Reviewer's report

Title: Dietary intake of n-3 long-chain polyunsaturated fatty acids and risk of myocardial infarction in coronary artery disease patients with or without diabetes mellitus: a prospective cohort study

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Reviewer: Michel de Lorgeril

Reviewer's report:

The statistics used in that work are simple and there is no problem with.

The problem is in the interpretation because the sample size is rather small, the numbers of endpoints are small and we are in the context of post-hoc observational study with no "a priori" hypothesis ...

The data should therefore be taken with precaution; what the authors do well!

The study raises interesting questions: 1) the lack of parallel between the omega-3 and fish data, for instance, and 2) the suggestion of different effects in function of the doses and background disease ...

In view of the Methods limits, it is difficult to interpret!

In fact, these data need confirmation; the best way would be a meta-analysis pooling several studies with same limitations ...

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I receive research grants from The European Communit and from some Food industry, all managed through the School of medicine of the Grenoble university, none of them in direct relation with the present article