

# Pelagics

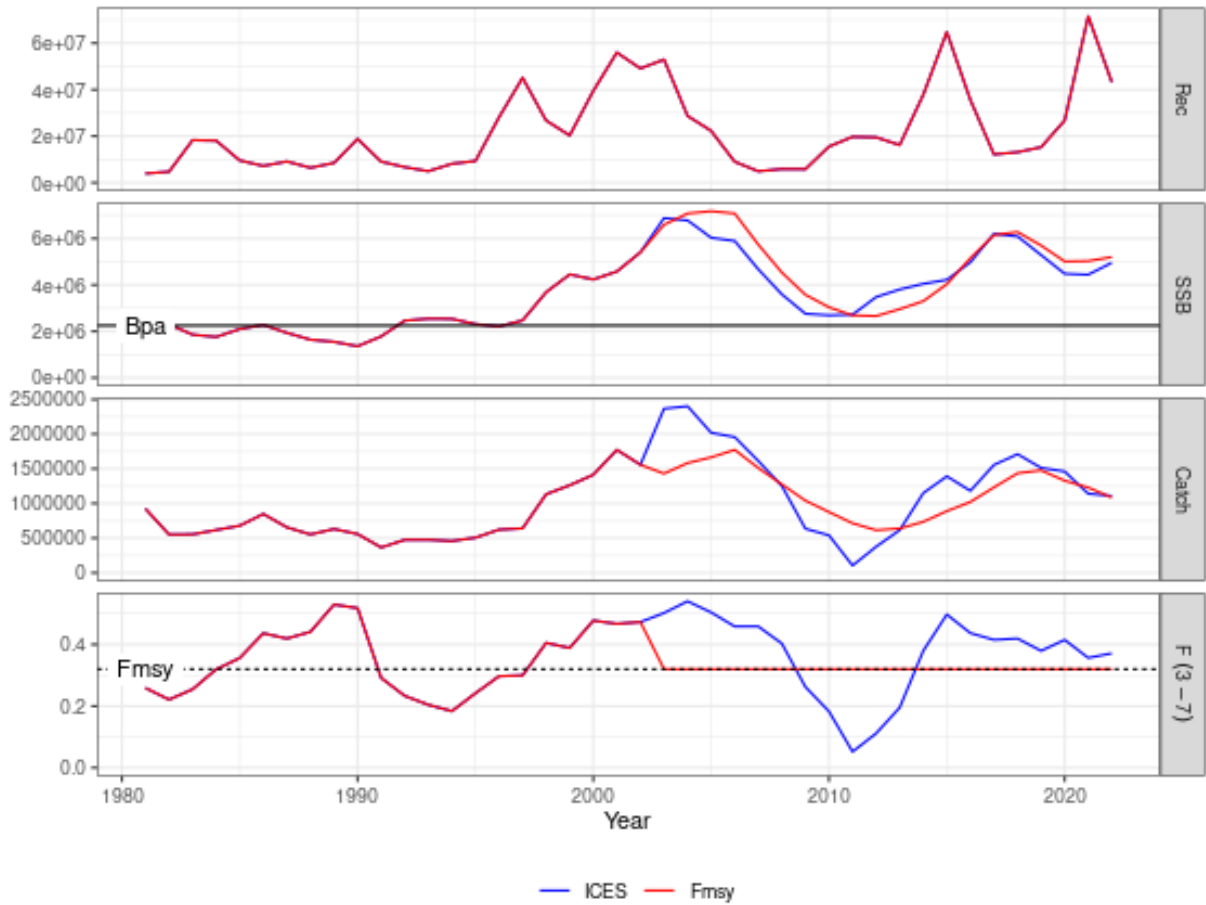
## Operating Model Conditioning

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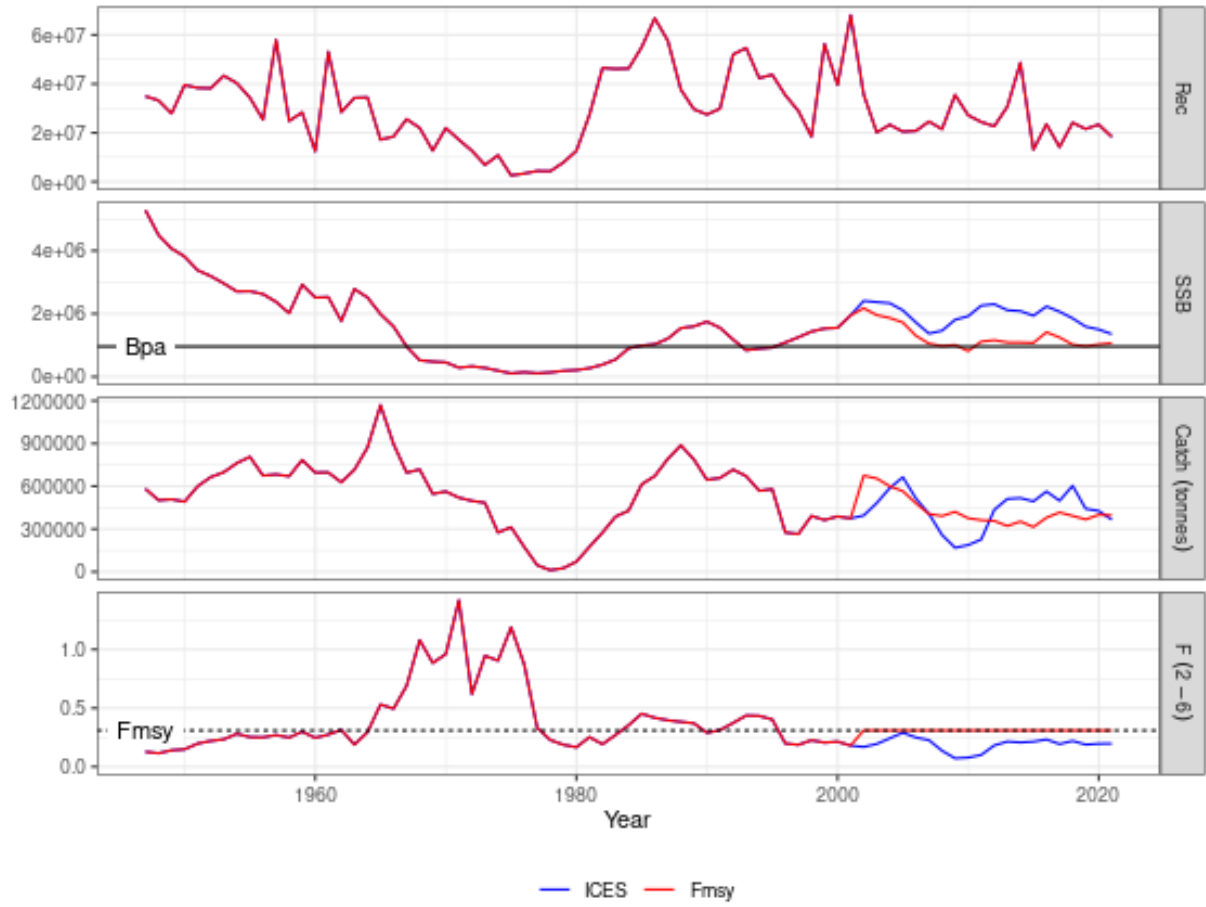
05 December, 2022

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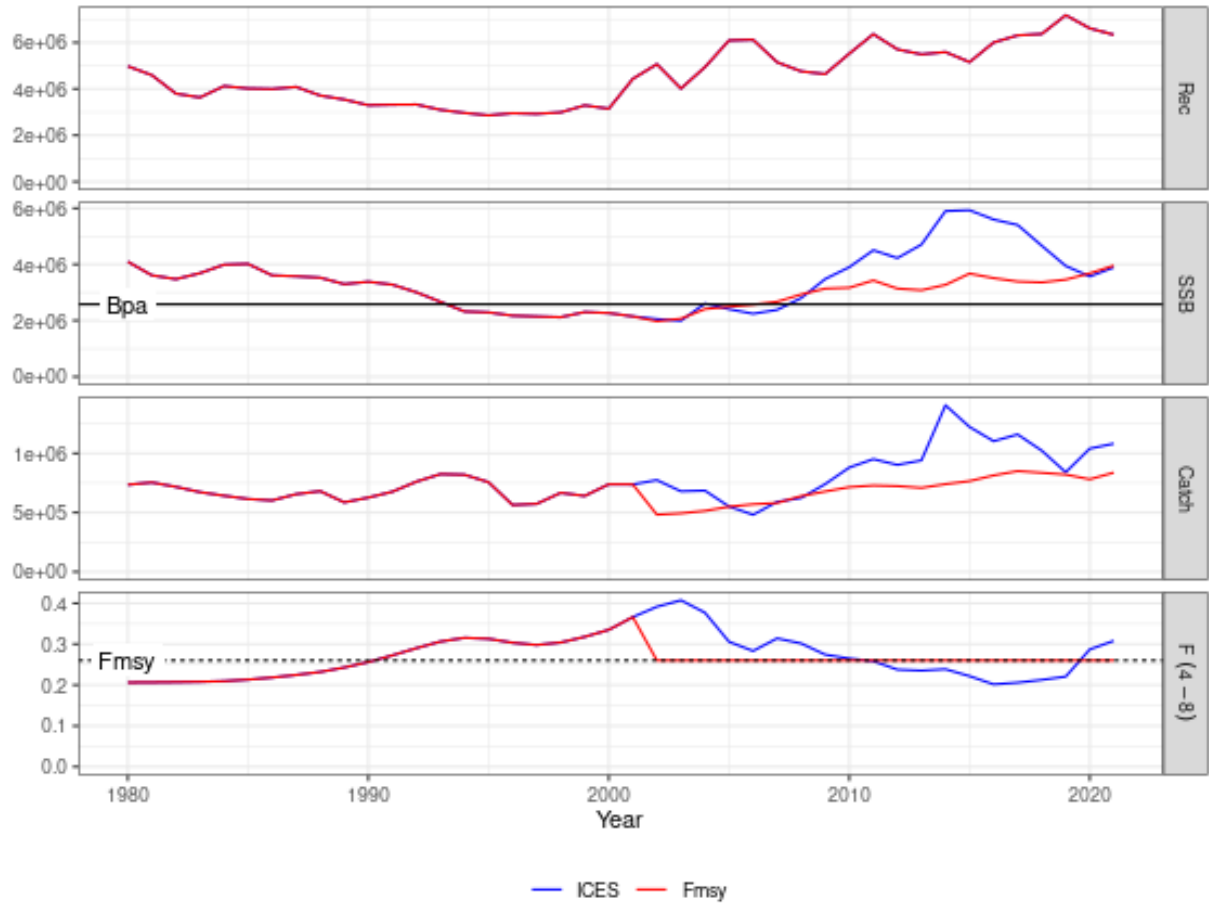
### ICES Assessments with an $F_{MSY}$ projection



**Figure 1** Blue whiting: assessment and  $F_{MSY}$  projection compared.

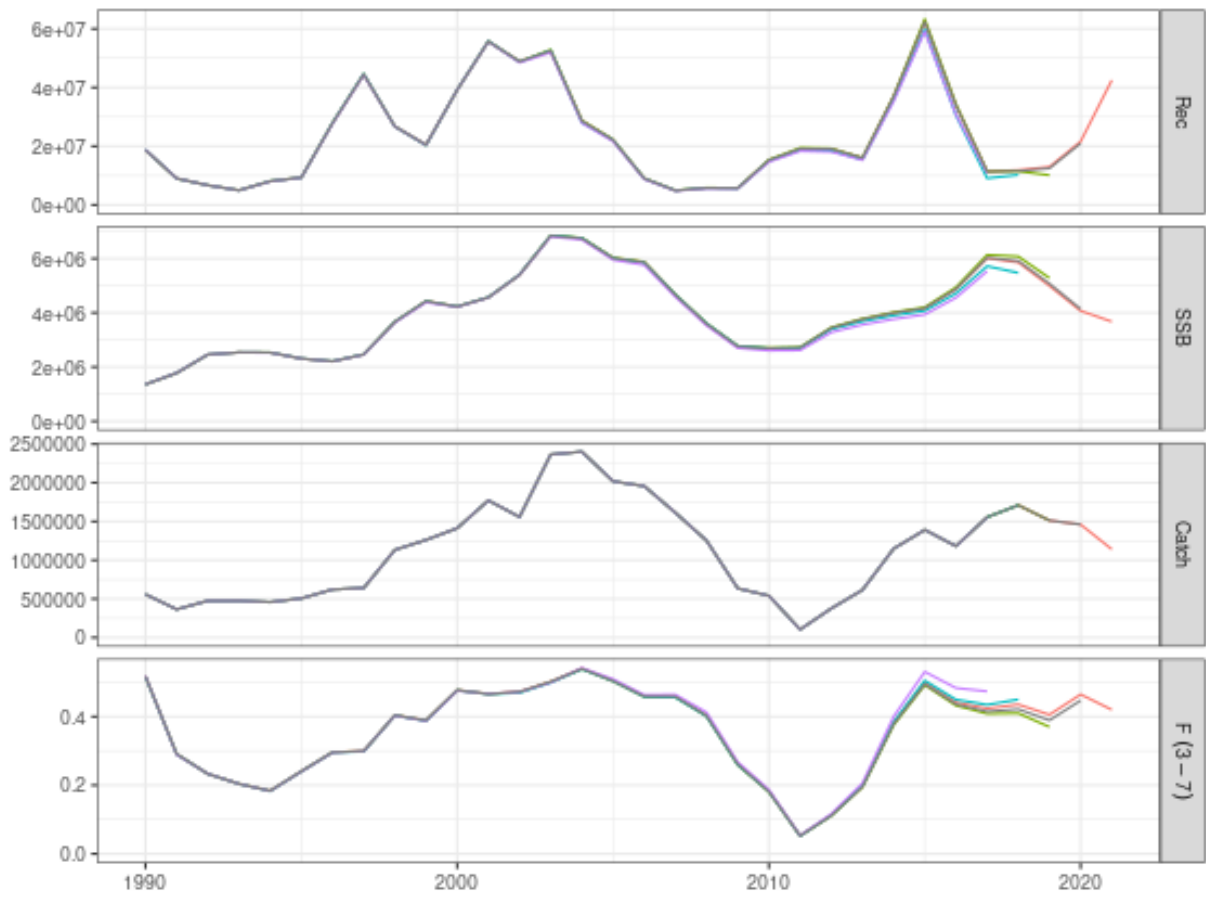


**Figure 2** Herring: assessment and  $F_{MSY}$  projection compared.

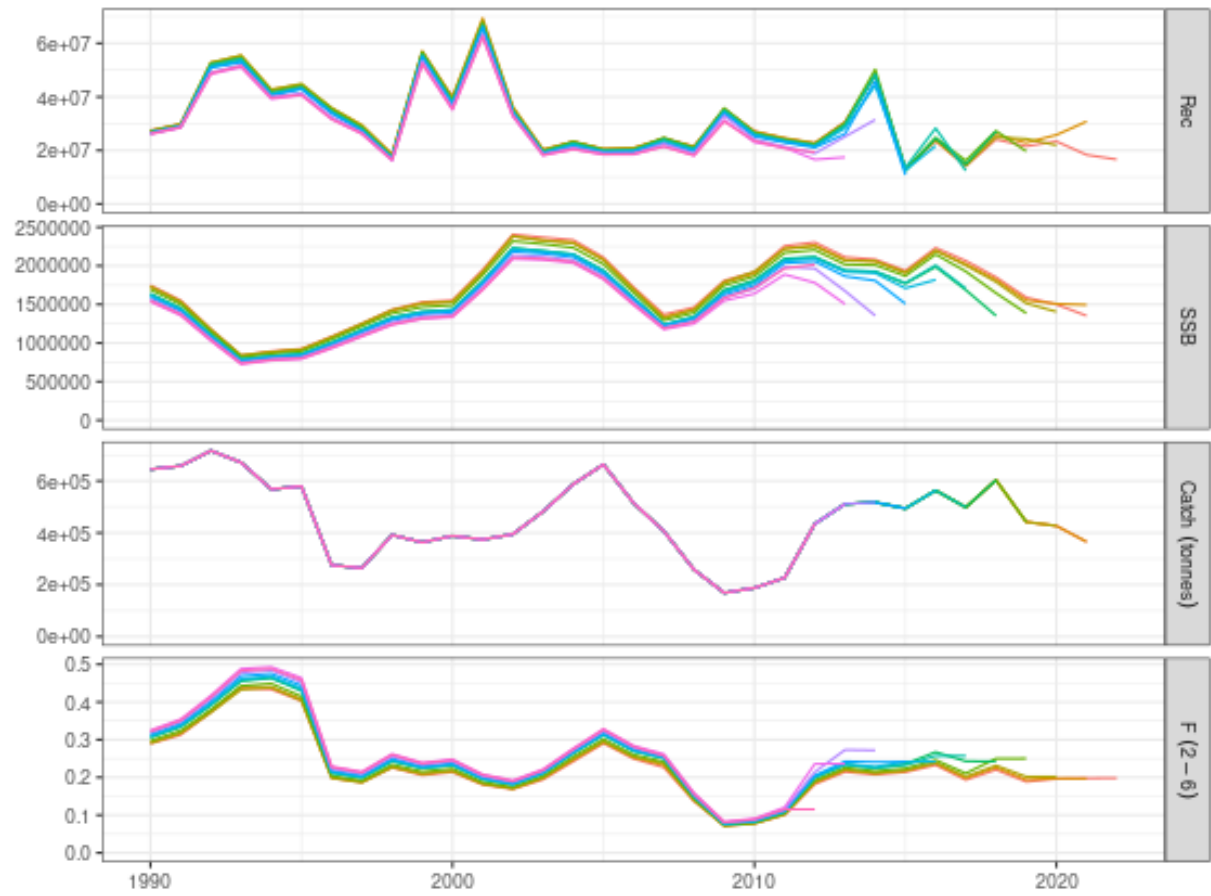


**Figure 3** Mackerel: assessment and  $F_{MSY}$  projection compared.

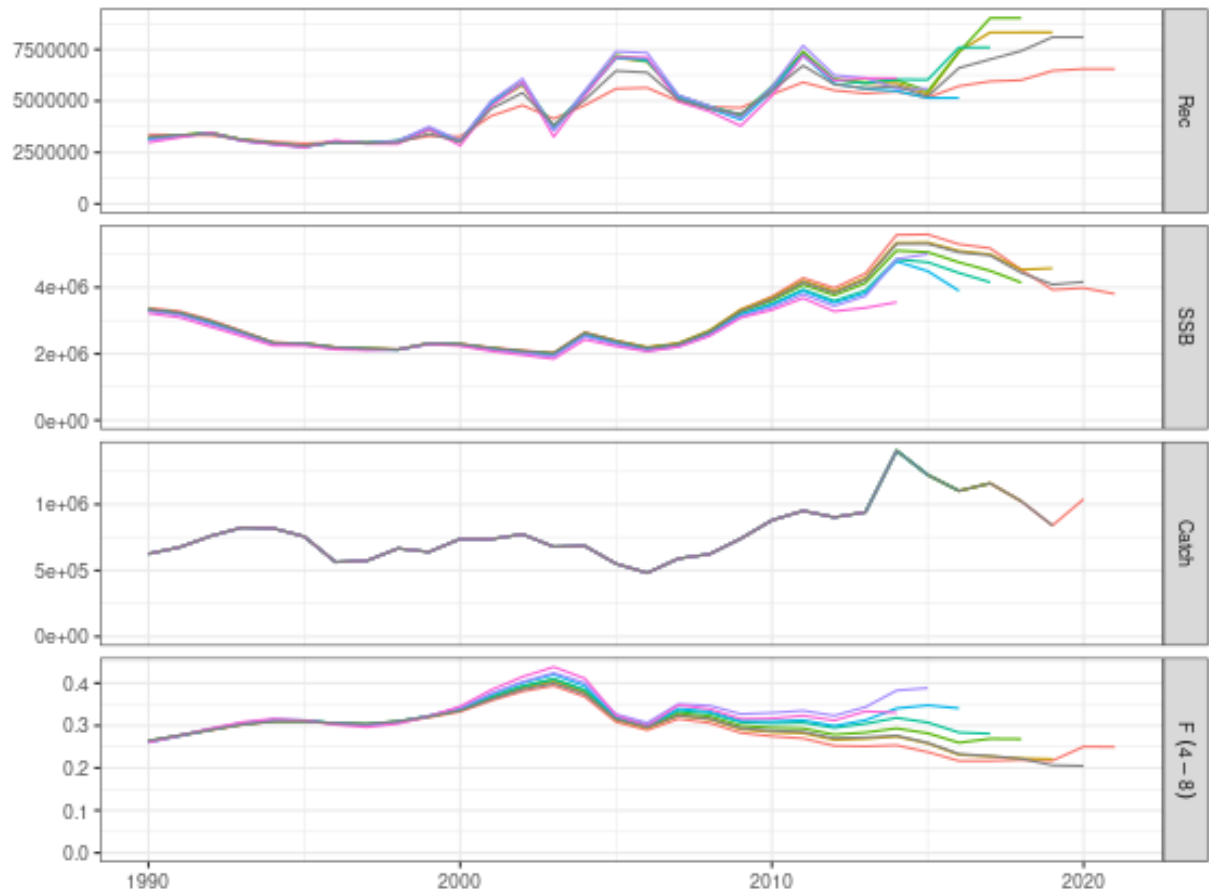
## Retrospective analyses



**Figure 4** Blue whiting: retrospective runs.

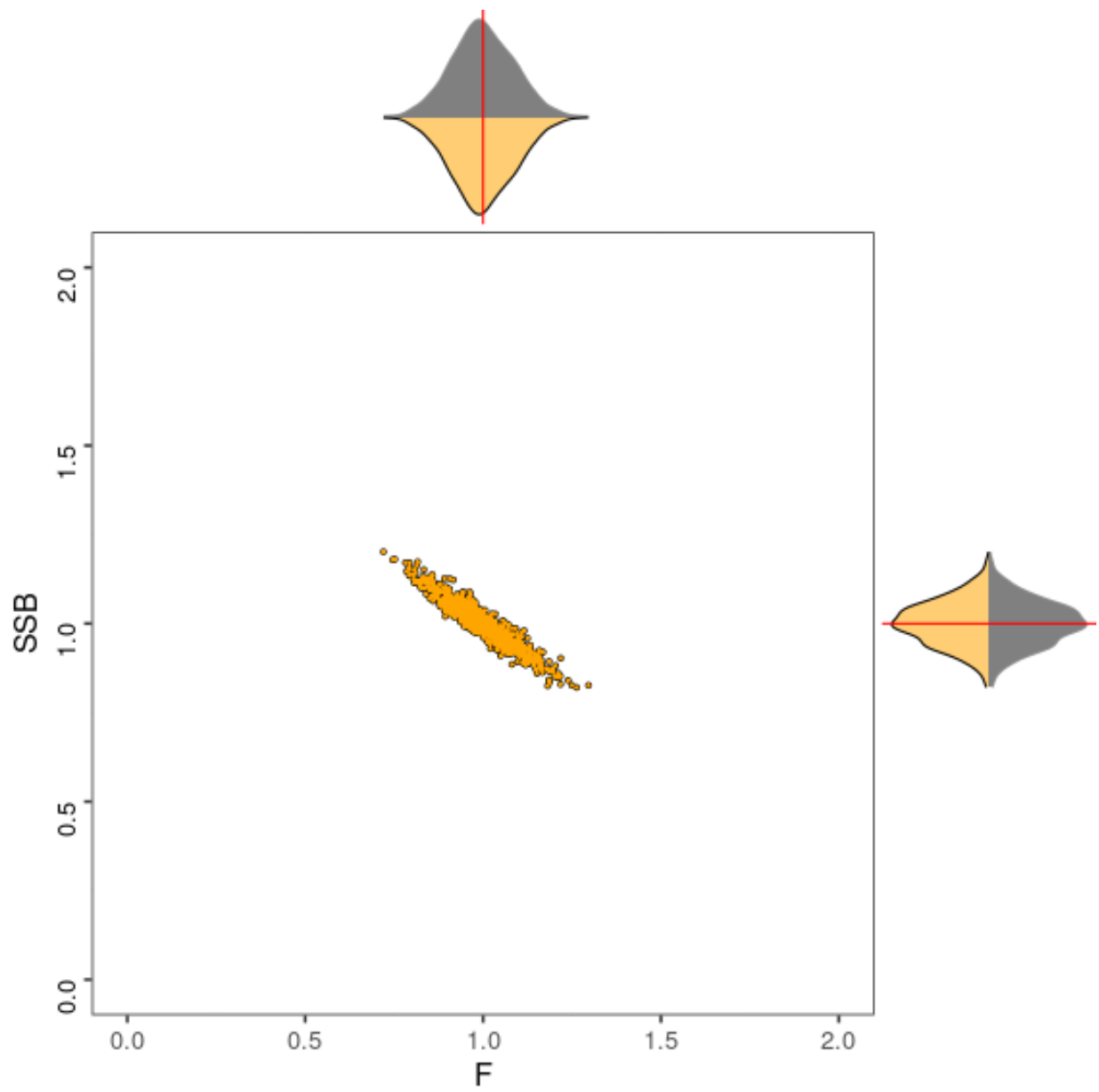


**Figure 5** Herring: retrospective runs.



**Figure 6** Mackerel: retrospective runs.

## Assessment Error



**Figure 7** Blue whiting: assessment error

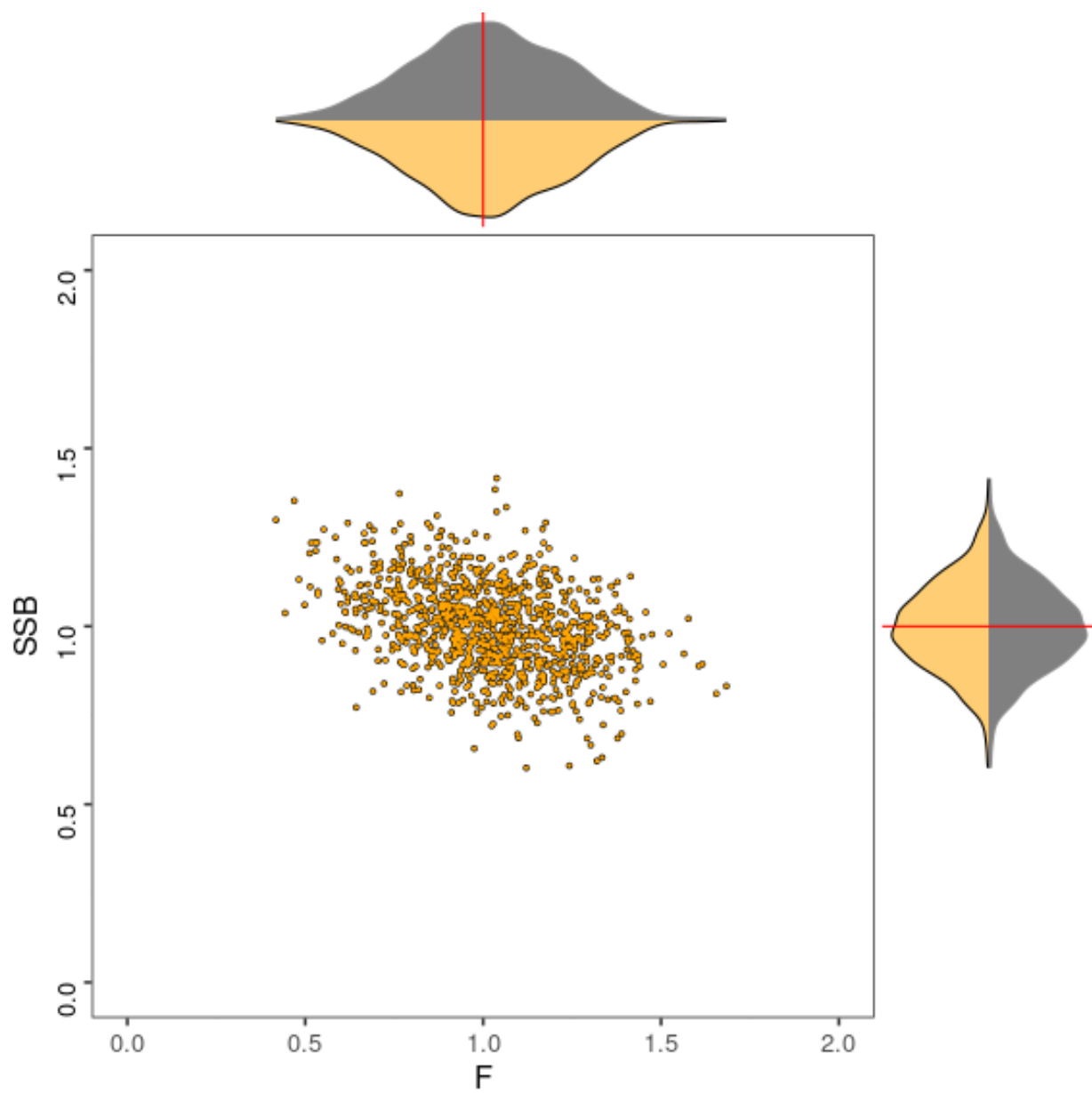


Figure 8 Herring: assessment error



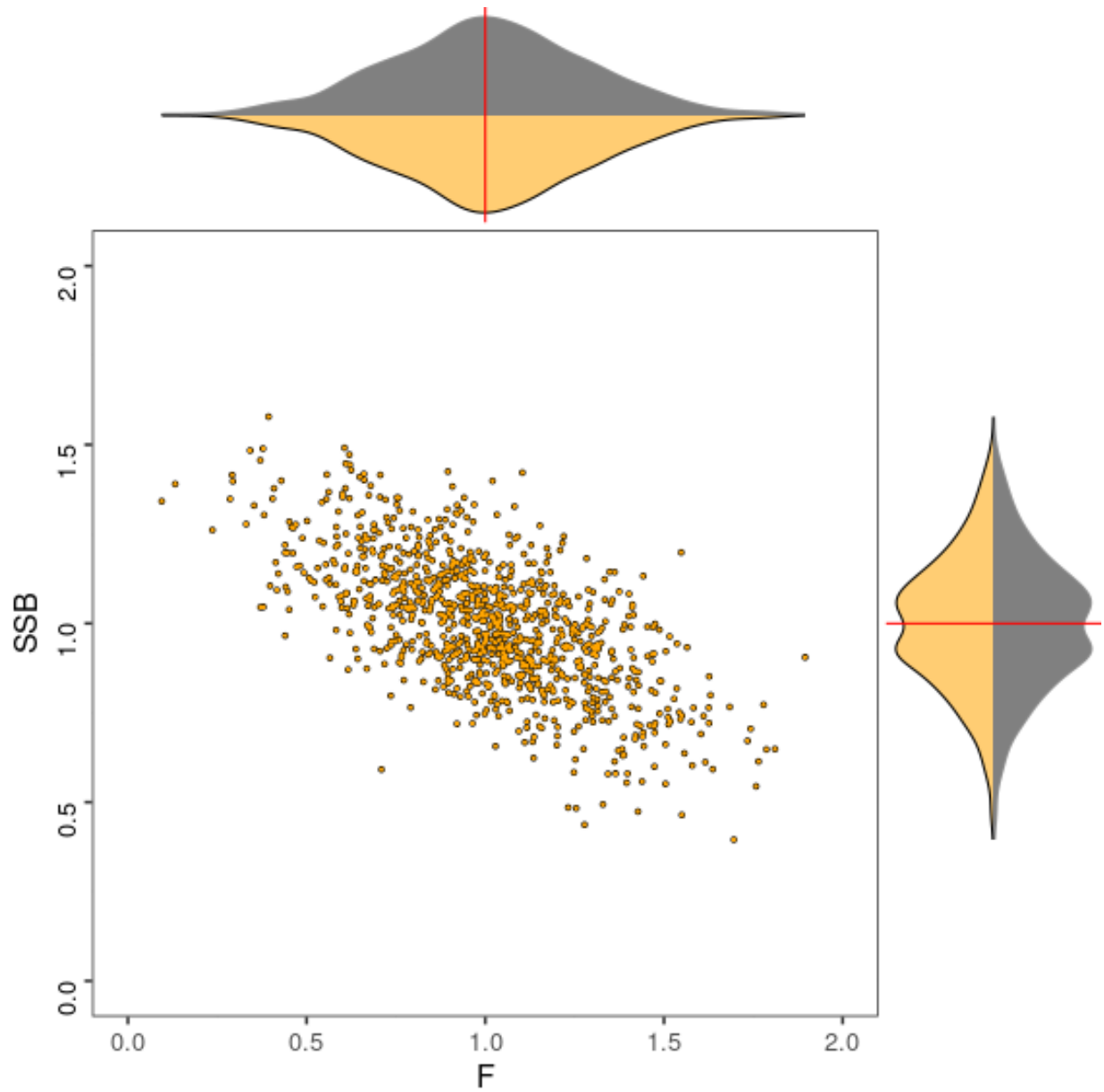


Figure 9 Mackerel: assessment error

Funding

References