First, we define odds:

where p is the chance of a successful outcome. In words, odds are the ratio between successful and unsuccessful outcomes.

**Some numbers:**

1. The odds of tag recovery are 43.8 % higher for 23 mm tags compared to 14 mm   
   (p = 0.00005), all other parameters being equal.
2. Release location has no effect on recovery probability (p = 0.77)
3. Effect on recovery odds of release month and year, compared to March 2022:
4. Table 1. Change in recovery odds from release in March. Confidence intervals in brackets.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Year | March | April | May | June |
| 2022 | 0 %  [0 %, 0 %] | +26.9 %  [+1.5 %, +58.6 %] | +15.1 %  [-6.5 %, +41.7 %] | -22.5 %  [-43.4 %, +6.3 %] |
| 2024 | +50.4 %  [-65.4 %, -28.7 %] | -14.0 %  [-34.5 %, +12.9 %] | +6.9 %  [-16.4 %, +36.7 %] | -19.5 %  [-37.1 %, +3.2 %] |

1. Graph comparing species, year, and month. This includes the multiplication from the feeding experiment. We have to talk about which graphs to include. Errorbars are 1SD. Blue graphs are averaged over month and year+month, respectively, and not weighted by number of observations, e.g., months with 200 and 500 observations count the same.

A graph of different colors

AI-generated content may be incorrect.A graph of different sizes of blue bars

AI-generated content may be incorrect.

A comparison of a graph

AI-generated content may be incorrect.

MARKUS DEADLINES:  
Method draft 18 maj