Brost, B. M., M. B. Hooten, E. M. Hanks, and R. J. Small. 2016. Animal movement constraints improve resource selection inference in the presence of telemetry error. Ecology.

Appendix E. Estimated Argos satellite telemetry error by location class.

Table E1. Estimated percentiles of Argos satellite telemetry error (i.e., $\| \mathbf{s}_t - \boldsymbol{\mu}_t \|$) by location class.

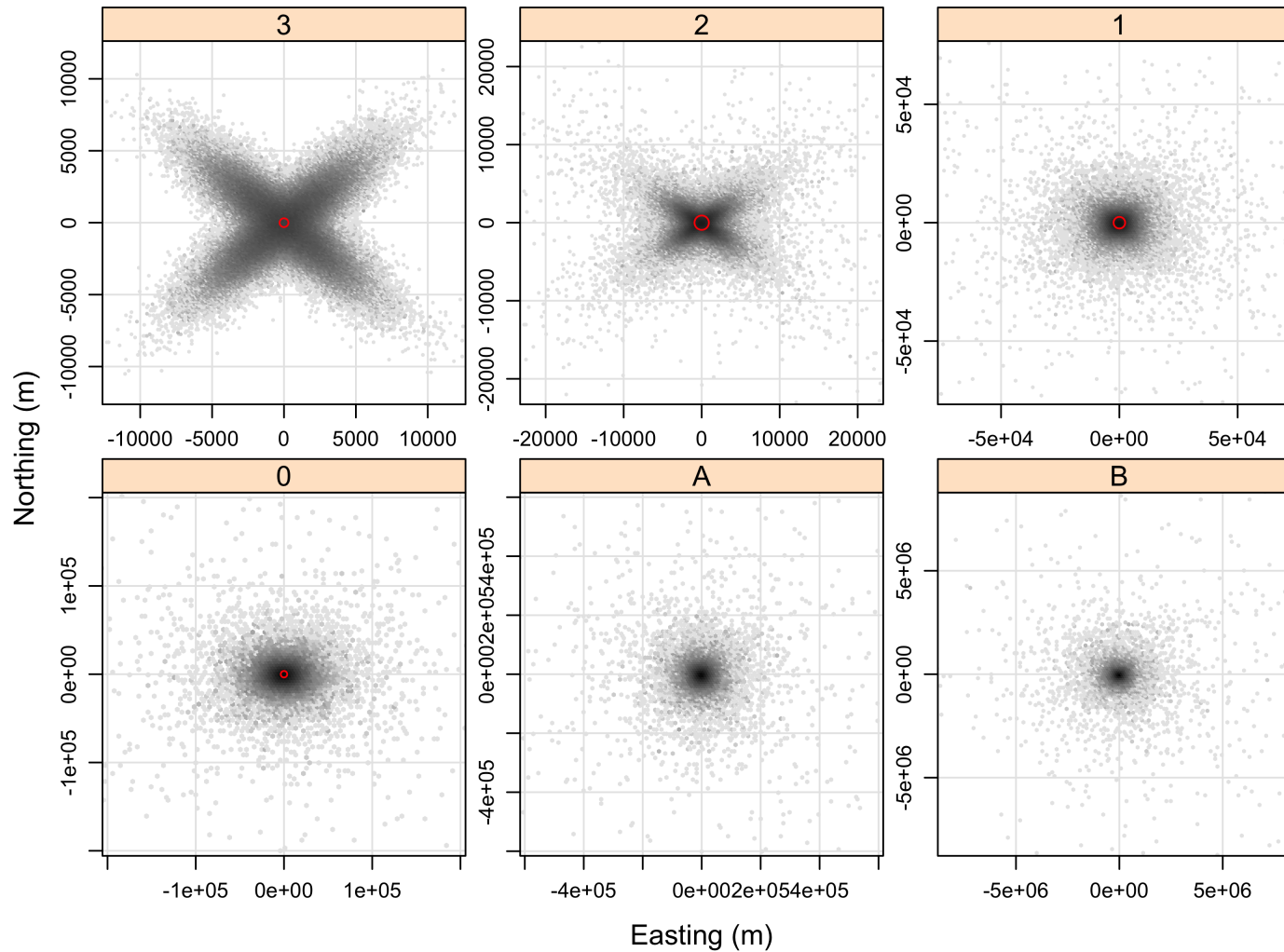| Argos location class	50th percentile error (m)	68th percentile error (m)	95th percentile error (m)
3	2156	3035	6054
2	1158	1727	4975
1	1764	2656	9049
0	3462	5281	19513
A	4203	6760	33920
B	21042	35980	235963

Figure E1. Estimated distribution of Argos satellite telemetry errors (i.e., $\mathbf{s}_t - \boldsymbol{\mu}_t$) by location class. Red circles denote error estimates provided by Argos for location classes 3, 2, 1, and 0. Argos does not provide error estimates for location classes A and B. The x-shaped pattern in Argos errors is particularly evident for location classes 3 and 2 ($\rho = 0.85$ and 0.74, respectively). Errors in class 0 are distinctly elliptical with larger errors in the longitude direction ($a = 0.50$).