



PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 51221

Title: Gender wise prevalence of cardiovascular diseases among geriatric population of India: A meta-analysis using R

Reviewer’s code: 01214757

Position: Editorial Board

Academic degree: MD

Professional title: Professor

Reviewer’s country: Turkey

Author’s country: India

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2019-10-13 09:49

Reviewer performed review: 2019-10-13 10:09

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input checked="" type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

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PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 51221

Title: Gender wise prevalence of cardiovascular diseases among geriatric population of India: A meta-analysis using R

Reviewer’s code: 03702209

Position: Editorial Board

Academic degree: MD

Professional title: Associate Professor

Reviewer’s country: Greece

Author’s country: India

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2019-10-13 07:16

Reviewer performed review: 2019-10-14 09:13

Review time: 1 Day and 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input checked="" type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
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			<input checked="" type="checkbox"/> No

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This is a metaanalysis investigating the prevalence of cardiovascular disease in the elderly and gender differences in India. 1. in the conclusion section of the abstract the authors state that there is significant difference in the prevalence of male and female subjects whereas this is not proven by statistical analysis 2. In page 3 three the authors state that cardiovascular disease is a type of non-communicable disease caused by infectious agents (????) and they also include in the list of diseases congenital heart disease although this is a study in the elderly. 3. The topic is not really attractive

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PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 51221

Title: Gender wise prevalence of cardiovascular diseases among geriatric population of India: A meta-analysis using R

Reviewer’s code: 03846820

Position: Editorial Board

Academic degree: FACC, MD

Professional title: Academic Research, Assistant Professor, Doctor

Reviewer’s country: Netherlands

Author’s country: India

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2019-10-12 09:27

Reviewer performed review: 2019-10-16 14:02

Review time: 4 Days and 4 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input checked="" type="checkbox"/> Onymous
<input checked="" type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
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			Conflicts-of-Interest:
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Dear author, The paper represents results of the meta-analysis which is aiming to evaluate the gender wise prevalence of cardiovascular diseases among the geriatric population of India. The article is written with the good English-speaking adduction of the arguments. The article is sufficiently novel and very interesting to warrant publication. All the key elements are presented and described clearly. The most discussable options in the article are: 1) Please underline the novelty of the paper. There are some articles with the similar analysis of the Indian population. For instance a few of them must be mentioned and discussed in the paper: DOI: 10.1161/CIRCULATIONAHA.114.008729, 10.4103/0970-0218.43225, 10.1016/j.jcdr.2013.03.002, and so on. 2) The general idea of the paper is clear but it is not sophisticated enough for meta-analysis. I would generally suggest elaborating the paper with the options which were mentioned in the Future Perspective. The points you have mentioned in the Limitations are actually the major one. Those Limitations are truly critical for the proper interpretation of your findings. The dramatic heterogeneity of the data is the main of them. Your Funnel plots, for instance, are very disturbing. 3) Conclusions: First, you do not have a Conclusion at all. Moreover, your brief conclusion in the abstract is not informative enough. Please, draw any conclusion. For a moment, this analysis in such an appearance is simply pointless. 4) Please underline in the Discussion the general situation in India in order to make your major point clear. 5) Figures and Tables: dear colleagues you are neither describe them nor discuss them. Please, do both. Your plots must be interpreted either in the Legend or in the Results and then discussed. You did not estimate your Results on the plots at all. 6) Some your data require p value. Please mention p value for all variables.

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PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 51221

Title: Gender wise prevalence of cardiovascular diseases among geriatric population of India: A meta-analysis using R

Reviewer’s code: 02729101

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer’s country: Italy

Author’s country: India

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2019-10-16 15:21

Reviewer performed review: 2019-10-16 15:24

Review time: 1 Hour

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
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PEER-REVIEW REPORT

Name of journal: World Journal of Meta-Analysis

Manuscript NO: 51221

Title: Gender wise prevalence of cardiovascular diseases among geriatric population of India: A meta-analysis using R

Reviewer’s code: 00397579

Position: Editorial Board

Academic degree: FACC, MD, PhD

Professional title: Assistant Professor

Reviewer’s country: United States

Author’s country: India

Reviewer chosen by: Ying Dou

Reviewer accepted review: 2019-10-13 03:12

Reviewer performed review: 2019-10-24 09:40

Review time: 11 Days and 6 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
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Nanda and Shivgotra reviewed literature on the prevalence of CVD in India and performed a meta-analysis for elderly India population. I found the study has a clear focus and provides important information to the literature. The study design is appropriate, and conclusions are supported by the results of their computational analysis. A few minor comments: 1) In the introduction section, please specify the definition of cardiovascular disease by following WHO documentations, i.e. <http://www.euro.who.int/en/health-topics/noncommunicable-diseases/cardiovascular-diseases/cardiovascular-diseases2/definition-of-cardiovascular-diseases>. 2) There are various terms used in this manuscript describing "geriatric population", "elder population", "elderly population". I would suggest to discuss about WHO or other organization's age cut-off of "elderly", "geriatric" or "older adults" then point out how this manuscript adopted these definitions, and choose one term throughout the article thereafter. 3) page 3 para 2 line 5: the sentence needs to be revised 4) page 3 line 3 from the bottom: there is an error in the sentence: "CVDs are a type of non-communicable diseases caused by infectious agents..." 5) there is not necessary to use capital for cardiovascular disease in the middle of sentences (throughout the manuscript). If CVD abbreviation has been established in the main text, it would be easier to follow by using CVD throughout the text.

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