

## ***Interactive comment on “A Homogeneous Earthquake Catalogue for Turkey and Surrounding Region” by Onur Tan***

**Anonymous Referee #3**

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1. Earthquake catalog is an essential tool for seismology and seismology engineer. For seismic hazard analysis, in general, we convert the different magnitude scales to Mw (Harvard, CMT). How do you calculate the Mw\* ? What is the relation between Mw (Harvard, CMT) and Mw\* ?
2. After you convert the different magnitudes scale to Mw\*, how many events are the magnitudes equal to or great than 6.0 ?
3. As described as 2., how many events are the crust earthquakes ? mid-depth earthquakes ?
4. The Mc is closed related with seismic stations dense, how many seismic stations are installed within the Turkey country ?

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C1

Interactive comment on Nat. Hazards Earth Syst. Sci. Discuss., <https://doi.org/10.5194/nhess-2020-368, 2020>.

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