



Supplementary Material

More Insights into the Evolution of Fat Dormouse in the Old Growth Hyrcanian Forests

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Supplementary Table I.- Justified percentage of variances and eigenvalues of canonical variate analysis (CVA).

Focal vectors	Ventral view			Dorsal view			Lateral view		
	Eigen value	Variance (%)	Cumulative (%)	Eigen value	Variance (%)	Cumulative (%)	Eigen value	Variance (%)	Cumulative (%)
1	5.578	68.676	68.676	4.073	80.030	80.030	7.345	60.767	60.767
2	1.046	12.877	81.563	0.511	10.041	90.070	2.875	23.787	84.555
3	0.908	11.184	92.746	0.266	5.242	95.312	1.186	9.814	94.368
4	0.312	3.849	96.596	0.174	3.421	98.733	0.442	3.663	98.031
5	0.276	3.404	100.000	0.064	1.267	100.000	0.237	1.969	100.000

Supplementary Table II.- Mahalanobis and Procrustes distances between groups for different anatomical views of skull.

	Distances	Caucasus	Europe	Iran	Krasnodar	Macedonia
Dorsal view						
Europe	Mahalanobis	2.9287				
	Procrustes	0.0318				
Iran	Mahalanobis	3.9254	4.3628			
	Procrustes	0.0372	0.0551			
Krasnodar	Mahalanobis	2.7264	3.0174	3.8261		
	Procrustes	0.0220	0.0397	0.0392		
Macedonia	Mahalanobis	2.6159	1.7440	3.9205	2.5126	
	Procrustes	0.0253	0.0342	0.0393	0.0194	
Serbia	Mahalanobis	3.0742	2.0284	4.7851	2.4506	1.5561
	Procrustes	0.0308	0.0343	0.0489	0.0233	0.0136

	Distances	Caucasus	Europe	Iran	Krasnodar	Macedonia
Ventral view						
Europe	Mahalanobis	3.9136				
	Procrustes	0.0201				
Iran	Mahalanobis	5.0100	5.1157			
	Procrustes	0.0275	0.0311			
Krasnodar	Mahalanobis	2.7826	3.4556	4.9737		
	Procrustes	0.0144	0.0200	0.0309		
Macedonia	Mahalanobis	3.9066	3.1548	5.3827	3.3211	
	Procrustes	0.0208	0.0148	0.0309	0.0192	
Serbia	Mahalanobis	3.9167	3.0611	5.1525	3.2661	2.0225
	Procrustes	0.0222	0.0173	0.0311	0.0211	0.0120
Lateral view						
Europe	Mahalanobis	3.9341				
	Procrustes	0.0343				
Iran	Mahalanobis	6.3220	6.6372			
	Procrustes	0.0443	0.0492			
Krasnodar	Mahalanobis	3.9537	4.5783	5.7256		
	Procrustes	0.0416	0.0345	0.0411		
Macedonia	Mahalanobis	5.7681	5.3030	5.6481	4.2402	
	Procrustes	0.0530	0.0350	0.0498	0.0241	
Serbia	Mahalanobis	5.3958	5.1278	5.9636	3.4729	2.2147
	Procrustes	0.0529	0.0353	0.0521	0.0254	0.0132