

## Anonymous Referee #2

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.

*Dear Anonymous Referee,*

*Thank you for the positive response and comments. Please find our answers below.*

### Comments

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

*The intensity data for the mentioned earthquakes are taken from CENEC, the unified catalogue of earthquakes in central, northern, and northwestern Europe (Grünthal et al., 2009). It is assumed that all those intensity estimates can be directly related to EMS-98.*

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 the relationship for this region?

*We consider 0.1 to be a typical error in the b-value; therefore we use this value as a relative error in different branches of the logic tree. We have added this explanatory comment into the text.*

### 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

*SSHAC stands for the Senior Seismic Hazard Analysis Committee and the publication is included in the Reference list.*

*Wen et al. (2003) is a reference to a report (the typo of 2002 instead of 2003 was corrected), which was produced in 2003 and was available at: <http://mae.ce.uiuc.edu>. Besides, it was additionally indicated the file was accessed in 2013.*

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

*The typos in the references of Tyagunov et al have been corrected. The reference of Daniel and Wenzel has been added to the reference list.*

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

*The typo has been corrected.*

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

*The reference was relocated in accordance with the alphabetical order.*

*Many thanks.*