

Table S1 Summarized foraging trip and dive metrics, as well as values of environmental variables encountered along trajectories for each foraging trip of female Cape fur seals tracked at Kleinsee (KS), False Bay (FB) and Black Rocks (BR). Where necessary, values are presented as Mean ± SE. Where parameters were not available for a particular individual they have been specified as na.

Kleinsee													
Year	ID	Trip	Foraging trip metrics				Dive metrics			Environmental covariates			
			Duration (d)	Total distance (km)	Maximum distance (km)	Distal bearing (°)	Dives (n)	Benthic dives (%)	Mean dive depth (m)	Mean dive duration (min)	Mean bathymetric depth	Mean sea floor slope (°)	Mean SST (°C)
2014	1	1	3.6	151.4	44.8	267.8	575	56	107.4 ± 2.5	4.2 ± 0.1	142.7 ± 0.9	0.1 ± 0.01	14.1 ± 0.01
2014	2	1	6.9	447.8	165.7	234.7	1362	18	76.2 ± 2.2	2.7 ± 0	220 ± 1.7	0.2 ± 0.01	15.5 ± 0.03
2014	3	1	4.6	338.2	128.9	210.0	653	12	87.8 ± 2.4	2.7 ± 0.1	187.1 ± 2	0.2 ± 0.01	15.2 ± 0.04
2014	4	1	3.9	259.0	111.8	282.1	622	35	78.3 ± 2.8	2.9 ± 0.1	157.1 ± 1.1	0.1 ± 0.01	14.2 ± 0.02
2014	5	1	4.3	251.6	94.5	326.0	790	97	97.9 ± 0.7	3.4 ± 0	91 ± 0.7	0.3 ± 0.01	13.5 ± 0.01
2014	6	1	10.7	652.4	242.8	177.9	1097	49	132.7 ± 2.5	4.1 ± 0.1	192.8 ± 1.1	0.2 ± 0.01	15.1 ± 0.02
2014	7	1	4.8	233.6	58.5	292.3	794	57	109 ± 1.9	3.7 ± 0	137.8 ± 0.6	0.1 ± 0.01	13.9 ± 0.01
2014	8	1	6.6	410.5	156.4	236.2	692	33	113.1 ± 3.3	2.9 ± 0.1	204.7 ± 1.5	0.2 ± 0.01	15.4 ± 0.03
2014	9	1	9.8	436.9	137.7	328.3	2629	28	13.8 ± 0.1	1 ± 0	30.7 ± 1	0.3 ± 0.01	13.4 ± 0.01
2015	10	1	10.4	512.7	162.9	253.9	2890	4	53.5 ± 0.8	1.8 ± 0	176.7 ± 0.8	0.3 ± 0.01	13.2 ± 0.02
2015	11	1	6.9	415.0	135.2	171.5	1312	12	54.8 ± 1.4	2.2 ± 0	140.4 ± 1.1	0.2 ± 0.01	12.6 ± 0.01
2015	12	1	9.5	449.5	142.1	183.4	1448	43	104.3 ± 2.2	3.4 ± 0.1	186.6 ± 0.7	0.2 ± 0.01	12.8 ± 0.01
2015	13	1	4.0	277.5	119.1	272.2	695	34	92.5 ± 2.5	3.2 ± 0.1	162.5 ± 1.2	0.1 ± 0.01	12.9 ± 0.02
2015	14	1	9.6	556.5	184.5	251.5	1889	19	60.6 ± 1.8	2 ± 0	229.2 ± 1.4	0.3 ± 0.01	13.5 ± 0.01
2015	15	1	3.7	208.0	78.5	286.2	673	37	80.8 ± 2.4	2.9 ± 0.1	143.6 ± 1.1	0.2 ± 0.01	12.6 ± 0.02
2015	16	1	6.5	399.4	157.9	241.8	1370	10	73.1 ± 1.5	2.5 ± 0	182.4 ± 1.5	0.2 ± 0.01	13 ± 0.01
2015	17	1	5.4	291.5	114.0	267.2	610	31	86 ± 2.9	3 ± 0.1	167.5 ± 0.9	0.1 ± 0.01	12.7 ± 0.02
2015	18	1	12.4	627.3	193.6	282.1	1236	46	107.9 ± 2.3	3.5 ± 0.1	175.9 ± 0.6	0.3 ± 0.01	13.2 ± 0.01
2015	19	1	12.6	678.7	200.3	237.0	1538	24	99.6 ± 2.9	2.6 ± 0.1	275.3 ± 1.5	0.5 ± 0.01	14 ± 0.01
2015	20	1	5.0	311.6	129.0	252.9	512	49	113.2 ± 3.4	3.9 ± 0.1	163 ± 0.9	0.2 ± 0.01	12.7 ± 0.02
2015	21	1	6.0	296.1	99.5	256.0	726	38	95.4 ± 2.8	3.3 ± 0.1	168.5 ± 1	0.1 ± 0.01	12.7 ± 0.01
2015	22	1	4.5	315.5	134.9	215.4	382	51	146.7 ± 5	3.7 ± 0.1	215.2 ± 2	0.2 ± 0.01	13.4 ± 0.02
2015	23	1	7.1	433.0	166.8	239.7	1600	17	59.8 ± 1.7	2.2 ± 0	187.6 ± 1.5	0.2 ± 0.01	13.2 ± 0.01

**Seal Island, False Bay**

Year	ID	Trip	Foraging trip metrics				Dive metrics				Environmental covariates		
			Duration (d)	Total distance (km)	Maximum distance (km)	Distal bearing (°)	Dives (n)	Benthic dives (%)	Mean dive depth (m)	Mean dive duration (min)	Mean bathymetric depth	Mean sea floor slope (°)	Mean SST (°C)
2015	24	1	1.5	61.7	22.8	123.0	291	92	37.1 ± 0.3	1.9 ± 2	35.4 ± 0.4	0.2 ± 0.01	14.5 ± 0.01
2015	24	2	1.3	87.9	25.6	139.8	159	86	43.7 ± 1.3	2.3 ± 4.8	36.4 ± 1	0.3 ± 0.02	15 ± 0.01
2015	24	3	6.0	364.2	106.2	125.4	534	73	81.4 ± 1.5	3.2 ± 3.4	76.6 ± 1.2	0.4 ± 0.01	14.9 ± 0.02
2015	24	4	4.0	258.1	68.7	121.4	439	54	65.9 ± 1.9	2.9 ± 4	71.6 ± 1.1	0.5 ± 0.01	14 ± 0.02
2015	24	5	5.6	290.9	101.8	137.4	742	54	60.2 ± 1	2.9 ± 2.7	82.1 ± 1.3	0.4 ± 0.01	13.6 ± 0.02
2015	24	6	1.8	70.9	24.5	129.9	343	94	38.9 ± 0.3	2.2 ± 2.3	39.2 ± 0.6	0.3 ± 0.02	13.2 ± 0.01
2015	24	7	3.0	224.0	52.9	159.2	710	45	33.8 ± 0.9	1.9 ± 2.2	55.6 ± 1.3	0.5 ± 0.02	13.9 ± 0.03
2015	24	8	2.6	69.7	18.4	157.2	245	80	47.1 ± 0.7	2.4 ± 1.9	37.5 ± 0.8	0.4 ± 0.01	12.9 ± 0.01
2015	24	9	1.5	40.5	14.7	99.3	192	77	33.2 ± 0.7	2 ± 3.1	32.8 ± 0.4	0.2 ± 0.01	13.1 ± 0.01
2015	24	10	4.0	88.5	31.1	184.9	487	68	53.8 ± 1	2.5 ± 1.8	35.9 ± 0.8	0.5 ± 0.03	13.3 ± 0.01
<b>Mean ± SE</b>			<b>3.1 ± 0.5</b>	<b>155.6 ± 36.9</b>	<b>46.7 ± 10.9</b>	<b>137.8 ± 7.6</b>	<b>414 ± 65</b>	<b>72 ± 5</b>	<b>49.5 ± 5</b>	<b>2.4 ± 0.1</b>	<b>50.3 ± 6.1</b>	<b>0.4 ± 0.04</b>	<b>13.8 ± 0.2</b>
2015	25	1	9.1	590.9	186.0	157.5	165	70	188.3 ± 8.3	4.7 ± 11.4	239.7 ± 2.7	1.1 ± 0.03	16.5 ± 0.02
2015	25	2	11.8	628.9	145.1	166.3	290	43	201.9 ± 6.4	4.7 ± 8.5	266.2 ± 2.3	0.9 ± 0.02	15.3 ± 0.01
2015	25	3	15.5	843.4	317.6	148.0	445	37	192.6 ± 4.7	5 ± 7	266.8 ± 2.1	1.2 ± 0.02	16.4 ± 0.02
2015	25	4	9.3	431.0	177.7	161.4	405	30	143.5 ± 4.7	3.5 ± 6	189.6 ± 1.8	0.7 ± 0.02	15.7 ± 0.03
2015	25	5	11.6	546.1	195.2	162.2	275	55	181.2 ± 6.6	4.1 ± 8	214.3 ± 2.1	0.7 ± 0.02	16.9 ± 0.04
<b>Mean ± SE</b>			<b>11.5 ± 0.8</b>	<b>608.1 ± 47.8</b>	<b>204.3 ± 20.9</b>	<b>159.1 ± 2.2</b>	<b>316 ± 35</b>	<b>47 ± 5</b>	<b>181.5 ± 7.1</b>	<b>4.4 ± 0.2</b>	<b>235.3 ± 10.6</b>	<b>0.9 ± 0.1</b>	<b>16.2 ± 0.2</b>
2015	26	1	3.4	274.9	101.4	153.0	135	41	83.6 ± 6	2.9 ± 9.2	137 ± 2.2	0.3 ± 0.01	15.7 ± 0.02
2015	26	2	7.9	377.2	75.5	162.9	664	9	29.9 ± 1.8	1.3 ± 2.8	158.5 ± 1.2	0.2 ± 0.01	15.2 ± 0.02
2015	26	3	29.0	1342.8	297.5	128.7	734	9	32.7 ± 1.8	1.4 ± 2.9	155.2 ± 0.6	0.3 ± 0.004	14.8 ± 0.01
2015	26	4	24.0	990.0	182.0	148.3	1057	5	31.2 ± 1.3	1.2 ± 2	166.6 ± 0.6	0.2 ± 0.004	15.6 ± 0.01
<b>Mean ± SE</b>			<b>16.1 ± 3.9</b>	<b>746.3 ± 160.6</b>	<b>164.1 ± 31.6</b>	<b>148.2 ± 4.6</b>	<b>648 ± 121</b>	<b>16 ± 5</b>	<b>44.4 ± 8.3</b>	<b>1.7 ± 0.3</b>	<b>154.3 ± 4</b>	<b>0.3 ± 0.02</b>	<b>15.3 ± 0.1</b>
2015	27	1	2.2	112.2	32.6	139.6	252	63	38.8 ± 0.7	2.1 ± 3.4	42 ± 0.5	0.5 ± 0.03	15 ± 0.01
2015	27	2	1.8	99.2	30.5	135.0	200	76	42.4 ± 1	2.2 ± 2.9	39.6 ± 0.8	0.8 ± 0.05	13.9 ± 0.01
2015	27	3	2.0	38.6	13.7	130.0	82	73	40.9 ± 1.2	2 ± 4.6	37.3 ± 0.7	0.3 ± 0.01	13.3 ± 0.01
2015	27	4	2.1	82.6	25.7	118.8	145	63	31.5 ± 1.1	2 ± 4	33.1 ± 0.4	0.3 ± 0.01	13.2 ± 0.01

2015	27	5	5.4	273.2	80.2	121.1	257	30	50.2 ± 1.7	2.3 ± 3.8	65.8 ± 0.8	0.4 ± 0.01	13.9 ± 0.01
2015	27	6	6.0	228.2	79.9	122.1	317	39	35.7 ± 1	1.9 ± 3.5	50.9 ± 0.3	0.3 ± 0.01	13.3 ± 0.01
2015	27	7	3.0	117.9	42.4	142.2	260	51	42.2 ± 1.1	2.2 ± 3.1	47.4 ± 0.9	0.9 ± 0.03	13.6 ± 0.01
2015	27	8	3.3	86.2	35.6	147.9	220	24	29.2 ± 1.1	1.9 ± 3.2	46 ± 0.9	0.4 ± 0.01	13.3 ± 0.01
2015	27	9	9.8	278.6	85.1	130.4	525	47	35.9 ± 0.7	2.2 ± 1.9	42.8 ± 0.6	0.5 ± 0.01	13.8 ± 0.01
2015	27	10	1.4	38.2	17.1	122.5	195	37	31.3 ± 0.6	1.8 ± 2.9	43.2 ± 0.6	0.2 ± 0.01	14.1 ± 0.01
2015	27	11	3.4	62.1	23.5	110.0	145	52	32.6 ± 1.4	1.9 ± 3.6	34 ± 0.4	0.4 ± 0.03	13.4 ± 0.01
2015	27	12	3.3	72.0	28.2	137.1	50	86	42.4 ± 0.8	2.7 ± 7.4	43.1 ± 0.4	0.4 ± 0.01	13.8 ± 0.01
<b>Mean ± SE</b>			<b>3.6 ± 0.8</b>	<b>124.1 ± 27.3</b>	<b>41.2 ± 8.1</b>	<b>129.7 ± 3.5</b>	<b>221 ± 39</b>	<b>53 ± 6</b>	<b>37.8 ± 1.9</b>	<b>2.1 ± 0.1</b>	<b>43.8 ± 2.7</b>	<b>0.5 ± 0.1</b>	<b>13.7 ± 0.2</b>
2015	28	1	8.2	657.1	232.5	129.5	645	20	78.8 ± 1.9	2.5 ± 3.5	122.5 ± 1.1	0.4 ± 0.01	15.6 ± 0.01
2015	28	2	3.1	236.6	76.4	188.6	405	5	29.7 ± 2.2	1.2 ± 3.5	166.8 ± 4.4	0.6 ± 0.03	14.6 ± 0.04
2015	28	3	11.8	883.9	266.8	140.0	880	37	98.7 ± 2.1	2.8 ± 3.2	151.1 ± 0.7	0.3 ± 0.01	14.6 ± 0.01
2015	28	4	9.1	583.1	138.1	155.0	740	22	64 ± 2.6	2.1 ± 3.6	151.2 ± 1.2	0.3 ± 0.01	14.6 ± 0.02
2015	28	5	17.7	1242.8	335.8	107.4	746	40	80.2 ± 1.7	2.5 ± 3.1	131.8 ± 0.9	0.3 ± 0.01	16.8 ± 0.03
2015	28	6	10.9	766.5	262.5	134.6	1029	16	57.7 ± 1.5	1.8 ± 2.4	126.4 ± 0.8	0.3 ± 0.01	15.6 ± 0.02
2015	28	7	9.9	608.7	199.2	144.6	825	3	43.5 ± 1.6	1.3 ± 2	158 ± 0.9	0.3 ± 0.01	16.5 ± 0.02
<b>Mean ± SE</b>			<b>10.1 ± 1.4</b>	<b>711.2 ± 97.5</b>	<b>215.9 ± 27.5</b>	<b>142.8 ± 7.9</b>	<b>753 ± 62</b>	<b>20 ± 5</b>	<b>64.7 ± 7.4</b>	<b>2 ± 0.2</b>	<b>144 ± 5.4</b>	<b>0.4 ± 0.04</b>	<b>15.5 ± 0.3</b>

**Black Rocks, Algoa Bay**

Year	ID	Trip	Foraging trip metrics				Dive metrics				Environmental covariates		
			Duration (d)	Total distance (km)	Maximum distance (km)	Distal bearing (°)	Dives (n)	Benthic dives (%)	Mean dive depth (m)	Mean dive duration (min)	Mean bathymetric depth	Mean sea floor slope (°)	Mean SST (°C)
2014	29	1	3.7	257.9	96.9	65.7	na	na	na	na	76.9 ± 1.5	0.7 ± 0.02	20.8 ± 0.04
2014	29	2	7.0	589.2	221.2	59.5	na	na	na	na	77.2 ± 0.9	0.5 ± 0.01	19.6 ± 0.02
2014	29	3	1.4	194.8	70.9	77.7	na	na	na	na	74.9 ± 2.4	0.6 ± 0.04	20.1 ± 0.07
2014	29	4	6.0	399.5	186.4	59.9	na	na	na	na	61.6 ± 0.8	0.6 ± 0.01	19.7 ± 0.02
2014	29	5	5.1	408.0	183.4	64.2	na	na	na	na	73.7 ± 0.9	0.5 ± 0.02	20.4 ± 0.05
2014	29	6	6.9	390.7	182.1	60.9	na	na	na	na	61.5 ± 0.8	0.6 ± 0.02	19.5 ± 0.03
2014	29	7	3.4	204.0	75.9	82.0	na	na	na	na	81.2 ± 1.7	1 ± 0.03	18.6 ± 0.04
2014	29	8	7.3	460.2	168.8	61.8	na	na	na	na	67.5 ± 1	0.7 ± 0.01	18.8 ± 0.05
2014	29	9	3.9	314.2	109.0	68.0	na	na	na	na	77.1 ± 1.1	0.6 ± 0.02	18.8 ± 0.06
2014	29	10	3.2	200.3	68.1	95.6	na	na	na	na	72.2 ± 1.9	0.8 ± 0.03	19.3 ± 0.03

2014	29	11	10.2	470.2	130.7	78.1	na	na	na	na	88.6 ± 2.3	1.1 ± 0.02	17.7 ± 0.02
2014	29	12	3.3	188.1	65.1	78.7	na	na	na	na	81.9 ± 1.4	0.6 ± 0.02	17.8 ± 0.02
2014	29	13	2.6	135.5	43.4	79.9	na	na	na	na	70.5 ± 2.1	1.1 ± 0.03	18.5 ± 0.03
<b>Mean ± SE</b>			<b>5 ± 0.8</b>	<b>324 ± 44</b>	<b>123.2 ± 18.6</b>	<b>71.7 ± 3.5</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>74.2 ± 2.5</b>	<b>0.7 ± 0.1</b>	<b>19.2 ± 0.3</b>
2014	30	1	6.4	295.9	71.1	94.3	na	na	na	na	94.7 ± 0.9	0.5 ± 0.02	17.7 ± 0.03
2014	30	2	1.8	55.5	17.9	195.4	na	na	na	na	83.7 ± 1.1	0.3 ± 0.02	17.4 ± 0.01
<b>Mean ± SE</b>			<b>4.1 ± 1</b>	<b>175.7 ± 53.8</b>	<b>44.5 ± 11.9</b>	<b>144.9 ± 22.6</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>89.2 ± 2.5</b>	<b>0.4 ± 0.04</b>	<b>17.6 ± 0.1</b>
2014	31	1	2.3	155.1	48.8	180.2	na	na	na	na	111.6 ± 1.6	0.4 ± 0.02	17.7 ± 0.02
2014	31	2	11.9	386.8	118.0	235.4	na	na	na	na	156.7 ± 2.6	1 ± 0.03	17.7 ± 0.02
<b>Mean ± SE</b>			<b>7.1 ± 2.2</b>	<b>271 ± 51.8</b>	<b>83.4 ± 15.5</b>	<b>207.8 ± 12.3</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>134.2 ± 10.1</b>	<b>0.7 ± 0.1</b>	<b>17.7 ± 0</b>
2014	32	1	4.6	295.9	99.5	71.1	na	na	na	na	87.6 ± 0.9	0.5 ± 0.02	17.1 ± 0.02
2014	32	2	2.7	97.7	40.0	117.9	na	na	na	na	98.7 ± 1.2	0.3 ± 0.02	17.8 ± 0.01
2014	32	3	2.2	101.8	32.3	204.2	na	na	na	na	105.3 ± 1.2	0.3 ± 0.01	17.4 ± 0.02
<b>Mean ± SE</b>			<b>3.2 ± 0.4</b>	<b>165.1 ± 35.8</b>	<b>57.3 ± 11.6</b>	<b>131.1 ± 21.3</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>97.2 ± 2.8</b>	<b>0.4 ± 0.04</b>	<b>17.4 ± 0.1</b>
2014	33	1	2.5	187.7	79.9	76.7	na	na	na	na	77.8 ± 1.7	0.8 ± 0.03	17 ± 0.02
2014	33	2	4.7	305.1	69.6	85.1	na	na	na	na	100.8 ± 1.4	0.5 ± 0.02	17.9 ± 0.02
<b>Mean ± SE</b>			<b>3.6 ± 0.5</b>	<b>246.4 ± 26.3</b>	<b>74.8 ± 2.3</b>	<b>80.9 ± 1.9</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>89.3 ± 5.1</b>	<b>0.7 ± 0.1</b>	<b>17.5 ± 0.2</b>
2014	34	1	10.5	422.4	108.8	221.8	na	na	na	na	316.9 ± 6.9	2.3 ± 0.06	19.3 ± 0.03
2014	35	1	1.6	129.7	56.3	84.1	na	na	na	na	60.8 ± 2.6	0.7 ± 0.04	16.9 ± 0.02
2014	35	2	4.4	183.3	62.9	228.5	na	na	na	na	106.5 ± 0.7	0.4 ± 0.02	18 ± 0.01
2014	35	3	6.5	344.4	109.7	225.8	na	na	na	na	172.2 ± 2.9	1.3 ± 0.05	17.1 ± 0.01
<b>Mean ± SE</b>			<b>4.1 ± 0.8</b>	<b>219.1 ± 35.3</b>	<b>76.3 ± 9.2</b>	<b>179.5 ± 26.1</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>na</b>	<b>113.2 ± 17.7</b>	<b>0.8 ± 0.1</b>	<b>17.3 ± 0.2</b>

Table S2 Results from the linear models (LM), linear mixed effects models (LME) and generalized linear models (GLME) for differences in foraging metrics and dive behaviour of female Cape fur seals among Kleinsee individuals tracked in 2014 and 2015. Where parameters were not available for a particular model they have been specified as na.

Model	Response	Predictor	CE	SE	df	t/z-value	p-value
LM	Duration	Intercept (2014)	6.1	1.0	na	6.4	< 0.001
		2015	1.3	1.2	na	1.0	0.31
LM	Total distance	Intercept (2014)	353.5	48.3	na	7.3	< 0.001
		2015	58.8	61.9	na	1.0	0.35
LM	Maximum distance	Intercept (2014)	126.8	15.5	na	8.2	< 0.001
		2015	17.4	19.8	na	0.9	0.39
LM	Distal bearing	Intercept (2014)	261.7	13.8	na	19.0	< 0.001
		2015	-18.1	17.6	na	-1.0	0.32
LME	Dive depth	Intercept (2014)	3.9	0.2	21.1	23.7	< 0.001
		2015	-0.2	0.2	21.1	-0.8	0.42
GLME	Probability of benthic diving	Intercept (2014)	-0.2	0.4	na	-0.5	0.64
		2015	-0.9	0.5	na	-1.7	0.09

Table S3 Results from the linear mixed effects models (LME) for the relationships between foraging trip metrics and the proportion of benthic dives per trip for female Cape fur seals tracked at Kleinsee and False Bay.

Model	Response	Predictor	CE	SE	df	t-value	p-value
LME	Duration	Intercept	10.4	1.3	48.7	8.1	<b>&lt; 0.001</b>
		Proportion benthic dives	-7.7	2.7	42.5	-2.9	<b>&lt; 0.01</b>
	Total distance	Intercept	541.6	66.7	51.8	8.1	<b>&lt; 0.001</b>
		Proportion benthic dives	-352.1	140.6	55.1	-2.5	<b>&lt; 0.05</b>
	Maximum distance	Intercept	169.1	18.4	52.8	9.2	<b>&lt; 0.001</b>
		Proportion benthic dives	-91.2	38.5	57.2	-2.4	<b>&lt; 0.05</b>

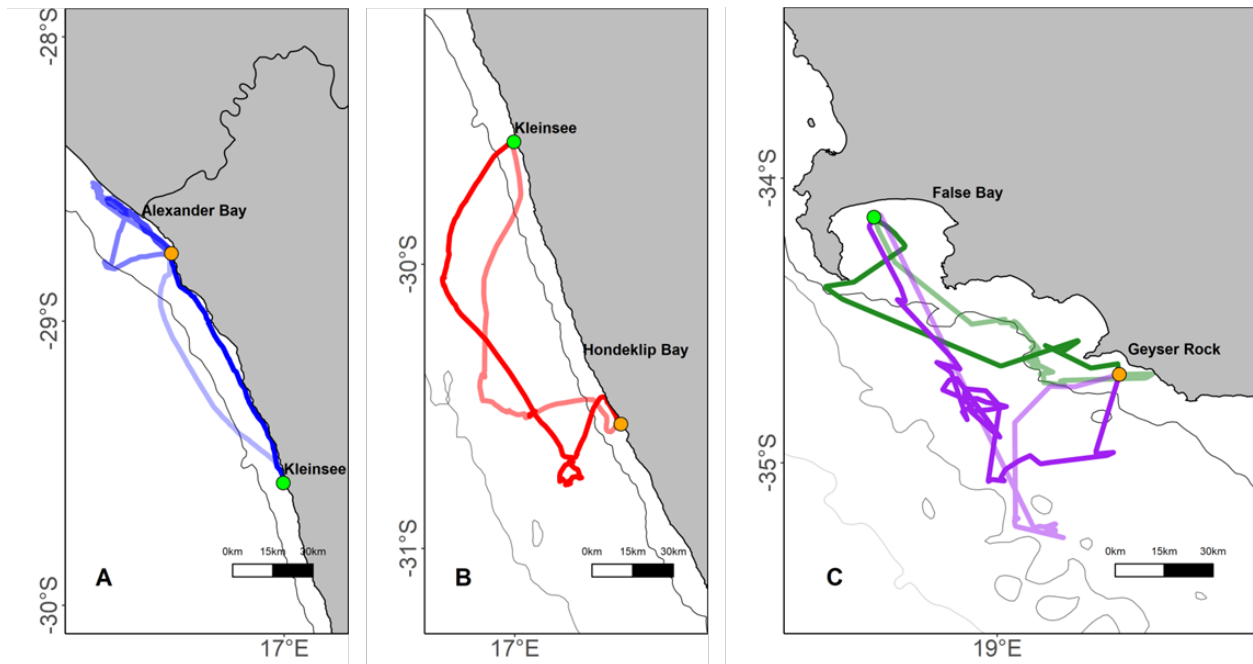


Fig S1 Haul out behaviours of female Cape fur seals tracked at Kleinsee (A,B) and False Bay (C). Each colour represents an individual female and lighter shading represents the leg of the foraging trip following haul out. Breeding colonies are indicated by green dots and haul out sites away from the colonies are indicated by orange dots. Isobaths representing the 100 m (black lines), 200 m (dark grey lines) and 1000 m (light grey lines) depth contours are shown.

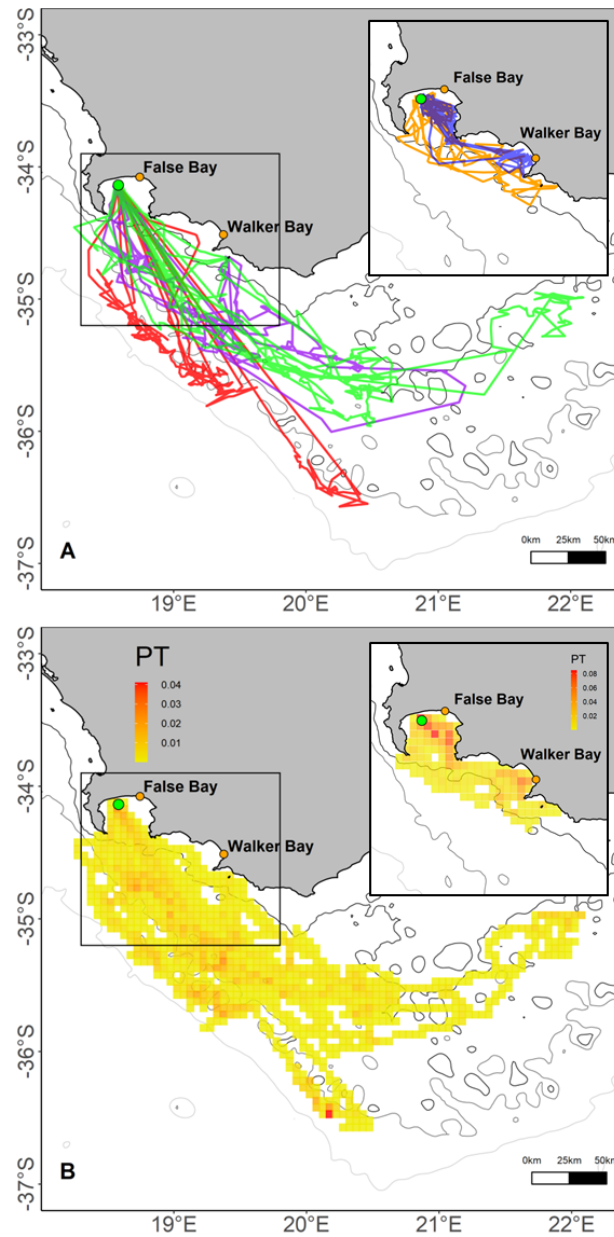


Fig S2 Foraging tracks (A) and the proportion of time spent (PT) per 0.05° grid cell (B) for female Cape fur seals from False Bay that either travelled further from the colony over the Agulhas Bank or remained within False Bay and Walker Bay (Insets). Foraging tracks for each female are represented by a unique colour and the breeding colony at Seal Island, False Bay is represented by a green dot. Bays are represented by orange dots. Isobaths representing the 100 m (black lines), 200 m (dark grey lines) and 1000 m (light grey lines) depth contours are shown.

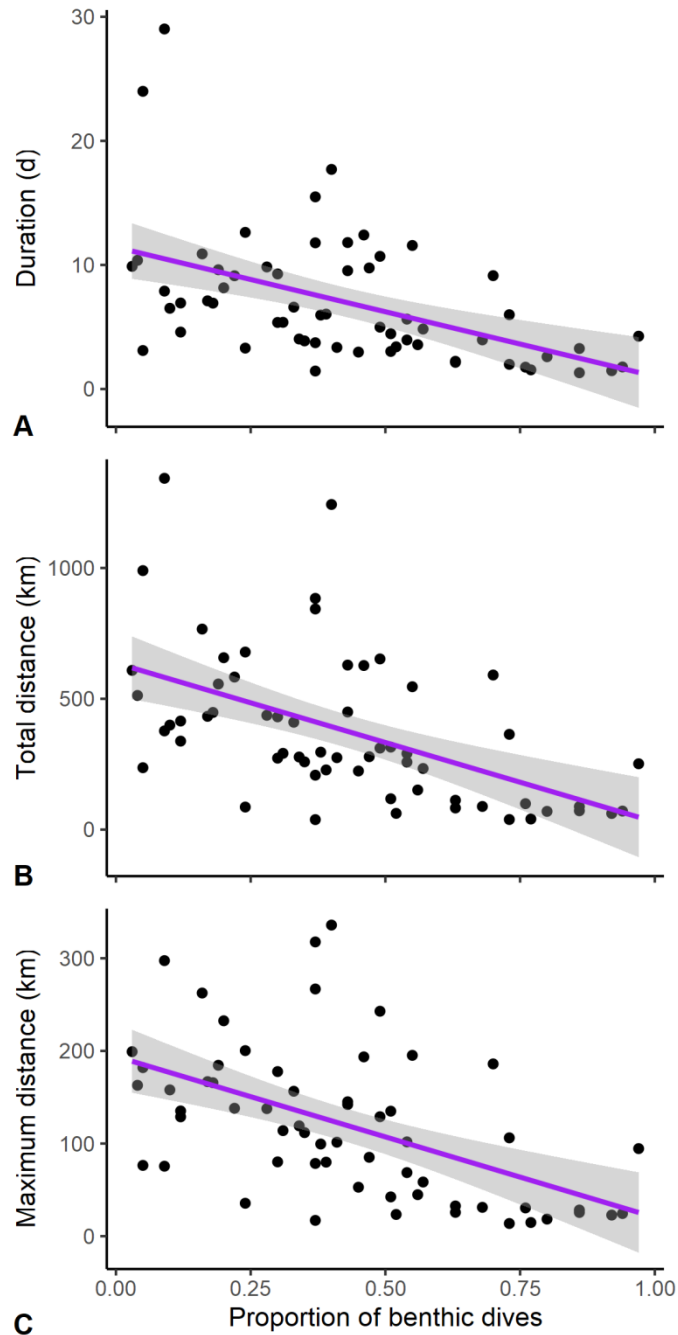


Fig S3 Linear mixed effects regressions illustrating the relationship between the proportion of benthic dives per trip and the duration (A), total distance (B) and maximum distance (C) recorded for female Cape fur seals from Kleinsee and False Bay. Grey shaded areas represent Standard Error (SE) estimates from the model.