

Supplementary Table 2 Pairwise  $R_{st}$  values (lower part of table) and P values (upper part of the table) between Southern Slav populations from the Balkans performed using allele frequencies of available data for 23 Y STR loci (B&H - Bosnia and Herzegovina)

Population (entity)	Central Balkan (Serbian)	B&H (Bosnian)	Tuzla, B&H (Bosnian)	Croatia (Croatian)	Zagreb, Croatia (Croatian)	Macedonia (Macedonian)	Ljubljana, Slovenia (Slovenian)
Central Balkan (Serbian)	-	0.187	0.034	0.007	0.038	0.000	0.000
B&H (Bosnian)	0.003	-	0.269	0.037	0.033	0.000	0.000
Tuzla, B&H (Bosnian)	0.012	0.002	-	0.123	0.049	0.000	0.000
Croatia (Croatian)	0.019	0.016	0.007	-	0.369	0.000	0.001
Zagreb, Croatia (Croatian)	0.010	0.017	0.014	0.000	-	0.000	0.022
Macedonia (Macedonian)	0.078	0.115	0.120	0.130	0.092	-	0.000
Ljubljana, Slovenia (Slovenian)	0.046	0.076	0.073	0.041	0.018	0.073	-