How to find what you don’t know
Visualising variability in 3D geological models

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(A) We use two, a ‘kinematic’ modeller, Noddy
an ‘implicit’ modeller, 3D Geomodeller™

A model that looks like our target geology, what a relief!  

BUT
the input data contains uncertainty...

SO there are many possible realisations for any given data-set • I give you a single, or...

(C) Uncertainty visualisation methods

Information entropy is used to rank the likelihood of the input data being correct...

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CAN WE EFFECTIVELY COMMUNICATE THE COMPLEXITY OF THE MODEL SPACE?

The probability of a stratigraphic unit at a given location, for...


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