

Supplementary Table S2: Supplementary statistical analysis including Isolates in a wide sense and all mountain areas for article “The geography and evolution of language isolates.” Code for producing these outputs is provided in the GitHub directory for this article at [urbam-m/isolates](https://github.com/urbam-m/isolates)

	<i>n</i>	Wilcoxon-Mann-Whitney Test		Bayesian Mixed Effects Logistic Regression			Spatial point pattern test
Main analysis		Mountains	Sea	Mountains	Sea	Interaction	
Isolates in a narrow sense (excluding “unclassifiable” languages), distance to mountain areas with alpine conditions	5,251	W = 211644, $p < .000001$	W = 295520, $p \approx .18$	-0.13 (95% CI [-0.75 0.49])	0.01 (95% CI [-0.84 1.19])	0.04 (95% CI [-0.19 0.44])	S = .75
Ancillary analyses		Mountains	Sea	Mountains	Sea		
Isolates in a narrow sense (excluding “unclassifiable” languages), distance to any mountain area	7,117	W = 650581, $p \approx .11$	W = 654881, $p \approx .92$	-0.10 (95% CI [-0.72 0.59])	-0.16 [-0.84 0.77]	0.06 (95% CI [-0.17 0.36])	S = .92
Isolates in a wide sense (including “unclassifiable” languages), distance to mountain areas with alpine conditions	5,251	W = 284870, $p < .000001$	W = 354771, $p \approx .08$	0.17 (95% CI [-0.19 0.53])	0.18 (95% CI [-0.48 0.90])	-0.05 (95% CI [-0.22 0.12])	S = .75
Isolates in a wide Sense (including “unclassifiable” languages), distance to any mountain area	7,117	W = 690666, $p \approx .08$	W = 802699, $p \approx .99$	0.16 (95% CI [-0.19 0.48])	0.07 (95% CI [-0.62 0.90])	-0.03 (95% CI [-0.19 0.14])	S = .94
Isolates in a narrow sense (excluding “unclassifiable” languages), distance to mountain areas with alpine conditions, with the Papunesia macroarea retained in the random effects structure	5,251	W = 211644, $p < .000001$	W = 295520, $p \approx .18$	-0.15 (95% CI [-0.76 0.42])	-0.02 (95% CI [-0.78 1.01])	0.04 (95% CI [-0.18 0.32])	S = .75
Isolates in a narrow sense, full dataset	7,989						S \approx .99
Isolates in a wide sense, full dataset	7,989						S \approx .99