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| **Slot** | **Description** |
| **Time series data** | |
| Year | Years |
| Cat | Annual catches in weight (landings plus dead discards) |
| Ind | Relative abundance index (e.g. standardized Catch Per Unit Effort (CPUE), acoustic survey, etc.) |
| t | Duration of data used for DCAC - relevant only to AvC and Dt |
| AvC | Average catch over time t (for DCAC only) |
| Dt | Depletion over time t (for DCAC only) |
| Rec | Index of relative recruitment strength |
| CAA | Catch-at-age data (frequency of catches in each age class); a matrix years x age classes |
| CAL\_bins | The definition (break points) of the length classes |
| CAL | Catch-at-length data (frequency of catches in each length class); a matrix years by length classes |
| **Biological parameters** | |
| Mort | Instantaneous natural mortality rate |
| L50 | Length at 50% maturity |
| L95 | Length at 95% maturity |
| vbK | Von Bertalanffy *κ* parameter |
| vbLinf | Von Bertalanffy *L∞* parameter |
| vbt0 | Von Bertalanffy *t0* parameter |
| wla | Length-weight parameter a (W=aLb) |
| wlb | Length-weight parameter b (W=aLb) |
| steep | Steepness of the stock-recruitment function (the fraction of unfished recruitment at 0.2 of unfished biomass) |
| MaxAge | Maximum age |
| **Selectivity** | |
| LFC | Length at first capture (usually selectivity at 50%) |
| LFS | Length at full selection (selectivity at 100%) |
| **Reference Points** | |
| FMSY\_M | The ratio of FMSY to natural mortality rate (typically in the range 0.3 - 1.5) |
| BMSY\_B0 | The depletion level corresponding to the most productive stock size (BMSY) |
| Cref | Target catch level (e.g. a proxy of MSY) |
| Bref | Target biomass level (e.g. a proxy of BMSY) |
| Iref | Target relative abundance level (e.g. a proxy of a CPUE near BMSY) |
| Dep | Current stock depletion (biomass today relative to unfished levels) |
| Abun | Current stock abundance (absolute, for example in tonnes) |
| **Uncertainties (CV is the coefficient of variation - the standard deviation divided by the mean)** | |
| CV\_Cat | Imprecision in annual catches |
| CV\_Dt | Imprecision in value of depletion over time t (DCAC only) |
| CV\_AvC | Average catch over time t (DCAC only) |
| CV\_Ind | Imprecision in historical annual relative abundance |
| CV\_Mort | Imprecision in instantaneous natural mortality rate |
| CV\_Rec | Imprecision in historical recruitment strength |
| CV\_FMSY\_M | Imprecision in the ratio of FMSY to natural mortality rate |
| CV\_BMSY\_B0 | Imprecision in the position of the most productive stock size relative to unfished |
| CV\_Cref | Imprecision in the target catch level |
| CV\_Bref | Imprecision in the target biomass level |
| CV\_Iref | Imprecision in the target relative abundance index level |
| CV\_Dep | Imprecision in the estimate of current stock depletion (biomass relative to unfished) |
| CV\_Abun | Imprecision in the estimate of current stock abundance |
| CV\_vbK | Imprecision in the von B. *κ* parameter |
| CV\_vbLinf | Imprecision in the von B. *L∞* parameter |
| CV\_vbt0 | Imprecision in the von B. *t0* parameter |
| CV\_L50 | Imprecision in the Age at 50% maturity |
| CV\_LFC | Imprecision in the Length at 50% first capture |
| CV\_LFS | Imprecision in the Length at full (100%) selection |
| CV\_wla | Imprecision in the Length-weight parameter a |
| CV\_wlb | Imprecision in the Length-weight parameter b |
| CV\_steep | Imprecision in the Steepness |
| sigmaL | Imprevision in length composition data |
| **Miscellaneous** | |
| Name | Name of the dataset |
| Units | Units (e.g. tonnes) |
| Ref | Reference OFL (e.g. a previous catch recommendation) |
| Ref\_type | Reference OFL type (input control, catch limit) |
| LHYear | Last historical year of the simulation (prior to projections) |
| MPrec | A previous recommendation of a management procedure (e.g. a catch limit in tonnes). |
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