Author's response to reviews

Title: Is there a relationship between weather conditions and aortic dissection?

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Author's response to reviews:

Dear Dr Moylan,

Thank you for your feedback regarding our submission to your journal. We would like to accept your invitation to re-submit our revised manuscript for further consideration for publication.

Our original submission was reviewed by two reviewers, namely Mehmet Kurtoglu and Matthew Bown. On reviewing the manuscript, the conclusion of Mehmet Kurtoglu was the paper could be 'accepted without revision'. Matthew Bown suggested a number of changes, and these were duly made before the last submission.

On reviewing the revised manuscript, Matthew Bown has concluded that it can be 'accepted without revision'.

John Ludgroup also reviewed the revision of our manuscript, and commented that the results of the study may be statistically non-significant after a statistical correction for the number of comparisons.

Following Dr Ludbrook's review of the paper, we have performed a Bonferroni correction to account for the number of statistical tests performed (under statistical advice).

The study manuscript been altered to reflect this as suggested by Dr Ludbrook, no longer concluding that there was a statistically significant result. Specifically we have now used the Bonferroni correction to suggest that the reasonable level of significance given the number of indicators should be changed from p<0.05 to P<0.005. We have therefore changed our conclusion to show that there appears to be no significant relationship between weather and aortic dissections.

We hope that this manuscript now meets the requirements for acceptance and we look forward to hearing from you.

Many thanks,

Yours sincerely

Costa Repanos Neil K. Chadha