

Interactive comment on “Uncertainty and sensitivity analyses in seismic risk assessments on the example of Cologne, Germany” by S. Tyagunov et al.

Anonymous Referee #2

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This is a well-written and well-organized paper that addresses an important topic related to analysis of uncertainties in seismic risk estimation. I think that the discussion paper is worth for publication with a minor revision.

Comments

Page 7291, lines 18, 21. Please specify intensity scale for the data and its relation to EMS-98 scale

Page 7298, line 12. please specify why a value of 0.1 was used to consider errors in the b value of Gutenberg-Richter relationship. Is it a real value obtained in analysis of

C2983

the relationship for this region?

Check citations

Page 7288, line 2 - SSHAC, 1997 - is missing in the Reference list Line 27 - Wen et al. (2002) - there is another reference (Wen et al., 2013) in the list

Page 7291, line 1 - Tyagunov et al. 2004a,b, 2006 - there are other references in the list (2004, 2006a,b) Line 2 - Daniel and Wenzel, 2011 - is missing in the reference list

Page 7292, line 20 - Schwarz et al 2004 - there are two references in the list - 2004a and 2004b

Page 7316, line 27. Please relocate reference Sokolov and Wenzel, 2011

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., 1, 7285, 2013.