Table 5: Comparison of the updated foraging ranges with those of Thaxter *et al.* (2012). The foraging range measures and categories are as described in Tables 3 and 2 above respectively. For Mean Max and Mean values the error is presented as ± SD and the sample sizes are shown in parentheses (i.e. the number of sites from which maximum or mean foraging ranges were available). Shading indicates a change from Thaxter *et al.* (2012). Green indicates an increase in value or category and blue indicates a decrease in value or category.

Species	Thaxter *et al.* (2012)					Updated foraging ranges (Current study)				
	Max (km)	Mean Max (km)	Mean (km)	Category	Confidence	Max (km)	Mean Max (km)	Mean (km)	Category	Confidence
Common eider	80	80 (1)	2.4 (1)	All data	Poor	22.5[J]	21.5 (1)[J]	3.2±4.2 (3)[J]	Indirect	Poor
Red-throated diver	9	9 (1)	4.5 (1)	Direct	Low	9	9 (1)	4.5 (1)	Direct	Low
European storm petrel	>65	-	-	Survey	Poor	336	336 (1)	NA	Direct	Poor
Leach's storm petrel	<120	91.7±27.5 (3)	-	All data	Poor	NA[J]	NA[J]	657 (1)[J]	Direct	Moderate[E]
Northern Fulmar	580	400±245.8 (3)	47.5 (2)	Direct	Moderate	2736	542.3±657.9 (16)	134.6±90.1 (11)	Direct	Good
Manx shearwater	>330[B]	>330 (1)[B]	2.3 (3)[A]	Direct	Moderate	2890	1346.8±1018.7 (6)	136.1±88.7 (4)	Direct	Moderate
Northern Gannet	590	229.4±124.3 (7)	92.5±59.9 (8)	Direct	Highest	709	315.2±194.2 (21)	120.4±50 (19)	Direct	Highest
European shag	17	14.5±3.5 (2)	5.9±4.7 (3)	Direct	Moderate	46	13.2±10.5 (17)	9.2±4.9 (17)	Direct	Highest
Cormorant	35	25±10 (3)	5.2± 1.5 (3)	Direct	Moderate	35	25.6±8.3 (4)	7.1±3.8 (4)	Direct	Moderate
Black-legged Kittiwake	120	60±23.3 (6)	24.8±12.1 (8)	Direct	Highest	770	156.1±144.5 (37)	54.7±50.4 (37)	Direct	Good[I]
Black-headed gull	40	25.5±20.5 (2)	11.4±6.7 (4)	Survey	Uncertain	18.5	18.5 (1)	7 (1)	Direct	Uncertain
Mediterranean gull	20	20 (1)	11.5 (1)	Survey	Uncertain	20	20 (1)	11.5 (1)	Survey	Uncertain
Common gull	50	50 (1)	25 (1)	Survey	Poor	50	50 (1)	NA[C]	Survey	Poor
Great black-	NA	NA	NA	NA	NA	73	73 (1)	16.7 (1)	Direct	Low

Species	Thaxter *et al.* (2012)					Updated foraging ranges (Current study)				
	Max (km)	Mean Max (km)	Mean (km)	Category	Confidence	Max (km)	Mean Max (km)	Mean (km)	Category	Confidence
backed gull										
Herring gull	92	61.1±44 (2)	10.5 (1)	Direct	Moderate	92	58.8±26.8 (10)	14.9±7.5 (7)	Direct	Good
Lesser black-backed gull	181	141±50.8 (3)	71.9±10.2 (2)	Direct	Moderate	533	127±109 (18)	43.3±18.4 (16)	Direct	Highest
Sandwich tern	54	49±7.1 (2)	11.5±4.7 (3)	Direct	Moderate	80	34.3±23.2 (9)	9±9.2 (9)	Direct	Moderate[F]
Little tern	11	6.3±2.4 (6)	2.1 (3)	Survey	Low	5	5 (1)	3.5 (1)	Direct	Moderate[G]
Roseate tern	30	16.6±11.6 (6)	12.2±12.1 (6)	Survey	Low	24	12.6±10.6 (3)	4.1±2.6 (2)	Direct	Moderate
Common tern	30	15.2±11.2 (6)	4.5±3.2 (5)	Direct	Moderate	30	18.0±8.9 (16)	6.4±4.5 (10)	Direct	Good
Arctic tern	30	24.2±6.3 (4)	7.1±2.2 (3)	Direct	Moderate	46	25.7±14.8 (9)	6.1±4.4 (6)	Direct	Good
Great skua	219[B]	86.4 (1)[B]	-	Direct	Low	1003	443.3±487.9 (3)	67±31.5 (2)	Direct	Uncertain[H]
Arctic skua	75	62.5±17.7 (2)	6.4±5.9 (5)	Survey	Uncertain	NA[D]	NA[D]	2±0.7 (2)[D]	Survey	Poor[D]
Common guillemot	135	84.2±50.1 (5)	37.8±32.3 (5)	Direct	Highest	338	73.2±80.5 (16)	33.1±36.5 (16)	Direct	Highest
Razorbill	95	48.5±35.0 (4)	23.7±7.5 (2)	Direct + indirect	Moderate	313	88.7±75.9 (16)	61.3±33.4 (18)	Direct	Good
Black guillemot	NA	NA	NA	NA	NA	8	4.8±4.3 (2)	4.9 (1)	Direct	Moderate[G]
Atlantic puffin	200	105.4±46.0 (8)	4 (1)	Indirect	Low	383	137.1±128.3 (7)	62.4±34.4 (7)	Direct	Good

[A]For Manx shearwater, the mean estimate Thaxter *et al.* (2012) is from a study focusing on near-colony rafting birds, and hence is likely to be a substantial under-estimate

[B]Two estimates were presented by Thaxter *et al.* (2012), and the larger total foraging range estimates are shown here.

[C]The mean foraging range for common gull from Thaxter *et al.* (2012) has not been repeated here following a slightly different interpretation of the data.

[D]The estimates for Arctic skua presented in Thaxter *et al.* (2012) used data from three studies which have been dropped from our estimation as they measured distance from coast/shore/land rather than from a known breeding colony.

[E]Foraging ranges from seven sites using geolocators suggest that this direct foraging range for Leach's Petrel is likely to be reasonably robust even though it is based on data from only one site.

[F]Maximum and mean foraging distances from two GPS studies for Sandwich tern were substantially higher than previous estimates using visual tracking. These two studies are in close proximity to each other so this may be a site-effect, but it would be prudent to carry out further research to confirm this and hence the confidence level has been downgraded to "Moderate".

[G]Foraging ranges from observational surveys suggest that the foraging range estimates for little tern and black guillemot are likely to be robust even though based on only one direct study.

[H]Great Skua confidence has been assessed as "Uncertain" due to the substantial differences between the distances measured in the three direct studies.

[I]Black-legged Kittiwake confidence has been downgraded from "Highest" to "Good" due to evidence to strong variability in foraging range between sites.

[J]Data from Thaxter *et al.* (2012) excluded as these were drawn from shore-based counts