

Interactive comment on “Assessing the impact of Syrian refugees on earthquake casualty estimations in southeast Turkey” by Bradley Wilson and Thomas Paradise

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Received and published: 2 September 2017

Dear Dr. Papadopoulos,

Thank you for the feedback and comments on our manuscript.

The problem in Figure 3, Legend is a LaTeX problem and easy to fix, thank you for spotting the error. Aeral distribution is a typo, it should be areal, we will fix accordingly.

Table 1: In the OpenQuake implementation we used for each scenario, a magnitude-area scaling relationship (Wells & Coppersmith, 1994) is employed within the scenario call to handle the magnitude scaling with the provided fault trace. We can explain in

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greater detail how OpenQuake handles this process when discussion the scenarios. We did not include the magnitudes in the table because we had outlined that each fault was ruptured at the same three magnitudes, but can adjust the table if it is clearer with them included.

Table 2: Noted, will fix accordingly.

Table 6: We will work to clarify the relationship between Table 6, the text above, and other tables in the main text.

The point regarding indoor/outdoor population is an important one and we agree it should be included in the discussion, especially considering it has affected casualty totals in recent earthquakes (2015 Nepal comes to mind). Thank you again for the constructive suggestions for improvement.

Best Regards, Bradley Wilson

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2017-69>, 2017.

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