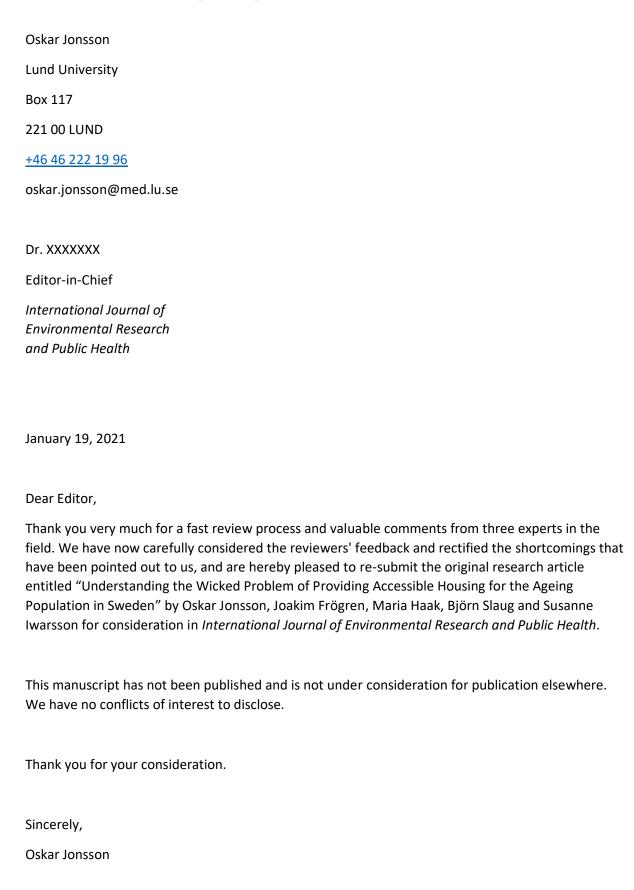
Cover letter detailing changes



Oskars övegripande kommentarer:

• Vi kan överväga att benämna "key actors" för "contributors" och "participants" för "individuals involved" så som vi gör i manus om user forum. Kan klargöra och minska risken för felaktiga antaganden

Reviewer 1

The article addresses the original and actual topic of understanding variables for decision-making about accessible housing provision for the ageing population focusing on Sweden. The method of analysis is very accurate, the review suggests few modifications in the introduction and in the last part of the article in order to better highlight the result of the study. The suggestions are related to articles to make them as clear as possible.

Comment from reviewer 1	Changes made by the authors
In the introduction , I suggest to insert a	Line 79. New sub-paragraph inserted: 2.1.1.
specific sub-paragraph about Sweden	Housing accessibility in a Swedish context
context taking information from 'Housing	
Accessibility', since this topic is also cited	
in the titled of the article.	
In 'materials and methods' section, when	Line 266-267. A short explanation has been
you cite for the first time the research circle	added.
(RC) methodology, I suggest to explain it at	
least with a sentence, in addition to the	
reference.	
The study reveals that there is a lack of	Line 580-586. A proposal for a practical
evidence on how housing accessibility	way to realize actions to improve housing
impacts on individuals and society's health	accessibility and find evidence, based on the
and well-being. For this reason, I suggest to	suggested article has been added.
clearly state this concept in the discussion	
section and to propose a practical way to	Line 597. Now we clearly state that there is
find evidence in further research (e.g. pre	a lack of evidence.
and post design assessment of housing	
accessibility variables to measure the	
impacts on people's health).	
In the reviewed article emerges that there is	Line 673-675. The approaches suggested by
a lack of systematic information about the	the reviewer, has been considered and
state of housing accessibility, but the use of	proposed to use in further studies.
the five dimensions was helpful in	
visualizing the critical variables for	
decision-making about accessible housing	
provision. However, one of the limitations,	
as stated in the discussion, might be the	
stringency of the analysis process. In this	
regard, for further studies I suggest to	

consider Multicriteria Analysis approach (Roy,2013; DCLG, 2009), which can be used to structure and solve complex decisions and planning problems involving multiple qualitative and quantitative criteria and the analysis and comparison of the full range of aspects related to a project. This can be done also by involving different stakeholders (Ferretti, 2016). In relation to this, I suggest to consult the	Line 684-689. Another article by the
following article which describes how to apply Multicriteria analysis involving different stakeholders for creating a decision support system formed by dimensions, criteria and indicators, similar to dimensions and variables of the reviewed study.	suggested authors has been consulted and proposed to use in further studies.
Dell'Ovo et all (2017) Multicriteria decision making for healthcare facilities location with visualization based on FITradeoff method DOI: 10.1007/978-3-319-57487-5_3	
Furthermore, the current study focuses on 'wicked problems', however I suggest for further research to consider as variables both negative and positive features of the built environment through a performance based approach. In relation to this, I suggest to consult the two following articles, the first one about a performance-based decision support system for housing renovation, in relation to sustainability and Universal Design, the second one about healthcare facilities for dementia	Line 651-655. A section in the discussion have been added where the suggested articles are brought up.
Kapedani H., Herssens J., Verbeeck G. (2018) The ComfortTool - Assessing perceived indoor environmental comfort improvements in four deep energy home renovations	
Brambilla A., Maino R., Mangili S., Capolongo S. (2020) Built Environment and Alzheimer. Quality Evaluation of Territorial Structures for Patients with Dementia. https://doi.org/10.1007/978-3-030-52869- 0_15	
Finally, the references should be related to the numbers within the article text.	OJ 19/1

Reviewer 2

Thank you for the revisions. Unfortunately, you have missed a few essential points which you must be aware of. In the following, I will take up these points again. Please revise these points before submitting the manuscript again.

Comment from reviewer 2	Changes or comments made by the authors
Introduction: Missing information about the	Line 771-775 has not been changed.
benefits of this study	Describes the benefits of the study.
Experimental design: please, try to explain	No change made. The authors has not used
better the procedure. I find it confusing.	the term experimental design. The authors
	avoid to term the method as a type of
	design, because it can be confusing for
	researchers with a design background.
Was there inclusion or exclusion criteria in	Line 234-235 has not been changed.
your experiment or study?	Describes the selection criteria used to reach
	heterogeneity.
	L: 227 220 D 1 1 1
	Line 237-238. Describes now describes an
	exclusion criterion for key actors that should
Line 211 to 220. How longs many offert	not be included.
Line 211 to 220: How large were effect	Paragraph 4.2 has not been changed,
sizes assumed? Was a sample size calculation done?	because the qualitative approach, did not allow estimation of the effect size and
Calculation done:	sample size calculations.
Line 230 to 232: Please provide more	Line 258-259. Detailed information has
information about the informed consent.	been added.
Limitations must be reported in the	Line 691-699. Limitations has been added to
discussion section. If the study protocol was	the discussion section.
not previously, it must be declared as	die diseassion section.
limitation.	

Reviewer 3

This is a well-constructed qualitative study on different types of barriers to the availability of accessible houses to older subjects in Sweden. The clear introduction is supported by relevant references and essential to the comprehension of the framework in which this study was conducted. Results are presented in a clear way and well discussed in the following sections. Conclusions, however, are a bit vague, but it seems inevitable for a wicked problem.

Comment from reviewer 3	Changes made by the authors
The abstract could be improved, providing a	OJ 18/1
more structured summary of results and	
conclusions	
Please check reference list, as it does not	OJ 19/1
provide reference number, and it is	
bothersome to consult.	

	1
Please revise manuscript for English	SI
language, use of repetitions and adverbs	D 15 1 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
mostly. Moreover, in my opinion translation	Paragraph 5 and all subparagraphs: The
of transcripts could be much improved (feels	translations of the transcripts have been
a little bit strange and sometimes is not fully	improved.
clear) Introduction - lines 34-36. The sentence "In	Line 34-36. The sentence has been deleted.
addition, poor housing conditions,	Housing context and conditions can be rude
inequalities and inequity put individuals	and discriminatory. However, the authors do
who belong to one of the above-mentioned	not want to convey a discriminatory
groups at risk of ending up in the other	message.
groups." sounds a bit rude and might convey	message.
a discriminatory message	
Paragraph 2.1 - lines 85-86: the use of	Lines 87-88. "Withhold" has been clarified
withhold in this sentence is unclear; line 99:	with the use of "draw and adapt" and the
please extend CEO acronym	sentence has been further detailed. CEO
	acronym has been extended.
Paragraph 3.1 - lines 134-136: this sentence	Lines 134-136. The long sentence is now
is not so clear when I read it.	divided into two and the language has been
	simplified.
Paragraph 4.2 - lines 212-213: please	Line 217. The researchers' academic
specify the "different academic	background has been added.
backgrounds" of three researchers; lines	
217-219: please specify how key actors	Line 222. The fact the key actors potentially
benefited from research on housing	could benefit from new knowledge produced
accessibility (grants? other measures?) if	from research on housing accessibility, has
this could be perceived as potentially	been specified.
biasing their role in the RC, this should be	1: 600 604 4
discussed in the limitations section, as well	Line 682-684. A sentence about that the key
as the fact that all key actors were highly	actors may not represent the prototypical
selected ("had competence, knowledge, experience of and opinions to issues related	individuals that potentially could benefit from new knowledge on accessible housing,
to housing and health"), so might not	has been added.
represent the "prototype" of stakeholder for	has been added.
accessible housing.; line 230: please check	Line 236. The number of participants has
the number 12, since you included 15 key	been clarified.
actors	ocen charmed.
Table 3: please specify which National	Table 3. The National public authority as
public authority the key actor was affiliated	well as the organisation the business
with.	developer represent has been specified.
Paragraph 4.3 - Please discuss further (here	Paragraph 4.2 Line 224-227. The
and/or in the limitations section) why	researchers' role as participants involved in
academics were both RC active participants	the RC in added.
and researchers (an independent moderator	L. 601 602 TF
and/or researcher could be of some use? is	Line 681-682. The approach to include
this a limitation or a strength of the study?);	researchers as RC participants is now
line 236: JF participated in only one session	discussed as a strength.
but the request of participating to all three	

sessions was not a prerequisite of inclusion in the RC?	Line 234. JF was not employed as a PhD student at the time for the first and second RC sessions. The prerequisites and inclusion criteria only concerned the key actors.
Paragraph 4.4 - lines 249-250: please provide reference for GDPR.	Line 259: reference provided.
Table 4: please modify the layout since in the present form the table is difficult to read; moreover, Categories and clinical variables provided in the table are extremely vague and should be improved to give the reader a clear "summary" of main findings.	Table 4: Categories have been given more clear names
Paragraph 5 and all subparagraphs: please uniform transcript presentations (with/without quotes). It could be informative to have at least quoted transcript for all subparagraphs; moreover, the manuscript could benefit from a better balance between the representation of different key actors in the transcripts (the National senior citizen organizations' representative is highly under-represented in my opinion). I also think that quote in lines 384-385 should be longer to really refer to "counter-productive construction projects".	Paragraph 5 and all subparagraphs: The transcripts are now presented in a more uniform way with quotes. All subparagraphs now have at least one quoted transcript The national senior citizen organizations' representative is now represented with more quoted transcripts and the balance between the representation pf different key actors have improved The quote in lines 384-385 is now longer
Paragraph 5.5: i find it lacking a little bit of depth and worth a longer discussion.	Paragraph 5.5: Rewritten with more depth
Reference 1 - line 713 please provide relevant link	Line 723. Link added.
References: for all links please update date last accessed (I personally checked and are all accessible as of today, Jan 5th 2021.	Thank you! All links are now updated.