

Table 3 Correlation between maritime distances and the natural logarithm of the contribution for 384 and 740 bp regarding only Jardines del Rey or all aggregations

	Decade or year	Maritime distance	Non adult	Adult	<u>Non adult</u>	<u>Adult</u>
Jardines del Rey (384 bp)	1990s	SMD	-0.14 ₍₁₄₎ / 0.64	0.27 ₍₁₄₎ / 0.35		
		TMD	-0.21 ₍₁₄₎ / 0.46	0.05 ₍₁₄₎ / 0.86		
	2004	SMD	-0.06 ₍₁₄₎ / 0.84			
		TMD	-0.10 ₍₁₄₎ / 0.74		<u>-0.01₍₁₄₎/ 0.98</u>	<u>0.27₍₁₄₎/ 0.35</u>
	2005	SMD	-0.09 ₍₁₄₎ / 0.76		<u>0.20₍₁₄₎/ 0.50</u>	<u>0.15₍₁₄₎/ 0.61</u>
		TMD	-0.06 ₍₁₄₎ / 0.82			
	2000s	SMD		0.22 ₍₁₄₎ / 0.44		
		TMD		0.17 ₍₁₄₎ / 0.55		
Jardines del Rey (740 bp)	2004	SMD	-0.04 ₍₁₃₎ / 0.90			
		TMD	0.42 ₍₁₃₎ / 0.15			
	2005	SMD	-0.15 ₍₁₃₎ / 0.62		<u>-0.02₍₁₃₎/ 0.93</u>	<u>0.27₍₁₃₎/ 0.37</u>
		TMD	0.22 ₍₁₃₎ / 0.47		<u>0.36₍₁₃₎/ 0.19</u>	<u>0.34₍₁₃₎/ 0.25</u>
	2000s	SMD		0.27 ₍₁₃₎ / 0.37		
		TMD		0.37 ₍₁₃₎ / 0.21		
All aggregations (384 bp)	1990s	SMD	-0.09 ₍₁₁₂₎ / 0.32	0.23 ₍₅₆₎ / 0.09		
		TMD	-0.16 ₍₁₁₂₎ / 0.09	0.11 ₍₅₆₎ / 0.41	<u>-0.11₍₁₉₆₎/ 0.13</u>	<u>0.17₍₅₆₎/ 0.20</u>
	2000s	SMD	-0.13 ₍₁₂₆₎ / 0.14	0.07 ₍₂₈₎ / 0.71	<u>-0.11₍₁₉₆₎/ 0.14</u>	<u>0.08₍₅₆₎/ 0.54</u>
		TMD	-0.10 ₍₁₂₆₎ / 0.26	0.01 ₍₂₈₎ / 0.98		
All aggregations (740 bp)	2000s	SMD	-0.15 ₍₁₀₄₎ / 0.14	0.11 ₍₂₆₎ / 0.58	<u>-0.15₍₉₆₎/ 0.15</u>	<u>0.16₍₂₁₎/ 0.50</u>
		TMD	-0.06 ₍₁₀₄₎ / 0.56	0.13 ₍₂₆₎ / 0.52	<u>-0.11₍₉₆₎/ 0.28</u>	<u>0.19₍₂₁₎/ 0.40</u>

Note: The correlations (Pearson coefficient _(N)/ probability) obtained from MSAgr are underlined. SMD: shortest maritime distance between rookeries and aggregations, TMD: maritime distance between rookeries and aggregate assuming a sea turtle trajectory similar to that is of the passive dispersion of particles on regional ocean currents (see Blumenthal et al. 2009a)