

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 M_w (Harvard, CMT). How do you calculate the M_w^* ? What is the relation between M_w (Harvard, CMT) and M_w^* ?
2. After you convert the different magnitudes scale to M_w^* , 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 M_c is closed related with seismic stations dense, how many seismic stations are installed within the Turkey country ?

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