

Explained variation by PCA and LDA for clustering structure (upper dentition).

axis M3	proportion	cumsum	LD1	axis M2	proportion	cumsum	LD1
1	0.47748319	0.47748319	43.7392817	1	0.56233068	0.56233068	48.8814419
2	0.21489429	0.69237748	-46.0409134	2	0.13761412	0.6999448	8.85949236
3	0.08829928	0.78067676	-13.5860218	3	0.0877549	0.78769969	12.3829197
4	0.06682727	0.84750403	-5.27712301	4	0.06033358	0.84803328	-40.3409274
5	0.04151043	0.88901446	-18.4324485	5	0.04627043	0.8943037	-30.3221137
6	0.03240908	0.92142354	-37.82534	6	0.03807779	0.93238149	47.4303995
7	0.0276407	0.94906424	27.1632328	7	0.01963114	0.95201263	-12.2020672
8	0.01472485	0.96378909	27.6196184	8	0.01521955	0.96723218	-1.27849303

axis M1	proportion	cumsum	LD1	axis UMM	proportion	cumsum	LD1
1	0.53509772	0.53509772	55.4188097	1	0.53358560	0.53358560	-44.724648
2	0.18396707	0.7190648	-18.8432191	2	0.13481978	0.66840538	-14.601241
3	0.10618746	0.82525225	14.5983469	3	0.08068354	0.74908893	22.732737
4	0.05946707	0.88471932	20.0814887	4	0.05830465	0.80739358	-46.914473
5	0.03834929	0.92306862	17.9176211	5	0.04843686	0.85583044	14.830096
6	0.02032514	0.94339375	-24.4822126	6	0.03693547	0.89276591	-54.810206
7	0.01326886	0.95666262	-27.680724	7	0.03242783	0.92519375	-32.327215
8	0.01156642	0.96822904	-94.4282073	8	0.01984452	0.94503827	26.239808
				9	0.01222810	0.95726637	66.979213

<b>axis P2</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>	<b>axis P3</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>
1	0.67097749	0.67097749	-31.6876557	1	0.56211975	0.56211975	-47.1403065
2	0.10614224	0.77711973	9.77933351	2	0.136268	0.69838774	-23.173497
3	0.09939406	0.87651379	2.46915497	3	0.11682582	0.81521356	-30.3980073
4	0.03285637	0.90937016	18.4545934	4	0.05645246	0.87166602	4.43768378
5	0.02311128	0.93248144	8.11310166	5	0.03770966	0.90937568	10.5097943
6	0.02044192	0.95292336	-42.1553606	6	0.02926746	0.93864314	-20.2077931
7	0.01462044	0.9675438	-1.80824528	7	0.02014448	0.95878762	-17.3644129
				8	0.0112526	0.97004022	-16.7025892

<b>axis P4</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>	<b>axis UPM</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>
1	0.63189096	0.63189096	-52.3813934	1	0.69721995	0.69721995	37.4534301
2	0.1271569	0.75904786	-6.78102897	2	0.09346565	0.79068559	14.4757685
3	0.06995947	0.82900733	-30.3208764	3	0.04703965	0.83772525	10.318894
4	0.06568895	0.89469628	-22.9842425	4	0.03440869	0.87213394	-41.6169539
5	0.02744611	0.92214239	20.0332274	5	0.0231074	0.89524134	-12.153556
6	0.01777898	0.93992137	-35.2155856	6	0.01919103	0.91443237	-8.31098434
7	0.01603955	0.95596092	-15.6322672	7	0.01762212	0.9320545	38.2123806
				8	0.01623018	0.94828467	-52.7057697

Explained variation by PCA and LDA for clustering structure (lower dentition).

axis m1	proportion	cumsum	LD1	axis m2	proportion	cumsum	LD1
1	0.49622825	0.49622825	53.4181358	1	0.47082346	0.47082346	59.1647527
2	0.18303633	0.67926458	0.74464864	2	0.17677672	0.64760018	-0.05566995
3	0.10208685	0.78135143	18.8589034	3	0.1213653	0.76896548	-3.59507242
4	0.07470402	0.85605544	-15.6410217	4	0.0633827	0.83234817	-13.069784
5	0.0356627	0.89171814	-8.27780095	5	0.04139	0.87373817	31.979064
6	0.02723641	0.91895455	-16.1114153	6	0.02815138	0.90188955	30.7961052
7	0.0210887	0.94004325	-35.1795929	7	0.02714831	0.92903786	18.2382516
8	0.01293565	0.9529789	-45.4107123	8	0.01703526	0.94607312	-38.1046285
9	0.01198875	0.96496764	19.4826922	9	0.0116094	0.95768252	-23.0913089

axis m3	proportion	cumsum	LD1	axis LMM	proportion	cumsum	LD1
1	0.49800315	0.49800315	73.0371117	1	0.52400413	0.52400413	60.7938776
2	0.16035164	0.65835479	-4.09985916	2	0.10858227	0.6325864	12.758164
3	0.09049156	0.74884635	46.0941755	3	0.0703053	0.70289169	18.1572134
4	0.06159743	0.81044378	-8.97593725	4	0.063511	0.76640269	-7.1819268
5	0.05212932	0.86257309	43.6417175	5	0.04916397	0.81556666	-6.95211628
6	0.03516205	0.89773514	48.6075258	6	0.04518255	0.86074921	54.3986774
7	0.02438396	0.9221191	-6.63821281	7	0.028745	0.88949421	-56.6922909
8	0.02129423	0.94341333	-67.1815133	8	0.02511886	0.91461307	49.1009886
9	0.01442661	0.95783995	-45.3242847	9	0.01979619	0.93440926	39.4093986
10	0.01006979	0.96790974	33.2750494	10	0.01218492	0.94659418	74.8539871

<b>axis p2</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>	<b>axis p3</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>
1	0.32507381	0.32507381	33.7219216	1	0.39594372	0.39594372	45.4818361
2	0.26465976	0.58973356	-18.2356587	2	0.19094288	0.5868866	23.150162
3	0.11736258	0.70709615	-18.4287455	3	0.12987499	0.71676159	29.1088251
4	0.08577541	0.79287156	2.15530063	4	0.08413224	0.80089382	-8.29471757
5	0.0643914	0.85726296	9.99356542	5	0.07541626	0.87631008	1.98381654
6	0.03042512	0.88768808	3.78398212	6	0.03136518	0.90767526	0.64442321
7	0.02819957	0.91588765	-21.3168898	7	0.02242644	0.9301017	18.338327
8	0.0240762	0.93996385	12.656112	8	0.01720575	0.94730745	12.7526769
9	0.02062839	0.96059223	-6.2347184	9	0.01273861	0.96004607	25.8321046
				10	0.01054482	0.97059088	10.359943

<b>axis p4</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>	<b>axis LPM</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>
1	0.42554366	0.42554366	38.4868251	1	0.56669684	0.56669684	33.5309287
2	0.19723789	0.62278155	-12.3166764	2	0.09860703	0.66530387	-2.50527964
3	0.13014673	0.75292828	24.0465027	3	0.07484805	0.74015192	-13.1138243
4	0.0972323	0.85016058	13.0578478	4	0.0457173	0.78586922	10.1762478
5	0.04786909	0.89802966	-3.58125669	5	0.040349	0.82621822	-18.5594565
6	0.02966734	0.927697	-9.60501355	6	0.03136747	0.85758569	1.41005654
7	0.01811449	0.94581149	3.17913515	7	0.02565916	0.88324485	27.6304116
8	0.0156683	0.96147979	8.9012312	8	0.02076536	0.90401021	24.0881884
9	0.01043806	0.97191785	39.751351	9	0.01645935	0.92046957	-1.62171525
				10	0.01445776	0.93492733	3.65618087

Explained variation by PCA and LDA for clustering structure (P4 + UPM).

<b>axis P4 + UPM</b>	<b>proportion</b>	<b>cumsum</b>	<b>LD1</b>
1	35.4689931	35.4689931	-0.84618622
2	11.9007449	47.369738	0.07463293
3	10.3530207	57.7227587	-0.22863573
4	6.06637052	63.7891292	0.33380051
5	5.14654714	68.9356764	0.21980557
6	4.1777211	73.1133975	-0.01647235
7	3.79997785	76.9133753	0.03719674
8	3.05306824	79.9664435	0.0030572
9	2.73342427	82.6998678	-0.25495672
10	2.65073327	85.3506011	0.04559059
11	2.0510242	87.4016253	0.32281312
12	1.94819556	89.3498209	0.02641174
13	1.78832619	91.138147	0.39681237
14	1.43235403	92.5705011	1.15599886
15	1.38872697	93.959228	-0.23182274
16	1.08888265	95.0481107	-0.34525159
17	1.07512048	96.1232312	0.11003553