| **Label** | **Model 19.12** | **Model 19.12A** | **Model 21.1** | **Model 21.2** | **Ensemble** |
| --- | --- | --- | --- | --- | --- |
| Number\_parameters | 348.000 | 306.000 | 310.000 | 307.000 |  |
| TOTAL\_like | 10,764.500 | 10,854.400 | 10,858.200 | 10,896.700 |  |
| Survey\_like | -95.134 | -4.742 | -4.104 | -43.204 |  |
| Length\_comp\_like | 9,960.950 | 9,991.010 | 10,010.400 | 10,066.800 |  |
| Age\_comp\_like | 786.738 | 794.939 | 784.932 | 796.359 |  |
| Parm\_priors\_like | 0.000 | 0.000 | 0.000 | 0.000 |  |
| Recr\_Virgin\_millions | 476.228 | 573.673 | 436.589 | 569.663 |  |
| SR\_LN(R0) | 13.074 | 13.260 | 12.987 | 13.253 | 13.142 |
| SR\_BH\_steep | 1.000 | 1.000 | 1.000 | 1.000 | 1.000 |
| NatM\_uniform\_Fem\_GP\_1 | 0.342 | 0.363 | 0.324 | 0.359 | 0.347 |
| L\_at\_Amax\_Fem\_GP\_1 | 116.345 | 111.848 | 144.934 | 115.542 | 121.411 |
| VonBert\_K\_Fem\_GP\_1 | 0.107 | 0.118 | 0.064 | 0.103 | 0.100 |
| SSB\_Virgin\_thousand\_mt | 1,400.160 | 1,374.830 | 1,721.660 | 1,407.580 | 1,358.442 |
| Bratio\_2021 | 0.374 | 0.415 | 0.349 | 0.368 | 0.380 |
| SPRratio\_2020 | 0.583 | 0.538 | 0.603 | 0.564 | 0.570 |
| Q | 1.033 | 0.917 | 1.067 | 0.890 | 0.978 |
| SSB\_unfished | 1.307 | 1.278 | 1.578 | 1.294 | 1,358,441.774 |
| ann\_F\_MSY | 0.301 | 0.349 | 0.278 | 0.353 | 0.320 |
| ForeCatch\_2023 | 127,161.000 | 169,418.000 | 116,160.000 | 154,362.000 | 142,539.000 |
| ForeCatch\_2024 | 127,073.000 | 153,741.000 | 122,787.000 | 150,321.000 | 138,417.000 |