

Responses to Remarks from the typesetter:

TS1 Please give an explanation for the title change after acceptance of the paper. We have to ask the handling editor for approval. Thanks.

We have revised the manuscript title to better reflect the methodology and contributions of our work. The new title is: "Automated stratigraphic interpretation from drillhole lithological descriptions with uncertainty quantification: litho2strat 1.0".

This change addresses several important clarifications:

1. The term "recovery" in the original title was ambiguous, as it could suggest that stratigraphic data already exists within drillhole databases and is merely being extracted. In reality, our method *calculates* stratigraphic interpretations from lithological descriptions using a statistical framework, rather than recovering pre-existing stratigraphic information.
2. The new title explicitly mentions "lithological descriptions" to specify the type of drillhole data used, as drillhole databases can contain various data types (geochemical, geophysical, structural, etc.). This clarification is important for readers to understand the scope and applicability of our method.
3. The revised title more accurately conveys the *automated* nature of our approach, which is a key contribution of the work.
4. It explicitly highlights *uncertainty quantification* as a central feature of the methodology, which was somewhat obscured in the phrase "associated uncertainties" in the original title.

We believe these changes make the title more precise and informative for potential readers while maintaining accuracy regarding the scientific content of the manuscript.