

# Appendix S6

## Model predictions

A warming western boundary current increases the prevalence of commercially  
disruptive parasites in broadbill swordfish

Jessica A. Bolin, Karen J. Evans, David S. Schoeman, Claire M. Spillman, Thomas S. Moore II,  
Jason R. Hartog, Scott F. Cummins & Kylie L. Scales

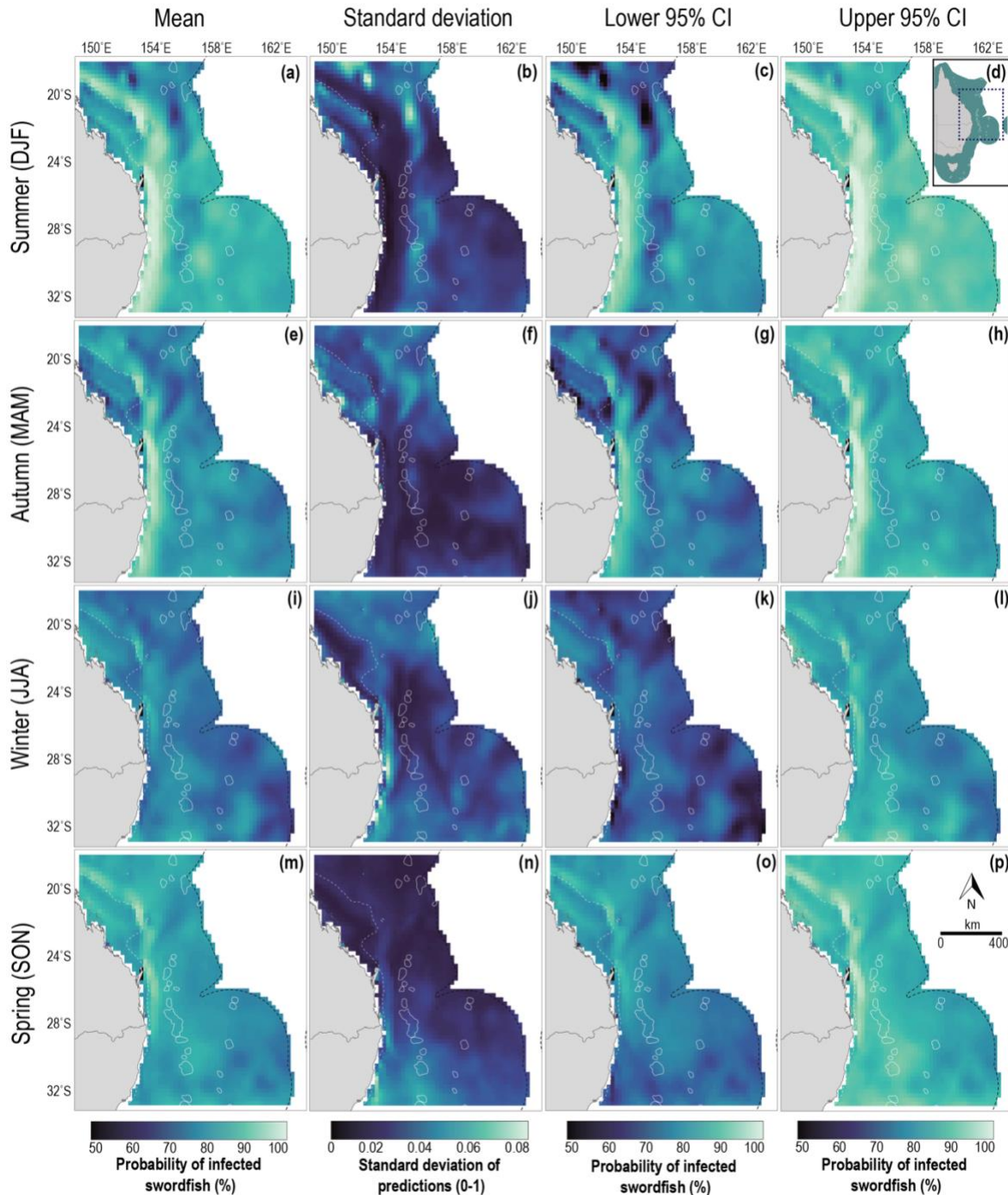
*Fisheries Oceanography*

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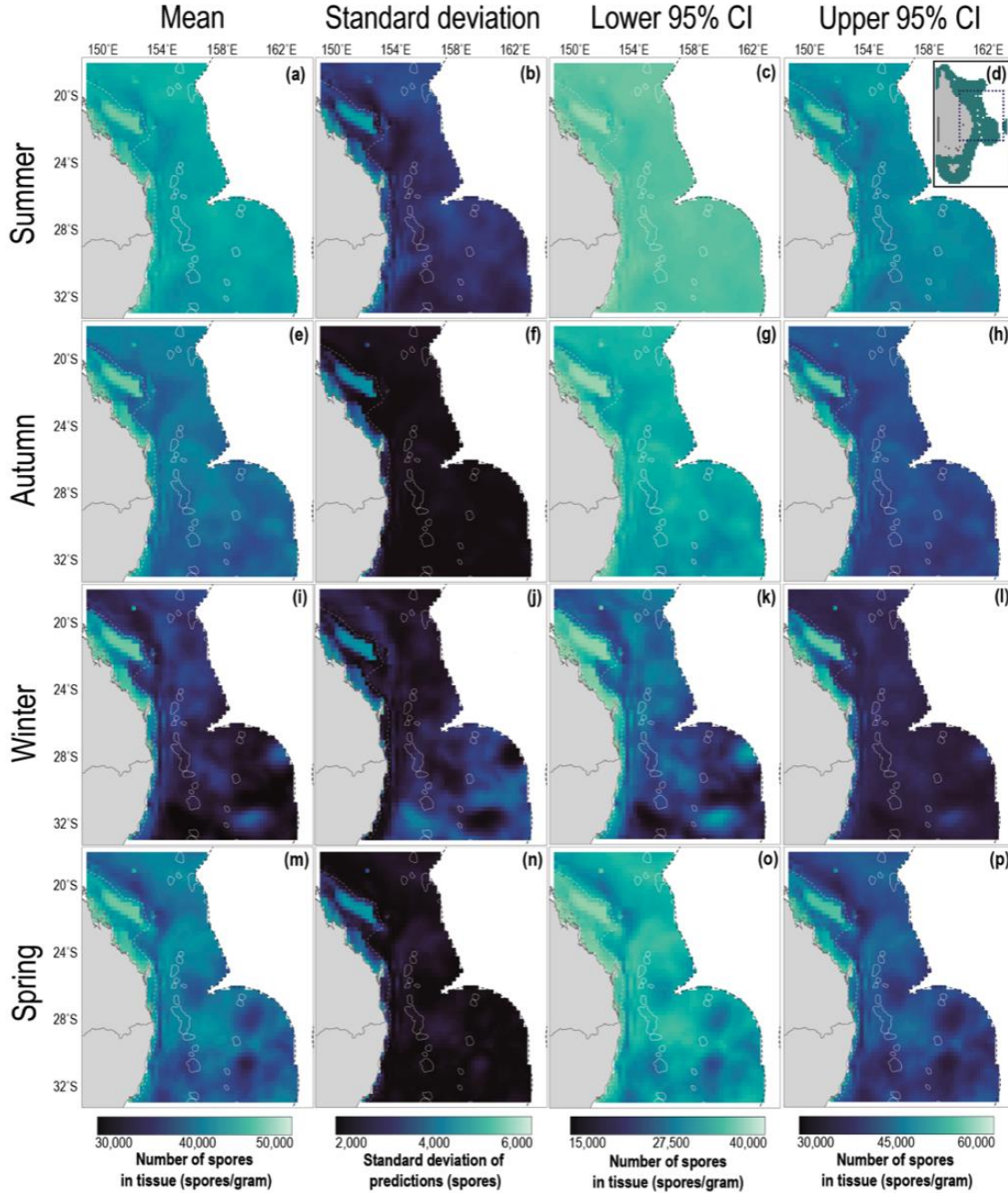
## Figure S1

Seasonal predictions of the prevalence of infection, and the associated uncertainty for the Austral (a-d) summer, (e-h) autumn, (i-l) winter and (m-p) spring. Dashed white line is the continental shelf as depicted by the 200 m isobath. Solid white lines are outlines of seamounts and guyots (Harris et al. 2014). Dashed black line is the extent of the Exclusive Economic Zone (EEZ). The inset map in panel (h) outlines the study region in relation to the EEZ, coloured in green.



## Figure S2

Seasonal predictions of the intensity of infection, and the associated uncertainty for the Austral (a-d) summer, (e-h) autumn, (i-l) winter and (m-p) spring. Dashed white line is the continental shelf as depicted by the 200 m isobath. Solid white lines are outlines of seamounts and guyots (Harris et al. 2014). Dashed black line is the extent of the Exclusive Economic Zone (EEZ). The inset map in panel (h) outlines the study region in relation to the EEZ, coloured in green.

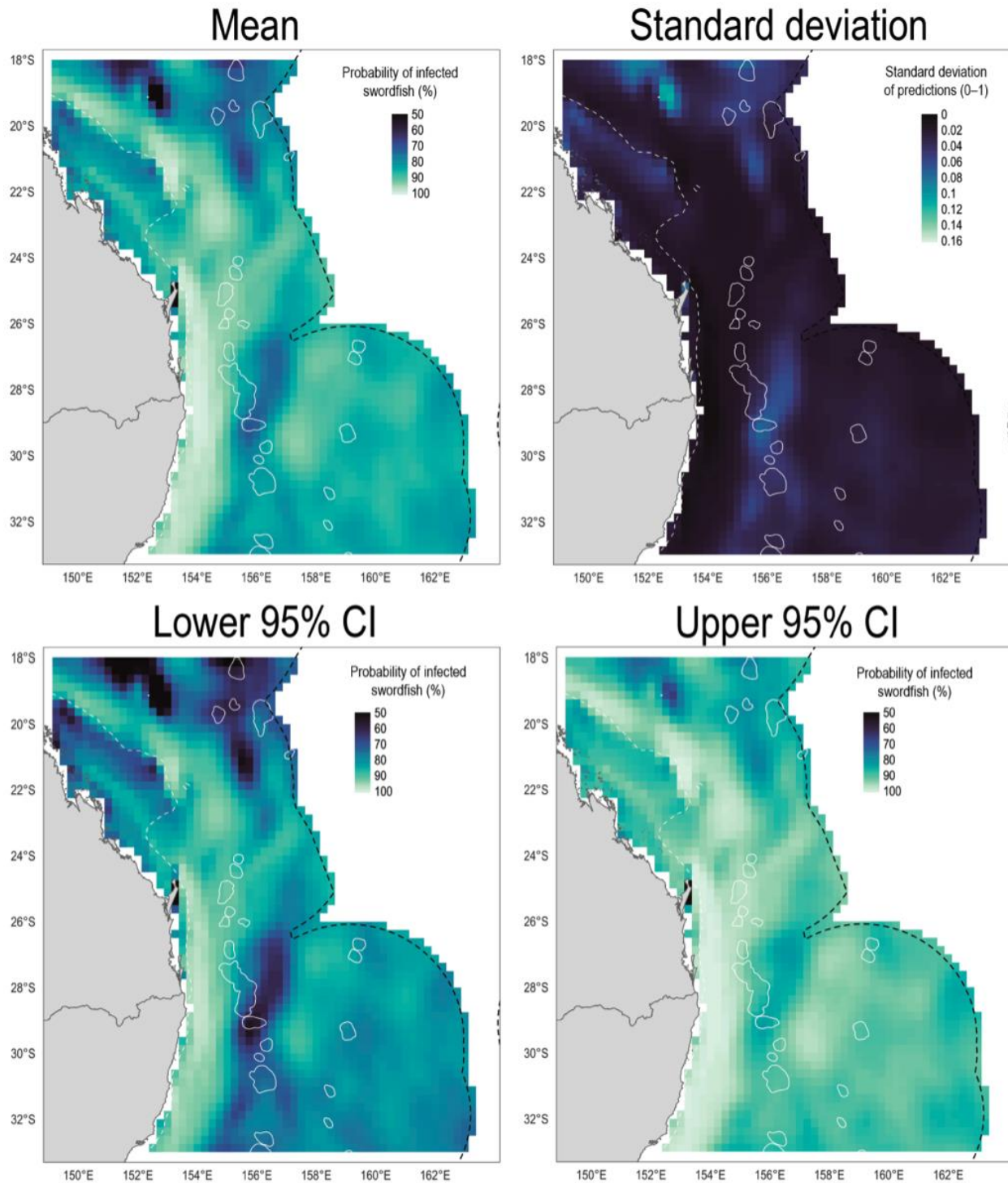




**Figure S3**

Probability of harvesting an infected swordfish in January, and associated uncertainty metrics.

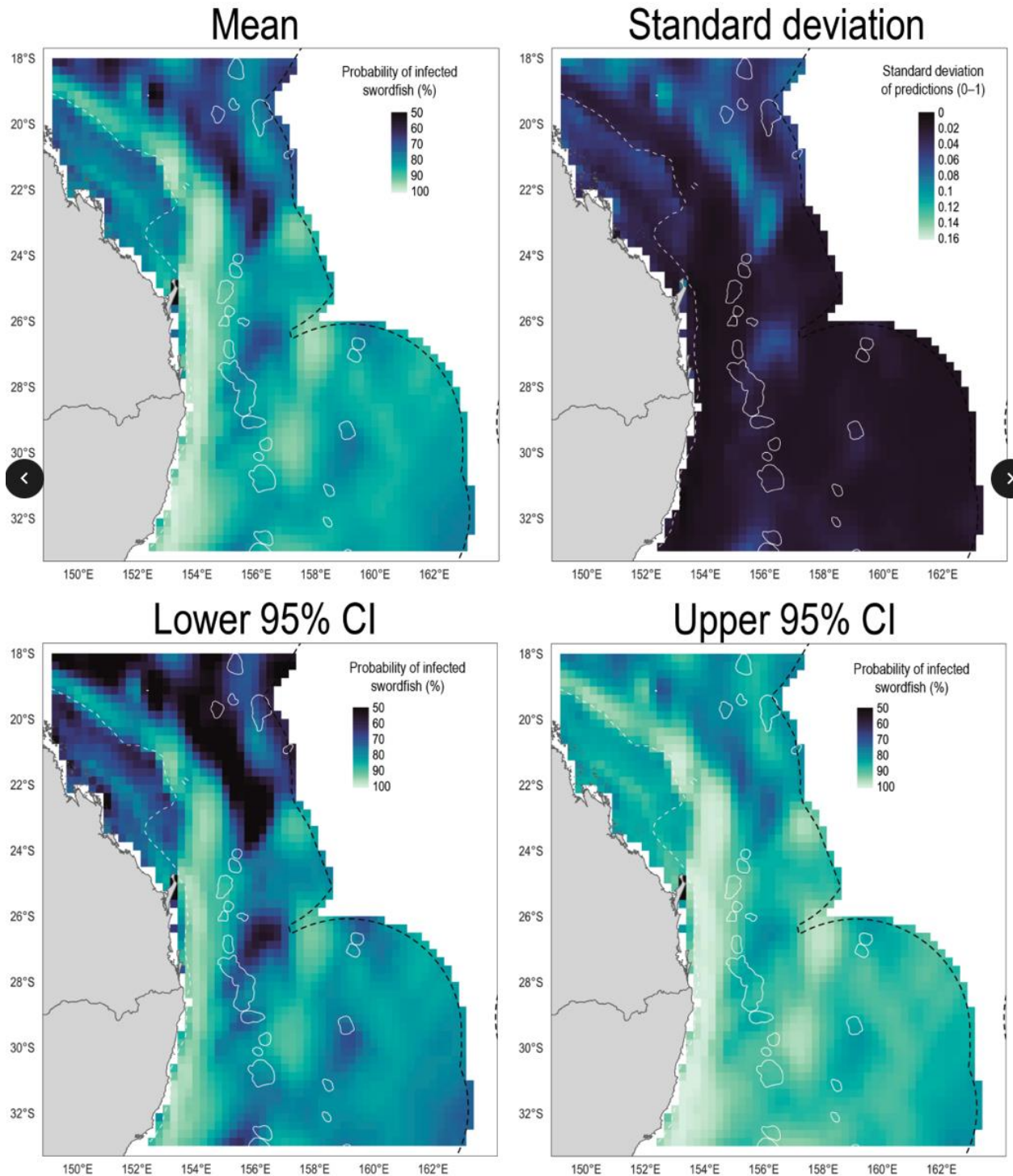
January



**Figure S4**

Probability of harvesting an infected swordfish in February, and associated uncertainty metrics.

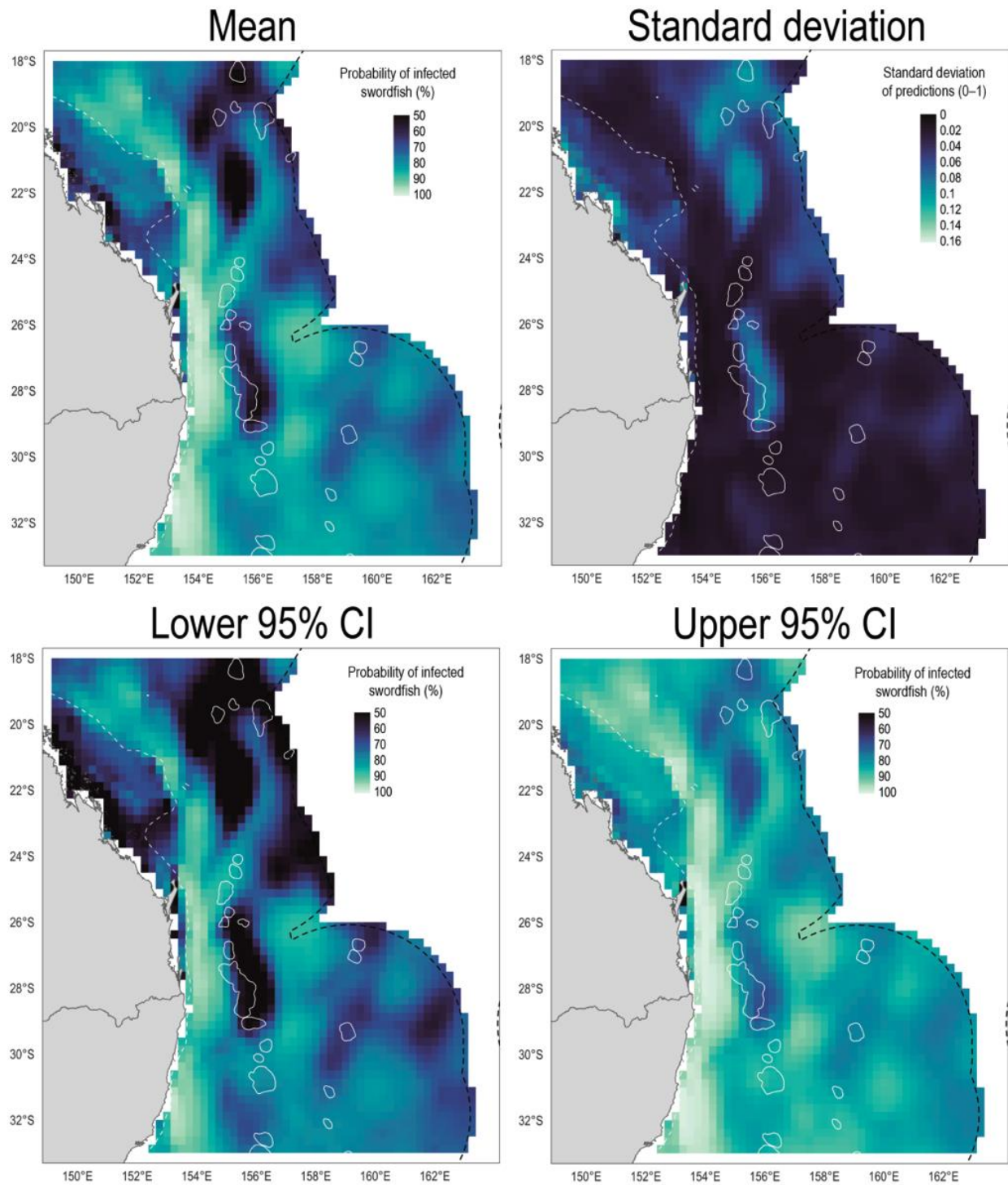
## February



**Figure S5**

Probability of harvesting an infected swordfish in March, and associated uncertainty metrics.

March

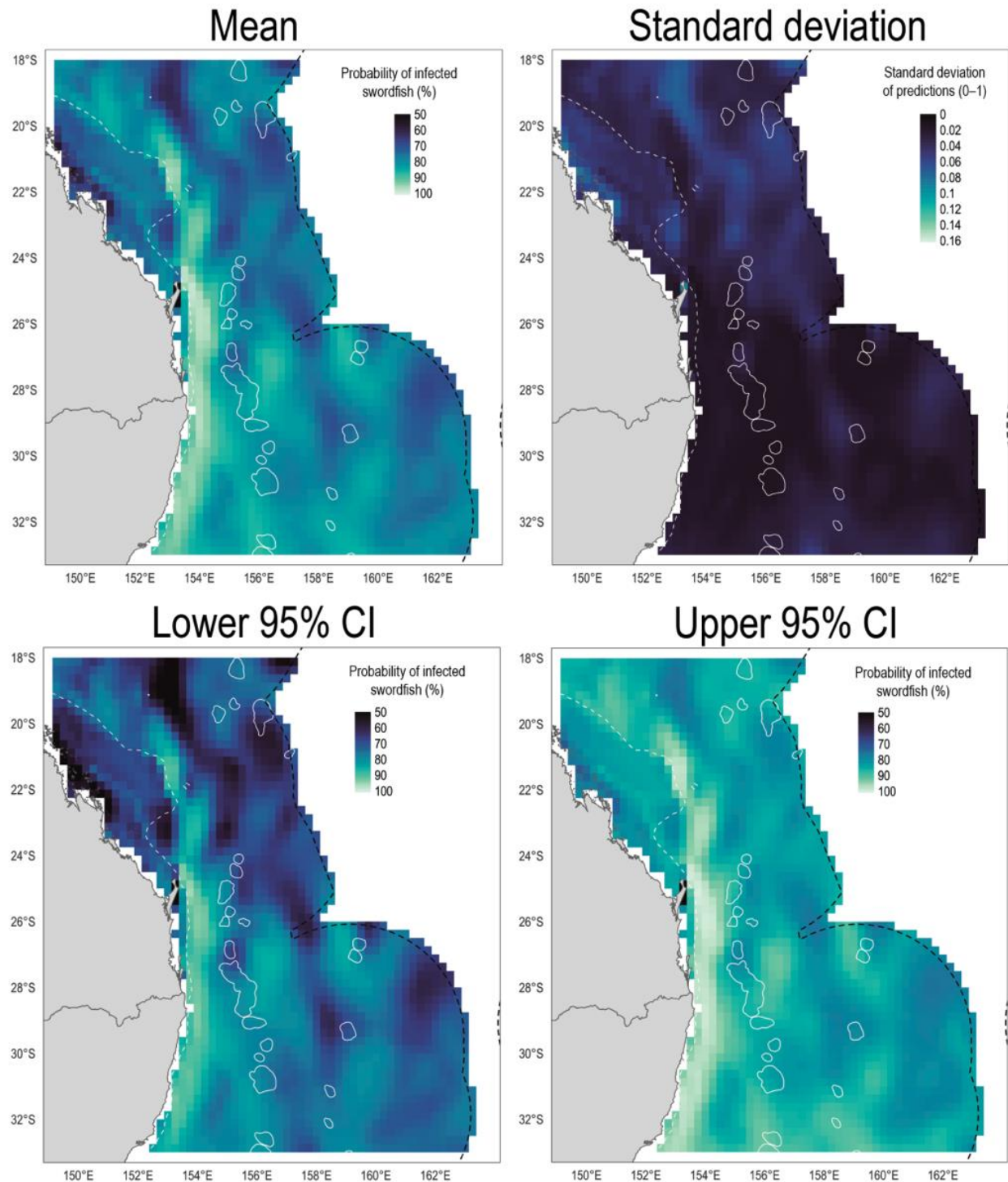




**Figure S6**

Probability of harvesting an infected swordfish in April, and associated uncertainty metrics.

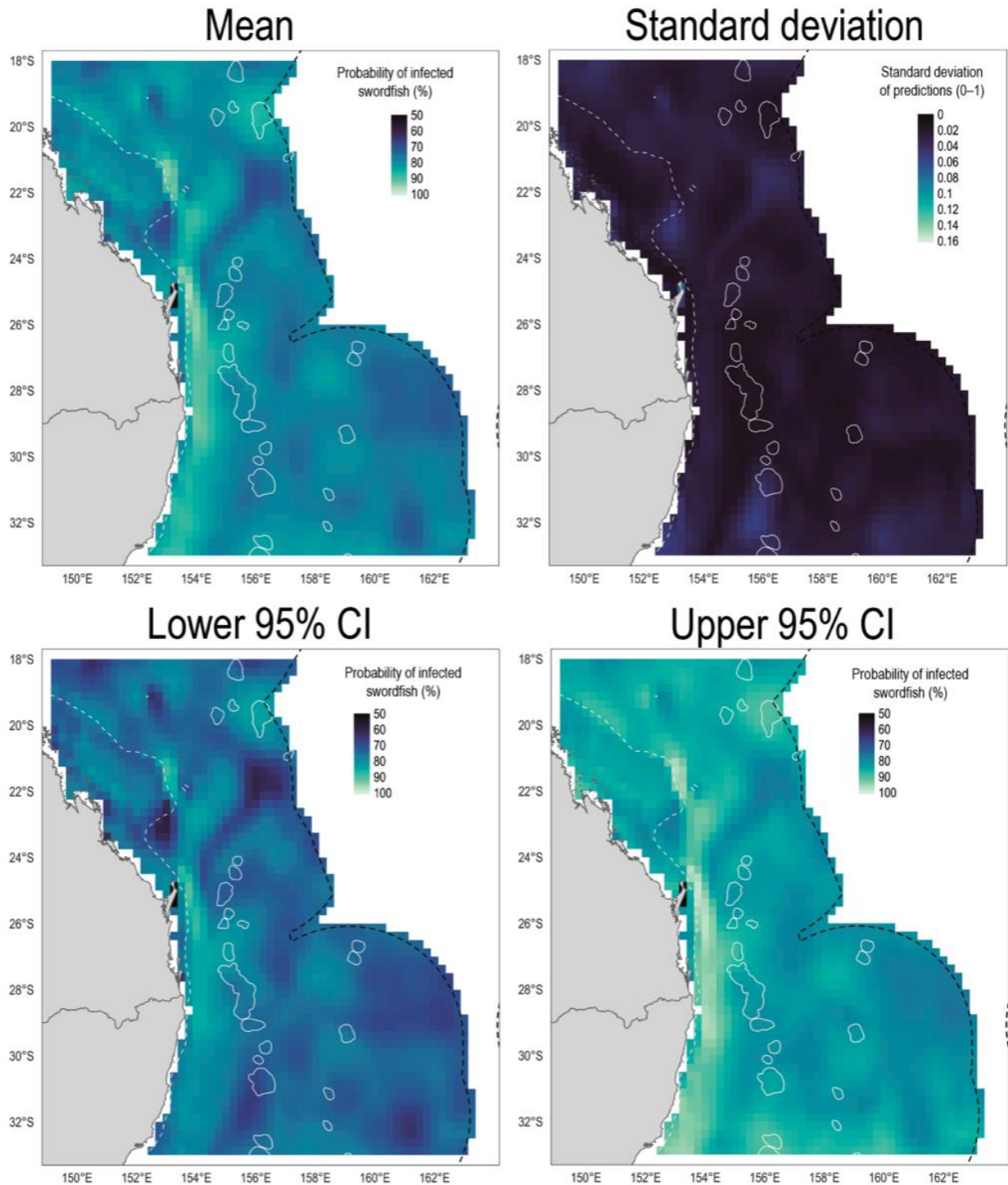
April



**Figure S7**

Probability of harvesting an infected swordfish in May, and associated uncertainty metrics.

May

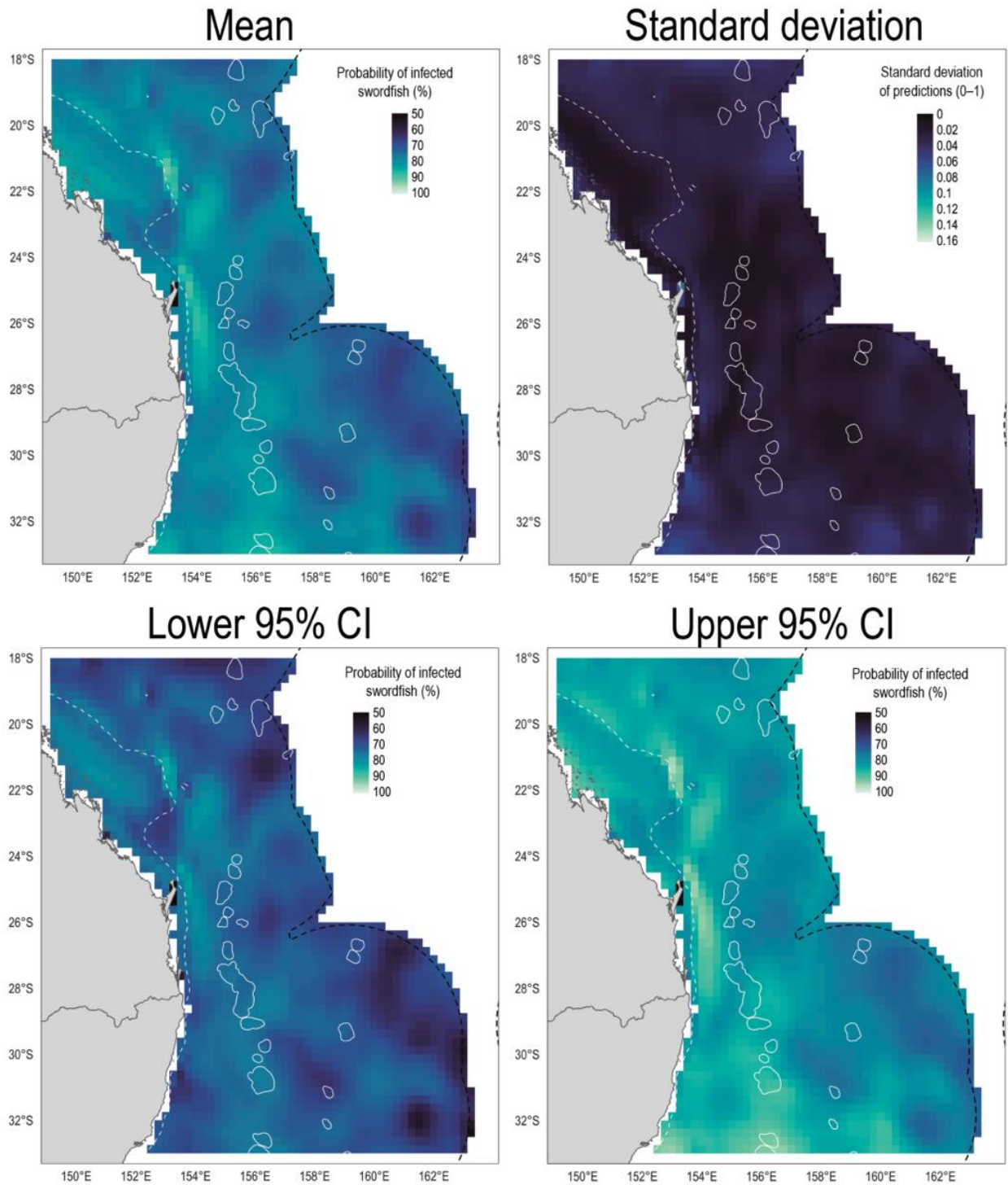




**Figure S8**

Probability of harvesting an infected swordfish in June, and associated uncertainty metrics.

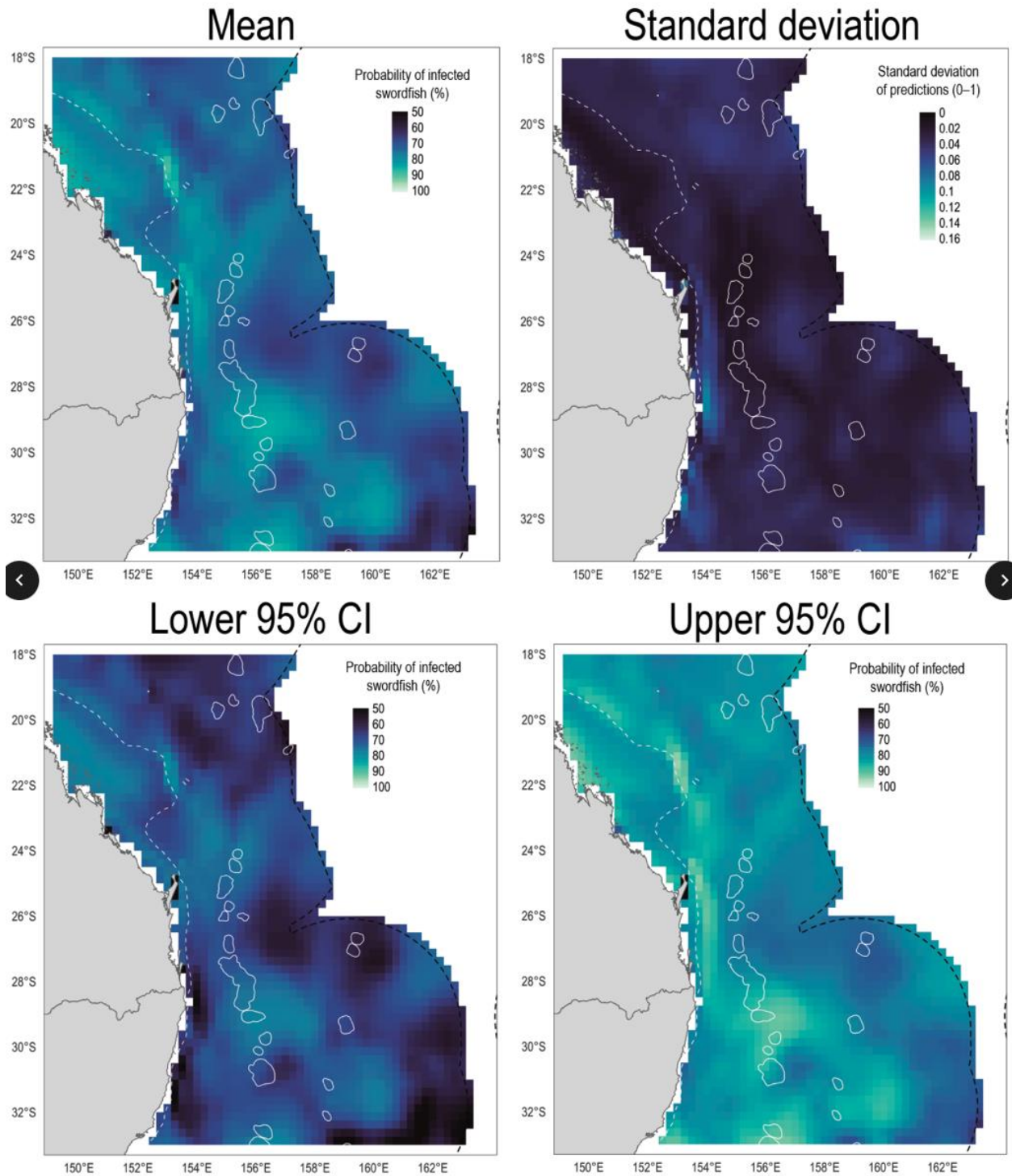
June



**Figure S9**

Probability of harvesting an infected swordfish in July, and associated uncertainty metrics.

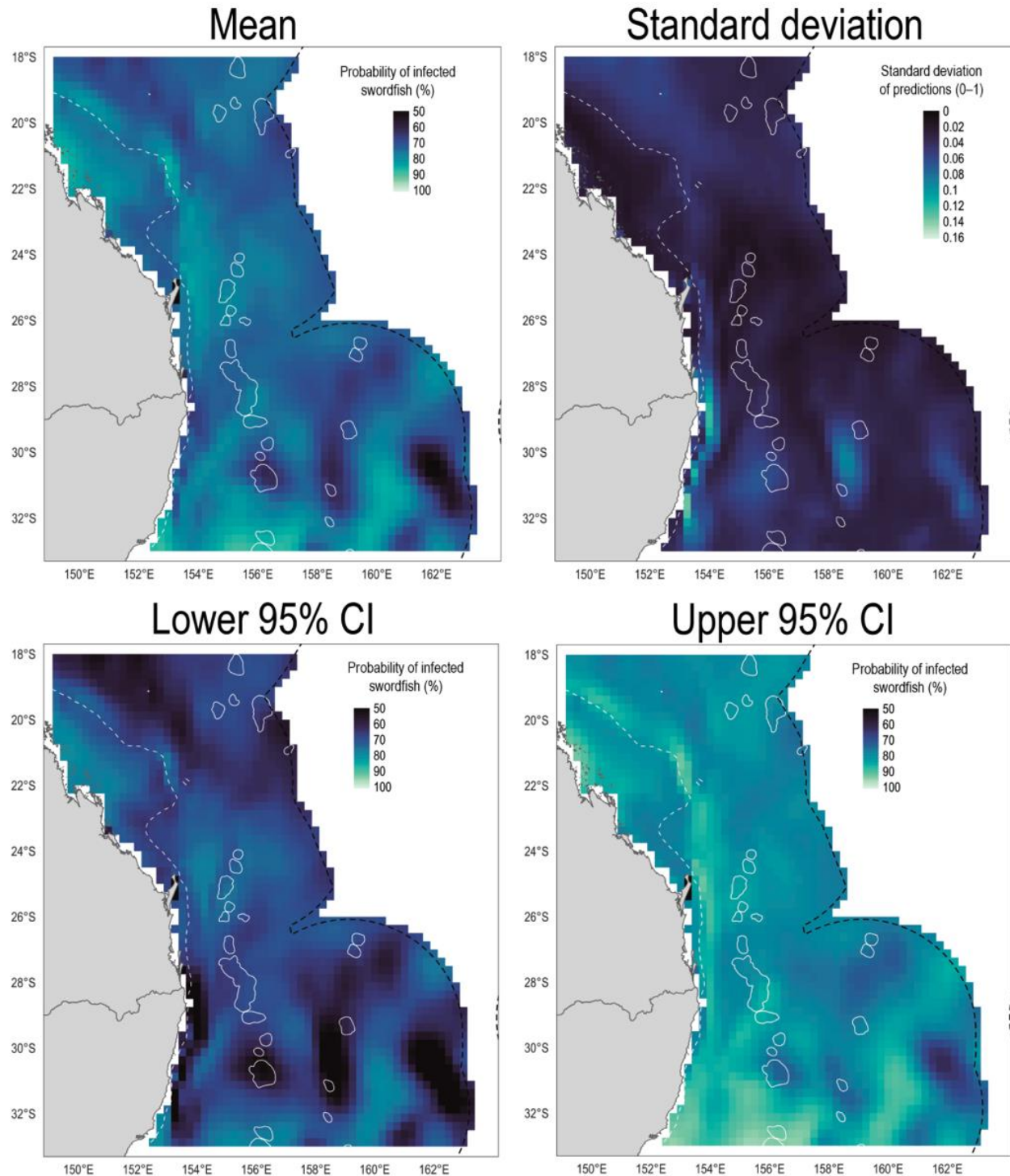
July



**Figure S10**

Probability of harvesting an infected swordfish in August, and associated uncertainty metrics.

August

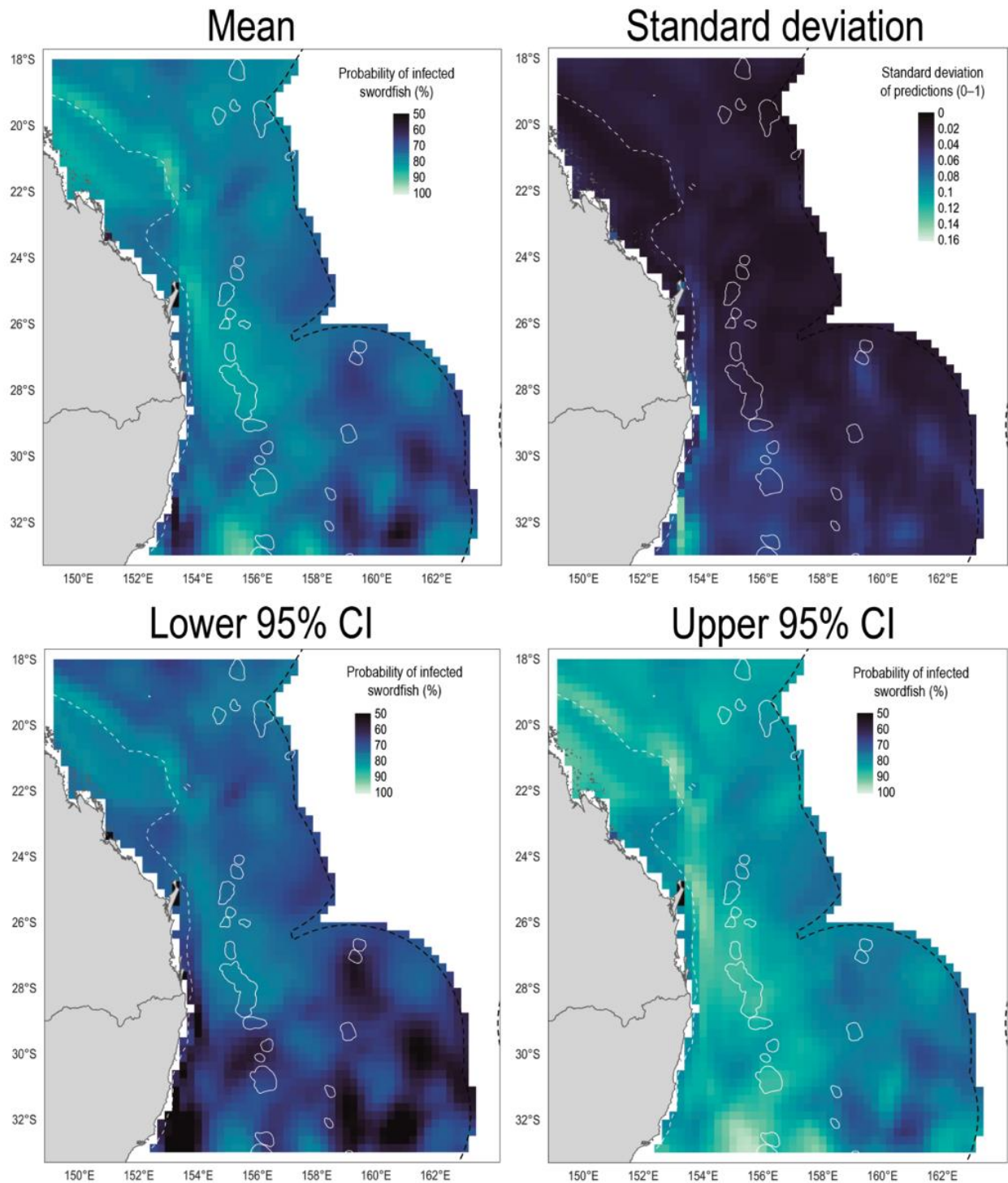




**Figure S11**

Probability of harvesting an infected swordfish in September, and associated uncertainty metrics.

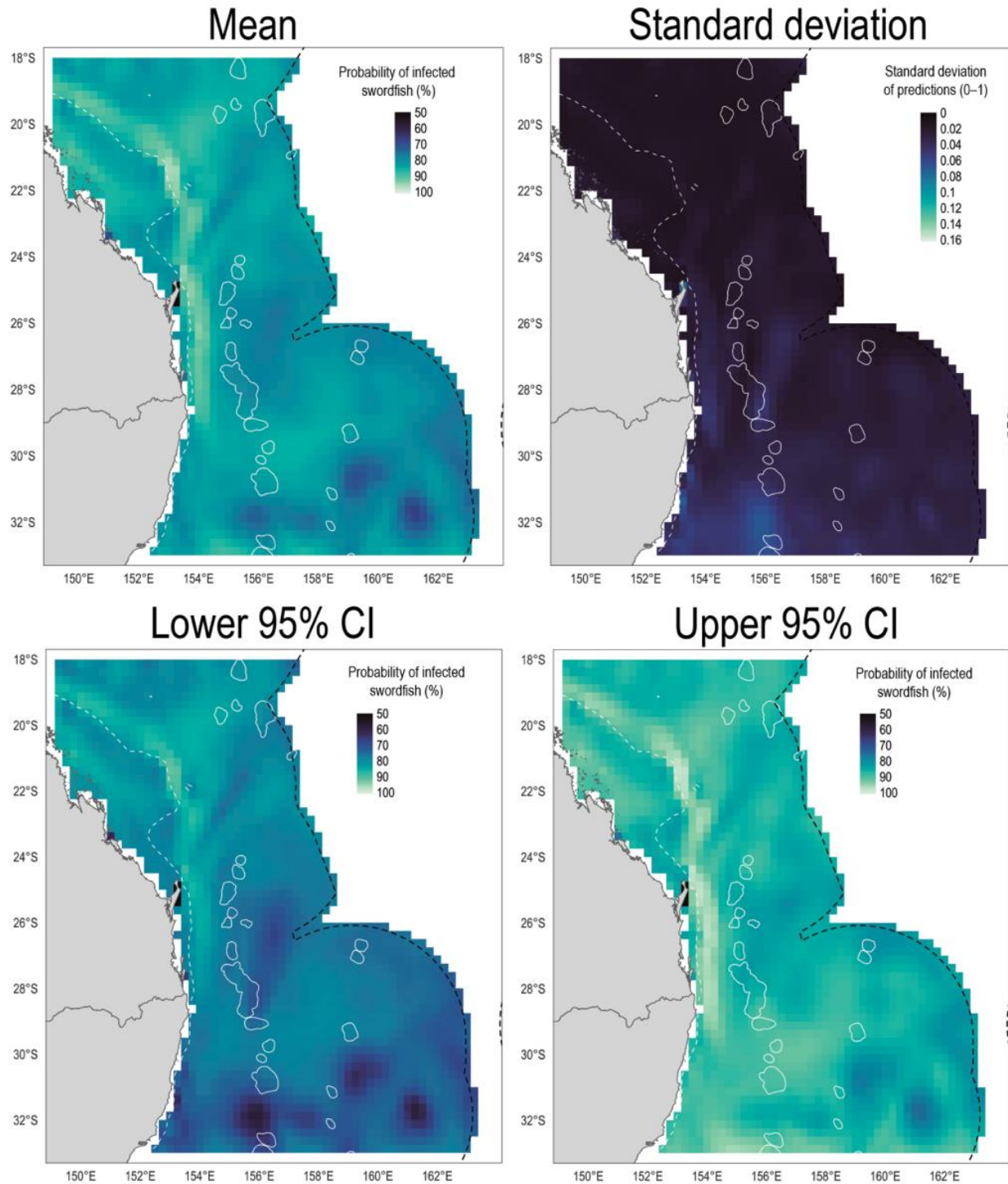
## September



**Figure S12**

Probability of harvesting an infected swordfish in October, and associated uncertainty metrics.

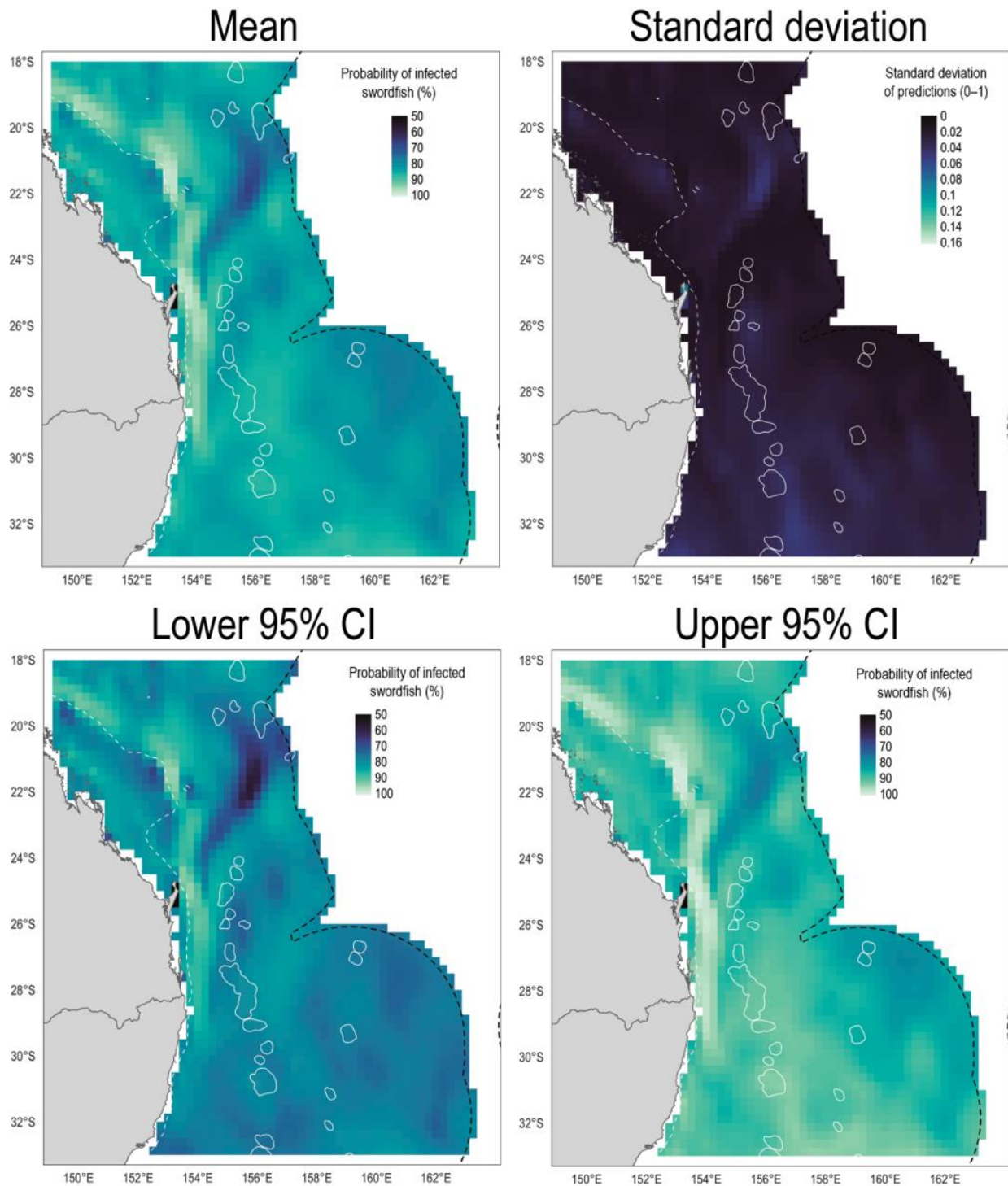
October



**Figure S13**

Probability of harvesting an infected swordfish in November, and associated uncertainty metrics.

## November

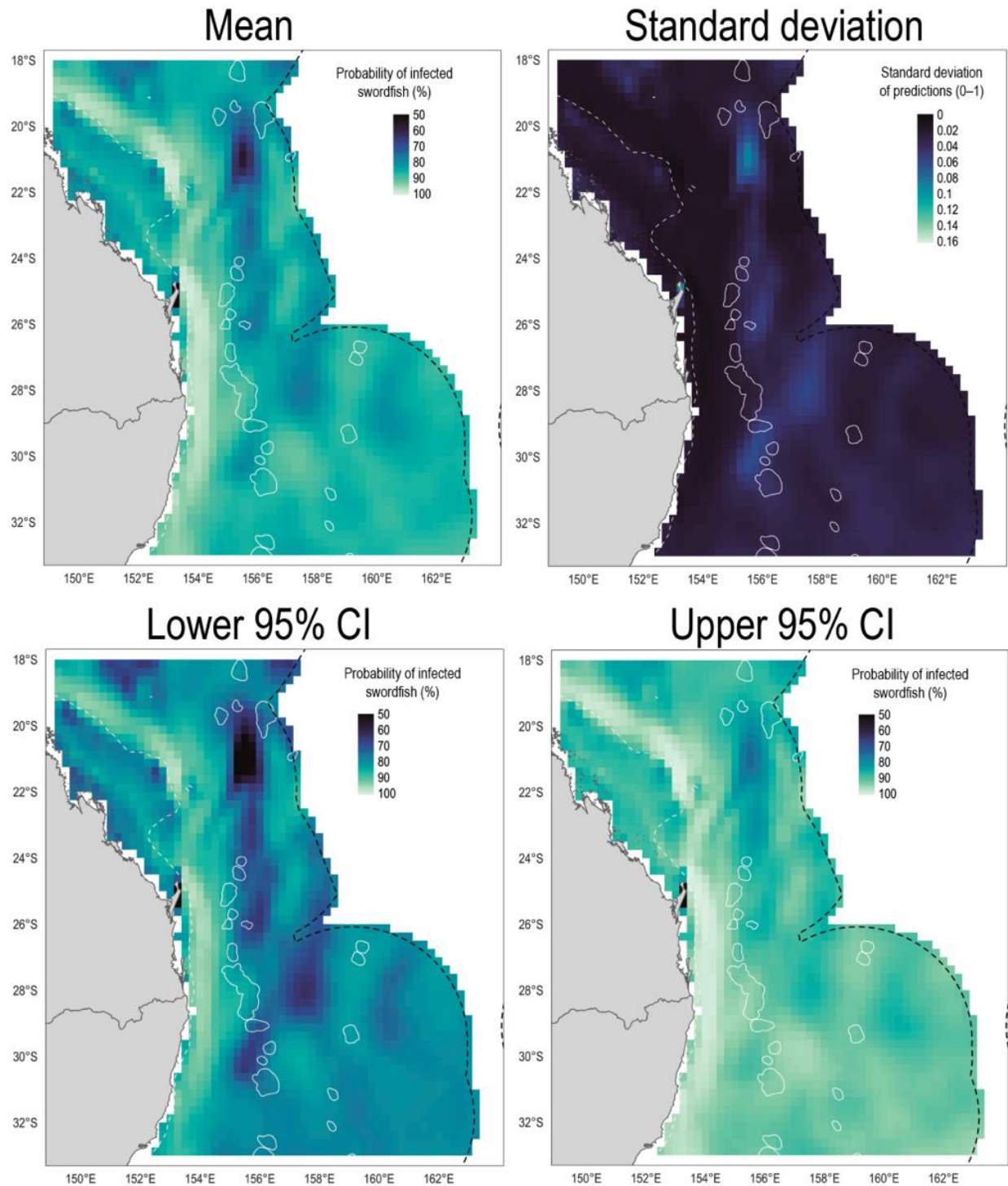




**Figure S14**

Probability of harvesting an infected swordfish in December, and associated uncertainty metrics.

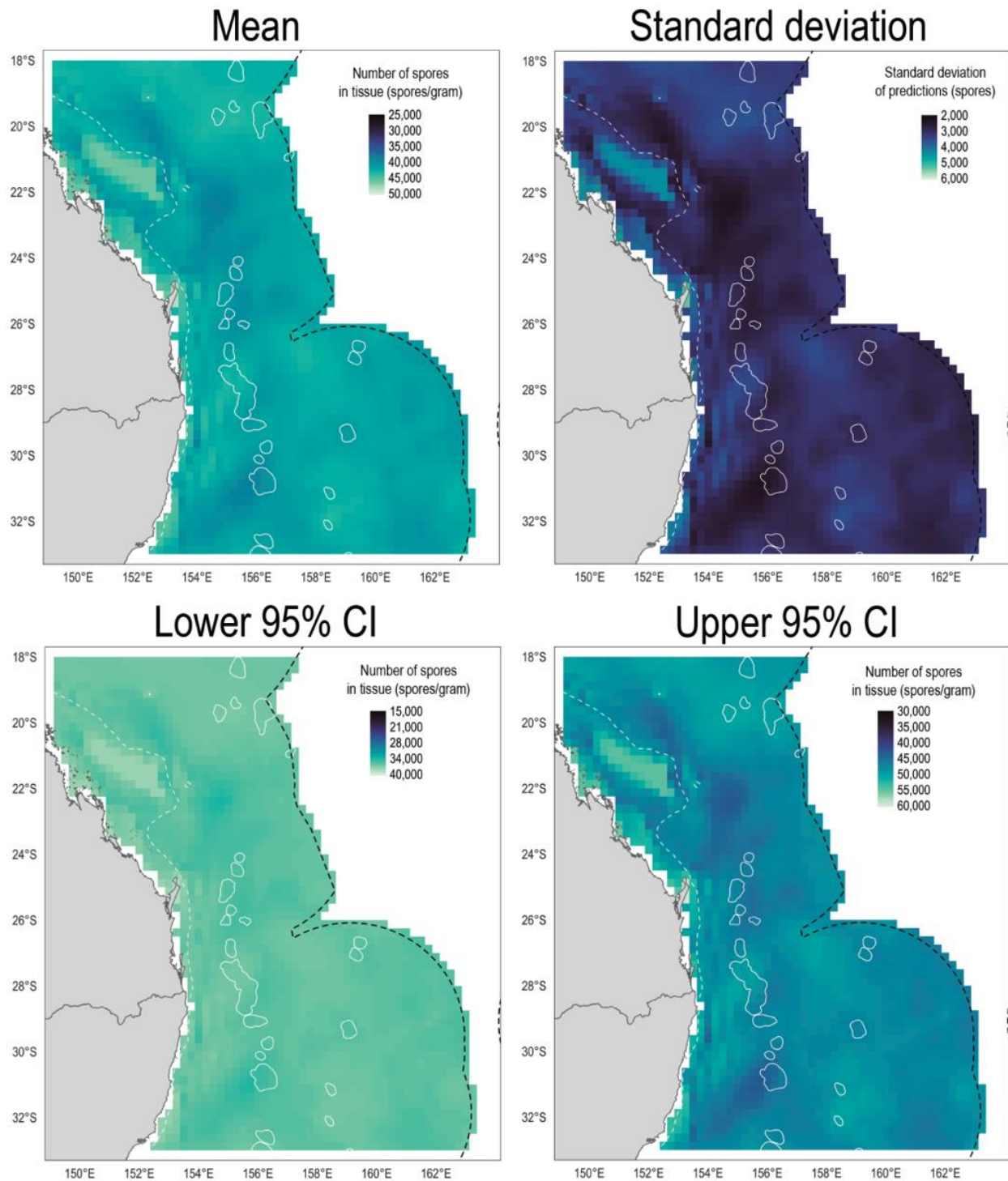
## December



**Figure S15**

Predicted spore counts of infected swordfish in January, and associated uncertainty metrics.

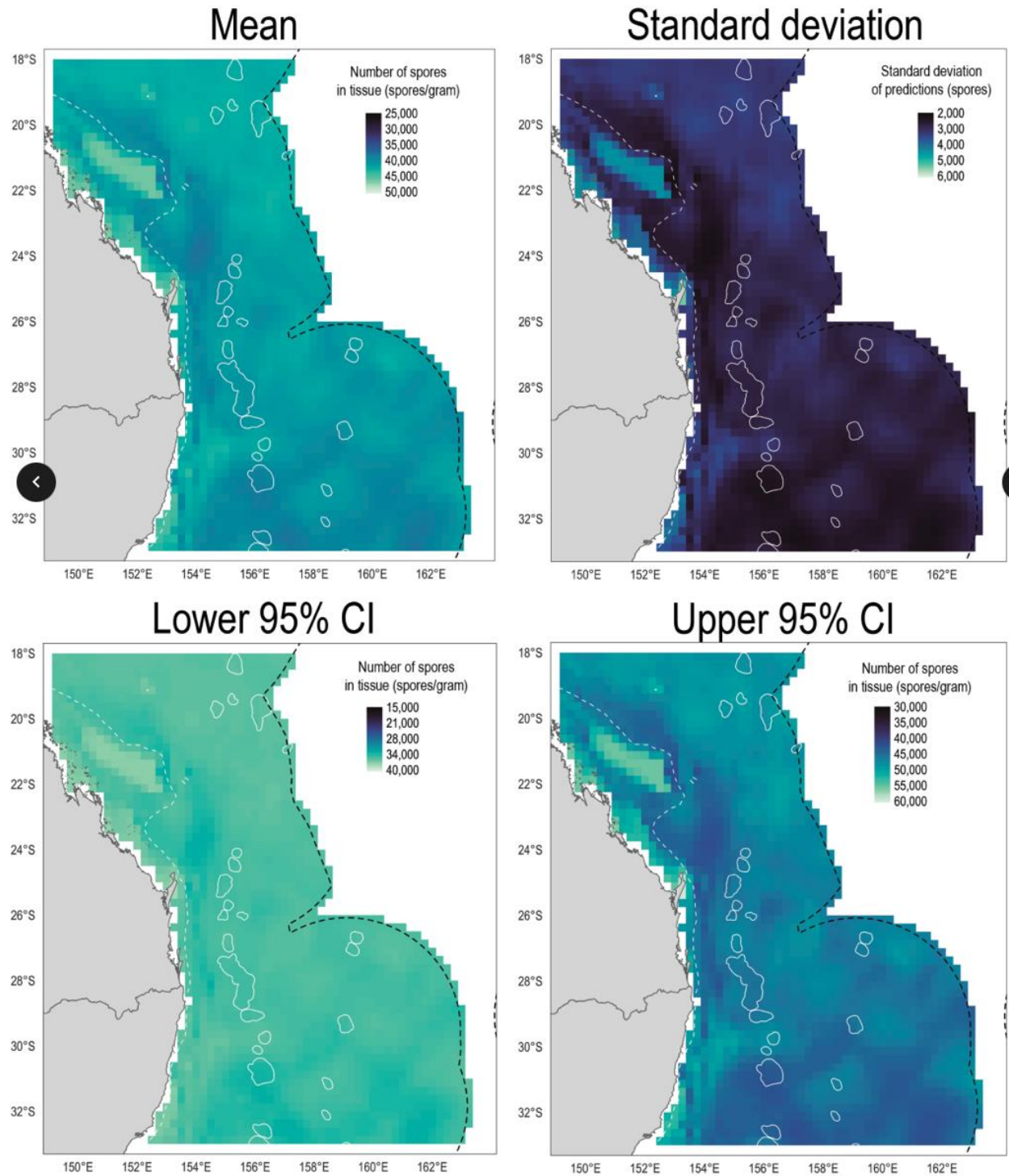
January



**Figure S16**

Predicted spore counts of infected swordfish in February, and associated uncertainty metrics.

February

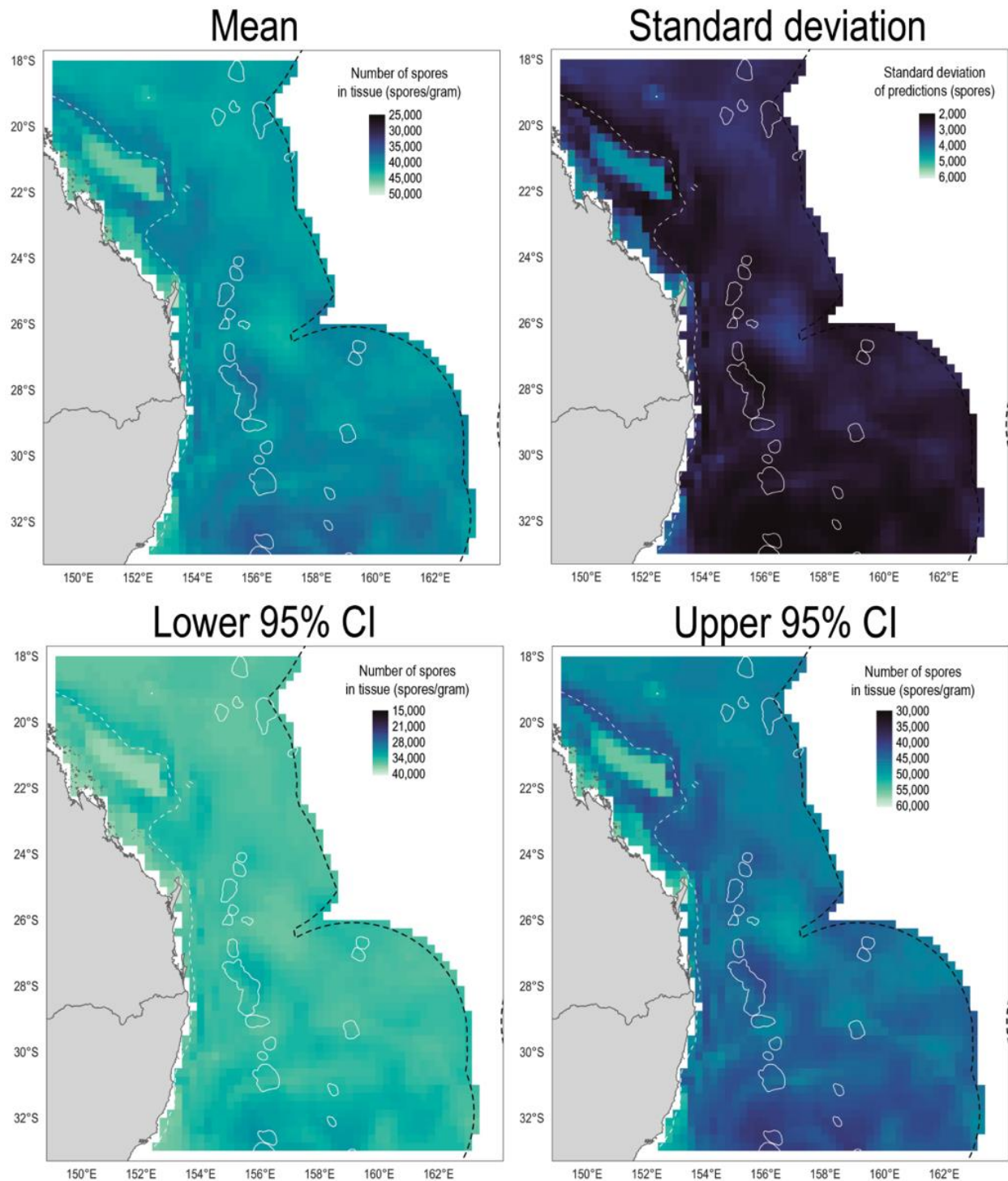




**Figure S17**

Predicted spore counts of infected swordfish in March, and associated uncertainty metrics.

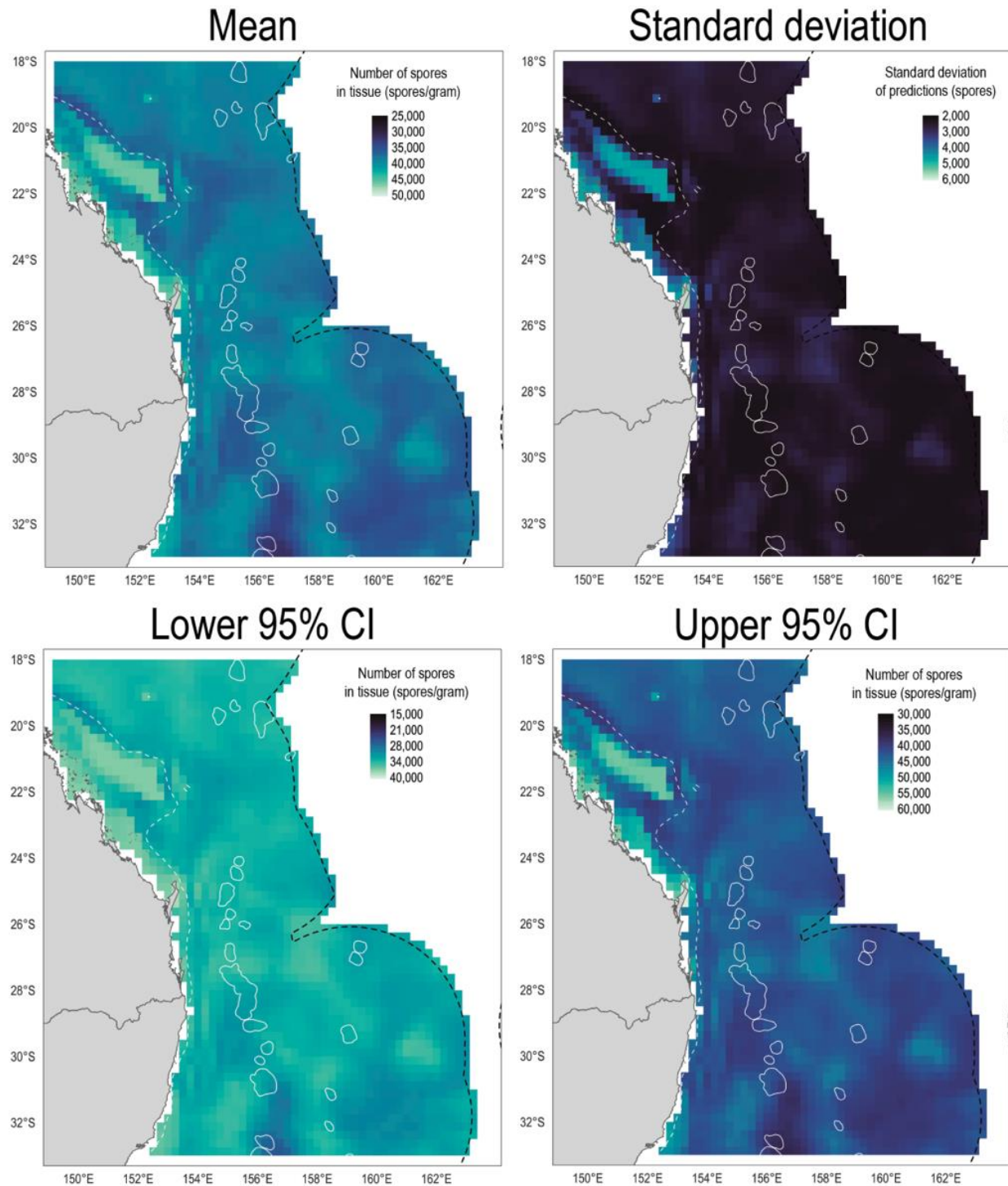
March



**Figure S18**

Predicted spore counts of infected swordfish in April, and associated uncertainty metrics.

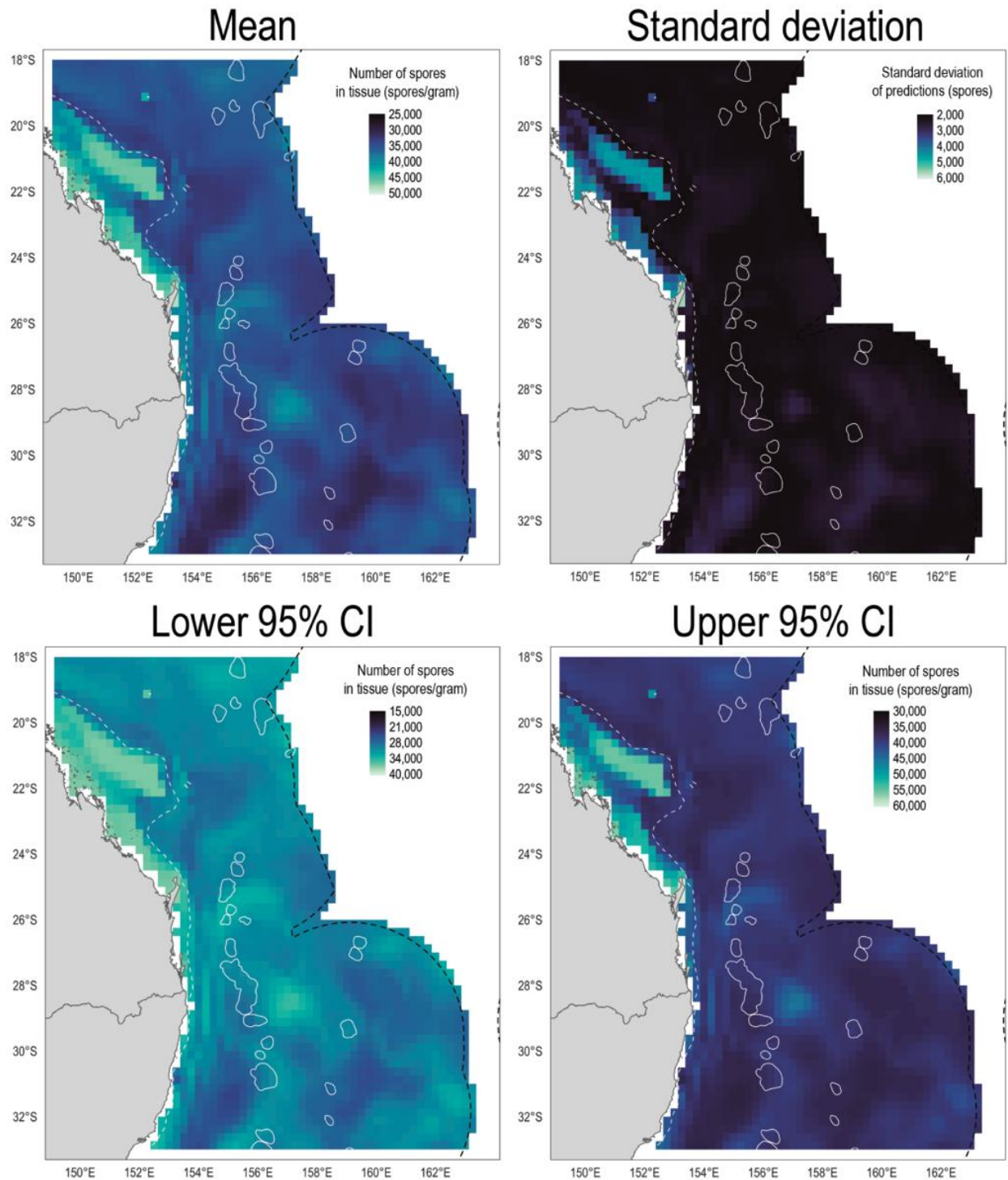
April



**Figure S19**

Predicted spore counts of infected swordfish in May, and associated uncertainty metrics.

May

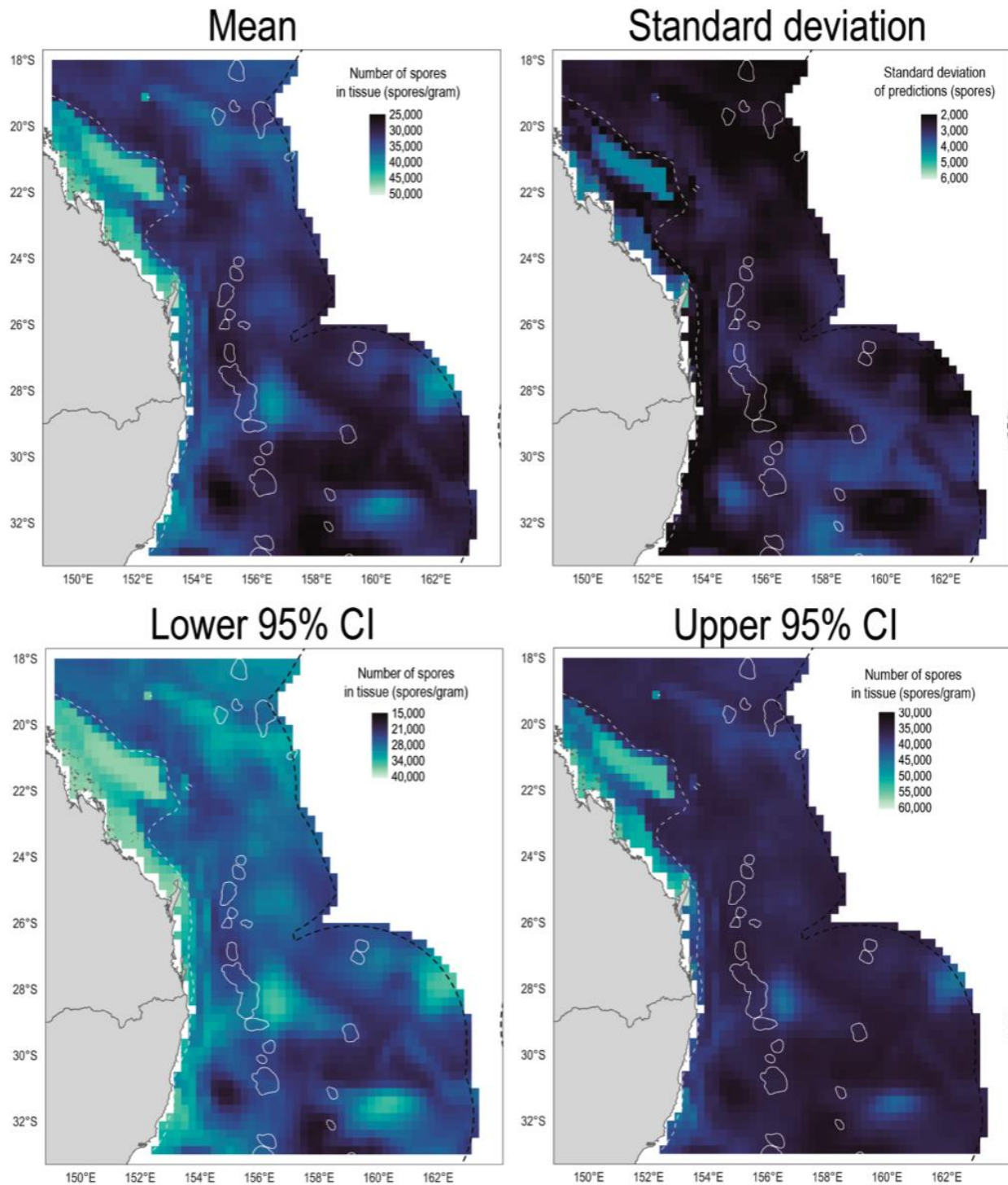




**Figure S20**

Predicted spore counts of infected swordfish in June, and associated uncertainty metrics.

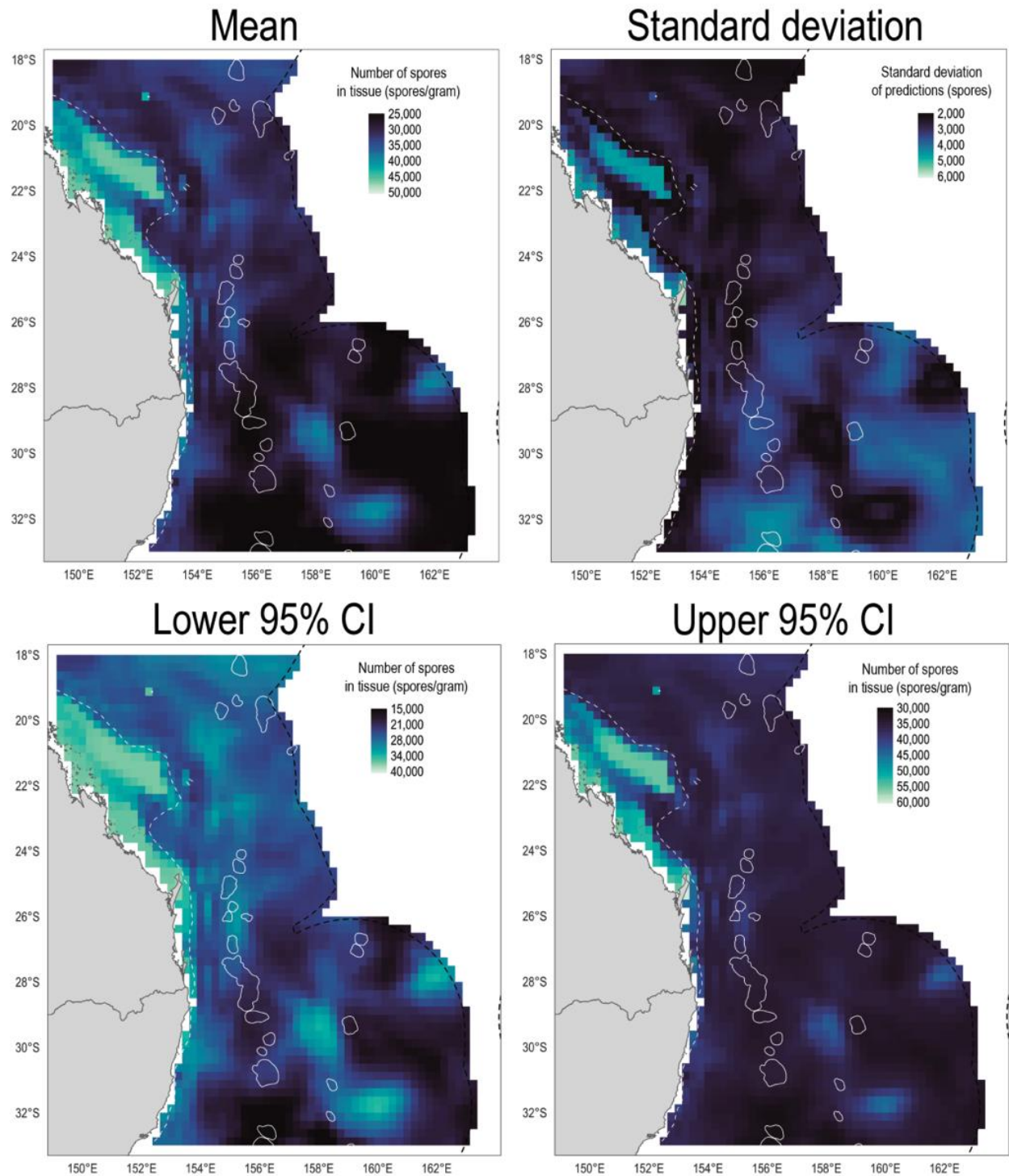
June



**Figure S21**

Predicted spore counts of infected swordfish in July, and associated uncertainty metrics.

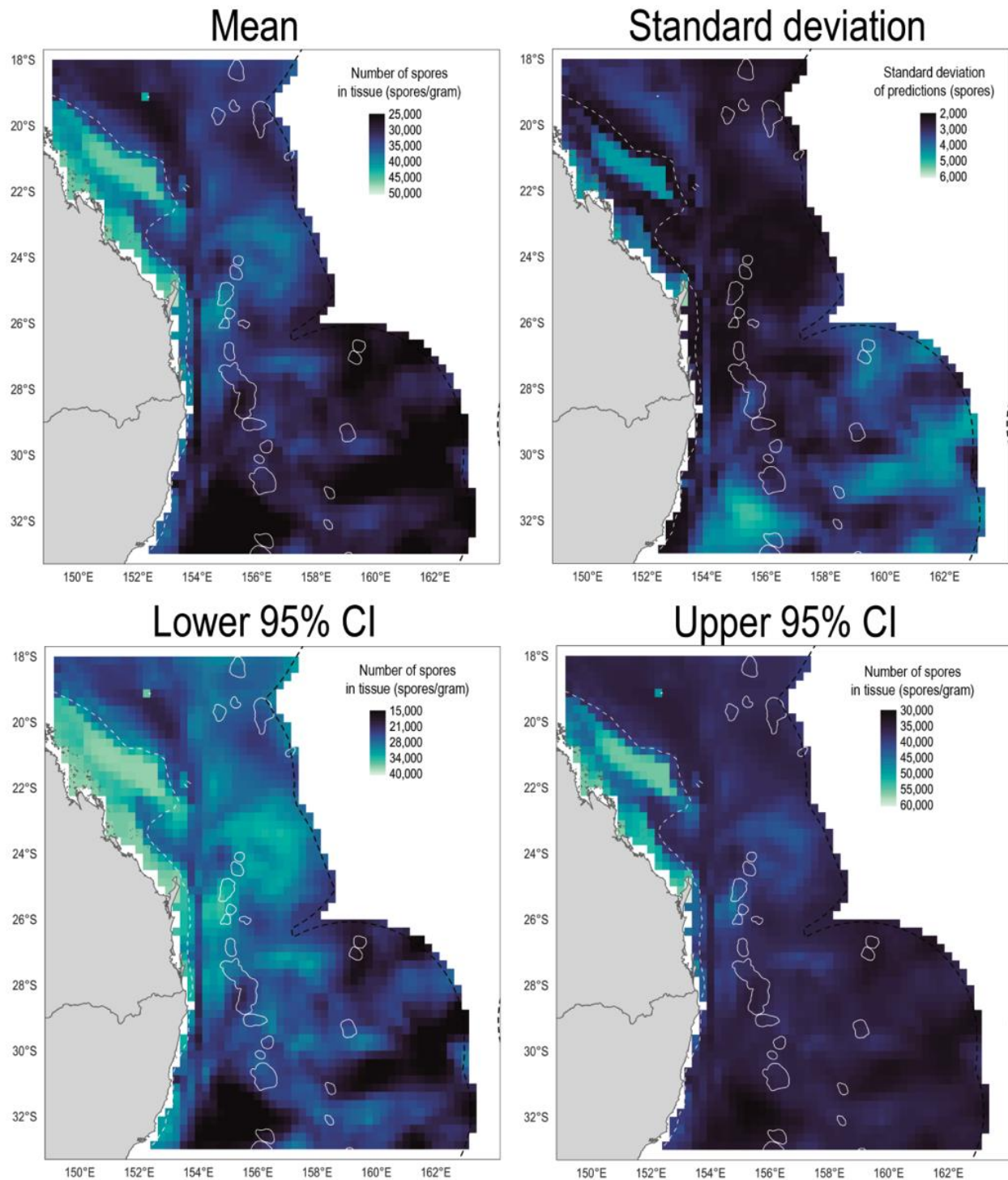
July



**Figure S22**

Predicted spore counts of infected swordfish in August, and associated uncertainty metrics.

August

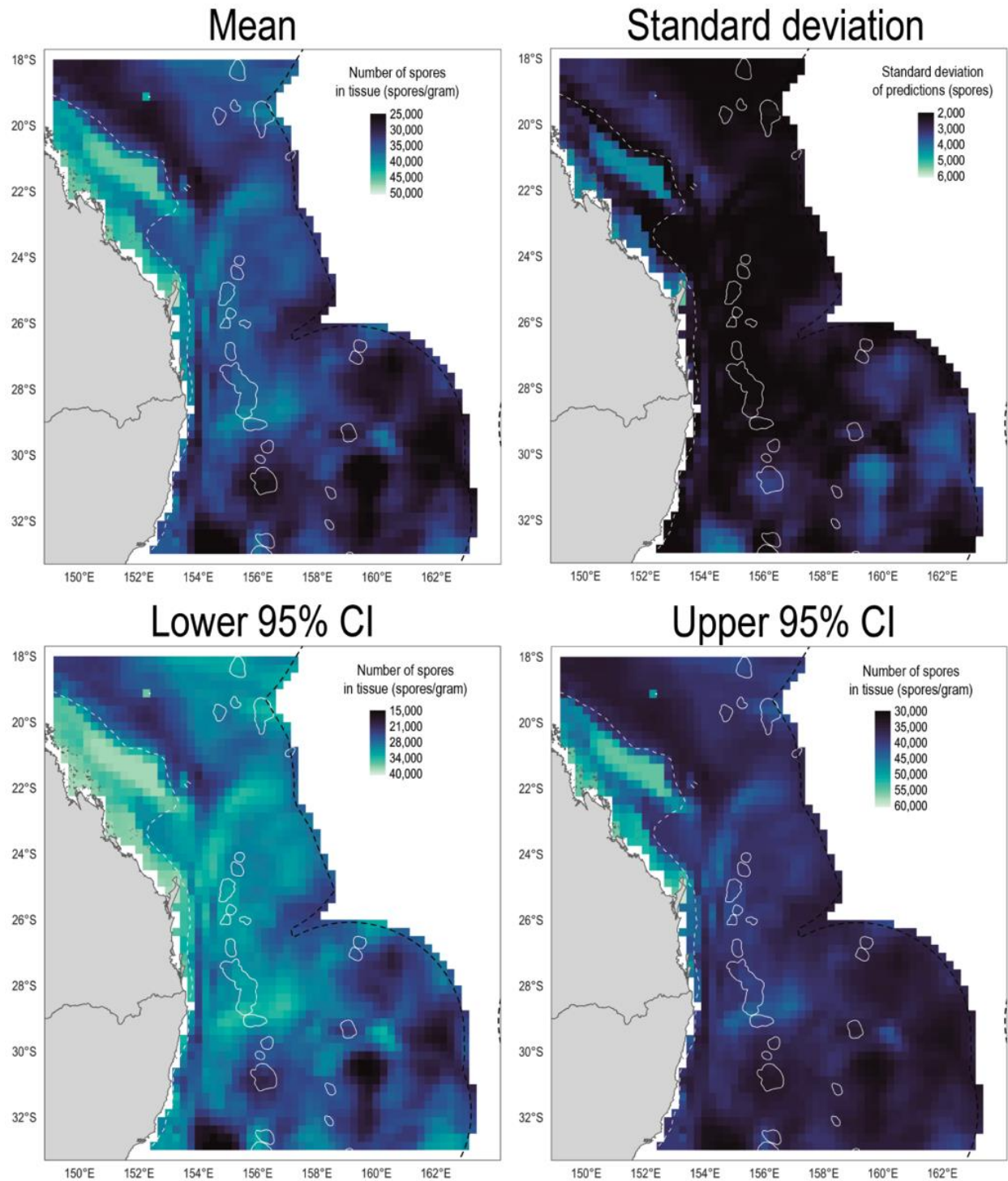




**Figure S23**

Predicted spore counts of infected swordfish in September, and associated uncertainty metrics.

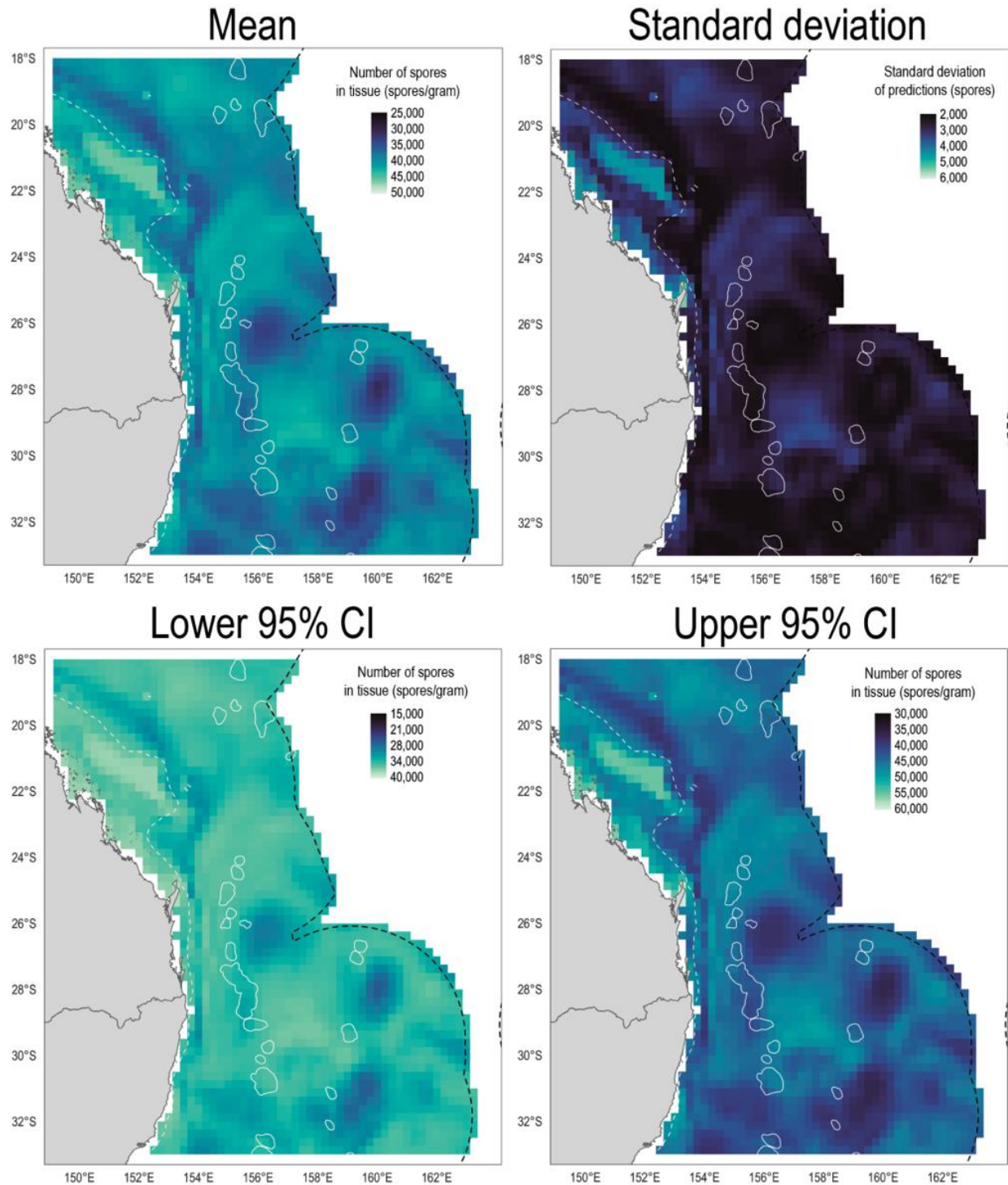
## September



**Figure S24**

Predicted spore counts of infected swordfish in October, and associated uncertainty metrics.

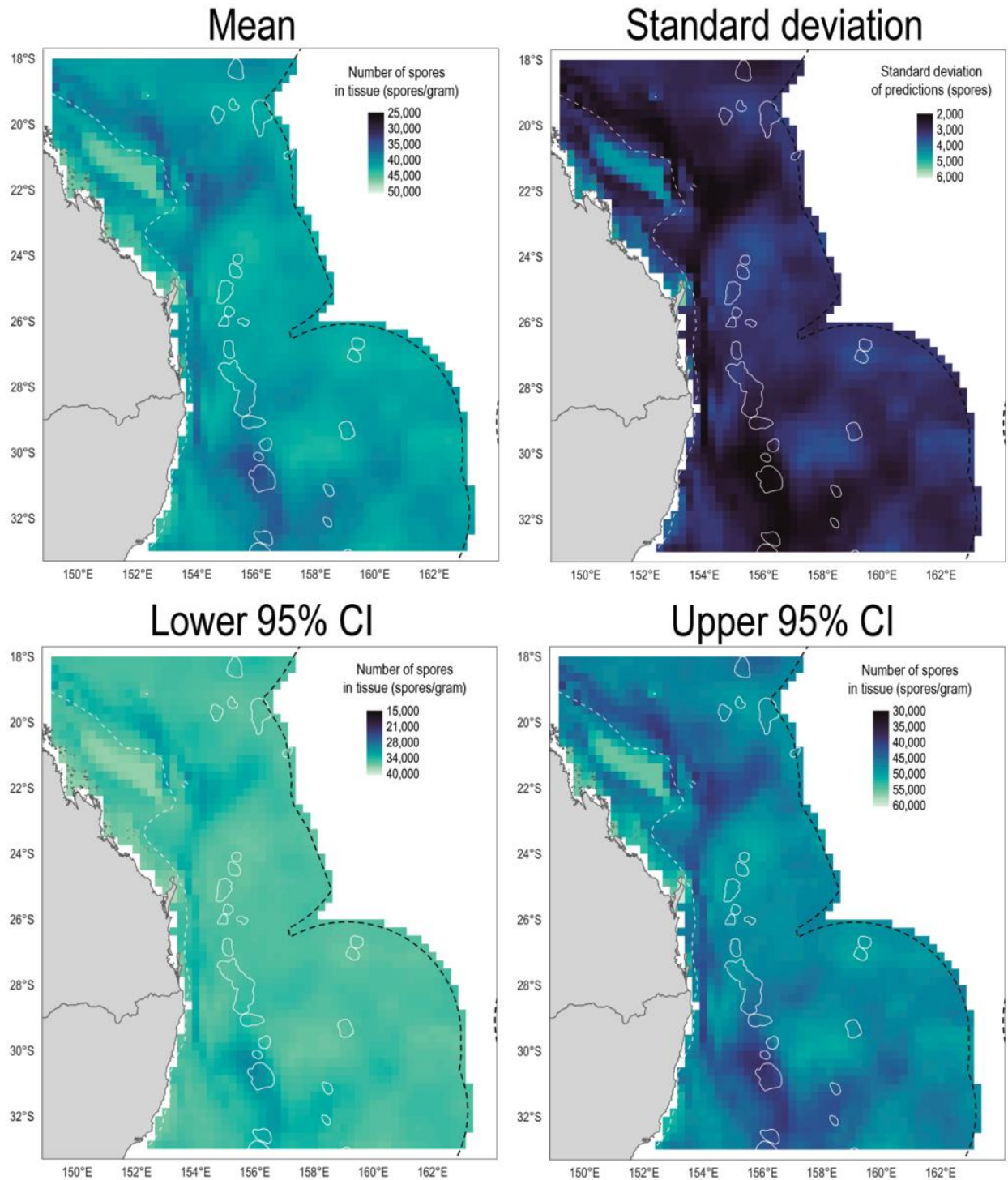
October



**Figure S25**

Predicted spore counts of infected swordfish in November, and associated uncertainty metrics.

## November





**Figure S26**

Predicted spore counts of infected swordfish in December, and associated uncertainty metrics.

## December

