

Electronic Supplementary Material

How does social behavior differ among sperm whale clans?

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Table S1 Summary of the social metrics among social units of two vocal clans of sperm whales off the Galápagos Islands (Plus-One and Regular): unit size (number of photo-identified individuals), mean cluster size while foraging (number of individuals), dive synchrony (residuals of no-dive gap in minutes, from the dive synchrony regression model), social differentiation (*S*), association indices (HWI).

Clan	Social Unit	Social unit size	Cluster size $\bar{x} \pm SD^a$	Dive synchrony $\bar{x} \pm SD^a$	<i>S</i> $\pm SE^b$	HWI $\bar{x} \pm SD$
Plus-One	D	14	1.42 \pm 0.06	-0.17 \pm 3.36	0.00 \pm 0.37	0.16 \pm 0.21
Plus-One	F	12	2.01 \pm 0.45	-1.08 \pm 2.21	0.00 \pm 0.25	0.17 \pm 0.17
Plus-One	G	11	-	-	0.60 \pm 0.20	0.22 \pm 0.34
Plus-One	N	6	1.34	-	0.00 \pm 0.09	0.41 \pm 0.16
Plus-One	Q	6	1.85	3.21	0.00 \pm 0.40	0.27 \pm 0.27
Regular	A	24	1.68 \pm 0.34	3.68 \pm 5.06	0.67 \pm 0.10	0.10 \pm 0.14
Regular	B	22	1.45 \pm 0.08	2.28 \pm 1.45	0.33 \pm 0.16	0.21 \pm 0.17
Regular	E	18	1.30	6.46	0.79 \pm 0.07	0.15 \pm 0.20
Regular	J	9	1.79 \pm 0.38	8.31	0.74 \pm 0.34	0.15 \pm 0.22
Regular	I	6	1.50 \pm 0.18	13.05	0.00	0.11 \pm 0.13
Regular	K	13	1.89 \pm 0.49	8.30	0.22 \pm 0.36	0.14 \pm 0.22
Regular	L	11	1.63 \pm 0.31	3.92 \pm 2.78	0.00 \pm 0.29	0.27 \pm 0.17
Regular	O	8	1.20	-	0.33 \pm 0.30	0.07 \pm 0.13
Regular	P	9	1.56 \pm 0.34	-	0.52 \pm 0.34	0.09 \pm 0.16
Regular	S	6	1.49 \pm 0.22	4.51 \pm 7.65	0.00	0.07 \pm 0.15

^aSD: standard deviation; ^bSE: standard error; Dashes indicate unavailable data.