

Interactive comment on “An interdisciplinary perspective on social and physical determinants of seismic risk” by K.-H. Lin et al.

Anonymous Referee #1

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The paper is an interesting work involving different aspects about disaster studies. The multidisciplinary investigation the authors made is a significant example of how social and physical indicators can be used to define policy interventions in disaster risk mitigation programs. Because of the multidisciplinary nature of the paper, the authors should explain, in more detailed, some particular topics they used in the work. The text is too synthetic, especially when the analysis were described. The data was sufficiently described while the methods and calculations used need to be clarified. It could be very useful adding a new chapter dedicated to the Poisson regression analysis where the authors can explain why they decided to use that regression, how they performed the five hypothetical models, the formula and the parameters they used. The figures are some problems, particularly figures 3-4-5-6-7 are of poor quality

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and they miss important information (data, function of the linear regression). Table and figure captions should be more detailed. The table A1 is not described in the text. Here is a list of specific comments In the attached pdf file, some specific comments are reported with notes and the highlighter tool. The most important are also reported below: In the discussion paper two titles were reported. The authors used many abbreviations and acronym, please, when used the first time, write also the meaning or the extended version. Some sentences in the text are not clear, recognizable with the highlighter in the attached pdf file. Please improve and clarify the sentences.

Please also note the supplement to this comment:

<http://www.nat-hazards-earth-syst-sci-discuss.net/3/C540/2015/nhessd-3-C540-2015-supplement.pdf>

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 3, 761, 2015.