

Format for ANSWERING REVIEWERS



May 12, 2015

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 17338-review.doc).

Title: Correlation between nonalcoholic fatty liver and brachial-ankle pulse wave velocity

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Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 17338

The manuscript has been improved according to the suggestions of reviewers:
1 Format has been updated.

We have revised our manuscript strictly according to the Reviewers' comments and marked the responses to each point of reviews in red.

2 Revision has been made according to the suggestions of the reviewer

(1) The author give a definition of NAFLD. But the cited reference 1 was obviously wrong. The original reference of NAFLD definition should be cited. Besides, "...but without a history of drug abuse" Are you sure that it is drug abuse but alcohol abuse?

Answer: We have revised the contents, "but without a history of drug abuse" was modified to "but without a history of excessive alcohol consumption".

(2) Statistical analysis 1. There is no 'Categorical variables of medians...'

Answer: We have added the categorical variables of medians, "Median of baPWV value:1321cm/s(males),1219 cm/s(females) ,1302 cm/s(entire population)".

(3) The statistical analysis method of Table 1 is not shown in the Method.

Answer: We have added the statistical analysis method of table 1 in the method section.

(4) The authors should list all variables included in the regression models and explain why such variables had been selected as independent variables. In the Table 3, only two factors were considered in the logistic regression analysis.

Answer: We have increased UA as variable. All variables which were closely related to fatty liver were selected according to the metabolic syndrome, hyperlipidemia and hyperuricemia prevention guidelines.

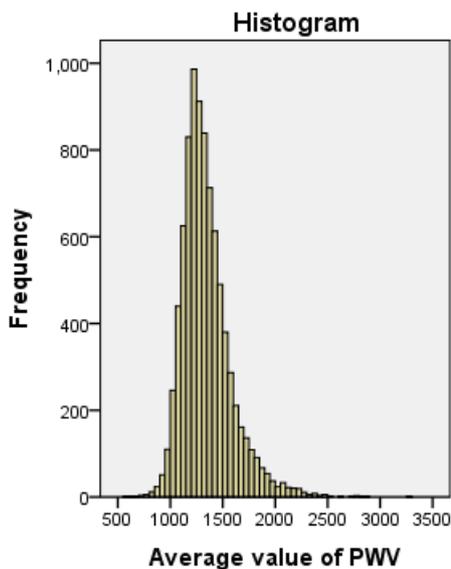
In the Table 3, only two factors were considered in the logistic regression analysis, because greatly effect were observed between the two variables, no matter whether the metabolic components increased or not, NAFLD has effect on baPWV.

(5) The table 4 is a strange one. The author conducted a multiple linear regression. Actually, there are only two factors (A metabolic component (MC) and sex each time).

| | | | | | | | | | | | | | |
|-----|---------------------|------|------|------|--------|--------|------|------|---------|---------|------|--------|--------|
| TC | Pearson Correlation | .160 | .174 | .068 | .175** | .200** | .180 | .107 | .363** | .156** | 1 | .733** | .193** |
| | Sig (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | | .000 | .000 |
| | N | 8601 | 8614 | 8614 | 8614 | 8614 | 8614 | 8614 | 8614 | 8612 | 8614 | 8614 | 8614 |
| LDL | Pearson Correlation | .084 | .110 | .037 | .097** | .106** | .153 | .019 | -.091** | .067** | .733 | 1 | .114** |
| | Sig (2-tailed) | .000 | .000 | .001 | .000 | .000 | .000 | .079 | .000 | .000 | .000 | | .000 |
| | N | 8601 | 8614 | 8614 | 8614 | 8614 | 8614 | 8614 | 8614 | 8612 | 8614 | 8614 | 8614 |
| UA | Pearson Correlation | .140 | .344 | -.07 | .198** | .267** | .436 | .048 | .346** | -.270** | .193 | .114** | 1 |
| | Sig (2-tailed) | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | |
| | N | 8601 | 8614 | 8614 | 8614 | 8614 | 8614 | 8614 | 8614 | 8612 | 8614 | 8614 | 8614 |

(8) The normalization distribution test should be conducted for continuous variable.

Answer: The normality of continuous variables was tested (baPWV) . It is basically normal distribution, see below figure.



3 .References **have added** and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,

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