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

| | n | 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 "unclassificable" languages), distance to mountain areas with alpine conditions | 5,251 | W = 211644, *p* < .000001 | W = 295520, *p* ≈ .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 "unclassificable" langauges), distance to any mountain area | 7,117 | W = 650581, *p* ≈ .11 | W = 654881, *p* ≈ .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 "unclassificable" languages), distance to mountain areas with alpine conditions | 5,251 | W = 284870, *p* < .000001 | W = 354771, p ≈ .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 "unclassificable" langauges), distance to any mountain area | 7,117 | W = 690666, *p* ≈ .08 | W = 802699, *p* ≈ .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, full dataset | 7,989 | | | | | | S ≈ .99 |
| Isolates in a wide sense, full dataset | 7,989 | | | | | | S ≈ .99 |