[Home](http://docs.google.com/SS_output.html)

[Bio](http://docs.google.com/SS_output_Bio.html)

[Sel](http://docs.google.com/SS_output_Sel.html)

[Timeseries](http://docs.google.com/SS_output_Timeseries.html)

[RecDev](http://docs.google.com/SS_output_RecDev.html)

[S-R](http://docs.google.com/SS_output_S-R.html)

[SPR](http://docs.google.com/SS_output_SPR.html)

[Discard](http://docs.google.com/SS_output_Discard.html)

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[Numbers](http://docs.google.com/SS_output_Numbers.html)

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[LenComp](http://docs.google.com/SS_output_LenComp.html)

[AgeComp](http://docs.google.com/SS_output_AgeComp.html)

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## Index



Index data for CM\_E. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_CM\_E.png*](http://docs.google.com/index1_cpuedata_CM_E.png)

**

Fit to index data for CM\_E. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index2\_cpuefit\_CM\_E.png*](http://docs.google.com/index2_cpuefit_CM_E.png)

**

Observed vs. expected index values with smoother for CM\_E

*file:* [*index3\_obs\_vs\_exp\_CM\_E.png*](http://docs.google.com/index3_obs_vs_exp_CM_E.png)

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Log index data for CM\_E. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index4\_logcpuedata\_CM\_E.png*](http://docs.google.com/index4_logcpuedata_CM_E.png)

**

Fit to log index data on log scale for CM\_E. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index5\_logcpuefit\_CM\_E.png*](http://docs.google.com/index5_logcpuefit_CM_E.png)

**

log(observed) vs. log(expected) index values with smoother for CM\_E

*file:* [*index6\_log\_obs\_vs\_exp\_CM\_E.png*](http://docs.google.com/index6_log_obs_vs_exp_CM_E.png)

**

Index data for CM\_W. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_CM\_W.png*](http://docs.google.com/index1_cpuedata_CM_W.png)

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*file:* [*index2\_cpuefit\_CM\_W.png*](http://docs.google.com/index2_cpuefit_CM_W.png)

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Observed vs. expected index values with smoother for CM\_W

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**

log(observed) vs. log(expected) index values with smoother for CM\_W

*file:* [*index6\_log\_obs\_vs\_exp\_CM\_W.png*](http://docs.google.com/index6_log_obs_vs_exp_CM_W.png)

**

Index data for REC. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_REC.png*](http://docs.google.com/index1_cpuedata_REC.png)

**

Fit to index data for REC. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index2\_cpuefit\_REC.png*](http://docs.google.com/index2_cpuefit_REC.png)

**

Observed vs. expected index values with smoother for REC

*file:* [*index3\_obs\_vs\_exp\_REC.png*](http://docs.google.com/index3_obs_vs_exp_REC.png)

**

Log index data for REC. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index4\_logcpuedata\_REC.png*](http://docs.google.com/index4_logcpuedata_REC.png)

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Fit to log index data on log scale for REC. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index5\_logcpuefit\_REC.png*](http://docs.google.com/index5_logcpuefit_REC.png)

**

log(observed) vs. log(expected) index values with smoother for REC

*file:* [*index6\_log\_obs\_vs\_exp\_REC.png*](http://docs.google.com/index6_log_obs_vs_exp_REC.png)

**

Index data for SMP\_BYC. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_SMP\_BYC.png*](http://docs.google.com/index1_cpuedata_SMP_BYC.png)

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Fit to index data for SMP\_BYC. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index2\_cpuefit\_SMP\_BYC.png*](http://docs.google.com/index2_cpuefit_SMP_BYC.png)

**

Observed vs. expected index values with smoother for SMP\_BYC

*file:* [*index3\_obs\_vs\_exp\_SMP\_BYC.png*](http://docs.google.com/index3_obs_vs_exp_SMP_BYC.png)

**

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*file:* [*index4\_logcpuedata\_SMP\_BYC.png*](http://docs.google.com/index4_logcpuedata_SMP_BYC.png)

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Fit to log index data on log scale for SMP\_BYC. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index5\_logcpuefit\_SMP\_BYC.png*](http://docs.google.com/index5_logcpuefit_SMP_BYC.png)

**

log(observed) vs. log(expected) index values with smoother for SMP\_BYC

*file:* [*index6\_log\_obs\_vs\_exp\_SMP\_BYC.png*](http://docs.google.com/index6_log_obs_vs_exp_SMP_BYC.png)

**

Catchability vs. vulnerable biomass for fleet SMP\_BYC

This plot should illustrate curvature of nonlinear catchability relationship

or reveal patterns associated with random-walk catchability.

*file:* [*index8\_q\_vs\_vuln\_bio\_SMP\_BYC.png*](http://docs.google.com/index8_q_vs_vuln_bio_SMP_BYC.png)

**

Index data for HB\_E. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_HB\_E.png*](http://docs.google.com/index1_cpuedata_HB_E.png)

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Observed vs. expected index values with smoother for HB\_E

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log(observed) vs. log(expected) index values with smoother for HB\_E

*file:* [*index6\_log\_obs\_vs\_exp\_HB\_E.png*](http://docs.google.com/index6_log_obs_vs_exp_HB_E.png)

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Index data for HB\_W. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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**

Observed vs. expected index values with smoother for HB\_W

*file:* [*index3\_obs\_vs\_exp\_HB\_W.png*](http://docs.google.com/index3_obs_vs_exp_HB_W.png)

**

Log index data for HB\_W. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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Fit to log index data on log scale for HB\_W. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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**

log(observed) vs. log(expected) index values with smoother for HB\_W

*file:* [*index6\_log\_obs\_vs\_exp\_HB\_W.png*](http://docs.google.com/index6_log_obs_vs_exp_HB_W.png)

**

Index data for CM\_E\_IFQ. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_CM\_E\_IFQ.png*](http://docs.google.com/index1_cpuedata_CM_E_IFQ.png)

**

Fit to index data for CM\_E\_IFQ. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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**

Observed vs. expected index values with smoother for CM\_E\_IFQ

*file:* [*index3\_obs\_vs\_exp\_CM\_E\_IFQ.png*](http://docs.google.com/index3_obs_vs_exp_CM_E_IFQ.png)

**

Log index data for CM\_E\_IFQ. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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Fit to log index data on log scale for CM\_E\_IFQ. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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**

log(observed) vs. log(expected) index values with smoother for CM\_E\_IFQ

*file:* [*index6\_log\_obs\_vs\_exp\_CM\_E\_IFQ.png*](http://docs.google.com/index6_log_obs_vs_exp_CM_E_IFQ.png)

**

Index data for CM\_W\_IFQ. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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Fit to index data for CM\_W\_IFQ. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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Observed vs. expected index values with smoother for CM\_W\_IFQ

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**

log(observed) vs. log(expected) index values with smoother for CM\_W\_IFQ

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**

Index data for LARVAL. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_LARVAL.png*](http://docs.google.com/index1_cpuedata_LARVAL.png)

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Fit to index data for LARVAL. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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**

Observed vs. expected index values with smoother for LARVAL

*file:* [*index3\_obs\_vs\_exp\_LARVAL.png*](http://docs.google.com/index3_obs_vs_exp_LARVAL.png)

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Log index data for LARVAL. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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Fit to log index data on log scale for LARVAL. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index5\_logcpuefit\_LARVAL.png*](http://docs.google.com/index5_logcpuefit_LARVAL.png)

**

log(observed) vs. log(expected) index values with smoother for LARVAL

*file:* [*index6\_log\_obs\_vs\_exp\_LARVAL.png*](http://docs.google.com/index6_log_obs_vs_exp_LARVAL.png)

**

Index data for VIDEO. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_VIDEO.png*](http://docs.google.com/index1_cpuedata_VIDEO.png)

**

Fit to index data for VIDEO. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index2\_cpuefit\_VIDEO.png*](http://docs.google.com/index2_cpuefit_VIDEO.png)

**

Observed vs. expected index values with smoother for VIDEO

*file:* [*index3\_obs\_vs\_exp\_VIDEO.png*](http://docs.google.com/index3_obs_vs_exp_VIDEO.png)

**

Log index data for VIDEO. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index4\_logcpuedata\_VIDEO.png*](http://docs.google.com/index4_logcpuedata_VIDEO.png)

**

Fit to log index data on log scale for VIDEO. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

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**

log(observed) vs. log(expected) index values with smoother for VIDEO

*file:* [*index6\_log\_obs\_vs\_exp\_VIDEO.png*](http://docs.google.com/index6_log_obs_vs_exp_VIDEO.png)

**

Index data for SEAMAP. Lines indicate 95% uncertainty interval around index values. Thicker lines (if present) indicate input uncertainty before addition of estimated additional uncertainty parameter.

*file:* [*index1\_cpuedata\_SEAMAP.png*](http://docs.google.com/index1_cpuedata_SEAMAP.png)

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**

Observed vs. expected index values with smoother for SEAMAP

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**

log(observed) vs. log(expected) index values with smoother for SEAMAP

*file:* [*index6\_log\_obs\_vs\_exp\_SEAMAP.png*](http://docs.google.com/index6_log_obs_vs_exp_SEAMAP.png)

**

Standardized indices overlaid

*file:* [*index9\_standcpueall.png*](http://docs.google.com/index9_standcpueall.png)