**Supporting information to:**

**Pup vibrissae stable isotopes reveal geographic differences in adult female southern sea lion habitat use during gestation**

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**Content:**

**S1 Table: Isotope data for 65 Southern sea lion pups sampled from breeding colonies around the Falkland Islands (see ‘Methods’ for details).**

S1 Table

|  |  |  |
| --- | --- | --- |
| **δ13C** | **δ15N** | **Island** |
| -12.6 | 19.7 | West Double Creek |
| -11.8 | 18.7 | Tussock Island |
| -11.2 | 19.7 | Circum Island |
| -11.1 | 20.0 | Green Island |
| -11.1 | 20.4 | Cattle Point Island |
| -10.8 | 21.9 | Cattle Point Island |
| -11.8 | 19.0 | Green Island |
| -11.2 | 20.5 | Sandy Tyssen |
| -12.7 | 20.1 | Big Shag Island |
| -11.7 | 19.7 | Big Shag Island |
| -11.7 | 21.4 | Big Shag Island |
| -11.8 | 20.7 | Big Shag Island |
| -12.5 | 19.7 | Big Shag Island |
| -11.9 | 20.3 | Big Shag Island |
| -12.4 | 19.3 | Turn Island |
| -11.8 | 20.7 | Turn Island |
| -12.2 | 21.9 | Turn Island |
| -12.3 | 22.0 | Turn Island |
| -11.9 | 20.6 | Turn Island |
| -11.8 | 19.2 | Turn Island |
| -12.4 | 20.9 | Turn Island |
| -11.6 | 19.5 | Turn Island |
| -12.4 | 20.0 | Turn Island |
| -11.6 | 21.8 | Turn Island |
| -11.9 | 20.1 | Turn Island |
| -12.3 | 21.5 | Turn Island |
| -12.4 | 19.1 | Motley Island |
| -13.4 | 17.2 | Stinker Island |
| -13.8 | 18.7 | Stinker Island |
| -14.0 | 17.3 | Tussock Island |
| -13.3 | 17.7 | Tussock Island |
| -13.9 | 17.7 | Stinker Island |
| -14.2 | 16.7 | Twins North |
| -13.7 | 17.6 | North Fur Island |
| -13.5 | 18.0 | South Fur Island |
| -13.1 | 17.8 | Twins North |
| -13.2 | 17.4 | South Fur Island |
| -13.9 | 17.0 | Twins South |
| -13.8 | 15.9 | Green Island |
| -12.8 | 17.5 | Green Island |
| -13.1 | 17.9 | West Tyseen |
| -13.0 | 16.9 | Peat Island |
| -13.8 | 18.5 | Big Shag Island |
| -13.9 | 17.9 | Big Shag Island |
| -14.1 | 17.6 | Big Shag Island |
| -14.1 | 18.5 | Big Shag Island |
| -14.0 | 18.1 | Big Shag Island |
| -13.7 | 17.5 | Big Shag Island |
| -13.8 | 18.1 | Big Shag Island |
| -13.6 | 17.7 | Big Shag Island |
| -13.4 | 18.7 | Turn Island |
| -13.4 | 17.7 | Turn Island |
| -13.3 | 18.3 | Motley Island |
| -12.4 | 18.3 | West Double Creek |
| -12.5 | 18.2 | Tussock Island |
| -13.0 | 18.5 | Twins South |
| -12.6 | 18.1 | Outer Island |
| -12.6 | 18.0 | Green Island |
| -12.5 | 17.9 | Sal Island |
| -12.3 | 18.4 | Blind Island |
| -12.3 | 18.3 | Big Shag Island |
| -13.0 | 18.6 | Big Shag Island |
| -12.7 | 18.9 | Turn Island |
| -12.6 | 18.6 | Turn Island |
| -12.5 | 18.2 | Motley Island |