

Appendix D.2: Raw CA Results

The results presented here are the raw results produced by S-Plus 2000. Before the CA was run, it was necessary to run a small program which removed the variables with no values for any entries. This consisted of two small programs written by Dr. Cortina-Borja for this process. The results are produced here and labelled appropriately. Below this are presented the canonical correlations, which indicate the significance of the X and Y coordinates in comparison. This tells one, in essence the relative levels of significance given to the measurement of each axis. The X coordinates are presented first, the Y second. As can be determined by these results, the difference for all phases is relatively minor.

Correspondence Analysis of Artifact Placement/Contexts

Hallstatt Finale Results

[1] Contexts with no occurrences:

[1] S3	S7	RTArmBody	S14
[5] S15	S19	LftArmBody	LftHandHipThigh
[9] S23	S24	S29	S30
[13] S33	S34	S35	S38
[17] 1	1RUA	2	3
[21] 3RE	3RLA	4	4LE
[25] 4LLA	5	5RLA	6
[29] 6LLA	6ULL	6LK	6LLL
[33] 7	7LRL	7RFoot	8
[37] 8LFoot	9	10	SupraHead
[41] X	Y	XX	YY
[45] A	B	C	D
[49] F	G	H	I
[53] J	K	L	M
[57] N	P	a	b
[61] c	d	e	f
[65] g	h	i	j
[69] k	l	m	n
[73] p	AA	BB	aa
[77] bb	AAA	BBB	aaa
[81] bbb			

First canonical correlation(s): 0.7809957 0.7481953

Row scores:

	[,1]	[,2]
Ard2	-0.07205354	0.71919176
Au1	-0.34210505	0.13732324
Cdo2	3.59747147	8.91232744
CdO3	0.46671992	-0.09840069
CdO5	0.46671992	-0.09840069
CdO6	-1.18832751	-0.20152108
CdO7	0.79111465	1.06584659
CdO9	0.34766480	0.02020501
CdO10	0.46671992	-0.09840069
CdO11	-0.01205123	-0.06701425
CdO13	0.26151073	-0.15935338

HM2 -0.95872665 -0.05145296
 HM3 1.61731016 -2.82876843
 HM4 0.46671992 -0.09840069
 HM8 0.46671992 -0.09840069
 M2 0.54591980 0.25465627
 M17 0.70189639 0.09349696
 SM5 -2.58125608 -0.06072084
 Y8 0.58423255 -0.07550686

Column scores:

	[,1]	[,2]
S1	2.07083111	-3.78078885515
S2	-0.01543060	-0.08956786055
S2S3	2.07083111	-3.78078885515
S4	-0.09225857	0.96123533797
S5	0.35330192	0.59694867089
S6	-0.05384458	0.43583373871
S8	0.89871993	0.12496331031
S9	-1.52155451	-0.26934289006
S10	-1.76864662	-0.00002898726
S11	0.36933692	0.61997674682
S12	-1.52155451	-0.26934289006
RtHandHipThigh	-0.09225857	0.96123533797
S13	-1.66025712	-0.08536213451
S16	-1.52155451	-0.26934289006
S17	-1.95541139	-0.00671259545
S18	0.16770505	0.24231516499
S20	-0.01543060	-0.08956786055
S21	0.69900488	0.34036069733
S22	-0.01543060	-0.08956786055
Chest	2.80960970	6.66816145065
S25	0.33484273	-0.21298367512
Pelvis	0.38670062	-0.67878573494
S26	0.21808495	-0.17184507026
S27	0.79674775	-1.36111346361
S28	-0.01543060	-0.08956786055
InterThigh	0.19247563	0.17842266257
S31	-3.30508365	-0.08115640847
S32	-0.22453809	-0.10220829627
S36	-2.71057394	-0.14388523567
S37	-0.22453809	-0.10220829627
1HR	-0.09225857	0.96123533797
2HL	0.43525040	0.54731891087
2LUA	2.07083111	-3.78078885515
3RUA	2.07083111	-3.78078885515
4LAU	0.89871993	0.12496331031
5RH	-0.09225857	0.96123533797
5URL	-0.09225857	0.96123533797
5RK	-0.09225857	0.96123533797
5LRL	0.89871993	0.12496331031
6LH	0.44515585	0.02700499037
8LLL	0.82339056	0.01202232768
SubFeet	0.69900488	0.34036069733
RightSide	0.44515585	0.02700499037

LeftSide -1.52155451 -0.26934289006
 E 0.89871993 0.12496331031
 OTHER1 0.36450624 -0.07362293112

Transitional Results:

[1] Contexts with no occurrences:

[1] S3	LftArmBody	S30	S31	S34	S36
[7] 3RE	4LLA	5RLA	5RK	5LRL	6LLA
[13] 6ULL	6LLL	7LRL	10	Y	XX
[19] YY	A	B	C	D	E
[25] F	G	H	I	J	K
[31] L	M	N	P	a	b
[37] c	d	e	f	g	h
[43] i	j	k	l	m	n
[49] p	AA	BB	aa	bb	AAA
[55] BBB	aaa	bbb			

First canonical correlation(s): 0.7444384 0.6876473

Row scores:

	[,1]	[,2]
Ai1	0.252617783	-0.50117686
Ai4	-9.050041016	-0.42207186
Ard3	0.171476687	0.51700333
Ard4	-0.031822337	0.55553673
Au2	0.271555775	-0.32906704
Au4	0.183621306	0.56459884
CdO1	0.565853844	1.45675939
CdO3	0.240250876	0.26410200
CdO4	0.167504341	1.82333970
CdO5	0.265101021	-0.09746188
CdO10	0.459929166	0.21983583
CdO11	0.280458142	0.05942900
HM2	0.279975217	-0.20592201
HM4	0.315756969	-0.13656044
HM5	0.009559813	-0.34181642
HM8	0.315756969	-0.13656044
M1	0.117236070	-0.61691889
M2	0.315756969	-0.13656044
M18	0.315756969	-0.13656044
M20	0.225300553	0.22192880
M25	-0.252071790	0.73924664
Y2	-0.087356649	11.96948441
Y8	0.279290891	-0.18665301

Column scores:

	[,1]	[,2]
S1	0.03583851	-0.068024803
S2	0.01983349	0.846651388
S2S3	0.12913047	0.419340794
S4	0.08765170	-0.265988058

S5 0.07672354 0.006916803
S6 0.21971105 0.167085424
S7 0.15748257 -0.897144405
S8 0.22500766 2.651562508
S9 0.15748257 -0.897144405
S10 0.18774232 -0.274434504
S11 0.16127624 0.366405909
S12 0.15748257 -0.897144405
RTArmBody -0.11734571 17.406430686
RtHandHipThigh -0.33860666 1.075037569
S13 -0.78977536 -0.875348007
S14 0.15748257 -0.897144405
S15 0.15748257 -0.897144405
S16 0.26711023 -0.405360366
S17 0.16925148 -0.358658687
S18 0.11211325 0.410083786
S19 0.05156963 4.105175809
LftHandHipThigh 0.37673789 0.086423673
S20 -0.09449061 0.728355327
S21 -0.09056204 0.088946582
S22 0.10877110 0.628582427
Chest 0.22681911 -0.591528862
S23 0.22500766 2.651562508
S24 0.26711023 -0.405360366
S25 0.24841133 -0.812986404
Pelvis 0.20489451 -0.386375479
S26 0.20133363 -0.700430789
S27 0.33969144 0.204580036
S28 0.25485472 -0.019625643
S29 -0.09056204 0.088946582
InterThigh -0.76104977 -0.604753969
S32 0.50536312 0.481570944
S33 0.32616115 0.941469951
S35 0.15748257 -0.897144405
S37 0.55506034 0.678530279
S38 0.30354079 0.419133737
1 0.17401507 -0.881842950
1HR -1.90338575 0.749440460
1RUA 0.27872091 -0.784933738
2 0.07915269 -0.585747251
2HL -0.12931885 3.180743065
2LUA 0.33934009 -0.728828404
3 0.15748257 -0.897144405
3RUA 0.23034370 0.751843801
3RLA 0.20294695 -0.855065404
4 0.15748257 -0.897144405
4LAU 0.76010837 2.118468974
4LE 0.16104141 0.017634354
5 0.15748257 -0.897144405
5RH 0.27874986 0.151555377
5URL -0.33860666 1.075037569
6 0.15748257 -0.897144405
6LH -0.33860666 1.075037569
6LK -0.33860666 1.075037569

7	-0.21458435	0.581992076
7RFoot	-1.81588965	0.863933969
8	0.07480103	-0.568447409
8LLL	-0.33860666	1.075037569
8LFoot	-0.33860666	1.075037569
9	-12.15687058	-0.613791234
SupraHead	0.08689790	-0.466790675
SubFeet	-0.33860666	1.075037569
RightSide	-0.10037471	0.616872118
LeftSide	0.11337584	0.366105061
X	-12.15687058	-0.613791234
OTHER1	0.23506161	-0.093905416

La Tène Ancienne I Results

[1] Contexts with no occurrences:

[1] S7 S33 6LLA B E F H I J K L M N P a

[16] b c d e f g h i j k l m n p AA

[31] BB aa bb AAA BBB aaa bbb

First canonical correlation(s): 0.5873695 0.4939474

Row scores:

	[,1]	[,2]
Ai1	-0.002624436	1.22374278
Ai2	-0.044058161	1.04836255
Ai3	-0.078033688	0.41467640
Ai4	-0.114678697	1.21239444
Ard3	-0.115474522	-0.03866157
Ard4	-0.100707416	-0.60895217
Au4	0.051658933	-0.82062608
Au5	-0.117196091	-1.17616531
CdO11	-0.012123018	0.21910529
HM5	-0.111735253	-2.49780493
HM6	-0.053446114	-0.54331446
M1	-0.085936904	-1.57291841
M2	-0.055251437	0.12595313
M3	-0.113457344	-1.13675246
M4	-0.108152642	-0.38068823
M5	-0.071705804	-1.62809054
M6	-0.075615766	0.45852284
M19	-0.067751982	-1.75340640
M20	0.859659996	0.16889505
M22	-0.064147235	-1.72737452
M25	0.459083101	-0.26134889
SM4	37.668964766	0.34491550
Y4	-0.097157720	-1.62299680

Column scores:

	[,1]	[,2]
S1	0.0598180456	0.76781508
S2	-0.1548580269	1.01656791
S3	-0.1952411541	2.45450095
S2S3	0.5007760023	-0.71118497

S4 -0.1582451929 0.57902806
S5 -0.0112010951 0.25566908
S6 -0.1689225493 -0.70496810
S8 0.1658125191 -1.31013659
S9 -0.0495356543 0.34711686
S10 -0.0279845104 -0.33458108
S11 0.0248326727 0.84868144
S12 -0.1220795517 -3.29608057
RtArmBody -0.0141134501 -0.69409660
RtHandHipThigh -0.0718270242 0.45072372
S13 -0.1586455739 -0.62339765
S14 -0.1803215178 0.78436874
S15 -0.1760656716 0.68985488
S16 0.0465708994 0.17950662
S17 -0.0802198842 -0.49155398
S18 0.0974101843 0.76199916
S19 0.2194631821 1.92635801
LftArmBody 0.5300970515 -0.90233918
LftHandHipThigh -0.1153481468 -3.54978340
S20 -0.0474745106 -1.08624861
S21 -0.0023173418 1.26682644
S22 -0.1682811760 0.74411193
Chest -0.0996166921 -1.44557424
S23 -0.1745669467 -2.05769512
S24 -0.0536410258 -0.30937275
S25 -0.1185160677 1.51251803
Pelvis 0.1804588334 -0.09664621
S26 -0.1900992897 -0.19301509
S27 -0.1657293083 0.03119064
S28 -0.1633910999 0.43441552
S29 -0.1710042066 0.09502336
InterThigh -0.1630799276 -0.01080760
S30 -0.1351252160 2.28845909
S31 0.3791871948 -0.37330626
S32 -0.1714549665 -1.23282788
S34 -0.1956927868 1.61024376
S35 22.1256005103 0.17037013
S36 0.7041050175 0.21744727
S37 -0.1521538896 -0.19665632
S38 -0.1179004244 1.21573883
1 0.1388324777 0.74305378
1HR 0.0012838781 0.96678060
1RUA -0.0315889416 0.12712415
2 -0.0606649740 0.59851950
2HL -0.0759647917 0.78991553
2LUA -0.1955798786 1.82130806
3 -0.0513909329 1.55648966
3RUA 0.3115892513 0.99824185
3RE -0.1753883150 1.10234154
3RLA -0.1844865630 -0.11441282
4 -0.1862231428 1.53288042
4LAU -0.1895300876 -0.33448956
4LE -0.1774082584 1.63547793
4LLA 0.2437844761 -0.20552235

5 0.0119416518 1.87383303
 5RLA -0.1521538896 -0.19665632
 5RH 0.0062206026 -0.19537767
 5URL 0.1764737965 -1.29369299
 5RK 0.0008071912 -0.52570243
 5LRL -0.1640469834 1.64700809
 6 -0.1682062420 1.08295505
 6LH -0.1729966273 -0.01134652
 6ULL -0.1685514619 0.04475150
 6LK -0.0163117639 0.65618320
 6LLL -0.1578938051 2.08284055
 7 0.0897787859 0.88163129
 7LRL -0.1297097700 0.55370038
 7RFoot 0.0067139103 -0.76738561
 8 -0.1547710507 1.57469776
 8LLL -0.1545626711 -0.48028243
 8LFoot 0.1132229300 -0.66573290
 9 -0.1600826188 1.03245329
 10 -0.1952411541 2.45450095
 SupraHead -0.0717988980 0.60392297
 SubFeet -0.0169561221 -0.97386011
 RightSide 0.1928976188 -2.27642875
 LeftSide -0.1009690492 -2.52494094
 X -0.1612515508 1.63838074
 Y -0.1944475364 2.22412902
 XX -0.1931617939 -2.30136323
 YY -0.1931617939 -2.30136323
 A -0.1931617939 -2.30136323
 C -0.1952411541 2.45450095
 D -0.1952411541 2.45450095
 G -0.1952411541 2.45450095
 OTHER1 -0.0656298780 -1.23378434

La Tène Ancienne II

[1] Contexts with no occurrences:

[1] S1	S2	S3	S2S3	
[5] S4	S7	S8	S9	
[9] LftArmBody	LftHandHipThigh	S23		S30
[13] S33	3RUA	4	4LE	
[17] 5RLA	5LRL	6	6LLA	
[21] 6LLL	9	10	LeftSide	
[25] X	Y	XX	YY	
[29] A	B	C	D	
[33] E	F	H	J	
[37] K	L	M	N	
[41] P	a	b	c	
[45] d	e	f	g	
[49] h	i	j	k	
[53] l	m	n	p	
[57] AA	BB	aa	bb	
[61] AAA	BBB	aaa	bbb	

First canonical correlation(s): 0.7814732 0.6784203

Row scores:

	[,1]	[,2]
Ard1	-0.25542843	-0.8428050
Ard3	-0.22163008	0.5936350
Ard4	-0.06786520	1.1365374
Au9	-0.20082267	-2.0909493
M1	0.82944751	-0.1560168
M5	-0.05839332	-0.3160856
M19	0.01283278	0.2116743
M20	-0.04467628	-0.8750102
Y4	0.53886942	-0.2592189
Y5	0.01283278	0.2116743
Y8	11.73586826	0.1099915

Column scores:

	[,1]	[,2]
S5	0.06378609	-0.93850413
S6	-0.19925147	-1.16561194
S10	-0.16645766	-1.03223781
S11	-0.17780573	0.53388625
S12	-0.07472210	-0.46591416
RTArmBody	-0.05716930	-1.28977595
RtHandHipThigh	-0.18522407	1.27514779
S13	-0.07639417	0.39871257
S14	-0.26862551	-2.77545522
S15	0.30135662	0.64658915
S16	15.01762142	0.16212885
S17	-0.04200346	-0.88095713
S18	-0.23337349	-1.40704402
S19	-0.14411455	-1.67715496
S20	-0.05716930	-1.28977595
S21	3.32491100	-0.01288790
S22	0.10184385	-0.97139095
Chest	-0.05716930	-1.28977595
S24	-0.05716930	-1.28977595
S25	-0.08684264	1.67527019
Pelvis	-0.10712188	-1.73785328
S26	-0.07291135	-0.02680664
S27	-0.08684264	1.67527019
S28	-0.12558489	0.19865137
S29	-0.07200597	0.19274712
InterThigh	0.48727349	0.72264975
S31	-0.15707446	-2.18593060
S32	-0.05716930	-1.28977595
S34	1.06138962	-0.22997069
S35	-0.05716930	-1.28977595
S36	-0.27029255	-1.10352993
S37	-0.05716930	-1.28977595
S38	-0.28360549	0.87502539
1	-0.17038740	-0.20737528
1HR	-0.15421338	-0.36200395
1RUA	-0.28914671	-1.14978829

2 -0.23441478 1.07508659
 2HL -0.29802200 0.16924859
 2LUA -0.08684264 1.67527019
 3 -0.17038740 -0.20737528
 3RE -0.07200597 0.19274712
 3RLA -0.29441787 0.34569279
 4LAU -0.17038740 -0.20737528
 4LLA -0.07695153 0.68692148
 5 -0.22699645 0.33382505
 5RH -0.11695359 0.20065894
 5URL -0.16232455 1.19178750
 5RK -0.16794827 0.92084228
 6LH -0.25081168 1.00839952
 6ULL -0.16554778 1.35517227
 6LK -0.21801788 1.14177365
 7 -0.20812676 0.15342494
 7LRL -0.22160930 0.81859421
 7RFoot -0.19285830 0.90124017
 8 -0.08684264 1.67527019
 8LLL -0.28360549 0.87502539
 8LFoot -0.17038740 -0.20737528
 SupraHead -0.07695153 0.68692148
 SubFeet 0.21808223 -0.81885919
 RightSide -0.05716930 -1.28977595
 G -0.08684264 1.67527019
 I -0.08684264 1.67527019
 OTHER1 0.01002847 0.14360414

La Tène Ancienne III

[1] Contexts with no occurrences:
 [1] S2 S3 S9 RTArmBody
 [5] LftHandHipThigh S25 S29 S30
 [9] S31 S33 S34 S35
 [13] S36 S38 3RUA 4
 [17] 4LAU 5LRL 6 6LLA
 [21] 6LLL 7 8 9
 [25] 10 LeftSide X Y
 [29] XX YY A B
 [33] C D E F
 [37] G H I J
 [41] K L M N
 [45] P a b c
 [49] d e f g
 [53] h i j k
 [57] l m n p
 [61] AA BB aa bb
 [65] AAA BBB aaa bbb
 First canonical correlation(s): 0.7466118 0.7318168

Row scores:

	[,1]	[,2]
Ard1	1.0908285	1.42107941
Ard3	0.7134616	0.79200115
Ard4	0.3708621	0.95706558
Au4	1.7320315	-2.16670837
Au6	-0.5702624	-1.09103115
Au8	-0.8965391	-0.85957826
CdO11	-0.2839708	-0.24228502
HM3	0.7438253	-1.17999249
M2	-1.5269332	3.89815427
M5	0.6918720	0.09916946
M11	-0.1303433	0.37715428
M20	-0.1486011	0.25760444
M23	-1.7690941	-0.94454435
M24	-1.8357304	0.09190825
SM2	2.2741701	-1.22452247
SM3	0.6918720	0.09916946
SM4	-0.3717194	-0.48981940
Y2	-2.4116319	2.79224176
Y3	1.2759629	-0.95338879
Y4	0.8887711	-0.87659533
Y5	0.3905180	0.23825705
Y6	-0.1589610	2.16532066
Y8	0.3148657	-0.43476753

Column scores:

	[,1]	[,2]
S1	0.42172616	-0.594093373
S2S3	-2.45874811	0.125589144
S4	0.44136846	-1.433121435
S5	1.00205754	0.039959515
S6	0.13727261	0.877514189
S7	0.49672678	1.307793879
S8	-2.36949656	-1.290684102
S10	0.99626775	-1.612415070
S11	-0.19717466	-0.128230424
S12	0.48409425	0.455182186
RtHandHipThigh	-2.23540219	3.208416685
S13	0.26526199	-0.190718070
S14	1.53613822	-1.267791235
S15	-1.59037238	-1.213282133
S16	-1.80746631	-0.878564314
S17	0.80981456	-1.205429556
S18	-1.05122449	-0.261629938
S19	-1.18734939	-1.238445920
LftArmBody	-1.20319045	-1.003872479
S20	1.69792225	-0.896126156
S21	0.07932500	-1.310265113
S22	-0.62599949	-0.888802039
Chest	-1.35714081	-0.268067256
S23	-1.05427720	0.086267292
S24	0.13819883	-0.002619284
Pelvis	-0.93085423	-0.286604810
S26	0.42285860	0.674235406

S27 1.22090185 -0.429462937
 S28 -1.24829552 -0.649966069
 InterThigh 2.31985541 -2.960724966
 S32 -0.60069220 -0.427672022
 S37 -0.96649853 -1.006160655
 1 -0.04465057 2.497053142
 1HR 0.14190847 2.133311294
 1RUA 0.95559919 1.082239589
 2 0.95559919 1.082239589
 2HL -0.63496460 -0.347122806
 2LUA 1.67504252 -1.958636574
 3 1.46103839 1.941851218
 3RE 0.45539949 0.815479128
 3RLA 0.58624372 1.200550606
 4LE -2.45874811 0.125589144
 4LLA 2.31985541 -2.960724966
 5 1.46103839 1.941851218
 5RLA 1.70900440 -1.302769688
 5RH 0.95559919 1.082239589
 5URL -1.13263797 0.123676410
 5RK -2.36949656 -1.290684102
 6LH 0.25409706 -1.238675418
 6ULL -0.19903400 0.352006721
 6LK 0.49672678 1.307793879
 7LRL 0.96491255 1.299272773
 7RFoot 0.72467256 0.936193015
 8LLL 0.72616299 1.195016734
 8LFoot 0.64968425 1.232609116
 SupraHead -0.32458559 0.380226901
 SubFeet 1.16708823 1.643117424
 RightSide -0.18680685 0.433686882
 OTHER1 0.51655982 0.072573877

La Tène Moyenne

[1] Contexts with no occurrences:

[1] S2	S3	S2S3	S7	S8	LftArmBody
[7] S31	S34	S35	S36	4LE	4LLA
[13] 5LRL	6LLA	8LLL	9	10	LeftSide
[19] X	Y	XX	YY	A	B
[25] C	D	E	F	G	H
[31] I	J	K	L	M	N
[37] P	a	b	c	d	e
[43] f	g	h	i	j	k
[49] l	m	n	p	AA	BB
[55] aa	bb	AAA	BBB	aaa	bbb

[1] Sites with no occurrences:

[1]

First canonical correlation(s): 0.8360493 0.7333735

Row scores:

	[,1]	[,2]
Ard1	-0.08998246	1.24941171

Ard2 -0.11425116 1.99794651
 Au5 -0.18695330 -0.54374376
 Au6 -0.19351152 -0.39080200
 Au8 -0.04953521 0.29145077
 HM1 -0.14585277 -0.25150389
 M2 14.93492039 -1.33165017
 M7 -0.01782060 0.85961903
 M10 -0.10896193 0.33255856
 M12 -0.12852728 1.18477310
 M15 -0.01255468 1.24264513
 M16 -0.12735317 1.26822729
 M20 0.72657049 0.70421665
 M21 -0.04220137 -0.78006362
 M23 -0.08437789 1.14766343
 M24 -0.09469928 -0.08773609
 O2 -0.25853985 -1.86911929
 O3 -0.25853985 -1.86911929
 SM3 1.44772105 0.51466967
 SM4 -0.16722800 -0.84845431
 SM6 -0.21347106 -1.54479469
 Y1 -0.15596679 -0.23557602
 Y2 -0.18775337 -0.66832749
 Y5 -0.21139854 -0.48342130
 Y6 -0.15676680 -1.04638130
 Y7 -0.09332792 0.00467691
 Y8 -0.20212522 -0.90134595

Column scores:

	[,1]	[,2]
S1	-0.13732714	0.661705770
S4	-0.02131525	1.172143642
S5	-0.15086766	0.118326337
S6	-0.16853392	-1.029733214
S9	-0.09516574	0.640654452
S10	-0.12959627	-0.509307116
S11	-0.07421023	0.919754419
S12	-0.10044662	0.688572279
RtArmBody	-0.11002940	0.434262920
RtHandHipThigh	-0.11290369	0.505010312
S13	-0.16197733	0.802618509
S14	-0.21585819	-1.519164480
S15	-0.14950494	-0.284894844
S16	-0.11502560	0.471936398
S17	-0.13417165	0.307658605
S18	-0.13883226	0.612086732
S19	-0.14989701	-0.010801350
LftHandHipThigh	-0.01501667	1.694423388
S20	-0.12208070	0.286451128
S21	0.05068315	0.867255179
S22	0.00114194	-0.144206956
Chest	-0.13083335	0.663842243
S23	0.18511094	0.432226132
S24	0.16750408	0.460265319
S25	-0.22457212	-0.911305817

Pelvis -0.11167810 1.106041812
 S26 -0.16178517 -0.286603812
 S27 -0.11809292 0.832741434
 S28 -0.11790906 0.639910608
 S29 -0.10427635 1.634280009
 InterThigh -0.13789574 1.682822529
 S30 0.51693832 0.030527699
 S32 0.49787849 -0.596228860
 S33 -0.11562705 1.009187054
 S37 0.49787849 -0.596228860
 S38 1.73162163 0.701783886
 1 0.80999597 0.354080571
 1HR 0.20640091 0.674406914
 1RUA -0.17800059 -1.173915557
 2 -0.14909092 -0.157422603
 2HL -0.09600118 1.679308694
 2LUA -0.14527153 0.992073418
 3 1.27348509 0.917565408
 3RUA 0.37333640 0.602240446
 3RE -0.12727677 0.115868091
 3RLA 0.60744875 0.516453793
 4 -0.11162969 0.006377255
 4LAU -0.15232735 1.729306242
 5 -0.18655215 -0.321222460
 5RLA -0.10762817 1.703650045
 5RH 0.12209156 1.055764891
 5URL 0.19448534 0.038271139
 5RK -0.12997776 1.716478144
 6 1.73162163 0.701783886
 6LH -0.13067993 1.659580672
 6ULL -0.11162969 0.006377255
 6LK -0.15373169 1.615511299
 6LLL -0.13032955 0.453464135
 7 12.48632976 -0.976596882
 7LRL -0.10762817 1.703650045
 7RFoot -0.12962548 -0.127365341
 8 -0.01501667 1.694423388
 8LFoot -0.11162969 0.006377255
 SupraHead -0.13097814 1.292159946
 SubFeet -0.14454828 1.096280566
 RightSide -0.07936110 1.824440041
 OTHER1 -0.21615206 -1.370762462

La Tène Ancienne

[1] Contexts with no occurrences:

[1] 6LLA J K L M a b c d e f g h i j

[16] k l m n p AA BB aa bb AAA BBB aaa bbb

First canonical correlation(s): 0.6637635 0.4973715

Row scores:

	[,1]	[,2]
Ai1	0.15214365	1.39182123
Ai2	0.10803211	0.37100552
Ai3	0.06437592	0.71930546
Ai4	-0.06565410	0.92659163
Ard1	0.02143054	0.77234969
Ard2	-0.09514514	-0.48839753
Ard3	-0.05810108	0.01484966
Ard4	-0.13978411	-0.18557000
Au3	0.24144248	-0.95378476
Au4	0.02398011	0.54223615
Au5	0.28374293	-0.90366683
Au6	0.36228036	1.59805213
Au7	0.33135826	-3.17773556
Au8	0.17807098	1.73311248
Au9	0.29817286	0.62256779
CdO2	0.33210612	-0.12547647
CdO3	0.33135826	-3.17773556
CdO4	0.25037037	1.19407757
CdO5	0.29682308	-1.77332847
CdO6	0.12610927	1.76315016
CdO11	0.28929814	0.69879238
CdO12	0.23648211	0.36638132
HM2	0.33135826	-3.17773556
HM3	0.23323384	-0.79033474
HM5	0.32032317	-1.59865608
HM6	0.30697933	-0.45394401
HM7	-11.04191071	-0.54678639
M1	0.28159271	-1.66555608
M2	0.21463728	0.05590710
M3	0.17784754	-1.00626416
M4	-0.02355017	-0.29601092
M5	0.16701931	-1.58759738
M6	0.07761715	0.75352417
M7	0.21684716	1.17298023
M8	0.15758140	1.05402338
M9	0.24809764	-0.43723092
M11	-0.05503024	-0.06575793
M13	0.21371506	0.88870029
M14	0.29738816	1.01626544
M15	0.27182045	-1.26699992
M17	-0.20666964	0.85183184
M18	0.19278971	-2.08005967
M19	0.21449732	-1.40523411
M20	0.11121487	0.34406394
M22	0.22073452	-1.43563622
M23	0.22921786	1.50440435
M24	0.25035820	1.19720626
M25	0.18124578	-0.27449386
SM2	0.28605557	0.13017208
SM3	0.33135826	-3.17773556
SM4	0.15366416	2.35303178
Y1	0.03274893	0.60938708

Y2 0.17091625 1.53970164
Y3 0.17134954 0.05524372
Y4 0.11214967 -0.35204237
Y5 0.32191807 -1.90099148
Y6 -0.08632649 0.59188586
Y8 0.31128970 -0.06926120

Column scores:

	[,1]	[,2]
S1	0.0893531126	0.78026048223
S2	0.0137919794	0.92684161080
S3	-0.0989118842	1.86297707674
S2S3	0.2701833133	0.03793766333
S4	0.1876131283	1.05489121363
S5	0.1298470121	0.48288441469
S6	0.1504951590	0.21953290848
S7	0.1297757026	-0.27306237480
S8	0.3372023782	-0.11575738647
S9	0.1605583376	1.07197848606
S10	0.1398436388	-0.13171210426
S11	0.1629705904	1.14366468316
S12	0.2139772587	0.03686002718
RtArmBody	0.2590079783	-0.16873351613
RtHandHipThigh	0.0396074034	0.84654113975
S13	0.0752987942	-0.18655564370
S14	0.2223802395	0.93236011202
S15	0.0968494893	1.19409684197
S16	0.2484910127	1.10371203478
S17	0.1524908191	-0.11765229786
S18	0.2196235958	0.96035161281
S19	0.2414607006	0.73504946413
LftArmBody	0.2195169892	1.50558806551
LftHandHipThigh	0.3580418481	-0.43454273287
S20	0.2051402261	0.10029265609
S21	0.2198078631	0.98532236175
S22	0.1597072805	1.34925998070
Chest	0.3102619539	0.55885554533
S23	0.1723368528	-0.18904066870
S24	0.0966725401	0.24794783398
S25	0.0376672678	1.14811052099
Pelvis	0.2611291000	0.60432867952
S26	0.0789122229	0.47585241949
S27	0.1027958287	0.22267009501
S28	0.0669382712	0.72502799856
S29	0.0764934354	0.07564529819
InterThigh	0.0273421080	-0.00005515969
S30	0.1703423446	-0.31883033492
S31	0.2590667598	-0.42898480948
S32	0.0857365527	1.94093052148
S33	0.2315043796	4.73093446809
S34	0.0921709317	0.43877753980
S35	0.3111363392	-0.59720793816
S36	0.1798557307	0.57353230144
S37	0.1267396774	2.05521500270

S38 0.0887032049 1.56797703308
1 0.1431125054 0.19576034356
1HR -0.0821473513 0.72971999326
1RUA 0.0981419055 0.42327197154
2 0.0144313801 0.27129578123
2HL 0.0611307861 0.82827054066
2LUA 0.0554736339 0.75590026559
3 0.0127407793 1.02983775629
3RUA 0.1282939283 1.20668196618
3RE -1.2270575266 0.53508107103
3RLA -0.6560194937 0.27193376474
4 -1.9062105039 1.01071696450
4LAU -0.0215116565 -0.04338822957
4LE -0.0280831923 1.34718215204
4LLA 0.0321299326 -0.00913372581
5 0.0318653544 1.36657256124
5RLA 0.0481804873 0.39472790306
5RH 0.0546000938 -0.29237754026
5URL -0.4026534479 -0.35932827969
5RK -0.4500016287 -0.47327226630
5LRL -0.0009628289 1.65459543153
6 -2.0466434529 0.85063202155
6LH -0.6723031169 0.25232428009
6ULL -0.0691148252 0.38277017601
6LK 0.0197917972 -0.33129993802
6LLL -0.0034087543 1.56997531554
7 0.1037508581 -0.46781114515
7LRL 0.0296480650 0.22126273757
7RFoot 0.0059943378 -0.26717296975
8 0.0232332157 0.90677334199
8LLL 0.0480007051 -0.27388268198
8LFoot -1.1305511097 -0.57451783736
9 -0.0195763898 1.28191568105
10 -0.0989118842 1.86297707674
SupraHead 0.0808827018 0.37856051756
SubFeet 0.1752124686 -0.83109244728
RightSide 0.1931992701 -1.83343094782
LeftSide 0.2232785290 -1.73529269951
X 0.0115688933 0.98157681752
Y -0.0943810184 1.68739652807
XX 0.2679381182 -2.02316425655
YY 0.2679381182 -2.02316425655
A 0.2679381182 -2.02316425655
B 0.2904494069 -4.18210499711
C -0.0989118842 1.86297707674
D -11.1231764734 -0.11190908123
E -16.6353087679 -1.09935216022
F -16.6353087679 -1.09935216022
G -4.2888517877 0.00435551607
H -16.6353087679 -1.09935216022
I -0.2105932493 -0.37310142612
N 0.2374059508 2.11918749320
P 0.2374059508 2.11918749320
OTHER1 0.2199435178 -1.58051497281

La Tène

[1] Contexts with no occurrences:

[1] 6LLA J K L M a b c d e g h i j k

[16] l m n p AA BB aa bb AAA BBB aaa bbb

First canonical correlation(s): 0.6392574 0.4977338

Row scores:

	[,1]	[,2]
CdO11	0.37514633	0.608573210
HM2	0.41552944	-3.384594192
M14	0.36788401	1.594657201
Ard2	0.02964022	0.051323604
CdO2	0.43591124	0.016249734
CdO3	0.41552944	-3.384594192
CdO5	0.36219744	-1.982148263
CdO6	0.11775477	2.001749973
HM3	0.24813124	-0.700255491
M2	-0.11089942	-0.268370683
M17	-0.26623361	0.980703204
SM5	0.32266762	-0.627266690
Y8	0.31755422	-0.933002642
M1	0.32998831	-1.780261186
Ard3	-0.12879847	0.063386364
Ard4	-0.13819076	-0.014155728
Ai1	0.09882063	0.979992038
Ai4	-0.24884271	0.690956700
Au4	0.12761048	0.577760816
CdO4	0.20043984	0.697528342
HM5	0.41869653	-1.619314673
M18	0.18117445	-1.841132468
M20	0.10585191	0.653655643
M25	0.10900943	-0.427946783
Y2	0.37277459	-0.320487676
Ai2	-0.28206921	0.182826550
M3	0.18438940	-1.189934918
M19	0.18888990	-1.468220559
Ai3	-0.01468170	0.398012654
Au5	0.36618085	-0.347601665
HM6	0.37722266	-0.471610052
M4	-0.13430797	-0.204890840
M5	0.22047828	-1.434224700
M6	0.08442862	0.811252022
M8	0.18667615	1.006231091
M22	0.28155331	-0.933785683
SM4	0.26517793	0.088600766
Y4	0.19647336	-0.434228484
Au7	0.41552944	-3.384594192
Y5	0.40995238	-1.835987260
Ard1	0.06107346	0.852569063
Au9	0.41624289	0.209365063

Y6	0.16679175	-0.705632200
Y3	0.26442428	0.261878847
M11	0.01705475	0.343343305
Au6	0.32071218	1.101652799
Au8	0.25309438	1.003388312
M23	0.42477767	1.975147404
M24	0.13894192	0.692251622
SM2	0.38462971	0.282017025
SM3	-0.36661919	0.834253158
Au3	0.27039476	-1.064315827
CdO12	0.28966403	0.179817797
HM7	-11.42922591	-0.843986692
M7	0.29104240	0.915023048
M9	0.27136688	-0.245302942
M15	0.30741148	0.134539225
M13	0.27750234	1.459584369
Y1	-0.18143656	0.388737529
O1	-4.36066744	0.009611117
SM1	0.42561285	-0.164101209
HM1	0.37156175	-0.342585990
M10	0.31329766	1.113047281
M12	0.17702951	1.280852242
M16	0.32723019	1.573432197
M21	0.36413505	-0.679602146
O2	0.41552944	-3.384594192
O3	0.41552944	-3.384594192
SM6	0.43136388	-1.469425112
Y7	-0.07054200	0.009307914
CdO14	0.42402689	-1.523356843

Column scores:

	[,1]	[,2]
S1	0.180748098	0.440942880
S2	-0.213234994	0.601587025
S3	-0.212063760	0.735663942
S2S3	0.232572407	0.045835914
S4	0.255037653	0.745213655
S5	0.117326880	0.273778409
S6	0.308331556	0.035373913
S7	0.230951485	-0.111416434
S8	0.428387380	-0.057432478
S9	0.157936745	1.222060266
S10	0.161499559	-0.246882625
S11	0.187940614	0.780138257
S12	0.234515349	0.277770147
RTArmBody	0.270781928	0.417941831
RtHandHipThigh	0.078288831	0.532928320
S13	0.195768954	0.282435017
S14	0.370519878	0.063230958
S15	0.185395537	1.033497814
S16	0.268129875	0.936627339
S17	0.187484811	-0.115247608
S18	0.269381918	0.919306775
S19	0.364535291	1.039116134

LftArmBody 0.335892199 1.042047594
LftHandHipThigh 0.436043761 -0.420127015
S20 0.279600992 0.541960115
S21 0.164867920 0.653830072
S22 0.247264111 0.843353065
Chest 0.437316946 1.340116330
S23 0.233076034 0.185061201
S24 0.157690323 0.257117041
S25 -0.012723563 0.491267647
Pelvis 0.370564992 1.345267553
S26 0.119283377 0.408016552
S27 0.162728129 0.795750103
S28 0.042427828 0.735409976
S29 0.105809206 0.789797777
InterThigh 0.094532257 0.787903094
S30 0.037047951 0.053352907
S31 0.307556755 -0.499500912
S32 0.312632546 0.030702949
S33 0.558799233 1.513205482
S34 0.139096921 0.955165863
S35 0.375314176 0.005062536
S36 0.211258598 0.090143980
S37 0.328100663 0.164906116
S38 -0.026184995 0.924767061
1 -1.106127982 -0.031501579
1HR -0.213485932 0.637353344
1RUA 0.062440038 -0.022210780
2 -1.038660685 0.121843695
2HL -0.054471733 0.887373021
2LUA 0.083077310 1.017813944
3 -0.717391923 1.094990681
3RUA 0.043483474 0.855361923
3RE -0.858609013 0.587455073
3RLA -0.615221532 0.322814484
4 -2.924634022 0.418289281
4LAU -0.050451831 0.379324147
4LE -0.287543733 0.977562268
4LLA 0.034470772 0.181069219
5 -0.097851282 1.434616038
5RLA 0.067510086 0.752563290
5RH 0.107086145 0.419941978
5URL -0.383867071 0.120896402
5RK -0.473484905 -0.170876250
5LRL -0.206117609 1.093927404
6 -2.622214018 0.417261315
6LH -0.713823094 0.386430926
6ULL -0.134860748 0.521265872
6LK -0.035208042 0.146727950
6LLL -0.164480191 1.399675790
7 -0.090689537 -0.302991753
7LRL -0.035744077 0.353263005
7RFoot 0.067265837 0.115665783
8 -0.178579145 0.475444083
8LLL -0.030001271 -0.098259744

8LFoot -1.158090187 -0.334254947
9 -0.177268523 0.857819808
10 -0.389268420 1.388205217
SupraHead -0.006995133 0.292299512
SubFeet 0.154057391 -0.493321469
RightSide 0.392684016 0.357772057
LeftSide 0.376013229 -0.789264126
X -0.866871754 0.554011838
Y -0.806136512 1.176955345
XX 0.288443139 -2.390705323
YY 0.288443139 -2.390705323
A 0.288443139 -2.390705323
B -3.269022141 -1.839860221
C -0.389268420 1.388205217
D -9.958001570 -0.392898529
E -17.878911484 -1.695658684
F -15.114548170 -1.266916575
G -4.675131927 -0.091083545
H -17.878911484 -1.695658684
I -0.216173902 -0.028440357
N 0.292020341 2.021624870
P 0.292020341 2.021624870
f -6.821458230 0.019309752
OTHER1 0.265630258 -1.684627032

C.2.1: Correspondence Analysis of Artifact Assemblage/Categories

Hallstatt Finale

[1] Contexts with no occurrences:

[1] X2Torcs ToiletKit TKTweez TKPoinc MultSpear Shield WhetStone Bovine Ovine

[10] Goat Porcine Canid Ursine X2WheelVeh X4WheelVeh Nail

First canonical correlation(s): 0.5700621 0.4800384

Row scores:

	[,1]	[,2]
Ard2	-0.07887248	0.3566578
Au1	-0.17352221	1.0979744
CdO2	8.29457228	0.5307589
CdO3	4.43218005	0.8076111
CdO5	0.23942781	1.0904682
CdO6	-0.44029648	0.8714725
CdO7	-0.08921685	0.3144967
CdO9	-0.16145013	-1.6200542
CdO10	-0.04702932	1.0408335
CdO11	-0.32970101	0.2401614
CdO13	0.31925511	-0.1876308
HM2	-0.51506275	-3.0211362
HM3	-0.12352562	-1.9668909
HM4	-0.48417097	-1.5308429
HM8	-0.40012710	-1.7060554
M2	-0.12958315	0.6060355
M17	-0.28724751	0.6622380
SM5	-0.44965499	0.8127714
Y8	3.44620892	-0.6045315

Column scores:

	[,1]	[,2]
Vase	-3.301612e-001	8.982086e-001
MultiVase	-1.586283e-001	8.527777e-001
Cauldron	6.045322e+000	-1.259340e+000
Fibula	-2.875151e-001	-1.503835e-001
X2Fibula	9.456842e+000	5.095693e-001
Bracelet	-4.803254e-001	1.058464e+000
X2.Bracelet	-6.245875e-001	-3.470181e+000
Earrings	-1.775229e-001	-1.677192e+000
FingRing	-2.166880e-001	-4.097362e+000
Torc	6.496289e-001	1.041168e+000
Pendant	-2.746061e-001	-2.979369e-001
Buckle	-6.369746e-001	-3.269899e+000
RngBlt	5.600357e-001	-3.908662e-001
TKRazor	-2.166880e-001	-4.097362e+000
Needle	-7.887825e-001	1.693138e+000
MetalRing	-4.627924e-001	-1.391829e+000
Object	1.381122e+000	-7.174042e-001
SusRng	5.600357e-001	-3.908662e-001
Sword	-2.303689e-001	-2.526017e+000

Dagger 5.600357e-001 -3.908662e-001
 Knife -5.783598e-001 5.002962e-001
 Spear -1.828359e-001 1.002725e+000
 Equine -2.832150e-001 -3.374843e+000
 Animal -2.863113e-001 -6.582773e-001
 HumanX -7.723659e-001 1.815423e+000
 Flint -1.383577e-001 7.429776e-001
 Precious -6.163367e-001 -3.703513e-002
 Chainette -5.783598e-001 5.002962e-001
 HorseGear -2.832150e-001 -3.374843e+000
 TOTAL -1.426548e-018 -1.721419e-017

Transitional

> TE.prog2(TRANSart)

[1] Contexts with no occurrences:

[1] Cauldron TKPoinc Shield Goat Canid

First canonical correlation(s): 0.4625230 0.3612094

Row scores:

	[,1]	[,2]
Ai1	0.1502421847	0.085371956
Ai4	0.2760728640	4.783815202
Ard3	0.3449446555	1.182008882
Ard4	0.2244159827	0.335831247
Au2	0.0008608573	-0.623947745
Au4	0.1653611609	-1.349494187
CdO1	0.3007944836	-1.734610699
CdO3	0.2466736298	-0.714154593
CdO4	-0.1006251013	-1.036612413
CdO5	0.1362038033	-0.841754099
CdO10	0.0950232556	-1.503673534
CdO11	0.1146765097	-1.511343820
HM2	0.1583525985	-1.372290329
HM4	0.2622089445	1.848247216
HM5	-7.5101075523	-1.167285117
HM8	-7.8504609763	2.035483572
M1	0.0844781571	0.006737078
M2	0.1970997342	2.119813309
M18	0.6713843705	-0.570576416
M20	0.2244057790	0.454867464
M25	0.2033566062	0.900420212
Y2	0.5354099917	1.280894116
Y8	-1.4247068918	-0.296141731

Column scores:

	[,1]	[,2]
Vase	0.0995188182	0.756757541
MultiVase	0.3837013337	1.927619805
Fibula	-0.2908677154	-0.561063034
X2Fibula	0.2370486829	-1.987378554
Bracelet	0.1520214234	-0.967920097
X2.Bracelet	0.4483199662	-2.610291315

Earrings	0.5100551589	1.862397776
FingRing	0.6707636512	1.354463591
Torc	-0.1523192644	0.080376802
X2Torcs	0.3111572513	1.255722009
Pendant	0.2803425247	1.541160758
Buckle	0.1666852837	0.126199846
RngBlt	0.2712084797	-3.257248636
ToiletKit	0.7457892134	3.272364307
TKRazor	0.5968846329	13.243881963
TKTweez	0.5927286597	2.882578440
Needle	0.2479368866	-4.184120478
MetalRing	0.3042534892	-1.745897195
Object	0.2568099076	0.543020782
SusRng	0.3053627902	0.034576587
Sword	0.4988881324	0.894225246
Dagger	0.2340077027	-0.267700434
Knife	0.3406463825	-1.291250939
Spear	0.3133490327	0.548277405
MultSpear	0.4111523396	4.857634934
WhetStone	0.6503341267	-4.802229681
Bovine	0.4396681061	2.492792573
Ovine	0.4982768779	2.362212609
Porcine	0.4872524968	0.437965083
Equine	0.1826463965	0.018651446
Ursine	0.7457892134	3.272364307
Animal	0.4513095705	3.248562667
HumanX	0.3539942029	1.668078864
X2WheelVeh	0.1826463965	0.018651446
X4WheelVeh	-16.9731260442	5.635189283
Nail	1.0986794733	0.846368334
Flint	0.1826463965	0.018651446
Precious	-13.7530420496	-0.975895594
Chainette	0.2479368866	-4.184120478
HorseGear	-5.5359444170	1.890830725
TOTAL	0.0009452531	-0.006979985

La Tène Ancienne I

```
> TE.prog2(LTA1Art)
[1] Contexts with no occurrences:
[1] Shield Canid X4WheelVeh HorseGear
First canonical correlation(s): 0.3113983 0.2805972
```

Row scores:

	[,1]	[,2]
Ai1	0.1804985072	0.76572234
Ai2	0.0001624946	0.08706405
Ai3	-0.0976597466	0.35570535
Ai4	-0.5116890040	0.09291945
Ard3	-0.5714545668	-0.92615818
Ard4	-1.2679986355	-2.01296227
Au4	2.7541675856	0.33043602
Au5	8.9780852974	-7.76247318

CdO11 3.5333884599 -1.50864705
 HM5 5.8649878855 6.19334850
 HM6 3.1779214905 -4.76652259
 M1 0.2993043221 0.70280604
 M2 0.2506761381 0.19834217
 M3 -0.3287718999 -0.28548693
 M4 -0.7987963771 -0.18498850
 M5 0.4714872544 1.92246421
 M6 0.5946992096 0.31434336
 M19 0.1424409339 1.14220052
 M20 -0.0227160481 0.54007048
 M22 1.4655214977 0.91446957
 M25 0.3925453290 0.43412618
 SM4 5.3928524000 -0.72279333
 Y4 3.2327131052 -3.73090228

Column scores:

	[,1]	[,2]
Vase	-7.257056e-001	-2.239013e-002
MultiVase	2.311997e-002	1.318005e+000
Cauldron	1.260589e+000	1.547151e+000
Fibula	3.358650e+000	-4.056276e-001
X2Fibula	1.679456e+001	-1.667591e+001
Bracelet	1.106434e+000	-1.717427e-001
X2.Bracelet	3.652694e+000	3.475672e+000
Earrings	-2.551821e-001	2.918519e-001
FingRing	1.531531e+000	1.795080e+000
Torc	2.023235e-001	6.022721e-001
X2Torcs	-3.410178e-001	1.417914e+000
Pendant	-2.193868e-001	-8.507927e-001
Buckle	-2.156822e+000	-2.904973e+000
RngBlt	-5.502716e-001	-3.847240e-001
ToiletKit	-1.218103e+000	-8.759583e-001
TKRazor	-2.104195e+000	-1.640591e-001
TKTweez	-1.313253e+000	-1.391107e+000
TKPoinc	-6.752689e-001	7.364829e-001
Needle	-1.200004e+000	6.433234e-001
MetalRing	-8.036609e-001	-1.664150e+000
Object	-1.685686e+000	-2.080915e+000
SusRng	-6.463689e-001	6.497147e-001
Sword	1.654540e-001	-9.547057e-001
Dagger	-5.690825e-001	4.390336e-001
Knife	-1.195057e-001	1.640282e+000
Spear	2.735461e-001	3.963807e-001
MultSpear	3.843835e-001	2.708843e+000
WhetStone	-3.136168e-001	1.267673e+000
Bovine	-2.332197e+000	-4.161375e+000
Ovine	-9.732696e-001	-1.460731e+000
Goat	-3.136168e-001	1.267673e+000
Porcine	-1.555762e+000	-1.494612e+000
Equine	-4.071951e+000	-7.173850e+000
Ursine	-1.835124e+000	-3.300668e+000
Animal	-8.179640e-001	6.691545e-001
HumanX	2.246528e+000	2.553698e+000

X2WheelVeh -8.452564e-001 5.373878e-001
 Nail -1.668955e+000 -1.936829e+000
 Flint 1.555377e+000 -6.712998e+000
 Precious -1.172747e+000 1.028014e+000
 Chainette 3.145720e+000 2.296360e+000
 TOTAL -4.055431e-017 3.212616e-017

La Tène Ancienne II

> TE.prog2(LTA2Art)

[1] Contexts with no occurrences:

[1] Cauldron Earrings X2Torcs TKRazor
 [5] TKTweez TKPoinc Needle WhetStone
 [9] Goat Equine Canid Ursine
 [13] X4WheelVeh HorseGear

First canonical correlation(s): 0.4717104 0.4512388

Row scores:

	[,1]	[,2]
Ard1	-0.62079624	-1.35674606
Ard3	0.70309517	0.12360847
Ard4	0.63034593	0.17983232
Au9	-1.99881253	-1.87186642
M1	-0.36426711	0.15309513
M5	-2.93440806	3.68560688
M19	0.45712032	0.63919173
M20	0.04039606	0.03397914
Y4	-0.65001369	-0.97053908
Y5	0.18244440	0.71715161
Y8	-1.51693381	-0.69819289

Column scores:

	[,1]	[,2]
Vase	1.063872e+000	1.811852e-001
MultiVase	4.312569e-001	5.768562e-001
Fibula	-8.338553e-001	1.052986e+000
X2Fibula	-4.274111e-001	-1.126541e+000
Bracelet	-2.028359e+000	-2.313193e+000
X2.Bracelet	-6.220782e+000	8.167753e+000
FingRing	-5.724930e+000	5.088744e+000
Torc	-7.782156e-001	-9.948848e-001
Pendant	7.078185e-001	4.575523e-001
Buckle	1.179263e+000	3.031259e-001
RngBlt	-4.237372e+000	-4.148283e+000
ToiletKit	1.336298e+000	3.985303e-001
MetalRing	4.277522e-001	-5.109806e-001
Object	8.253300e-001	-1.193807e-002
SusRng	-4.701835e-001	-1.158607e+000
Sword	-1.316054e+000	-3.006714e+000
Dagger	-1.373424e+000	-1.937176e+000
Knife	-1.131320e+000	2.946738e+000
Spear	1.490523e+000	2.739314e-001

MultSpear 1.490523e+000 2.739314e-001
 Shield 8.563741e-002 7.530191e-002
 Bovine 1.397988e+000 3.486907e-001
 Ovine 1.062189e+000 2.865735e-001
 Porcine 1.303767e+000 2.914481e-001
 Animal 9.708196e-001 2.492545e-001
 HumanX 5.025244e-001 1.830447e-001
 X2WheelVeh 1.490523e+000 2.739314e-001
 Nail 1.490523e+000 2.739314e-001
 Flint -6.461778e-001 -1.037765e+000
 Precious 3.867720e-001 1.589295e+000
 Chainette 8.563741e-002 7.530191e-002
 TOTAL -1.680591e-017 4.145685e-017

La Tène Ancienne III

> TE.prog2(LTA3Art)

[1] Contexts with no occurrences:

[1] Cauldron Earrings X2Torcs ToiletKit
 [5] TKRazor TKPoinc Needle Dagger
 [9] WhetStone Bovine Goat Canid
 [13] Ursine HumanX X2WheelVeh X4WheelVeh
 [17] Flint HorseGear

First canonical correlation(s): 0.4907828 0.4380447

Row scores:

	[,1]	[,2]
Ard1	1.23468538	-0.79242165
Ard3	0.95971949	1.15233961
Ard4	1.24650294	1.13558614
Au4	-0.05534133	-0.31801821
Au6	-1.41357062	-0.85776291
Au8	-1.32731273	-0.39580254
CdO11	-0.88268453	-0.16352808
HM3	-0.92725000	-0.15969352
M2	1.49346355	-1.89672855
M5	4.42127536	-7.00917131
M11	-0.65535918	0.16442261
M20	0.73382012	0.54433813
M23	-0.67034674	-0.45200853
M24	-0.53778669	-0.19935627
SM2	-0.50269035	0.12344822
SM3	-0.50269035	0.12344822
SM4	-0.46679256	-0.30938902
Y2	1.32175113	-0.10819923
Y3	-0.59838800	-0.24728106
Y4	-0.64281508	0.03370983
Y5	-0.64757630	-0.13808416
Y6	0.44816246	-1.07751748
Y8	-0.14147568	-0.03401044

Column scores:

[,1]	[,2]
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Vase 1.527654e+000 1.960707e+000
 MultiVase 2.216050e+000 -3.824789e-001
 Fibula -4.934235e-001 1.081517e-001
 X2Fibula -1.316921e+000 -7.566841e-001
 Bracelet -1.115072e+000 -3.108764e-001
 X2.Bracelet -2.882654e-001 -7.764150e-002
 FingRing -1.248160e+000 -6.732740e-001
 Torc 6.854936e-001 3.312810e-001
 Pendant -1.885929e+000 -5.557767e-001
 Buckle -2.355805e+000 -6.584362e-001
 RngBlt -1.458104e+000 -7.462698e-001
 TKTweez 1.955487e+000 2.630644e+000
 MetalRing -1.750525e+000 -5.421368e-001
 Object 9.501993e-001 1.563522e+000
 SusRng 1.077984e+000 -7.480682e-001
 Sword 1.794646e+000 -2.038459e+000
 Knife 1.835385e+000 2.254371e-001
 Spear 1.137219e+000 -1.284949e+000
 MultSpear 9.008619e+000 -1.600104e+001
 Shield 5.869768e-001 7.802602e-001
 Ovine 1.802059e+000 2.167981e+000
 Porcine 2.189223e+000 2.615346e+000
 Equine 1.955487e+000 2.630644e+000
 Animal 1.997151e-001 3.937748e-001
 Nail 2.590934e+000 1.645930e+000
 Precious -9.511184e-001 -7.062956e-001
 Chainette 5.869768e-001 7.802602e-001
 TOTAL -2.880354e-017 2.908473e-017

La Tene Moyenne

> TE.prog2(LTMOYArt)

[1] Contexts with no occurrences:

[1] Earrings X2Torcs TKPoinc Dagger

[5] MultSpear Goat Canid Ursine

[9] HumanX X2WheelVeh X4WheelVeh HorseGear

[1] Sites with no occurrences:

[1]

First canonical correlation(s): 0.7199670 0.7133509

Row scores:

	[,1]	[,2]
Ard1	-0.174896378	0.382231631
Ard2	0.229436777	1.472654516
Au5	0.071307982	-0.645700336
Au6	0.099810293	-0.308434228
Au8	0.028471502	-0.120877034
HM1	-0.096881357	0.240078452
M2	-15.549045310	0.865286195
M7	0.001875415	-0.399575604
M10	-0.013701249	-0.271345410
M12	0.037778655	-0.282881851
M15	-0.279246465	0.567362968

M16 0.025049594 -0.258053515
M20 0.460461165 3.114379027
M21 0.076221840 -0.394073830
M23 0.097005679 -0.179723122
M24 0.082302568 -0.005434791
O2 0.334536851 1.891901411
O3 0.457639792 3.121041658
SM3 0.279799435 -2.527591340
SM4 0.031085756 -0.334166872
SM6 0.006109461 -0.095810532
Y1 0.125723087 -0.086807948
Y2 0.058266841 -0.158887705
Y5 0.074639679 0.475347340
Y6 -0.016972421 -0.662180458
Y7 0.093439055 -0.366258052
Y8 -0.111786389 -0.388279734

Column scores:

	[,1]	[,2]
Vase	-0.792711410	0.02151734
MultiVase	0.331516832	2.22164520
Cauldron	0.635639976	4.37518407
Fibula	0.071860115	-0.22002185
X2Fibula	0.053738104	0.33908947
Bracelet	0.030058610	-0.43504811
X2.Bracelet	0.071140506	-0.58062910
FingRing	0.059957275	-0.31891589
Torc	0.011017555	-0.58118187
Pendant	0.127675351	-0.35782674
Buckle	0.037978407	-0.31739565
RngBlt	-0.001143027	-0.12060624
ToiletKit	0.294272882	2.61869967
TKRazor	0.117378231	2.08962285
TKTweez	0.635639976	4.37518407
Needle	-0.019030385	-0.38038137
MetalRing	0.096556499	0.01418738
Object	0.078245194	0.12701928
SusRng	0.084919909	-0.68940971
Sword	0.060521137	-0.43225538
Knife	0.330507214	2.55381879
Spear	0.050584438	-0.27212077
Shield	0.041204766	-0.23339702
WhetStone	0.388628151	-3.54326490
Bovine	-0.010124623	0.16446580
Ovine	-21.596886847	1.21298809
Porcine	0.635639976	4.37518407
Equine	-0.019030385	-0.38038137
Animal	0.014176480	0.75256390
Nail	0.346126716	-2.69753441
Flint	0.178721205	-0.51198333
Precious	0.269973945	1.31793079
Chainette	0.124525328	-0.12978038