Author’s response to reviews

Title: Cross-sectional associations between personality traits and device-based measures of step count and sedentary behaviour in older age: the Lothian Birth Cohort 1936

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Author’s response to reviews:

Thank you for the opportunity to respond to the editor’s essential revisions. We have responded individually point-by-point below, and have made changes to the text which is submitted as a clean copy.

Essential Revisions

1. We note that the corresponding author listed on the most recent version of the manuscript differs from the one mentioned in previous versions. Please clarify which author is intended as the corresponding author, amending as appropriate. In line with COPE guidelines, BioMed Central requires written confirmation from all authors that they agree with any proposed changes in authorship of submitted manuscripts or published articles.

0 In such cases, we use a standardised form which we would request you and your co-authors to complete. The change in authorship form can be found from the link on the following page: https://resource-cms.springernature.com/springer-cms/rest/v1/content/7454878/data/v5
All instructions can be found on the form. Please return the form within 14 days with all author signatures.

Response: The intended corresponding author is Philippa Dall. This has been changed (from Iva Čukić who acted as corresponding author for the original submission). We submitted a fully signed change of authorship form to BMC geriatrics as an attachment to an e-mail on 20th August 2019. The receipt was confirmed by Mrs Eloisa Nolasco on 29th August 2019. A copy of the e-mail correspondence is provided at the end of these responses.

Please let us know if we need to resubmit the form.

2. We note that OMD has been mentioned in Authors' contributions. However, OMD is not mentioned as an author on the manuscript. Please provide clarification.

Response: We apologise for this typographic error. OMD should read PMD (Philippa M Dall) who is an author on the article. We have changed the relevant acronym to PMD on page 15, line 375.

3. Please note that the Acknowledgments section should be used to acknowledge anyone who contributed towards the article who does not meet the criteria for authorship including anyone who provided professional writing services or materials. Therefore, please clarify if the Seniors USP Team qualifies for authorship.

An 'author' is generally considered to be someone who has made substantive intellectual contributions to a published study. We recommend that that you adhere to the guidelines for authorship that are applicable in your research field or, in the absence of any guidelines, to the International Committee of Medical Journal Editors (ICMJE) guidelines. According to the ICMJE guidelines, to qualify as an author one should have:

- made substantial contributions to conception and design, or acquisition of data, or analysis and interpretation of data;
- been involved in drafting the manuscript or revising it critically for important intellectual content;
- given final approval of the version to be published. Each author should have participated sufficiently in the work to take public responsibility for appropriate portions of the content; and
- agreed to be accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved.
Acquisition of funding, collection of data, or general supervision of the research group, alone, does not usually justify authorship.

Response: The acknowledgements originally listed the entire membership of the Seniors USP team, regardless of their authorship status (we have found this useful to keep the team list the same across study articles). We have reviewed the criteria for authorship, and no team members other than those individually listed as authors, met the requirements for authorship.

4. If the Seniors USP Team qualifies for authorship then we ask that you please remove their information from the Acknowledgements section at this time and upload their details as a supplemental file, including their relevant affiliations. When doing so, please also update the Authors’ contributions section so that it clearly specifies the contributions of the study group.

If the Seniors USP Team does not qualify for authorship then they may remain as listed in the Acknowledgements section.

Response: No additional members of the Seniors USP team met the criteria for authorship. We have therefore left their names in the acknowledgements section. Consequently, we have not added a supplemental file and no changes have been made to the authors contributions section.

We have revised the acknowledgements section to confirm that no other team members meet the criteria for authorship of this article. (page 16 lines 384 to 385).

The acknowledgements section now reads (underlined text has been added):

“Acknowledgements

The named authors present the study on behalf of the Seniors USP Team, which comprises: Dawn A Skelton (PI), Sebastien Chastin, Simon Cox, Elaine Coulter, Iva Čukić, Philippa Dall, Ian Deary, Geoff Der, Manon Dontje, Claire Fitzsimons, Catharine Gale, Jason Gill, Malcolm Granat, Cindy Gray, Carolyn Greig, Elaine Hindle, Karen Laird, Gillian Mead, Nanette Mutrie, Victoria Palmer, Ratko Radaković, Naveed Sattar, Richard Shaw, John Starr, Sally Stewart, Sally Wyke. Apart from the named authors, no other Seniors USP Team member qualifies for authorship of this article.

The Seniors USP (understanding sedentary patterns) project is funded by the UK Medical Research Council (MRC) as part of the Lifelong Health and Wellbeing Initiative (LLHW) [MR/K025023/1]. The Lothian Birth Cohort 1936 (LBC1936) thank the cohort members, investigators, research associates and team members. LBC1936 data collection are supported by the Disconnected Mind project (funded by Age UK and MRC [Mr/M01311/1 and G1001245/96077]) and undertaken within the University of Edinburgh Centre for Cognitive
Ageing and Cognitive Epidemiology (funded by the BBSRC and MRC as part of the LLHW [MR/K026992/1]).”

We hope that this clarifies the authorship roles of the wider team.

5. When submitting your revised manuscript please ensure you do so as a single clean copy without any tracked changes, colored or highlighted text, as these are no longer required at this stage of the editorial process.

Response: We have submitted as a clean copy with no tracked changes or highlighted text.

Copy of e-mail correspondence confirming receipt of fully signed change of authorship form to BMC Geriatrics.

From: Eloisa Hade Nolasco &lt;Eloisa.HadeNolasco@springernature.com&gt;
Sent: 29 August 2019 01:57
To: Dall, Philippa &lt;Philippa.Dall@gcu.ac.uk&gt;
Subject: RE: Contact Us Enquiry for BMC Geriatrics 12877, BGTC

BGTC-D-18-00442

Cross-sectional associations between personality traits and objectively-measured physical activity and sedentary behaviour in older age: the Lothian Birth Cohort 1936

BMC Geriatrics

Dear Dr. Dall,

Thank you for your email.
I confirm that I have received your authorship form last August 20 and this has been forwarded to the Senior Editor for checking. As for your revised manuscript, I have sent it to the handling Editor for decision.

I hope this helps. Should you have further concerns, please do let me know.

With kind regards,

Eloisa Nolasco (Mrs)
JEO Assistant
Journals Editorial Office (JEO)

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eloisa.hadenolasco@springernature.com
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From: Dall, Philippa [mailto:Philippa.Dall@gcu.ac.uk]
Sent: Wednesday, August 28, 2019 4:40 PM
To: Eloisa Hade Nolasco
Cc: CUKIC Iva (iva.cukic@ed.ac.uk); Skelton, Dawn; DEARY Ian
Subject: RE: Contact Us Enquiry for BMC Geriatrics 12877, BGTC

Dear Mrs Nolasco,

Thank you for changing the corresponding author.

I am a little confused about your request for me to send a completed change of authorship form by e-mail. A completed change of authorship form was attached to the e-mail when I made the request on 20th August. I have attached it again to this e-mail. If this is not adequate, please can you provide more detailed instructions.

Thank you
Philippa

Dr Philippa Dall
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