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West of Orkney Windfarm

Offshore Ornithology Supplementary Environmental Information

Annex 1F: Design-based analysis density estimates from each survey recorded of flying birds

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1.1 Arctic Skua

Table 1. Density of Arctic skua recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0.01 (0.01)	0.01	0-0.04	0.97	0.01 (0.01)	0.01	0-0.03	0.96	0.01 (0.01)	0.01	0-0.02	0.97
Jul-2022	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.02	0.94
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.2 Arctic Tern

Table 2. Density of Arctic tern recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0.15 (0.14)	0.16	0-0.46	0.90	0.11 (0.1)	0.12	0-0.34	0.92	0.09 (0.08)	0.09	0-0.26	0.89
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0.03 (0.02)	0.03	0-0.08	0.79	0.02 (0.02)	0.02	0-0.04	0.78
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.02	0.96
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0.02 (0.02)	0.02	0-0.06	0.66	0.05 (0.03)	0.05	0-0.13	0.65	0.04 (0.03)	0.04	0-0.1	0.65
Aug-2022	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.89	0.01 (0.01)	0.01	0-0.03	0.66
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.3 Auk sp.

Table 3. Density of auk sp. recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0.01 (0.01)	0.01	0-0.04	0.85	0.01 (0.01)	0.01	0-0.03	0.87	0.01 (0.01)	0.01	0-0.02	0.86
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0.01 (0.01)	0.01	0-0.04	0.98	0.01 (0.01)	0.01	0-0.03	0.90	0.01 (0.01)	0.01	0-0.02	0.93
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.89	0.01 (0.01)	0.01	0-0.02	0.89
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.02	0.79
Sep-2021	0.01 (0.01)	0.01	0-0.04	0.87	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.96
Oct-2021	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.99	0.01 (0.01)	0.01	0-0.02	0.97
Nov-2021	0.01 (0.01)	0.01	0-0.04	0.91	0.02 (0.01)	0.02	0-0.04	0.65	0.01 (0.01)	0.01	0-0.03	0.65
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0.05 (0.03)	0.05	0-0.11	0.57	0.03 (0.02)	0.03	0-0.08	0.56	0.03 (0.01)	0.03	0-0.06	0.56
May-2022	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.95	0.01 (0.01)	0.01	0-0.03	0.62
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.02	0.89
Jul-2022	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.95	0.03 (0.02)	0.03	0-0.08	0.75
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.4 Black-headed Gull

Table 4. Density of black-headed gull recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0.01 (0.01)	0.01	0-0.04	0.93	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.91
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.5 Black Guillemot

Table 5. Density of black guillemot recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0.01 (0.01)	0.01	0-0.04	0.88	0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.02	0.95
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.6 Common Gull

Table 6. Density of common gull recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0	0-0		0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.02	0.9
May-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.7 Common Tern

Table 7. Density of common tern recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0	0-0		0.01 (0.01)	0.01	0-0.03	0.84	0.01 (0.01)	0.01	0-0.03	0.54
Sep-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.8 Cory's Shearwater

Table 8. Density of Cory's shearwater recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0.01 (0.01)	0.01	0-0.04	0.98	0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.02	0.94
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.9 European Storm-petrel

Table 9. Density of European storm-petrel recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.02	0.96
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.07 (0.07)	0.07	0-0.22	0.90
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0.31 (0.11)	0.30	0.11-0.53	0.36	0.25 (0.09)	0.25	0.1-0.44	0.35	0.24 (0.07)	0.24	0.11-0.39	0.30
Sep-2021	0.05 (0.02)	0.05	0.01-0.09	0.48	0.04 (0.02)	0.04	0.01-0.08	0.41	0.03 (0.01)	0.03	0.01-0.06	0.41
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.10 Fulmar

Table 10. Density of fulmar recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0.21 (0.05)	0.21	0.11-0.31	0.24	0.27 (0.05)	0.27	0.18-0.37	0.18	0.32 (0.05)	0.32	0.23-0.42	0.15
Aug-2020	0.55 (0.19)	0.55	0.22-0.95	0.35	0.46 (0.14)	0.46	0.22-0.76	0.30	0.43 (0.12)	0.42	0.21-0.68	0.28
Sep-2020	0.64 (0.13)	0.63	0.39-0.91	0.20	0.8 (0.21)	0.79	0.45-1.27	0.26	0.73 (0.17)	0.74	0.47-1.13	0.24
Oct-2020	0.61 (0.12)	0.62	0.39-0.87	0.20	0.69 (0.1)	0.69	0.5-0.88	0.14	0.72 (0.09)	0.72	0.55-0.91	0.13
Nov-2020	0.79 (0.19)	0.79	0.44-1.21	0.24	0.75 (0.15)	0.76	0.5-1.07	0.20	1.03 (0.23)	1.04	0.58-1.43	0.23
Dec-2020	1.76 (0.48)	1.79	0.98-2.77	0.27	2.89 (1)	2.90	1.33-5.06	0.35	3.01 (0.81)	2.99	1.63-4.63	0.27
Jan-2021	1.04 (0.13)	1.04	0.8-1.31	0.13	1.18 (0.12)	1.18	0.95-1.43	0.10	1.3 (0.1)	1.30	1.12-1.49	0.07
Feb-2021	0.15 (0.05)	0.15	0.07-0.26	0.30	0.21 (0.04)	0.21	0.14-0.29	0.20	0.24 (0.04)	0.24	0.17-0.31	0.16
Mar-2021	1.04 (0.31)	1.05	0.58-1.76	0.30	0.98 (0.24)	0.99	0.61-1.5	0.24	0.96 (0.2)	0.97	0.64-1.39	0.20
Apr-2021	0.13 (0.03)	0.13	0.07-0.2	0.25	0.15 (0.03)	0.15	0.1-0.2	0.20	0.18 (0.03)	0.18	0.13-0.25	0.17
May-2021	0.07 (0.03)	0.07	0.02-0.13	0.39	0.23 (0.07)	0.23	0.11-0.37	0.29	0.18 (0.05)	0.18	0.09-0.28	0.28
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0.21 (0.05)	0.21	0.13-0.31	0.21	0.18 (0.04)	0.18	0.11-0.26	0.20	0.23 (0.03)	0.23	0.16-0.29	0.15
Aug-2021	0.41 (0.08)	0.41	0.27-0.58	0.19	0.41 (0.06)	0.41	0.29-0.54	0.16	0.41 (0.05)	0.42	0.31-0.52	0.13
Sep-2021	0.34 (0.06)	0.34	0.22-0.46	0.17	0.35 (0.05)	0.34	0.24-0.44	0.15	0.38 (0.05)	0.37	0.28-0.46	0.13
Oct-2021	0.98 (0.58)	0.99	0.2-2.29	0.59	0.87 (0.41)	0.86	0.29-1.79	0.47	1.03 (0.33)	1.04	0.42-1.72	0.32
Nov-2021	0.47 (0.08)	0.47	0.32-0.65	0.17	0.54 (0.07)	0.53	0.42-0.68	0.13	1.55 (0.47)	1.54	0.74-2.52	0.30
Dec-2021	1.89 (0.48)	1.87	1.04-2.87	0.25	1.56 (0.34)	1.55	0.95-2.34	0.22	1.29 (0.27)	1.29	0.82-1.86	0.21
Feb-2022	1.05 (0.14)	1.06	0.8-1.33	0.13	1.1 (0.11)	1.10	0.89-1.33	0.10	1.24 (0.1)	1.24	1.07-1.43	0.08
Feb-2022	1.26 (0.23)	1.27	0.84-1.73	0.18	1.44 (0.28)	1.45	0.96-2.03	0.20	1.53 (0.22)	1.53	1.12-1.96	0.14
Mar-2022	2.02 (0.23)	2.01	1.6-2.47	0.11	2.02 (0.18)	2.02	1.68-2.39	0.09	1.97 (0.14)	1.97	1.7-2.27	0.07
Apr-2022	0.64 (0.1)	0.64	0.46-0.84	0.15	0.57 (0.08)	0.57	0.43-0.73	0.13	0.54 (0.06)	0.55	0.42-0.68	0.11
May-2022	0.15 (0.04)	0.15	0.08-0.24	0.26	0.2 (0.04)	0.20	0.13-0.28	0.19	0.19 (0.03)	0.19	0.13-0.26	0.16
Jun-2022	0.15 (0.04)	0.15	0.07-0.24	0.29	0.16 (0.04)	0.16	0.09-0.23	0.24	0.13 (0.03)	0.13	0.08-0.19	0.22
Jul-2022	0.36 (0.07)	0.36	0.22-0.51	0.20	0.33 (0.06)	0.33	0.22-0.43	0.17	0.29 (0.05)	0.29	0.21-0.38	0.16
Aug-2022	0.46 (0.07)	0.46	0.33-0.58	0.14	0.44 (0.05)	0.43	0.34-0.54	0.12	0.45 (0.05)	0.45	0.36-0.55	0.10
Sep-2022	0.51 (0.09)	0.50	0.34-0.67	0.17	0.5 (0.07)	0.50	0.37-0.64	0.14	0.47 (0.06)	0.47	0.36-0.59	0.13

1.11 Gannet

Table 11. Abundance of gannet recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0.32 (0.12)	0.32	0.13-0.57	0.37	0.3 (0.08)	0.30	0.15-0.48	0.27	0.46 (0.14)	0.45	0.21-0.77	0.32
Aug-2020	0.39 (0.08)	0.39	0.23-0.57	0.22	0.33 (0.07)	0.33	0.2-0.46	0.20	0.34 (0.06)	0.34	0.23-0.45	0.17
Sep-2020	0.89 (0.18)	0.88	0.57-1.26	0.20	0.84 (0.14)	0.83	0.58-1.13	0.16	0.77 (0.11)	0.77	0.57-1	0.14
Oct-2020	0.56 (0.12)	0.56	0.34-0.8	0.21	0.43 (0.09)	0.44	0.27-0.62	0.21	0.4 (0.07)	0.39	0.26-0.56	0.18
Nov-2020	0.01 (0.01)	0.01	0-0.04	0.95	0.03 (0.02)	0.03	0-0.07	0.71	0.03 (0.01)	0.03	0-0.05	0.53
Dec-2020	0.05 (0.02)	0.05	0.01-0.09	0.43	0.03 (0.02)	0.03	0.01-0.06	0.44	0.03 (0.01)	0.03	0.01-0.05	0.44
Jan-2021	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.02	0.99
Feb-2021	0.08 (0.03)	0.08	0.02-0.14	0.34	0.08 (0.02)	0.08	0.03-0.13	0.30	0.07 (0.02)	0.07	0.03-0.11	0.28
Mar-2021	0.04 (0.02)	0.04	0-0.07	0.53	0.06 (0.02)	0.06	0.03-0.1	0.35	0.07 (0.02)	0.07	0.03-0.11	0.32
Apr-2021	0.28 (0.07)	0.29	0.17-0.44	0.26	0.29 (0.06)	0.30	0.19-0.42	0.20	0.28 (0.05)	0.28	0.19-0.39	0.18
May-2021	0.38 (0.11)	0.38	0.18-0.61	0.29	0.33 (0.09)	0.33	0.18-0.51	0.26	0.36 (0.08)	0.36	0.21-0.52	0.21
Jun-2021	0.25 (0.06)	0.25	0.13-0.37	0.24	0.24 (0.05)	0.24	0.16-0.33	0.19	0.22 (0.04)	0.22	0.15-0.29	0.17
Jul-2021	0.28 (0.07)	0.28	0.15-0.43	0.24	0.29 (0.06)	0.29	0.18-0.42	0.21	0.27 (0.05)	0.28	0.19-0.39	0.18
Aug-2021	0.6 (0.12)	0.60	0.4-0.83	0.19	0.62 (0.11)	0.62	0.42-0.86	0.18	0.94 (0.33)	0.93	0.48-1.69	0.35
Sep-2021	0.67 (0.12)	0.67	0.46-0.92	0.17	0.68 (0.1)	0.68	0.49-0.88	0.14	0.75 (0.1)	0.75	0.58-0.94	0.13
Oct-2021	0.6 (0.1)	0.60	0.4-0.8	0.17	0.58 (0.08)	0.57	0.42-0.72	0.14	0.52 (0.06)	0.52	0.4-0.64	0.13
Nov-2021	0.01 (0.01)	0.01	0-0.04	0.94	0.03 (0.01)	0.03	0-0.05	0.53	0.03 (0.01)	0.03	0.01-0.05	0.47
Dec-2021	0.01 (0.01)	0.01	0-0.04	0.91	0.02 (0.01)	0.02	0-0.04	0.67	0.02 (0.01)	0.02	0-0.04	0.53
Feb-2022	0.02 (0.02)	0.02	0-0.07	0.92	0.03 (0.02)	0.03	0-0.07	0.73	0.07 (0.03)	0.07	0.02-0.13	0.44
Feb-2022	0.09 (0.03)	0.10	0.04-0.15	0.32	0.08 (0.02)	0.08	0.03-0.12	0.30	0.07 (0.02)	0.07	0.03-0.11	0.29
Mar-2022	0.22 (0.05)	0.23	0.13-0.33	0.24	0.23 (0.04)	0.23	0.15-0.32	0.20	0.21 (0.04)	0.21	0.14-0.28	0.18
Apr-2022	0.32 (0.07)	0.32	0.19-0.47	0.23	0.32 (0.06)	0.32	0.22-0.43	0.18	0.3 (0.05)	0.30	0.21-0.4	0.16
May-2022	0.09 (0.03)	0.09	0.04-0.15	0.32	0.11 (0.03)	0.11	0.05-0.18	0.30	0.19 (0.06)	0.20	0.1-0.33	0.31
Jun-2022	0.18 (0.05)	0.18	0.08-0.29	0.31	0.13 (0.04)	0.13	0.05-0.22	0.32	0.1 (0.03)	0.10	0.04-0.16	0.30
Jul-2022	0.31 (0.08)	0.31	0.17-0.46	0.25	0.29 (0.06)	0.29	0.19-0.41	0.20	0.27 (0.05)	0.27	0.19-0.37	0.17
Aug-2022	0.05 (0.02)	0.05	0.01-0.1	0.46	0.09 (0.04)	0.09	0.03-0.17	0.42	0.13 (0.03)	0.13	0.07-0.2	0.27
Sep-2022	0.29 (0.06)	0.29	0.18-0.42	0.22	0.34 (0.07)	0.34	0.22-0.48	0.19	0.46 (0.07)	0.47	0.33-0.61	0.15

1.12 Great Black-backed Gull

Table 12. Density of great black-backed gull recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.96	0.02 (0.01)	0.02	0-0.05	0.67
Nov-2020	0.09 (0.03)	0.09	0.04-0.15	0.34	0.09 (0.03)	0.09	0.03-0.15	0.33	0.07 (0.02)	0.07	0.03-0.11	0.33
Dec-2020	0.01 (0.01)	0.01	0-0.04	0.94	0.02 (0.02)	0.02	0-0.05	0.87	0.03 (0.02)	0.03	0.01-0.07	0.47
Jan-2021	0.04 (0.02)	0.03	0-0.08	0.65	0.03 (0.02)	0.03	0-0.07	0.67	0.02 (0.01)	0.02	0-0.05	0.66
Feb-2021	0.02 (0.02)	0.02	0-0.06	0.64	0.02 (0.01)	0.02	0-0.04	0.67	0.06 (0.03)	0.06	0.01-0.13	0.56
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0)	0.01	0-0.01	0.70
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0.02 (0.02)	0.02	0-0.07	0.90	0.02 (0.02)	0.02	0-0.05	0.94	0.01 (0.01)	0.01	0-0.04	0.99
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0.02 (0.02)	0.02	0-0.06	0.66	0.06 (0.02)	0.06	0.03-0.1	0.33	0.06 (0.02)	0.06	0.03-0.09	0.29
Dec-2021	0.17 (0.05)	0.17	0.08-0.27	0.30	0.17 (0.04)	0.17	0.1-0.26	0.23	0.16 (0.03)	0.16	0.1-0.23	0.19
Feb-2022	0.01 (0.01)	0.01	0-0.04	0.81	0.01 (0.01)	0.01	0-0.03	0.80	0.03 (0.01)	0.03	0.01-0.05	0.48
Feb-2022	0.07 (0.03)	0.07	0.02-0.12	0.36	0.07 (0.02)	0.07	0.03-0.11	0.33	0.06 (0.02)	0.06	0.03-0.09	0.30
Mar-2022	0.01 (0.01)	0.01	0-0.04	0.90	0.02 (0.01)	0.02	0-0.04	0.64	0.02 (0.01)	0.02	0-0.04	0.51
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.13 Great Northern Diver

Table 13. Density of great northern diver recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0.01 (0.01)	0.01	0-0.04	0.91	0.01 (0.01)	0.01	0-0.03	0.9	0.01 (0.01)	0.01	0-0.02	0.91
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.14 Great Shearwater

Table 14. Density of great shearwater recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0	0-0		0 (0)	0	0-0		0.01 (0.01)	0.01	0-0.02	0.87

1.15 Great Skua

Table 15. Density of great skua recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0.01 (0.01)	0.01	0-0.04	0.89	0.02 (0.01)	0.02	0-0.04	0.59	0.01 (0.01)	0.01	0-0.03	0.57
Aug-2020	0.1 (0.05)	0.10	0.01-0.21	0.50	0.07 (0.04)	0.07	0.01-0.15	0.54	0.06 (0.03)	0.05	0.01-0.12	0.54
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0.06 (0.02)	0.06	0.01-0.12	0.42	0.04 (0.02)	0.04	0.01-0.08	0.42	0.03 (0.01)	0.03	0.01-0.06	0.40
May-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.90	0.01 (0.01)	0.01	0-0.02	0.88
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0.01 (0.01)	0.01	0-0.04	0.89	0.03 (0.01)	0.03	0.01-0.06	0.42	0.03 (0.01)	0.03	0.01-0.05	0.43
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.02	0.88
Jul-2022	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.03	0.67
Aug-2022	0.01 (0.01)	0.01	0-0.04	0.96	0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.02	0.95
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.01	0.75

1.16 Guillemot

Table 16. Density of guillemot recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0.06 (0.04)	0.06	0-0.13	0.58	0.05 (0.03)	0.05	0.01-0.12	0.50	0.08 (0.03)	0.08	0.03-0.13	0.36
Aug-2020	0.02 (0.02)	0.02	0-0.06	0.67	0.03 (0.01)	0.03	0-0.06	0.55	0.03 (0.01)	0.03	0.01-0.06	0.43
Sep-2020	0.04 (0.02)	0.03	0-0.08	0.69	0.07 (0.03)	0.07	0.02-0.12	0.39	0.07 (0.02)	0.07	0.03-0.11	0.34
Oct-2020	0.07 (0.03)	0.07	0.02-0.13	0.36	0.12 (0.05)	0.12	0.04-0.23	0.38	0.11 (0.04)	0.11	0.05-0.19	0.32
Nov-2020	0.04 (0.02)	0.04	0-0.07	0.53	0.03 (0.02)	0.03	0.01-0.07	0.48	0.03 (0.01)	0.03	0.01-0.06	0.40
Dec-2020	0.07 (0.03)	0.07	0.01-0.14	0.47	0.09 (0.03)	0.09	0.04-0.14	0.29	0.07 (0.02)	0.07	0.03-0.12	0.32
Jan-2021	0.11 (0.05)	0.11	0.02-0.22	0.48	0.08 (0.04)	0.08	0.02-0.16	0.46	0.07 (0.03)	0.08	0.02-0.14	0.41
Feb-2021	0.21 (0.06)	0.21	0.11-0.34	0.29	0.2 (0.05)	0.20	0.11-0.31	0.26	0.27 (0.05)	0.28	0.17-0.38	0.19
Mar-2021	0.24 (0.06)	0.23	0.12-0.38	0.27	0.23 (0.05)	0.23	0.13-0.34	0.24	0.2 (0.05)	0.20	0.12-0.3	0.23
Apr-2021	0.05 (0.02)	0.05	0.01-0.09	0.46	0.08 (0.03)	0.08	0.03-0.13	0.32	0.08 (0.02)	0.08	0.04-0.13	0.30
May-2021	0.04 (0.02)	0.04	0-0.08	0.67	0.03 (0.02)	0.03	0-0.06	0.68	0.03 (0.02)	0.03	0-0.06	0.56
Jun-2021	0.07 (0.04)	0.07	0.01-0.14	0.51	0.09 (0.03)	0.09	0.03-0.16	0.39	0.07 (0.03)	0.07	0.03-0.13	0.35
Jul-2021	0.28 (0.1)	0.28	0.11-0.51	0.36	0.33 (0.08)	0.33	0.17-0.49	0.25	0.33 (0.07)	0.33	0.19-0.48	0.22
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0.04 (0.02)	0.04	0-0.07	0.51	0.03 (0.02)	0.03	0.01-0.07	0.44	0.03 (0.01)	0.03	0.01-0.05	0.46
Oct-2021	0.43 (0.16)	0.41	0.15-0.73	0.37	0.58 (0.2)	0.58	0.23-1.01	0.34	0.74 (0.2)	0.73	0.39-1.18	0.27
Nov-2021	0.06 (0.02)	0.06	0.02-0.11	0.37	0.05 (0.02)	0.05	0.02-0.1	0.36	0.08 (0.02)	0.08	0.04-0.12	0.27
Dec-2021	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.03	0.63
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0.01 (0.01)	0.01	0-0.04	0.93	0.01 (0.01)	0.01	0-0.03	0.95	0.01 (0.01)	0.01	0-0.02	0.94
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0.09 (0.04)	0.09	0.02-0.17	0.42	0.14 (0.04)	0.14	0.07-0.22	0.30	0.15 (0.04)	0.15	0.07-0.24	0.29
May-2022	0.6 (0.12)	0.60	0.38-0.84	0.20	0.58 (0.1)	0.58	0.4-0.77	0.16	0.59 (0.09)	0.59	0.42-0.77	0.15
Jun-2022	0.14 (0.04)	0.14	0.06-0.22	0.31	0.18 (0.05)	0.18	0.09-0.29	0.29	0.2 (0.05)	0.20	0.11-0.3	0.24
Jul-2022	0.27 (0.09)	0.27	0.11-0.48	0.36	0.25 (0.07)	0.25	0.13-0.4	0.28	0.24 (0.05)	0.24	0.14-0.36	0.23
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0.04 (0.02)	0.04	0-0.07	0.51	0.03 (0.01)	0.03	0-0.05	0.51	0.02 (0.01)	0.02	0-0.04	0.50

Table 17. Density of guillemot (including unidentified auks apportioned using identified auk ratios) recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0.07 (0.04)	0.07	0-0.16	0.58	0.06 (0.03)	0.06	0.01-0.14	0.50	0.08 (0.03)	0.08	0.03-0.14	0.36
Aug-2020	0.02 (0.02)	0.02	0-0.06	0.67	0.03 (0.01)	0.03	0-0.06	0.55	0.03 (0.01)	0.03	0.01-0.06	0.43
Sep-2020	0.04 (0.02)	0.03	0-0.08	0.69	0.07 (0.03)	0.07	0.02-0.12	0.39	0.07 (0.02)	0.07	0.03-0.11	0.34
Oct-2020	0.08 (0.03)	0.08	0.03-0.15	0.36	0.13 (0.05)	0.13	0.05-0.24	0.38	0.12 (0.04)	0.12	0.05-0.2	0.32
Nov-2020	0.04 (0.02)	0.04	0-0.07	0.53	0.03 (0.02)	0.03	0.01-0.07	0.48	0.03 (0.01)	0.03	0.01-0.06	0.40
Dec-2020	0.08 (0.04)	0.08	0.01-0.17	0.47	0.1 (0.03)	0.10	0.05-0.15	0.29	0.08 (0.03)	0.08	0.04-0.13	0.32
Jan-2021	0.12 (0.06)	0.12	0.03-0.25	0.48	0.09 (0.04)	0.09	0.02-0.17	0.46	0.09 (0.04)	0.10	0.03-0.18	0.41
Feb-2021	0.26 (0.07)	0.26	0.13-0.42	0.29	0.23 (0.06)	0.24	0.13-0.37	0.26	0.3 (0.06)	0.30	0.19-0.42	0.19
Mar-2021	0.24 (0.06)	0.23	0.12-0.38	0.27	0.23 (0.05)	0.23	0.13-0.34	0.24	0.2 (0.05)	0.20	0.12-0.3	0.23
Apr-2021	0.07 (0.03)	0.07	0.02-0.14	0.46	0.11 (0.04)	0.11	0.05-0.19	0.32	0.11 (0.03)	0.11	0.05-0.17	0.30
May-2021	0.04 (0.02)	0.04	0-0.08	0.67	0.03 (0.02)	0.03	0-0.06	0.68	0.03 (0.02)	0.03	0-0.06	0.56
Jun-2021	0.07 (0.04)	0.07	0.01-0.14	0.51	0.09 (0.03)	0.09	0.03-0.16	0.39	0.07 (0.03)	0.07	0.03-0.13	0.35
Jul-2021	0.28 (0.1)	0.28	0.11-0.51	0.36	0.33 (0.08)	0.33	0.17-0.49	0.25	0.33 (0.07)	0.33	0.19-0.48	0.22
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0.06 (0.03)	0.06	0-0.12	0.51	0.05 (0.02)	0.05	0.01-0.1	0.44	0.04 (0.02)	0.04	0.01-0.08	0.46
Oct-2021	0.46 (0.17)	0.45	0.17-0.79	0.37	0.61 (0.21)	0.60	0.24-1.06	0.34	0.77 (0.21)	0.76	0.4-1.22	0.27
Nov-2021	0.07 (0.03)	0.07	0.03-0.13	0.37	0.07 (0.03)	0.07	0.02-0.13	0.36	0.09 (0.03)	0.09	0.05-0.14	0.27
Dec-2021	0.04 (0.03)	0.04	0-0.11	0.92	0.03 (0.02)	0.02	0-0.08	0.92	0.03 (0.02)	0.03	0-0.07	0.63
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0.01 (0.01)	0.01	0-0.04	0.93	0.01 (0.01)	0.01	0-0.03	0.95	0.01 (0.01)	0.01	0-0.02	0.94
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0.11 (0.04)	0.10	0.03-0.19	0.42	0.15 (0.04)	0.14	0.07-0.24	0.30	0.16 (0.05)	0.16	0.08-0.25	0.29
May-2022	0.62 (0.12)	0.61	0.39-0.86	0.20	0.6 (0.1)	0.60	0.41-0.8	0.16	0.6 (0.09)	0.61	0.43-0.79	0.15
Jun-2022	0.14 (0.04)	0.14	0.06-0.22	0.31	0.18 (0.05)	0.18	0.09-0.29	0.29	0.21 (0.05)	0.21	0.12-0.31	0.24
Jul-2022	0.27 (0.09)	0.27	0.11-0.48	0.36	0.26 (0.07)	0.26	0.14-0.41	0.28	0.25 (0.06)	0.25	0.15-0.38	0.23
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0.05 (0.02)	0.05	0-0.1	0.51	0.04 (0.02)	0.03	0-0.07	0.51	0.03 (0.02)	0.03	0-0.07	0.50

1.17 Herring Gull

Table 18. Density of herring gull recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0.02 (0.02)	0.02	0-0.06	0.68	0.02 (0.01)	0.02	0-0.04	0.66	0.02 (0.01)	0.02	0-0.05	0.57
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0.01 (0.01)	0.01	0-0.04	0.93	0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.03	0.64
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.02	0.93
Mar-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.95	0.01 (0.01)	0.01	0-0.02	0.93
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0.02 (0.02)	0.02	0-0.06	0.66	0.02 (0.01)	0.02	0-0.04	0.64	0.01 (0.01)	0.01	0-0.03	0.66
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.18 Kittiwake

Table 19. Density of kittiwake recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0.18 (0.12)	0.19	0.02-0.46	0.66	0.18 (0.09)	0.18	0.05-0.38	0.49	0.17 (0.07)	0.17	0.07-0.33	0.41
Aug-2020	0.21 (0.06)	0.21	0.11-0.33	0.28	0.2 (0.05)	0.21	0.12-0.3	0.23	0.2 (0.04)	0.20	0.12-0.28	0.20
Sep-2020	0.01 (0.01)	0.01	0-0.04	0.93	0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.02	0.94
Oct-2020	0.51 (0.11)	0.51	0.32-0.73	0.21	0.64 (0.1)	0.64	0.46-0.83	0.15	0.74 (0.11)	0.74	0.56-0.98	0.15
Nov-2020	0.27 (0.07)	0.27	0.15-0.43	0.25	0.24 (0.05)	0.24	0.15-0.35	0.21	0.19 (0.04)	0.19	0.11-0.27	0.21
Dec-2020	0.05 (0.02)	0.05	0.01-0.09	0.43	0.07 (0.03)	0.07	0.03-0.13	0.40	0.07 (0.02)	0.07	0.03-0.11	0.35
Jan-2021	0.07 (0.03)	0.07	0.02-0.13	0.38	0.1 (0.03)	0.10	0.04-0.15	0.28	0.08 (0.02)	0.08	0.05-0.13	0.26
Feb-2021	0.19 (0.05)	0.19	0.11-0.29	0.26	0.16 (0.04)	0.16	0.09-0.23	0.24	0.13 (0.03)	0.13	0.08-0.19	0.22
Mar-2021	0.65 (0.13)	0.65	0.4-0.91	0.20	0.72 (0.11)	0.72	0.52-0.94	0.15	0.67 (0.08)	0.67	0.52-0.84	0.12
Apr-2021	0.43 (0.09)	0.42	0.26-0.6	0.21	0.53 (0.09)	0.53	0.36-0.71	0.17	0.52 (0.08)	0.52	0.38-0.68	0.15
May-2021	0.06 (0.05)	0.06	0-0.18	0.92	0.08 (0.06)	0.08	0-0.22	0.79	0.07 (0.05)	0.07	0-0.17	0.72
Jun-2021	0.05 (0.02)	0.05	0.01-0.08	0.43	0.03 (0.01)	0.03	0.01-0.06	0.42	0.03 (0.01)	0.03	0.01-0.06	0.40
Jul-2021	0.12 (0.04)	0.12	0.05-0.19	0.31	0.11 (0.03)	0.11	0.06-0.18	0.28	0.11 (0.03)	0.11	0.07-0.17	0.24
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0.24 (0.08)	0.24	0.09-0.41	0.35	0.17 (0.06)	0.18	0.07-0.29	0.34	0.13 (0.05)	0.13	0.05-0.23	0.34
Oct-2021	0.76 (0.14)	0.76	0.51-1.04	0.18	0.66 (0.11)	0.66	0.46-0.88	0.16	0.7 (0.09)	0.71	0.53-0.9	0.13
Nov-2021	0.13 (0.04)	0.13	0.05-0.21	0.31	0.12 (0.03)	0.12	0.06-0.18	0.27	0.11 (0.03)	0.11	0.06-0.17	0.25
Dec-2021	0.05 (0.02)	0.05	0.01-0.09	0.45	0.04 (0.02)	0.04	0.01-0.08	0.40	0.05 (0.02)	0.05	0.02-0.08	0.34
Feb-2022	0.08 (0.03)	0.08	0.04-0.14	0.34	0.1 (0.02)	0.09	0.05-0.15	0.26	0.11 (0.03)	0.11	0.06-0.16	0.25
Feb-2022	0.42 (0.09)	0.43	0.28-0.6	0.20	0.39 (0.07)	0.39	0.26-0.53	0.17	0.38 (0.06)	0.38	0.27-0.5	0.15
Mar-2022	1.08 (0.24)	1.09	0.66-1.58	0.23	0.98 (0.18)	0.98	0.65-1.34	0.18	1.09 (0.14)	1.08	0.81-1.39	0.13
Apr-2022	0.14 (0.05)	0.14	0.06-0.25	0.35	0.16 (0.04)	0.16	0.08-0.23	0.25	0.17 (0.04)	0.17	0.11-0.25	0.20
May-2022	0.09 (0.04)	0.10	0.04-0.18	0.38	0.1 (0.03)	0.10	0.04-0.16	0.30	0.11 (0.03)	0.11	0.05-0.17	0.26
Jun-2022	0.04 (0.02)	0.03	0-0.07	0.54	0.03 (0.01)	0.03	0-0.06	0.53	0.03 (0.01)	0.03	0.01-0.05	0.46
Jul-2022	1.22 (0.63)	1.23	0.19-2.57	0.52	1.22 (0.48)	1.21	0.42-2.26	0.39	1.01 (0.38)	1.01	0.4-1.85	0.38
Aug-2022	0.01 (0.01)	0.01	0-0.04	0.91	0.02 (0.01)	0.02	0-0.04	0.66	0.02 (0.01)	0.02	0-0.04	0.53
Sep-2022	0.01 (0.01)	0.01	0-0.04	0.96	0.02 (0.01)	0.02	0-0.04	0.61	0.03 (0.01)	0.03	0.01-0.06	0.41

1.19 Large Auk sp.

Table 20. Density of large auk sp. recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.02	0.93
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0.01 (0.01)	0.01	0-0.04	0.95	0.01 (0.01)	0.01	0-0.03	0.92	0.02 (0.01)	0.02	0-0.05	0.68
Feb-2021	0.05 (0.02)	0.05	0.01-0.08	0.42	0.03 (0.02)	0.03	0.01-0.07	0.43	0.03 (0.01)	0.03	0.01-0.05	0.42
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0.02 (0.02)	0.02	0-0.07	0.89	0.03 (0.02)	0.03	0-0.06	0.66	0.02 (0.01)	0.02	0-0.05	0.65
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.87
Oct-2021	0.02 (0.02)	0.02	0-0.07	0.97	0.02 (0.02)	0.02	0-0.05	0.93	0.02 (0.01)	0.02	0-0.05	0.71
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0.02 (0.02)	0.02	0-0.06	0.64	0.02 (0.01)	0.02	0-0.04	0.63	0.01 (0.01)	0.01	0-0.03	0.65
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0.01 (0.01)	0.01	0-0.04	0.91	0.01 (0.01)	0.01	0-0.03	0.96	0.01 (0.01)	0.01	0-0.02	0.92
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0.01 (0.01)	0.01	0-0.04	0.93	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.03	0.66

1.20 Little Auk

Table 21. Density of little auk recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0	0-0		0.01 (0.01)	0.01	0-0.02	0.9
Feb-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0	0-0		0 (0)	0	0-0		0 (0)	0.00	0-0	

1.21 Little Gull

Table 22. Density of little gull recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0.01 (0.01)	0.01	0-0.04	0.99	0.01 (0.01)	0.01	0-0.03	0.95	0.01 (0.01)	0.01	0-0.02	0.94
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.22 Manx Shearwater

Table 23. Density of Manx shearwater recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.02	0.88
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0.01 (0.01)	0.01	0-0.04	0.93	0.02 (0.01)	0.02	0-0.04	0.64	0.01 (0.01)	0.01	0-0.03	0.66
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.01	0.77
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.02	0.89
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0.01 (0.01)	0.01	0-0.04	0.93	0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.03	0.62
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0.01 (0.01)	0.01	0-0.04	0.96	0.01 (0.01)	0.01	0-0.03	0.95	0.01 (0.01)	0.01	0-0.03	0.64

1.23 Puffin

Table 24. Density of puffin recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0.02 (0.01)	0.02	0-0.04	0.61	0.01 (0.01)	0.01	0-0.03	0.60
Aug-2020	0.01 (0.01)	0.01	0-0.04	0.94	0.07 (0.04)	0.07	0-0.15	0.56	0.16 (0.06)	0.16	0.05-0.29	0.39
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0.02 (0.02)	0.02	0-0.06	0.64	0.02 (0.01)	0.02	0-0.04	0.61	0.01 (0.01)	0.01	0-0.03	0.63
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0.37 (0.08)	0.36	0.2-0.53	0.23	0.44 (0.08)	0.45	0.28-0.61	0.18	0.48 (0.09)	0.48	0.31-0.66	0.18
Jul-2021	0.15 (0.06)	0.15	0.05-0.27	0.38	0.12 (0.04)	0.12	0.04-0.22	0.37	0.21 (0.08)	0.22	0.09-0.4	0.37
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0.01 (0.01)	0.01	0-0.04	0.90	0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.02	0.88
Oct-2021	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.02	0.94
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0.45 (0.12)	0.45	0.24-0.71	0.27	0.37 (0.09)	0.37	0.19-0.56	0.25	0.29 (0.07)	0.29	0.17-0.43	0.24
May-2022	0.44 (0.09)	0.44	0.27-0.6	0.20	0.51 (0.1)	0.51	0.33-0.71	0.19	0.65 (0.14)	0.66	0.42-0.97	0.22
Jun-2022	0.04 (0.02)	0.03	0-0.09	0.70	0.09 (0.04)	0.09	0.02-0.16	0.43	0.13 (0.05)	0.13	0.04-0.24	0.40
Jul-2022	0.12 (0.03)	0.12	0.06-0.19	0.29	0.16 (0.04)	0.16	0.08-0.24	0.26	0.27 (0.11)	0.27	0.1-0.5	0.40
Aug-2022	0.05 (0.03)	0.05	0-0.12	0.63	0.03 (0.02)	0.04	0-0.08	0.62	0.03 (0.02)	0.03	0-0.06	0.63
Sep-2022	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.03	0.67

Table 25. Density of puffin (including unidentified auks apportioned using identified auk ratios) recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0.02 (0.01)	0.02	0-0.04	0.61	0.01 (0.01)	0.01	0-0.03	0.60
Aug-2020	0.01 (0.01)	0.01	0-0.04	0.94	0.07 (0.04)	0.07	0-0.15	0.56	0.16 (0.06)	0.16	0.05-0.29	0.39
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0.02 (0.02)	0.02	0-0.06	0.64	0.02 (0.01)	0.02	0-0.04	0.61	0.01 (0.01)	0.01	0-0.03	0.63
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0.37 (0.08)	0.36	0.2-0.53	0.23	0.44 (0.08)	0.45	0.28-0.61	0.18	0.48 (0.09)	0.48	0.31-0.66	0.18
Jul-2021	0.15 (0.06)	0.15	0.05-0.27	0.38	0.12 (0.04)	0.12	0.04-0.22	0.37	0.21 (0.08)	0.22	0.09-0.4	0.37
Aug-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0.01 (0.01)	0.01	0-0.04	0.90	0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.02	0.88
Oct-2021	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.02	0.94
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0.48 (0.13)	0.48	0.25-0.76	0.27	0.4 (0.1)	0.39	0.2-0.6	0.25	0.31 (0.08)	0.31	0.19-0.46	0.24
May-2022	0.44 (0.09)	0.44	0.27-0.6	0.20	0.51 (0.1)	0.51	0.33-0.71	0.19	0.66 (0.14)	0.67	0.42-0.98	0.22
Jun-2022	0.04 (0.02)	0.03	0-0.09	0.70	0.09 (0.04)	0.09	0.02-0.16	0.43	0.13 (0.05)	0.13	0.04-0.24	0.40
Jul-2022	0.12 (0.03)	0.12	0.06-0.19	0.29	0.16 (0.04)	0.16	0.08-0.24	0.26	0.28 (0.11)	0.29	0.11-0.53	0.40
Aug-2022	0.05 (0.03)	0.05	0-0.12	0.63	0.03 (0.02)	0.04	0-0.08	0.62	0.03 (0.02)	0.03	0-0.06	0.63
Sep-2022	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.94	0.01 (0.01)	0.01	0-0.03	0.67

1.24 Razorbill

Table 26. Density of razorbill recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.90
Mar-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.97	0.01 (0.01)	0.01	0-0.02	0.91
Apr-2021	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.94
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0.01 (0.01)	0.01	0-0.04	0.91	0.01 (0.01)	0.01	0-0.03	0.97	0.01 (0.01)	0.01	0-0.02	0.93
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0.01 (0.01)	0.01	0-0.04	0.87	0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.02	0.90
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.02	0.94
Nov-2021	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.93
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0)	0.01	0-0.01	0.71
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

Table 27. Density of razorbill (including unidentified auks apportioned using identified auk ratios) recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.90
Mar-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.97	0.01 (0.01)	0.01	0-0.02	0.91
Apr-2021	0.01 (0.01)	0.01	0-0.04	0.92	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.94
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0.01 (0.01)	0.01	0-0.04	0.91	0.01 (0.01)	0.01	0-0.03	0.97	0.01 (0.01)	0.01	0-0.02	0.93
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0.01 (0.01)	0.01	0-0.04	0.87	0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.04	0.90
Sep-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.92	0.01 (0.01)	0.01	0-0.02	0.94
Nov-2021	0.01 (0.01)	0.01	0-0.04	0.94	0.01 (0.01)	0.01	0-0.03	0.91	0.01 (0.01)	0.01	0-0.02	0.93
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0.01 (0)	0.01	0-0.01	0.71
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.25 Shag

Table 28. Density of shag recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0	0-0		0.01 (0.01)	0.01	0-0.03	0.93	0.01 (0.01)	0.01	0-0.03	0.65
May-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	

1.26 Sooty Shearwater

Table 29. Density of sooty shearwater recorded in flight in each survey, S.D., mean of bootstraps, coefficient of variation (CV) and 95% confidence intervals, in the OAA, OAA plus 2 km buffer and OAA plus 4 km buffer.

Survey	Density (birds/km ²)											
	OAA				OAA plus 2 km buffer				OAA plus 4 km buffer			
	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV	Estimate (S.D.)	Mean (bs)	95% c.i.	CV
Jul-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Oct-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2020	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jan-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2021	0.01 (0.01)	0.01	0-0.04	0.93	0.02 (0.01)	0.02	0-0.04	0.68	0.01 (0.01)	0.01	0-0.03	0.69
Sep-2021	0 (0)	0.00	0-0		0.01 (0.01)	0.01	0-0.03	0.87	0.01 (0.01)	0.01	0-0.02	0.87
Oct-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Nov-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Dec-2021	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Feb-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Mar-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Apr-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
May-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jun-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Jul-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Aug-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	
Sep-2022	0 (0)	0.00	0-0		0 (0)	0.00	0-0		0 (0)	0.00	0-0	