



ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 17338

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

Reviewer's code: 02903629

Reviewer's country: China

Science editor: Yuan Qi

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Table with 4 columns: CLASSIFICATION, LANGUAGE EVALUATION, SCIENTIFIC MISCONDUCT, CONCLUSION. It contains checkboxes for various review criteria like 'Grade A: Excellent', 'Duplicate publication', 'Plagiarism', etc.

COMMENTS TO AUTHORS

Introduction 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? Statistical analysis 1. There is no 'Categorical variables of medians...' Medians is suitable for quantitative data. 2. The statistical analysis method of Table 1 is not shown in the Method. 2. Results of multiple regression analyses are greatly affected by other variables selected in the model used. 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. 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). The whole statistical analysis went wrong way. The superposition of forecasting results of the four components should be taken as the ultimate forecasting value. One MC, two MC, three MC, four MC, Five MC. The count of the MC could be a variable and is well suitable for logistic and linear regression. 3. The author should explain



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that multi-collinearity did not affect the results obtained from multiple regression analyses 4. The normalization distribution test should be conducted for continuous variable.