

***Interactive comment on “Quantifying the impact of the structural uncertainty on the gross rock volume in the Lubina and Montanazo oil fields (Western Mediterranean)” by Carla Patricia Bárbara et al.***

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Dear Alexander Schaaf,

We much appreciate your revision of our manuscript. We have considered your constructive comments and suggestions to try to clarify and improve the manuscript, especially in relation with the parametrization of the stochastic model. We have addressed all the specific comments in the detailed response that will be uploaded, where we also specify the changes made in the manuscript. We hope that the revision

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made gives enough detailed to the methodology for the uncertainty modeling, and addresses the important points raised.

Please also note the supplement to this comment:

<https://www.solid-earth-discuss.net/se-2019-64/se-2019-64-AC2-supplement.pdf>

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Interactive comment on Solid Earth Discuss., <https://doi.org/10.5194/se-2019-64>, 2019.

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