

Review of: "Seismic intensity measure selection considering Record-to-Record and Angle-to-Angle uncertainties."

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Potential competing interests: No potential competing interests to declare.

The authors propose an interesting approach that expands Probabilistic PBEE in the domain of earthquake directionality. They make a valuable critical analysis, weighing and finding tradeoffs between GM record uncertainty and angle of attack. I suggest considering these two works regarding 1) IMs efficiency/sufficiency: Faggella, M., Barbosa, A. R., Conte, J. P., Spacone, E., & Restrepo, J. I. (2013). Probabilistic seismic response analysis of a 3-D reinforced concrete building. *Structural Safety*, 44, 11-27; and 2) Structure-specific susceptibility to earthquake angles: Faggella, M., Gigliotti, R., Mezzacapo, G., & Spacone, E. (2018). Graphic dynamic prediction of polarized earthquake incidence response for plan-irregular single-story buildings. *Bulletin of Earthquake Engineering*, 16, 4971-5001.