|  | | | | **Effective N** | | **Ratios** | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Data** | **log(theta)** | **Nave** | **Harmonic mean** | **Dirichlet** | **McAllister-Ianelli** | **Dirichlet** |
| Model 19.12 | Fishery Length | 9.990 | 369 | 609 | 369 | 1.65 | 1.00 |
| Model 19.12A | Fishery Length | 9.989 | 369 | 608 | 369 | 1.65 | 1.00 |
| Model 21.1 | Fishery Length | 9.989 | 369 | 597 | 369 | 1.62 | 1.00 |
| Model 21.2 | Fishery Length | 9.989 | 369 | 607 | 369 | 1.64 | 1.00 |
| Model 22.1 | Fishery Length | 9.990 | 369 | 608 | 369 | 1.65 | 1.00 |
| Model 22.2 | Fishery Length | 9.989 | 369 | 606 | 369 | 1.64 | 1.00 |
| Model 22.3 | Fishery Length | 9.989 | 369 | 613 | 369 | 1.66 | 1.00 |
| Model 22.4 | Fishery Length | 9.989 | 369 | 605 | 369 | 1.64 | 1.00 |
| Model 19.12 | Survey Length | 9.985 | 369 | 631 | 369 | 1.71 | 1.00 |
| Model 19.12A | Survey Length | 9.984 | 369 | 604 | 369 | 1.64 | 1.00 |
| Model 21.1 | Survey Length | 9.985 | 369 | 592 | 369 | 1.60 | 1.00 |
| Model 21.2 | Survey Length | 9.983 | 369 | 577 | 369 | 1.56 | 1.00 |
| Model 22.1 | Survey Length | 9.985 | 369 | 636 | 369 | 1.72 | 1.00 |
| Model 22.2 | Survey Length | 9.984 | 369 | 605 | 369 | 1.64 | 1.00 |
| Model 22.3 | Survey Length | 9.985 | 369 | 604 | 369 | 1.64 | 1.00 |
| Model 22.4 | Survey Length | 9.983 | 369 | 586 | 369 | 1.59 | 1.00 |
| Model 19.12 | Survey Age | 0.021 | 350 | 108 | 178 | 0.31 | 0.51 |
| Model 19.12A | Survey Age | -0.183 | 350 | 101 | 160 | 0.29 | 0.46 |
| Model 21.1 | Survey Age | 0.104 | 350 | 106 | 185 | 0.30 | 0.53 |
| Model 21.2 | Survey Age | -0.385 | 350 | 93 | 143 | 0.27 | 0.41 |
| Model 22.1 | Survey Age | -0.393 | 350 | 79 | 142 | 0.23 | 0.41 |
| Model 22.2 | Survey Age | -0.472 | 350 | 72 | 135 | 0.21 | 0.39 |
| Model 22.3 | Survey Age | -0.453 | 350 | 72 | 137 | 0.21 | 0.39 |
| Model 22.4 | Survey Age | -0.679 | 350 | 69 | 119 | 0.20 | 0.34 |