**Table S2.** *Diadema setosum*. Estimates of Tajima’s *D* and Fu’s *Fs*, and sums of squared deviations comparing observed and expected mismatch distributions of haplotype-pairwise differences under Rogers’ (1995) pure demographic model and Excoffier’s (2004) spatial expansion model, by sample

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sample | Statistic |  | Model |  |
|  | Tajima’s *D* | Fu’s *F*S | Demographic expansion | Spatial expansion |
| Sa1 | -0.422 | -0.373 | 0.206 \*\*\* | 0.196 \*\* |
| Sa2 | -0.717 | 0.804 | 0.112 \*\*\* | 0.088 \* |
| Bat | -1.505 \* | -10.466 \*\* | 0.003 | 0.005 |
| Pa1 | -1.695 \* | -12.638 \*\*\* | 0.002 | 0.004 |
| Pa2 | -1.113 | -6.132 \*\* | 0.009 | 0.012 |
| Pa3 | -1.578 \* | -11.950 \*\*\* | 0.003 | 0.007 |
| Mal | -0.996 | -3.596 \* | 0.011 | 0.015 |
| Bal | -1.885 \* | -20.545 \*\*\* | 0.007 | 0.013 |
| Lo1 | -1.850 \*\* | -16.028 \*\*\* | 0.001 | 0.002 |
| Lo2 | -1.532 \* | -8.768 \*\*\* | 0.001 | 0.002 |
| Lan | -2.241 \*\*\* | -25.614 \*\*\* | 0.002 | 0.003 |
| Si1 | -1.925 \*\* | -18.764 \*\*\* | 0.019 \*\* | 0.006 |
| Si2 | -1.782 \* | -9.312 \*\* | 0.007 | 0.012 |
| Si3 | -1.596 \* | -10.909 \*\*\* | 0.013 | 0.009 |
| Ke1 | -2.203 \*\*\* | -25.310 \*\*\* | 0.008\* | 0.005 |
| Ke2 | -1.860 \* | -25.321 \*\*\* | 0.004 | 0.007 |
| Luw | -2.234 \*\* | -25.666 \*\*\* | 0.001 | 0.001 |
| Ban | -0.612 | -3.200 \* | 0.041 | 0.018 |
| Amb | -1.755 \* | -6.543 \*\* | 0.029 \*\* | 0.021 |
| Jay | – | – | – | – |

\* *P* < 0.05; \*\* *P* < 0.01; \*\*\* *P* < 0.001.