

Interactive comment on “Global whole-rock geochemical database compilation” by Matthew Gard et al.

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Excellent contribution to the earth science community, should be widely used. A couple of suggestions to improve the paper:

1) p4, line 10. Indicate isotopic dating method (U/Pb zircon, Sm/Nd garnet, Rb/Sr whole rock, $^{40}\text{Ar}/^{39}\text{Ar}$ mica etc). 2) Add uncertainties to isotopic ages 3) Do you include detrital zircon ages? If so they should be reported separately from igneous zircon ages.

p8 Data availability Investigators should be able to download specific parts of the geochemical database, by sorting before download (such as mafic igneous rocks, detrital sediments, tonalities > 2.5 Ga etc.)

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