**Sequence of WHAM model configurations with Run19 ASAP dat file from 2023MT**

This appendix details the sequence of model configurations explored to arrive at the latest WHAM model. In the summary table below, the following abbreviations are used: Big = Bigelow, Alb = Albatross, OFV = objective function value; ESS = effective sample size; agg = aggregate, obs = observed, stdev = standard deviation, B = biomass, SSB = spawning stock biomass.

| **Run** | **Description** | **Diagnostics** |
| --- | --- | --- |
|  | *Reproducing ASAP results in WHAM* |  |
| 0 | RUN9\_For\_WHAM.DAT – ASAP Run 9 but meets WHAM requirements (index age of first selectivity specification (initial guesses now set at 0) and 2) -999 in Albatross extended to 2020-2022) | General trends captured but still have some |
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