

## ***Interactive comment on “TephraKam: Geochemical database of glass compositions in tephra and welded tuffs from the Kamchatka volcanic arc (NW Pacific)” by Maxim V. Portnyagin et al.***

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Thanks for this comment. 1) According to Wikipedia, "A database is an organized collection of data, generally stored and accessed electronically from a computer system." (<https://en.wikipedia.org/wiki/Database>). Our data collection satisfies this definition of a database. Moreover, the four tables in the *xlsx* file (volcanoes, samples, major elements and trace elements) are actually linked (related) using unique sample number and/or volcano name. In other words, if one changes, for example, the age of sample in "Samples" spreadsheet, the age will be automatically changed in tables with major

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and trace elements. All interlinked cells are identified in the database structure description. 2) On the other hand, this is correct that our data collection is not constructed as typical relation database. Our goal was to make the files as friendly for potential users as possible. Therefore, we provided the tables in MS Excel format, not in special format of database or on web. Depending on the editor's decision, we can change description of this data collection to as "dataset"; this is not very important for us "database" or "dataset".

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