**S2**

**What enables size-selective trophy hunting of wildlife?**

**Table S1.** Full set of candidate generalized linear models to predict the odds of wildlife hunters killing large cervids in British Columbia and Alberta, Canada.

|  |  |  |
| --- | --- | --- |
| **Model Form** | ∆**AIC** |  **ωi**  |
| guide |  0.0 |  0.22 |
| guide, RBM, guide\*RBM |  0.3 |  0.19 |
| guide, age |  0.5 |  0.17 |
| guide, RBM |  1.3 |  0.12 |
| guide, camo |  1.9 |  0.09 |
| guide, RBM, age |  1.9 |  0.09 |
| guide, age, guide\*age |  2.4 |  0.07 |
| guide, camo, age |  2.5 |  0.06 |
| age, RBM | 62.0 | <0.01 |
| age, camo | 62.6 | <0.01 |
| age, RBM, age\*RBM | 63.2 | <0.01 |
| RBM | 64.8 | <0.01 |
| camo | 65.9 | <0.01 |

**Table S2.** Top models (∆AIC≤2) to predict the odds of wildlife hunters killing large cervids in British Columbia and Alberta, Canada.

|  |  |  |
| --- | --- | --- |
| **Model Form** | ∆**AIC** |  **ωi** |
| guide |  0.0 | 0.26 |
| guide, age |  0.5 | 0.21 |
| guide, RBM |  1.9 | 0.10 |
| guide, camo |  1.9 | 0.10 |
| guide, RBM, guide\*RBM |  2.0 | 0.10 |

**Table S3.** Model-averaged parameter estimates and relative importance derived from inference across the top model set.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Variable** | **Estimate** | **P** | **Odds Ratio** | **95% CI** | ∑ **AIC ωi** |
| guide |  1.21 | **0.01** | 3.36 | 1.41-7.99 | 1.00 |
| age |  0.10 | 0.23 | 1.10 | 0.94-1.29 | 0.33 |
| RBM |  0.05 | 0.54 | 1.06 | 0.89-1.25 | 0.33 |
| RBM\*guide | -0.14 | 0.17 | 0.87 | 0.71-1.06 | 0.12 |
| camo |  0.02 | 0.80 | 1.03 | 0.84-1.25 | 0.12 |