

TABLE S8

Pairwise R_{ST} values (below diagonal) and pairwise F_{ST} values (above diagonal) for all Asturian populations and neighboring Spanish autonomous communities, calculated from NRY data. Underlined values are statistically significant ^a.

	Aviles	Caudal	EoNavia	Gijón	Nalón	Narcea	Oriente	Oviedo (Central)	Oviedo (South)	Oviedo (East)	Galicia	Cantabria	Castilla-Leon
Aviles	-	0.055	0.006	0	<u>0.040*</u>	<u>0.082*</u>	0.019	0	0	0	<u>0.073**</u>	<u>0.066**</u>	<u>0.064**</u>
Caudal	0.030	-	0.042	0.023	0.018	0.025	<u>0.040*</u>	<u>0.035*</u>	0	0.010	<u>0.058**</u>	<u>0.092***</u>	<u>0.072**</u>
EoNavia	0.007	<u>0.012*</u>	-	0	<u>0.034*</u>	<u>0.076*</u>	<u>0.049*</u>	0.013	<u>0</u>	<u>0.028*</u>	<u>0.058***</u>	<u>0.058***</u>	<u>0.054***</u>
Gijón	0	0	0	-	<u>0.010*</u>	<u>0.055*</u>	0.028	0	0	0	<u>0.065**</u>	<u>0.069**</u>	<u>0.055**</u>
Nalón	<u>0.121**</u>	0.004	<u>0.032*</u>	<u>0.059*</u>	-	0.004	<u>0.039*</u>	0.005	0	<u>0.047*</u>	<u>0.066***</u>	<u>0.101***</u>	<u>0.077***</u>
Narcea	<u>0.121*</u>	0	<u>0.082*</u>	<u>0.068*</u>	0.042	-	0.028	0.037	0	0.047	<u>0.096***</u>	<u>0.129***</u>	<u>0.105***</u>
Oriente	0.032	0	<u>0.032*</u>	<u>0.041*</u>	<u>0.054*</u>	<u>0.016*</u>	-	<u>0.016*</u>	0	0.003	<u>0.072***</u>	<u>0.077***</u>	<u>0.070***</u>
Oviedo (Central)	0.036	0	0.001	0	0.007	0.039	0.016	-	0	0	<u>0.062***</u>	<u>0.070***</u>	<u>0.059***</u>
Oviedo (South)	0	0	0	0	0	0	0	0	-	0	0	0	0
Oviedo (East)	0	0	0.008	0	0.08	0.056	0.008	0	0	-	<u>0.074***</u>	<u>0.062***</u>	<u>0.064***</u>
Galicia	<u>0.103**</u>	<u>0.065*</u>	<u>0.083***</u>	<u>0.079**</u>	<u>0.130***</u>	<u>0.215***</u>	<u>0.100***</u>	<u>0.077***</u>	0	<u>0.116***</u>	-	0.003	0
Cantabria	<u>0.095**</u>	<u>0.080**</u>	<u>0.081***</u>	<u>0.082**</u>	<u>0.149***</u>	<u>0.217***</u>	<u>0.102***</u>	<u>0.098***</u>	0	<u>0.110***</u>	0.002	-	0
Castilla-Leon	<u>0.103***</u>	<u>0.060*</u>	<u>0.073***</u>	<u>0.076*</u>	<u>0.129***</u>	<u>0.196***</u>	<u>0.096***</u>	<u>0.084***</u>	0	<u>0.120***</u>	0.001	0	-

^a Significance tests were performed with 10,100 permutations.

* = $p < 0.05$

** = $p < 0.01$

*** = $p < 0.001$