Reviewer’s report

Title: Remote sensing measurements of sea surface temperature as an indicator of Vibrio parahaemolyticus in oyster meat and human illnesses

Version: 0 Date: 16 Jun 2017

Reviewer: Rachel Hartnell

Reviewer's report:

This is a very nice article, it is well written an extends the body of knowledge in a practical and scientifically valid way. I enjoyed reading and recommend acceptance. I have three comments none of which would prevent the article from being published but would be good for the authors to consider.

1. The authors note that they did not have data on the presence of the putative pathogenicity markers in the surveillance study, was this also the case for the confirmations of clinical cases, and if so was the strength of the association between the oysters (containing Vp) and the patients considered strong?

2. Do the authors consider that the resolution of the SST temperature measurements at 1kmis sufficient to enable meaningful predictions at the level of the production area (which presumably maybe much smaller and discrete) linked to this and acknowledged in the text are the intertidal practices - I would recommend including the caveat in the abstract for clarity.

3. Finally, 3 x 3 MPN methods are widely considered semi-quantitative in microbiology and this should be acknowledged in the text, further to this in Table 1 I would recommend the inclusion of median values for bacterial counts which would be a useful inclusion.

Level of interest
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An article of importance in its field

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable
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