

S3 Table. Effectiveness of the Intergovernmental Panel on Climate Change’s (IPCC’s) likelihood scale [8] for defining habitat predictions made by the Plover Habitat Bayesian network (BN).

Under this scale, a combination of landscape characteristics was considered ‘likely habitat’ if it was associated with a BN probability ≥ 0.66 , ‘uncertain’ with a probability 0.33–0.66, and ‘unlikely habitat’ with a probability ≤ 0.33 . We assumed that the IPCC scale accurately delineated habitat if the landscape characteristics associated with the majority of piping plover nest points had a probability ≥ 0.66 of being habitat and if the characteristics associated with the majority of random points had a probability ≤ 0.33 of being habitat.

	Nests	Random Points
Total # Points	289	278
# Points where $p \geq 0.66$ (%)	281 (98%)	26 (9%)
# Points where $0.33 < p < 0.66$ (%)	8 (3%)	16 (6%)
[# Points where $p = 0.5$ (%)]	[2 (1%)]	[8 (3%)]
# Points where $p \leq 0.33$ (%)	0	236 (85%)