

Supplementary material

Table S1

Complete dataset identifying the date, specific coordinates (latitude and longitude), body mass of individual Humboldt Penguins *Spheniscus humboldti* upon rescue, sex (ND = not determined), and season.

ID	Site	Date	Latitude	Longitude	Mass (kg)	Season	Sex
1	El Tabo, San Antonio	1/19/2011	-33.46	-71.66	2.43	Summer	Female
2	Los Vilos	4/20/2012	-31.91	-71.5	4	Fall	Male
3	Playa Chungungo, Puchuncaví	1/25/2013	-32.65	-71.44	2	Summer	ND
4	Playa Grande Cachagua, Zapallar	1/27/2013	-32.58	-71.45	1	Summer	ND
5	Puerto de Coquimbo	1/29/2013	-29.95	-71.34	2	Summer	ND
6	Playa Changa, Coquimbo	2/1/2013	-29.96	-71.33	2	Summer	ND
7	Sector La Ballena, La Ligua	2/3/2013	-32.28	-71.47	2	Summer	ND
8	Playa Ventana, Puchuncaví	2/4/2013	-32.74	-71.49	2	Summer	ND
9	Sector La Ballena, La Ligua	2/5/2013	-32.28	-71.47	2	Summer	ND
10	Caleta San Pedro, La Serena	2/7/2013	-29.88	-71.27	2	Summer	ND
11	Playa Agata, Puchuncaví	1/5/2015	-32.67	-71.44	2	Summer	ND
12	Playa El sector Longotoma	1/10/2015	-32.39	-71.41	2.8	Summer	ND
13	Playa El Tebo, Puchuncaví	1/22/2015	-32.73	-71.5	2	Summer	ND
14	Playa Horcón	1/23/2015	-32.72	-71.48	2.8	Summer	ND
15	Playa Horcón	1/25/2015	-32.72	-71.48	2.8	Summer	ND
16	Playa El Claron, Puchuncaví	1/25/2015	-32.71	-71.49	2	Summer	ND
17	Concon	1/31/2015	-32.93	-71.52	2.6	Summer	Male
18	Playa Aguas Blancas, Puchuncaví	2/1/2015	-32.66	-71.44	2	Summer	ND
19	Playa Loncura, Quintero	2/1/2015	-32.78	-71.51	2	Summer	ND
20	Playa Longotoma, La Ligua	2/10/2015	-32.39	-71.41	2	Summer	ND
21	Maitencillo, Puchuncaví	9/8/2015	-32.65	-71.44	2.5	Winter	ND
22	Playa Cachagua, Zapallar	10/13/2015	-32.58	-71.45	2.38	Spring	ND
23	Muelle Salas, Puerto Aysen	1/14/2016	-45.4	-72.6864	3.742	Summer	Male
24	Maitencillo, Puchuncavi	2/19/2016	-32.65	-71.44		Summer	ND
25	Puntilla Sanfuentes, Quintero	6/9/2016	-32.78	-71.54241	1.5	Fall	ND
26	El Claron, Puchuncaví	8/10/2016	-32.71	-71.49	1.5	Winter	ND
27	Playa El Caleuche, Quintero	10/10/2016	-32.77	-71.53	2	Spring	ND
28	Playa El Faro, La Serena	1/23/2017	-29.91	-71.27	2.4	Summer	ND
29	Playa Cachagua, Zapallar	2/4/2017	-32.58	-71.45		Summer	ND
30	Playa Paraíso, Antofagasta	2/15/2017	-23.64	-70.3975	2.542	Summer	ND
31	Caleta Horcón, Puchuncaví	3/13/2017	-32.71	-71.49	2.8	Summer	ND
32	La Ballena, La Ligua	4/17/2017	-32.28	-71.47	2.8	Fall	ND
33	Playa Abanico, Puchuncaví	8/28/2017	-32.64	-71.43	2	Winter	ND

34	Playa Grande la Herradura, Coquimbo	2/8/2018	-29.98	-71.35	2.36	Summer	Female
35	-	1/1/2019	-	-	1.882	Summer	ND
36	Playa Cau Cau, Puchuncaví	1/10/2019	-32.71	-71.5	3	Summer	ND
37	-	1/14/2019			1.902	Summer	ND
38	Playa La Herradura, Coquimbo	1/30/2019	-29.98	-71.35	1.75	Summer	ND
39	Caleta Horcón	2/2/2019	-32.71	-71.49		Summer	Female
40	Playa Cau Cau, Puchuncaví	2/21/2019	-32.71	-71.5	2	Summer	ND
41	Playa Cachagua, Zapallar	3/22/2019	-32.58	-71.5	2	Fall	ND
42	Playa Las Conchitas, Quintero	4/4/2019	-32.77	-71.53	2	Fall	ND
43	Caleta Horcón	8/17/2019	-32.71	-71.49	1.972	Winter	Female
44	Playa Quilen, Puchuncaví	8/17/2019	-32.71	-71.47	2	Winter	ND
45	-	9/1/2019	-	-	2.36	Winter	Female
46	Playa El Canelo, Algarrobo	9/9/2019	-33.37	-71.69	2.6	Winter	ND
47	Playa Maitencillo	12/25/2019	-32.65	-71.44	3.046	Summer	Male
48	-	1/2/2020	-	-	1.9	Summer	ND
49	Maitencillo	1/10/2020	-32.65	-71.44	2.8	Summer	ND
50	Muelle Vergara, Viña del Mar	1/11/2020	-33.01	-71.55	2.8	Summer	ND
51	Zapallar	1/21/2020	-32.55	-71.46	3.2	Summer	ND
52	Quintero	1/22/2020	-32.77	-71.53	2.5	Summer	Male
53	Playa Zapallar	8/7/2020	-32.55	-71.46	3.2	Winter	ND
54	Playa las Cujas, Zapallar	8/17/2020	-32.58	-71.45	2.32	Winter	Male
55	Quintero	12/10/2020	-32.77	-71.53	1.93	Spring	ND
56	Punta Chungo, Los Vilos	12/18/2020	-31.91	-71.51	2.38	Spring	ND
57	Punta de choros, Coquimbo	1/12/2021	-29.25	-71.46	2.76	Summer	ND
58	Coquimbo	3/20/2021	-29.96	-71.34	1.8	Summer	ND
59	Coquimbo	3/20/2021	-29.96	-71.34	1.8	Summer	ND
60	El Tebo, Horcón	-	-32.73	-71.5	2.4	-	ND
61	Coquimbo	-	-29.96	-71.34	2.2	-	ND
62	Coquimbo	-	-29.96	-71.34	-	-	ND
63	Loncura	-	-32.78	-71.51	2.2	-	ND
64	Huentelauquén norte	-	-31.58	-71.5	1.6	-	ND

Figure S1. Tukey post hoc test for the Kruskal-Wallis analysis comparing strandings of bilaterally blind Humboldt Penguins *Spheniscus humboldti* by season.

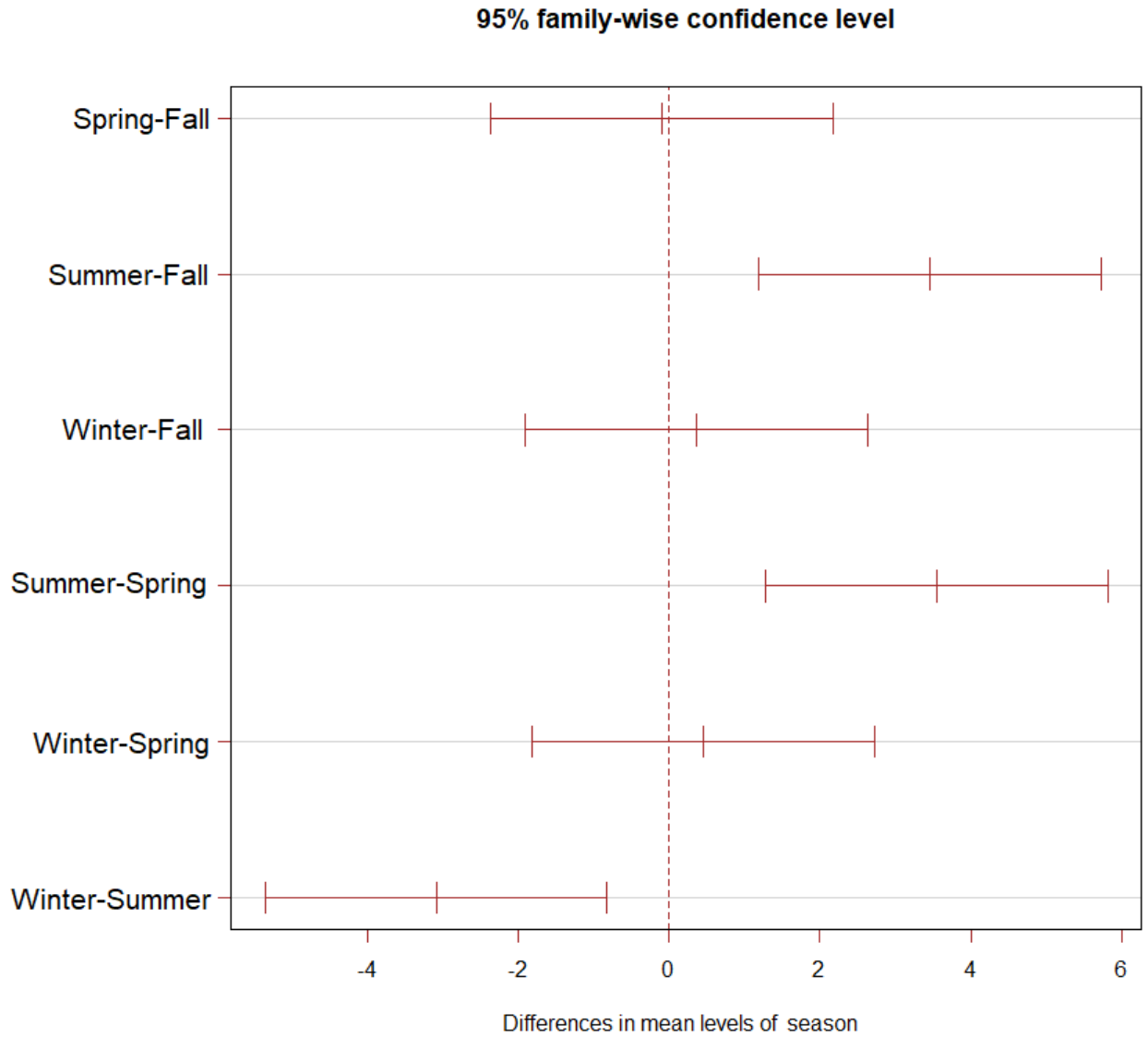


Figure S2. The geographic distribution of stranded Humboldt Penguins *Spheniscus humboldti* in Chile having bilateral blindness (green points). The main regional cities (pink areas) are shown for geographic reference.

