

Solid Earth Discuss., referee comment RC1
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Comment on se-2021-109

Anonymous Referee #1

Referee comment on "Multi-disciplinary characterizations of the Bedretto Lab - a new underground geoscience research facility" by Xiaodong Ma et al., Solid Earth Discuss., <https://doi.org/10.5194/se-2021-109-RC1>, 2021

This is a well-written and complete summary of the geology and geomechanics of the Bedretto Underground lab. I have no major suggestions, as the writing is clear, and references are available where additional information is needed. A few very small corrections are suggested. This paper will be cited many times.

Line 43 Clarify what "latter" refers to.

Line 104. It looks like the FURKA tunnel is horseshoe-shaped, not the Bedretto Tunnel.

Line 200 Replace "have been" with were.

Line 300 Add a space after "space".

Line 333 Define "characteristic response time"