

Backed pieces and their variability in the Later Stone Age of the Horn of Africa

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Outlines / Assemblages

data_eft %>% PCA %>% as_df(retain=2) %>% adonis(PC1+PC2~GROUPING, data=., method="euclidean")

Permutation: free

Number of permutations: 999

Terms added sequentially (first to last)

	Df	SumsOfSqs	MeanSqs	F.Model	R2	Pr(>F)
GROUPING	7	0.15537	2.221955	7.8868	0.26139	0.001
Residuals	156	0.43903	0.00228143		0.73861	
Total	163	0.59439			1.0000	

Outlines / Chronology

data_eft %>% PCA %>% as_df(retain=2) %>% adonis(PC1+PC2~CHRONO, data=., method="euclidean")

Permutation: free

Number of permutations: 999

Terms added sequentially (first to last)

	Df	SumsOfSqs	MeanSqs	F.Model	R2	Pr(>F)
GROUPING	3	0.12723	0.04241	14.525	0.21405	0.001
Residuals	160	0.46716	0.00292		0.78595	
Total	163	0.59439			1.0000	

Open curves / Assemblages

data_left %>% PCA %>% as_df(retain=2) %>% adonis(PC1+PC2~GROUPING, data=., method="euclidean")

Permutation: free

Number of permutations: 999

Terms added sequentially (first to last)

	Df	SumsOfSqs	MeanSqs	F.Model	R2	Pr(>F)
GROUPING	7	8.679	1.23989	7.3297	0.2475	0.001
Residuals	156	26.389	0.16916		0.7525	
Total	163	35.068			1.0000	

Open curves / Chronology

data_left %>% PCA %>% as_df(retain=2) %>% adonis(PC1+PC2~CHRONO, data=., method="euclidean")

Permutation: free

Number of permutations: 999

Terms added sequentially (first to last)

	Df	SumsOfSqs	MeanSqs	F.Model	R2	Pr(>F)
GROUPING	3	6.660	2.22012	12.504	0.18993	0.001
Residuals	160	28.408	0.17755		0.81007	
Total	163	35.068			1.0000	