Correction to: A spectral-velocity-based combination-type earthquake intensity measure for super high-rise buildings

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The following changes are needed to demonstrate more clearly and precisely the use of sources in Eqs. (14), (15) and (17) in Sect. 6.2 Sufficiency of the original publication:

Position	Original	Revised
Before Eq. (14)	“Therefore, the equation can be simplified as”:	“Therefore, the equation can be simplified as (Jalayer et al. 2012)”:
Before Eq. (15)	“...with an average over a suite of n real ground motion records.”	“...with an average over a suite of n real ground motion records (Jalayer et al. 2012).”
Before Eq. (17)	“Hence, the RSM can approximately be expressed as”:	“The following can be understood on the basis of the conceptual framework of Jalayer et al. (2012) and was further clarified through a detailed derivation by Ebrahimian et al. (2015)”:

The original article can be found online at <https://doi.org/10.1007/s10518-017-0224-5>.

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These references have been listed in the references of the original online paper.

References

- Ebrahimian H, Jalayer F, Lucchini A, Mollaioli F, Manfredi G (2015) Preliminary ranking of alternative scalar and vector intensity measures of ground shaking. *Bull Earthq Eng* 13(10):2805–2840. <https://doi.org/10.1007/s10518-015-9755-9>
- Jalayer F, Beck JL, Zareian F (2012) Analyzing the sufficiency of alternative scalar and vector intensity measures of ground shaking based on information theory. *J Eng Mech* 138(3):307–316. [https://doi.org/10.1061/\(ASCE\)EM.1943-7889.0000327](https://doi.org/10.1061/(ASCE)EM.1943-7889.0000327)