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Interactive comment on "Lessons learnt from analysing the causes of casualties in the Sichuan Changning M_s 6.0 earthquake" *by* Wei Wang et al.

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It is interesting and important to analyse the causes of casualties. Nevertheless, it is needed to keep in mind that the sample is small and probably not sufficient for a statistical analysis. Lessons learnt are known already, but even so they are well summarized. Probably should be interesting to compare results with other studied earthquakes?

1) Abstract

I would considered to write in the abstract the total of people (32) before referring that 66% ..... In that way it is possible to have an idea about the number we are talking about. If not, it seems sensationalist.

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2) section 1. Disaster characteristics...

a) I would like to see a figure (Fig 1a or fig 1b) showing the tectonics and the location of the epicenters of the two or three earthquakes that are mentioned (two in section 1 and a third one at section 2).

b) lines 30-31: how many people has the Changing County and how many houses? (you mentioned 50000 houses collapsed and /or were seriously damaged. It should be interesting to have an idea of this representation). And can you add the total amount (8889 billions yuan) in dollars, as well?

3) section 2. Emergency response

table 1.Is it not missing a line referring to technical expertise and support as geotechnical and structural engineers?

4) section 3.3 causes

Concluding that a dead is because of the collapse of the house can not be so straightforward. Survival maybe be related to the length of time from the occurrence of the earthquake until the time of rescue from the rubble. Is there any data on that? number of hours or days that victims were trapped under the rubble?

4) section 3.4 analysis and section 4 lessons learnt

The critically or seriously injured people were quickly assisted, the medical response was adequate?were there infrastructures and medical personnel available? Analyzing the medical response can as well give hints to the lessons learnt.

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