Fmoderat	0.00	0.02	1.000	1.000
	Fsevere	0.07	0.02	0.003	0.881
Fmoderat	Fsevere	0.07	0.02	0.048	1.000

Tooth: 25
 Table 25
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.39	0.03	20
	1	0.40	0.03	19
	Total	0.40	0.03	39
1	0	0.42	0.03	19
	1	0.43	0.03	16
	Total	0.43	0.03	35
2	0	0.41	0.03	9
	1	0.43	0.04	5
	Total	0.42	0.03	14
3	0	0.43	0.04	9
	1	0.40	0.00	4
	Total	0.42	0.03	13
Total	0	0.41	0.03	57
	1	0.42	0.03	44
	Total	0.41	0.03	101

Table 26
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.001
GENDER	0.711
GROUP * GENDER	0.188

Table 27
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.000	0.132
	2	-0.02	0.01	0.080	1.000
	3	-0.02	0.01	0.112	1.000
1	2	0.00	0.01	1.000	1.000
	3	0.01	0.01	1.000	1.000
2	3	0.00	0.01	1.000	1.000

Tooth: 16
 Table 28
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.41	0.02	20
	1	0.42	0.05	19
	Total	0.42	0.04	39
1	0	0.43	0.03	20
	1	0.43	0.03	19
	Total	0.43	0.03	39
2	0	0.42	0.03	20
	1	0.44	0.03	19
	Total	0.43	0.03	39
3	0	0.43	0.05	18
	1	0.42	0.04	17
	Total	0.43	0.04	35
Total	0	0.43	0.03	78
	1	0.43	0.04	74
	Total	0.43	0.04	152

Table 29
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.152
GENDER	0.912
GROUP * GENDER	0.072

Table 30
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.02	0.01	1.000	1.000
	Mmoderat	-0.01	0.01	1.000	1.000
	Msevere	-0.02	0.01	1.000	1.000
	Fcontrol	0.00	0.01	1.000	1.000
Mmild	Mmoderat	0.01	0.01	1.000	1.000
	Msevere	0.00	0.01	1.000	1.000
	Fmild	0.00	0.01	1.000	1.000
Mmoderat	Msevere	-0.01	0.01	1.000	1.000
	Fmoderat	-0.02	0.01	0.707	1.000
Msevere	Fsevere	0.02	0.01	1.000	1.000
Fcontrol	Fmild	-0.01	0.01	1.000	1.000
	Fmoderat	-0.03	0.01	0.364	1.000
	Fsevere	0.00	0.01	1.000	1.000
Fmild	Fmoderat	-0.01	0.01	1.000	1.000
	Fsevere	0.01	0.01	1.000	1.000
Fmoderat	Fsevere	0.03	0.01	0.261	1.000
Fsevere	Mcontrol	0.00	0.01	1.000	1.000

Tooth: 26
 Table 31
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.42	0.02	20
	1	0.41	0.04	19
	Total	0.42	0.03	39
1	0	0.42	0.03	20
	1	0.43	0.03	19
	Total	0.42	0.03	39
2	0	0.40	0.04	20
	1	0.44	0.05	20
	Total	0.42	0.05	40
3	0	0.42	0.03	19
	1	0.41	0.03	17
	Total	0.42	0.03	36
Total	0	0.42	0.03	79
	1	0.42	0.04	75
	Total	0.42	0.03	154

Table 32
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.722
GENDER	0.270
GROUP * GENDER	0.046

Table 33
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.00	0.01	1.000	1.000
	Mmoderat	0.02	0.01	1.000	1.000
	Msevere	0.00	0.01	1.000	1.000
	Fcontrol	0.01	0.01	1.000	1.000
Mmild	Mmoderat	0.01	0.01	1.000	1.000
	Msevere	0.00	0.01	1.000	1.000
	Fmild	-0.01	0.01	1.000	1.000
Mmoderat	Msevere	-0.01	0.01	1.000	1.000
	Fmoderat	-0.03	0.01	0.078	1.000
Msevere	Fsevere	0.01	0.01	1.000	1.000
Fcontrol	Fmild	-0.01	0.01	1.000	1.000
	Fmoderat	-0.02	0.01	0.761	1.000
	Fsevere	0.00	0.01	1.000	1.000
Fmild	Fmoderat	-0.01	0.01	1.000	1.000
	Fsevere	0.02	0.01	1.000	1.000
Fmoderat	Fsevere	0.02	0.01	0.489	1.000

Tooth: 17

Table 34

Descriptive Statistics

Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.41	0.02	9
	1	0.40	0.03	9
	Total	0.40	0.03	18
1	0	0.41	0.03	14
	1	0.43	0.03	15
	Total	0.42	0.03	29
2	0	0.43	0.03	11
	1	0.45	0.02	9
	Total	0.44	0.02	20
3	0	0.44	0.05	7
	1	0.41	0.02	5
	Total	0.43	0.04	12
Total	0	0.42	0.03	41
	1	0.42	0.03	38
	Total	0.42	0.03	79

Table 35

Tests of Between-Subjects Effects

Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.001
GENDER	0.723
GROUP * GENDER	0.046

Table 36

Multiple Comparisons

Dependent Variable: CROWN.O2

LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	0.00	0.01	1.000	1.000
	Mmoderat	-0.03	0.01	0.865	1.000
	Msevere	-0.04	0.02	0.345	1.000
Mmild	Fcontrol	0.01	0.01	1.000	1.000
	Mmoderat	-0.02	0.01	1.000	1.000
	Msevere	-0.03	0.01	0.397	1.000
Mmoderat	Fmild	-0.02	0.01	1.000	1.000
	Msevere	-0.01	0.01	1.000	1.000
	Fmoderat	-0.02	0.01	1.000	1.000
Msevere	Fsevere	0.03	0.02	1.000	1.000
	Fcontrol	-0.04	0.01	0.101	1.000
	Fmoderat	-0.05	0.01	0.004	1.000
Fcontrol	Fsevere	-0.02	0.02	1.000	1.000
	Fmild	-0.02	0.01	1.000	1.000
	Fmoderat	-0.02	0.01	1.000	1.000
Fmild	Fsevere	0.02	0.02	1.000	1.000
	Fmoderat	0.02	0.02	1.000	1.000
	Fsevere	0.04	0.02	0.339	1.000

Tooth: 27
 Table 37
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.40	0.02	11
	1	0.41	0.02	10
	Total	0.40	0.02	21
1	0	0.41	0.02	14
	1	0.42	0.02	16
	Total	0.42	0.02	30
2	0	0.43	0.03	13
	1	0.45	0.04	6
	Total	0.44	0.03	19
3	0	0.43	0.04	8
	1	0.41	0.05	6
	Total	0.42	0.04	14
Total	0	0.42	0.03	46
	1	0.42	0.03	38
	Total	0.42	0.03	84

Table 38
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.008
GENDER	0.575
GROUP * GENDER	0.271

Table 39
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.01	0.01	0.569	1.000
	2	-0.03	0.01	0.006	1.000
	3	-0.02	0.01	0.357	1.000
1	2	-0.02	0.01	0.276	1.000
	3	-0.01	0.01	1.000	1.000
2	3	0.01	0.01	1.000	1.000

Tooth: 31
 Table 40
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.39	0.05	18
	1	0.38	0.06	19
	Total	0.38	0.06	37
1	0	0.37	0.07	18
	1	0.39	0.06	19
	Total	0.38	0.06	37
2	0	0.39	0.07	16
	1	0.40	0.05	15
	Total	0.39	0.06	31
3	0	0.40	0.08	9
	1	0.37	0.05	10
	Total	0.39	0.07	19
Total	0	0.38	0.07	61
	1	0.39	0.06	63
	Total	0.38	0.06	124

Table 41
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.765
GENDER	0.939
GROUP * GENDER	0.555

Tooth: 41
 Table 42
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.39	0.06	18
	1	0.37	0.05	19
	Total	0.38	0.06	37
1	0	0.37	0.06	19
	1	0.36	0.05	19
	Total	0.36	0.05	38
2	0	0.42	0.09	14
	1	0.40	0.04	18
	Total	0.41	0.06	32
3	0	0.37	0.09	8
	1	0.39	0.05	13
	Total	0.38	0.07	21
Total	0	0.39	0.07	59
	1	0.38	0.05	69
	Total	0.38	0.06	128

Table 43
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.012
GENDER	0.341
GROUP * GENDER	0.674

Table 44
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.02	0.01	1.000	1.000
	2	-0.03	0.01	0.296	1.000
	3	0.00	0.02	1.000	1.000
1	2	-0.05	0.01	0.008	1.000
	3	-0.02	0.02	1.000	1.000
2	3	0.03	0.02	0.645	1.000

Tooth: 32
 Table 45
 Descriptive Statistics
 Dependent Variable: CROWN O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.39	0.07	18
	1	0.39	0.06	20
	Total	0.39	0.06	38
1	0	0.36	0.06	19
	1	0.37	0.06	20
	Total	0.36	0.06	39
2	0	0.41	0.07	17
	1	0.39	0.04	20
	Total	0.40	0.05	37
3	0	0.41	0.07	15
	1	0.39	0.07	15
	Total	0.40	0.07	30
Total	0	0.39	0.07	69
	1	0.38	0.06	75
	Total	0.39	0.06	144

Table 46
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.041
GENDER	0.305
GROUP * GENDER	0.642

Table 47
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.02	0.01	0.517	1.000
	2	-0.01	0.01	1.000	1.000
	3	-0.01	0.01	1.000	1.000
1	2	-0.03	0.01	0.112	1.000
	3	-0.04	0.01	0.081	1.000
2	3	0.00	0.01	1.000	1.000

Tooth: 42

Table 48

Descriptive Statistics

Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.38	0.07	19
	1	0.38	0.05	20
	Total	0.38	0.06	39
1	0	0.37	0.05	19
	1	0.38	0.06	20
	Total	0.37	0.05	39
2	0	0.41	0.07	16
	1	0.41	0.04	19
	Total	0.41	0.06	35
3	0	0.39	0.07	14
	1	0.42	0.07	15
	Total	0.41	0.07	29
Total	0	0.39	0.07	68
	1	0.39	0.06	74
	Total	0.39	0.06	142

Table 49

Tests of Between-Subjects Effects

Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.037
GENDER	0.443
GROUP * GENDER	0.813

Table 50

Multiple Comparisons

Dependent Variable: CROWN.O2

Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	0.00	0.01	1.000	1.000
	2	-0.03	0.01	0.298	1.000
	3	-0.03	0.01	0.368	1.000
1	2	-0.03	0.01	0.142	1.000
	3	-0.03	0.01	0.186	1.000
2	3	0.00	0.02	1.000	1.000

Tooth: 33

Table 51

Descriptive Statistics

Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.45	0.10	13
	1	0.45	0.10	17
	Total	0.45	0.10	30
1	0	0.46	0.10	16
	1	0.45	0.10	19
	Total	0.46	0.10	35
2	0	0.49	0.10	17
	1	0.47	0.00	14
	Total	0.48	0.10	31
3	0	0.48	0.10	15
	1	0.47	0.10	14
	Total	0.47	0.10	29
Total	0	0.47	0.10	61
	1	0.46	0.10	64
	Total	0.47	0.10	125

Table 52

Tests of Between-Subjects Effects

Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.198
GENDER	0.445
GROUP * GENDER	0.915

Tooth: 43
 Table 53
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.45	0.10	16
	1	0.45	0.10	12
	Total	0.45	0.10	28
1	0	0.48	0.10	16
	1	0.47	0.00	17
	Total	0.47	0.10	33
2	0	0.49	0.10	17
	1	0.46	0.00	15
	Total	0.48	0.00	32
3	0	0.48	0.00	14
	1	0.45	0.10	15
	Total	0.46	0.10	29
Total	0	0.47	0.10	63
	1	0.46	0.10	59
	Total	0.47	0.10	122

Table 54
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.	P2
GROUP	0.142	
GENDER	0.090	1.000
GROUP * GENDER	0.728	

Tooth: 34
 Table 55
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.48	0.04	19
	1	0.47	0.04	19
	Total	0.48	0.04	38
1	0	0.50	0.07	19
	1	0.51	0.03	20
	Total	0.50	0.05	39
2	0	0.52	0.05	16
	1	0.49	0.03	20
	Total	0.51	0.04	36
3	0	0.48	0.06	13
	1	0.49	0.06	10
	Total	0.48	0.06	23
Total	0	0.49	0.06	67
	1	0.49	0.04	69
	Total	0.49	0.05	136

Table 56
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.016
GENDER	0.649
GROUP * GENDER	0.338

Table 57
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.093	1.000
	2	-0.03	0.01	0.065	1.000
	3	0.00	0.01	1.000	1.000
1	2	0.00	0.01	1.000	1.000
	3	0.02	0.01	0.427	1.000
2	3	0.02	0.01	0.322	1.000

Tooth: 44
 Table 58
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.47	0.04	18
	1	0.47	0.05	19
	Total	0.47	0.04	37
1	0	0.50	0.03	18
	1	0.51	0.03	20
	Total	0.50	0.03	38
2	0	0.48	0.04	16
	1	0.51	0.03	18
	Total	0.50	0.04	34
3	0	0.48	0.04	14
	1	0.49	0.03	9
	Total	0.49	0.04	23
Total	0	0.49	0.04	66
	1	0.50	0.04	66
	Total	0.49	0.04	132

Table 59
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.002
GENDER	0.162
GROUP * GENDER	0.654

Table 60
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.001	0.272
	2	-0.03	0.01	0.029	1.000
	3	-0.02	0.01	0.576	1.000
1	2	0.01	0.01	1.000	1.000
	3	0.02	0.01	0.546	1.000
2	3	0.01	0.01	1.000	1.000

Tooth: 35
 Table 61
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.45	0.03	16
	1	0.45	0.04	17
	Total	0.45	0.04	33
1	0	0.47	0.04	15
	1	0.49	0.03	16
	Total	0.48	0.04	31
2	0	0.50	0.03	8
	1	0.48	0.04	6
	Total	0.49	0.03	14
3	0	0.48	0.05	5
	1	0.49	0.05	4
	Total	0.48	0.05	9
Total	0	0.47	0.04	44
	1	0.48	0.04	43
	Total	0.47	0.04	87

Table 62
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.002
GENDER	0.452
GROUP * GENDER	0.556

Table 63
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.008	1.000
	2	-0.04	0.01	0.010	1.000
	3	-0.03	0.01	0.102	1.000
1	2	-0.01	0.01	1.000	1.000
	3	0.00	0.01	1.000	1.000
2	3	0.00	0.02	1.000	1.000

Tooth: 45

Table 64

Descriptive Statistics

Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.46	0.03	17
	1	0.45	0.04	17
	Total	0.46	0.04	34
1	0	0.49	0.02	15
	1	0.49	0.03	12
	Total	0.49	0.02	27
2	0	0.47	0.02	8
	1	0.47	0.02	5
	Total	0.47	0.02	13
3	0	0.47	0.06	8
	1	0.47	0.03	3
	Total	0.47	0.05	11
Total	0	0.47	0.03	48
	1	0.47	0.04	37
	Total	0.47	0.03	85

Table 65

Tests of Between-Subjects Effects

Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.006
GENDER	0.854
GROUP * GENDER	0.880

Table 66

Multiple Comparisons

Dependent Variable: CROWN.O2

Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.003	0.723
	2	-0.01	0.01	1.000	1.000
	3	-0.01	0.01	1.000	1.000
1	2	0.02	0.01	0.370	1.000
	3	0.02	0.01	0.595	1.000
2	3	0.00	0.01	1.000	1.000

Tooth: 36
 Table 67
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.46	0.02	20
	1	0.45	0.02	18
	Total	0.45	0.02	38
1	0	0.47	0.01	19
	1	0.47	0.02	18
	Total	0.47	0.01	37
2	0	0.47	0.03	19
	1	0.49	0.02	19
	Total	0.48	0.02	38
3	0	0.46	0.02	17
	1	0.48	0.03	18
	Total	0.47	0.03	35
Total	0	0.46	0.02	75
	1	0.47	0.03	73
	Total	0.47	0.02	148

Table 68
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.000
GENDER	0.070
GROUP * GENDER	0.010

Table 69
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 LSD

(I) SUBGRP	(J) SUBGRP	Mean Difference (I-J)	Std. Error	P1	P2
Mcontrol	Mmild	-0.01	0.01	1.000	1.000
	Mmoderat	-0.01	0.01	1.000	1.000
	Msevere	0.00	0.01	1.000	1.000
	Fcontrol	0.01	0.01	1.000	1.000
Mmild	Mmoderat	0.00	0.01	1.000	1.000
	Msevere	0.01	0.01	1.000	1.000
	Fmild	0.00	0.01	1.000	1.000
Mmoderat	Msevere	0.01	0.01	1.000	1.000
	Fmoderat	-0.02	0.01	0.070	1.000
Msevere	Fsevere	-0.01	0.01	0.950	1.000
Fcontrol	Fmild	-0.02	0.01	0.018	1.000
	Fmoderat	-0.04	0.01	0.000	0.000
	Fsevere	-0.03	0.01	0.002	0.519
Fmild	Fmoderat	-0.02	0.01	0.415	1.000
	Fsevere	0.00	0.01	1.000	1.000
Fmoderat	Fsevere	0.01	0.01	1.000	1.000

Tooth: 46
 Table 70
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.46	0.03	20
	1	0.44	0.04	17
	Total	0.45	0.03	37
1	0	0.46	0.03	19
	1	0.47	0.02	20
	Total	0.46	0.03	39
2	0	0.47	0.03	20
	1	0.48	0.03	20
	Total	0.47	0.03	40
3	0	0.46	0.02	19
	1	0.45	0.03	17
	Total	0.45	0.03	36
Total	0	0.46	0.03	78
	1	0.46	0.03	74
	Total	0.46	0.03	152

Table 71
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.007
GENDER	0.883
GROUP * GENDER	0.143

Table 72
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.01	0.01	0.897	1.000
	2	-0.02	0.01	0.019	1.000
	3	0.00	0.01	1.000	1.000
1	2	-0.01	0.01	0.726	1.000
	3	0.01	0.01	1.000	1.000
2	3	0.02	0.01	0.025	1.000

Tooth: 37
 Table 73
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.44	0.02	11
	1	0.44	0.04	10
	Total	0.44	0.03	21
1	0	0.47	0.02	5
	1	0.47	0.03	13
	Total	0.47	0.02	18
2	0	0.46	0.03	9
	1	0.48	0.01	6
	Total	0.47	0.03	15
3	0	0.46	0.02	4
	1	0.46	0.04	4
	Total	0.46	0.03	8
Total	0	0.46	0.03	29
	1	0.46	0.03	33
	Total	0.46	0.03	62

Table 74
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.
GROUP	0.008
GENDER	0.656
GROUP * GENDER	0.845

Table 75
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.03	0.01	0.009	1.000
	2	-0.03	0.01	0.032	1.000
	3	-0.02	0.01	1.000	1.000
1	2	0.00	0.01	1.000	1.000
	3	0.02	0.01	1.000	1.000
2	3	0.01	0.01	1.000	1.000

Tooth: 47
 Table 76
 Descriptive Statistics
 Dependent Variable: CROWN.O2

GROUP	GENDER	Mean	Std. Deviation	N
0	0	0.44	0.02	11
	1	0.47	0.05	8
	Total	0.45	0.03	19
1	0	0.47	0.01	8
	1	0.48	0.03	15
	Total	0.47	0.03	23
2	0	0.46	0.03	7
	1	0.46	0.03	2
	Total	0.46	0.03	9
3	0	0.46	0.04	5
	1	0.51	0.02	3
	Total	0.48	0.04	8
Total	0	0.46	0.03	31
	1	0.47	0.04	28
	Total	0.47	0.03	59

Table 77
 Tests of Between-Subjects Effects
 Dependent Variable: CROWN.O2

Source	Sig.	P2
GROUP	0.073	
GENDER	0.092	1.000
GROUP * GENDER	0.288	

Table 78
 Multiple Comparisons
 Dependent Variable: CROWN.O2
 Bonferroni

(I) GROUP	(J) GROUP	Mean Difference (I-J)	Std. Error	P1	P2
0	1	-0.02	0.01	0.144	1.000
	2	-0.01	0.01	1.000	1.000
	3	-0.03	0.01	0.213	1.000
1	2	0.01	0.01	1.000	1.000
	3	-0.01	0.01	1.000	1.000
2	3	-0.02	0.02	1.000	1.000