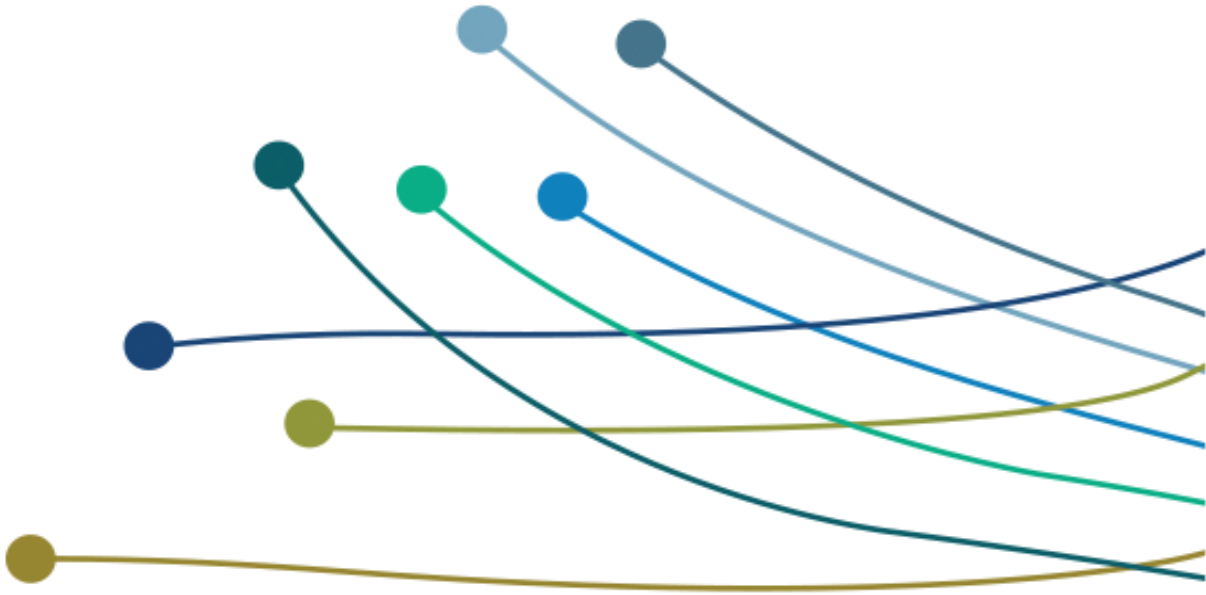
WKIrish and Feco
Where have we got to?

For NWWAC

Dave Reid



F_{eco} in the harvest strategy

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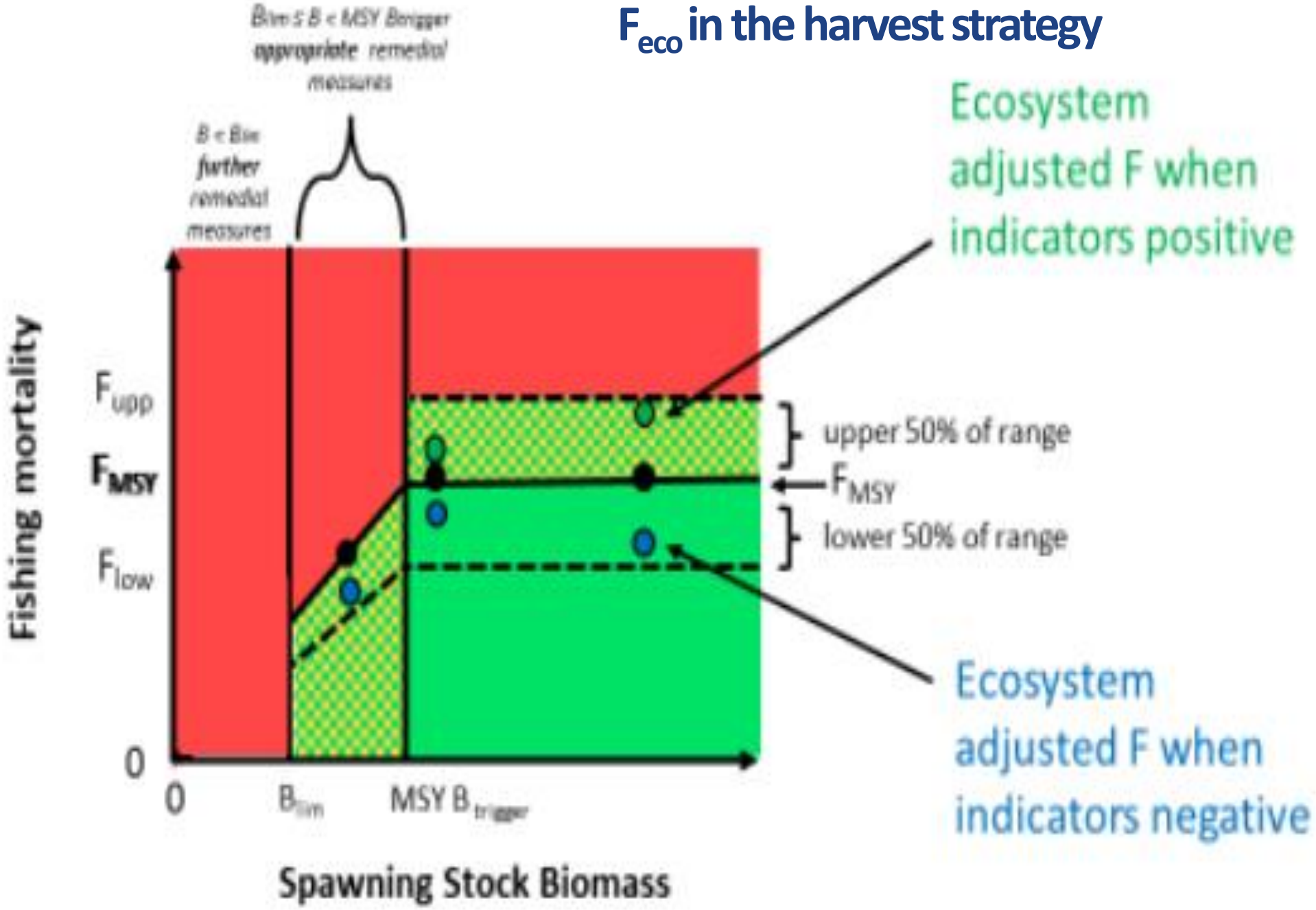
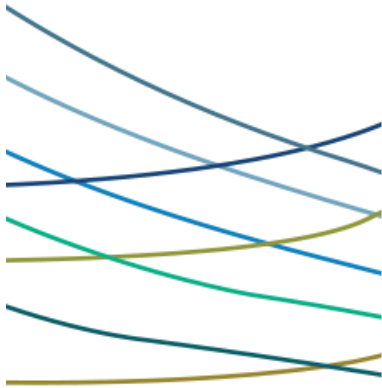
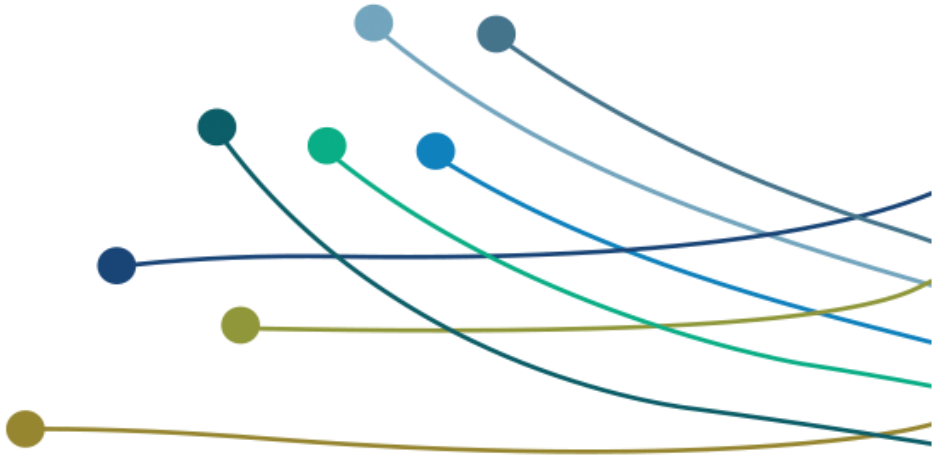




Developments on use of F_{eco} from the recent Benchmark assessment for Irish Sea cod

Thanks to Matt Lundey at AFBI



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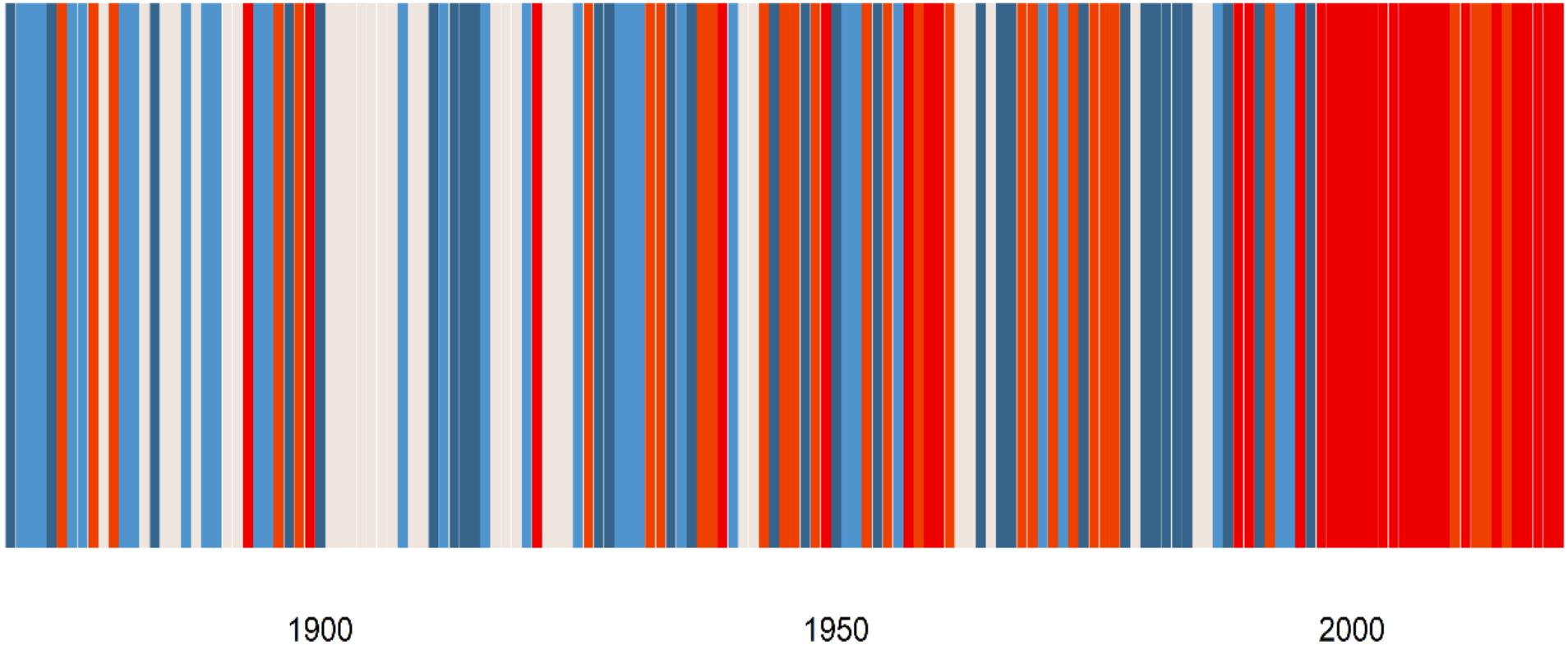
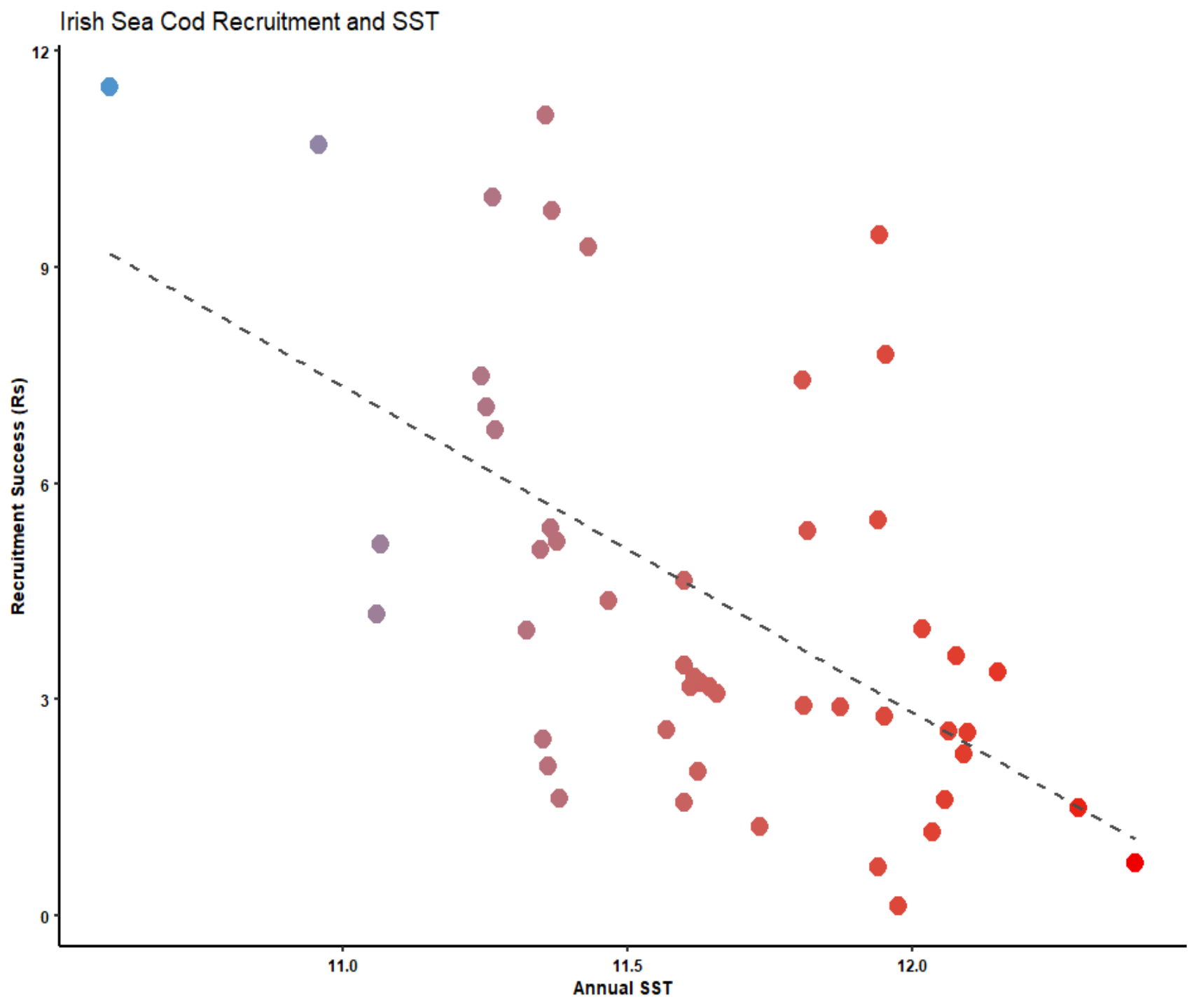
Temperature change in the Irish Sea since 1870





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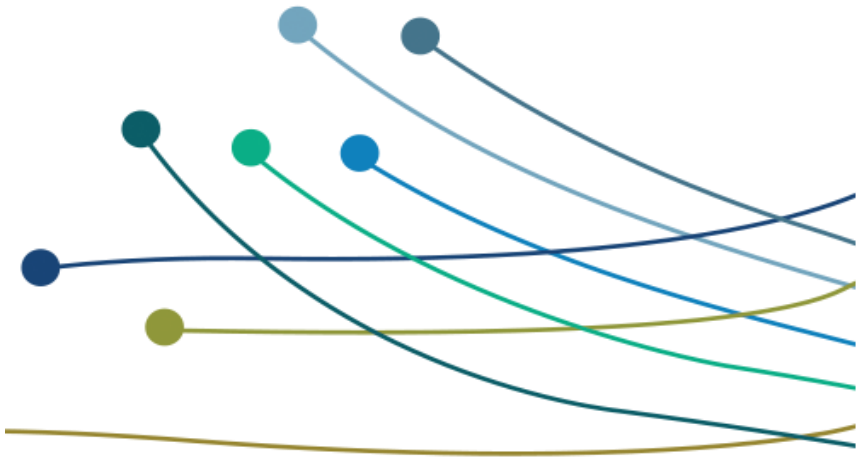
Negative relationship between Irish Sea cod recruitment and temperature



Modelled biomass trend in cod with and without ecosystem drivers

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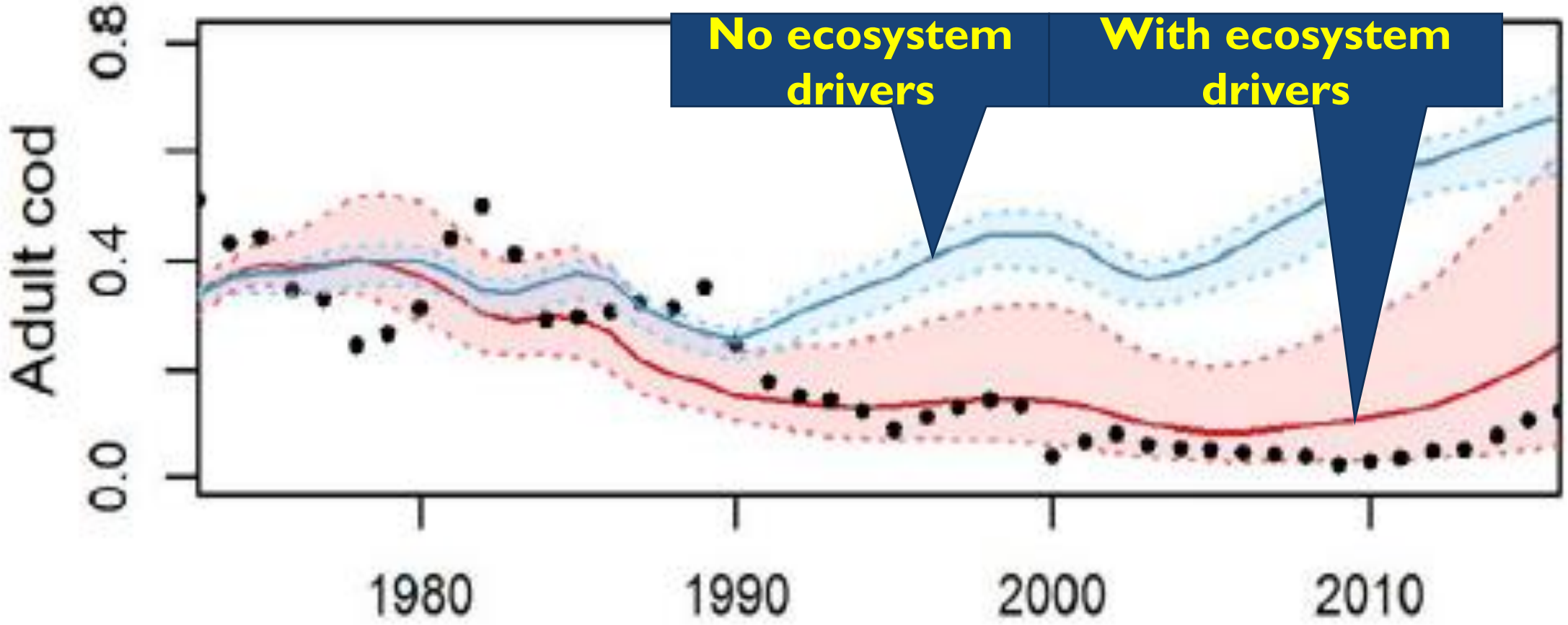

F_{eco} based on current temperature status and F_{msy} ranges

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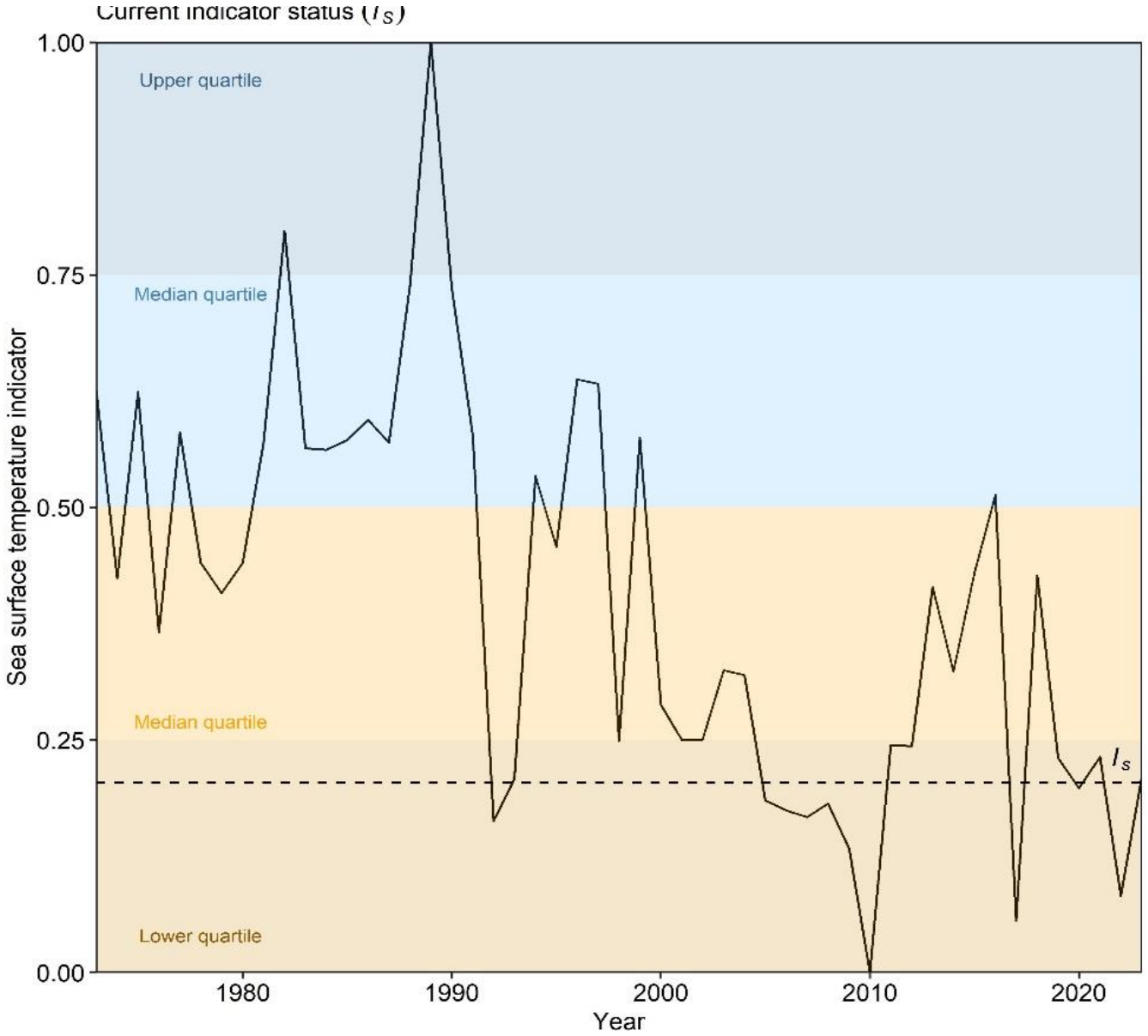

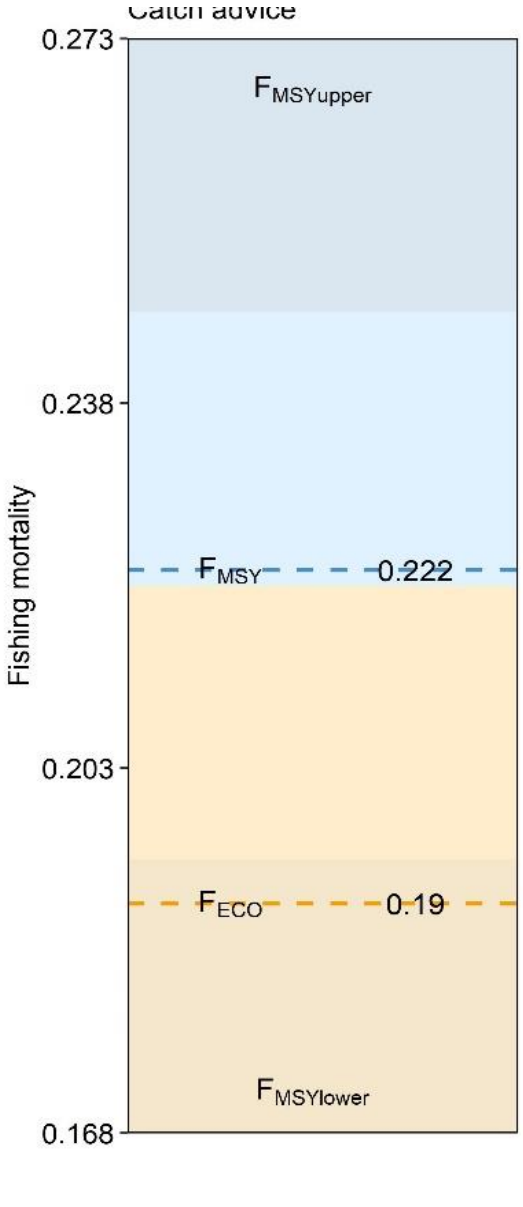

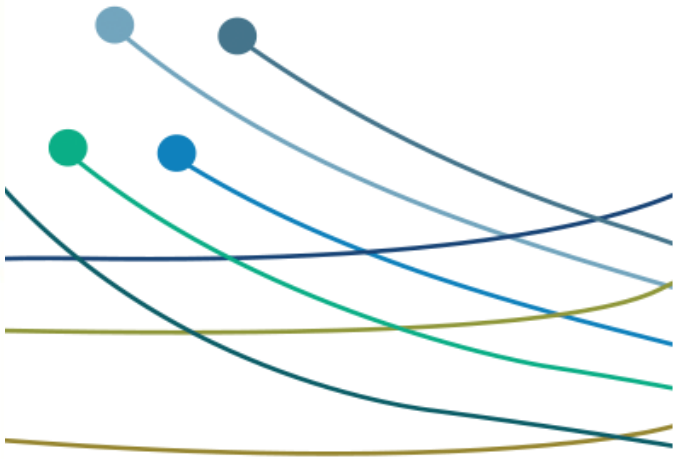

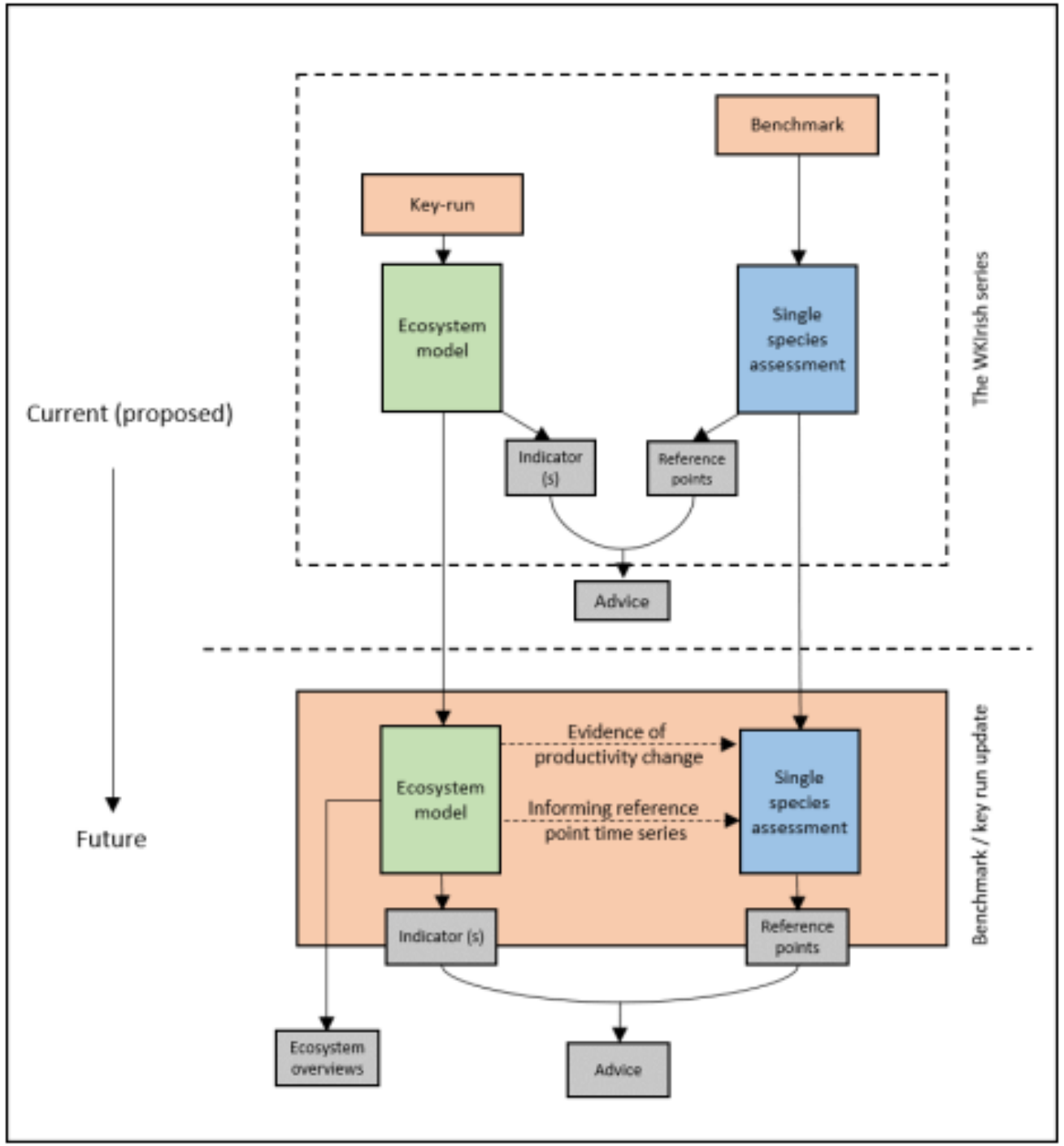

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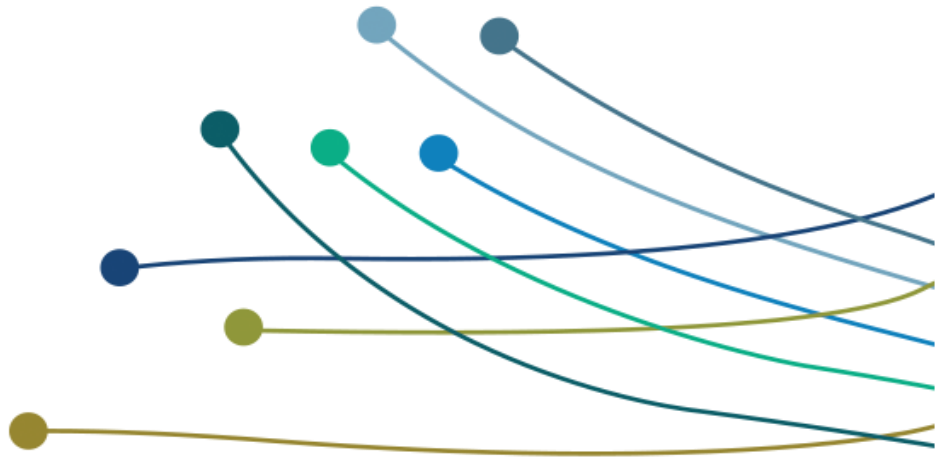
A framework for using F_{eco} now and in the future



ICES framework for using F_{eco} now and in the future

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ICES WKREF2 recommendations
Workshop on guidelines for reference points

ICES guidelines to include the possibility of using the Feco approach to adjust F based on ecosystem model information:

- The revised F should not exceed Fp05
- The ecosystem model to be reviewed as a Key Run by WGSAM
- The implementation should be evaluated and reviewed at a benchmark process.

THANK YOU

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