|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Parameter** | **Estimate**  **(95% confidence intervals)** | **Laplace-approximation model evidence** |
| **Models with the depletion effect** | | | |
| Model 1 |  | 0.0005 (0.0004–0.0007) | 1120.56 |
| Model 2 |  | 0.0013 (0.0009–0.0017) | 1044.03 |
|  | 0.0002 (0.0001–0.0004) |
|  | 0.0009 (0.0006–0.0013) |
|  | 0.0002 (0.0001–0.0003) |
|  | 0.0005 (0.0002–0.0008) |
|  | 0.0018 (0.0006–0.0042) |
| **Models without the depletion effect** | | | |
| Model 3 |  | 0.0061 (0.0050–0.0074) | 1152.17 |
| Model 4 |  | 0.0183 (0.0131–0.0247) | 1062.14 |
|  | 0.0014 (0.0004–0.0033) |
|  | 0.0101 (0.0068–0.0143) |
|  | 0.0020 (0.0011–0.0033) |
|  | 0.0059 (0.0029–0.0103) |
|  | 0.0200 (0.0061–0.0455) |