



Supplement of

Incorporating interpretation uncertainties from deterministic 3D hydrostratigraphic models in groundwater models

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S1. Convergence of predictions

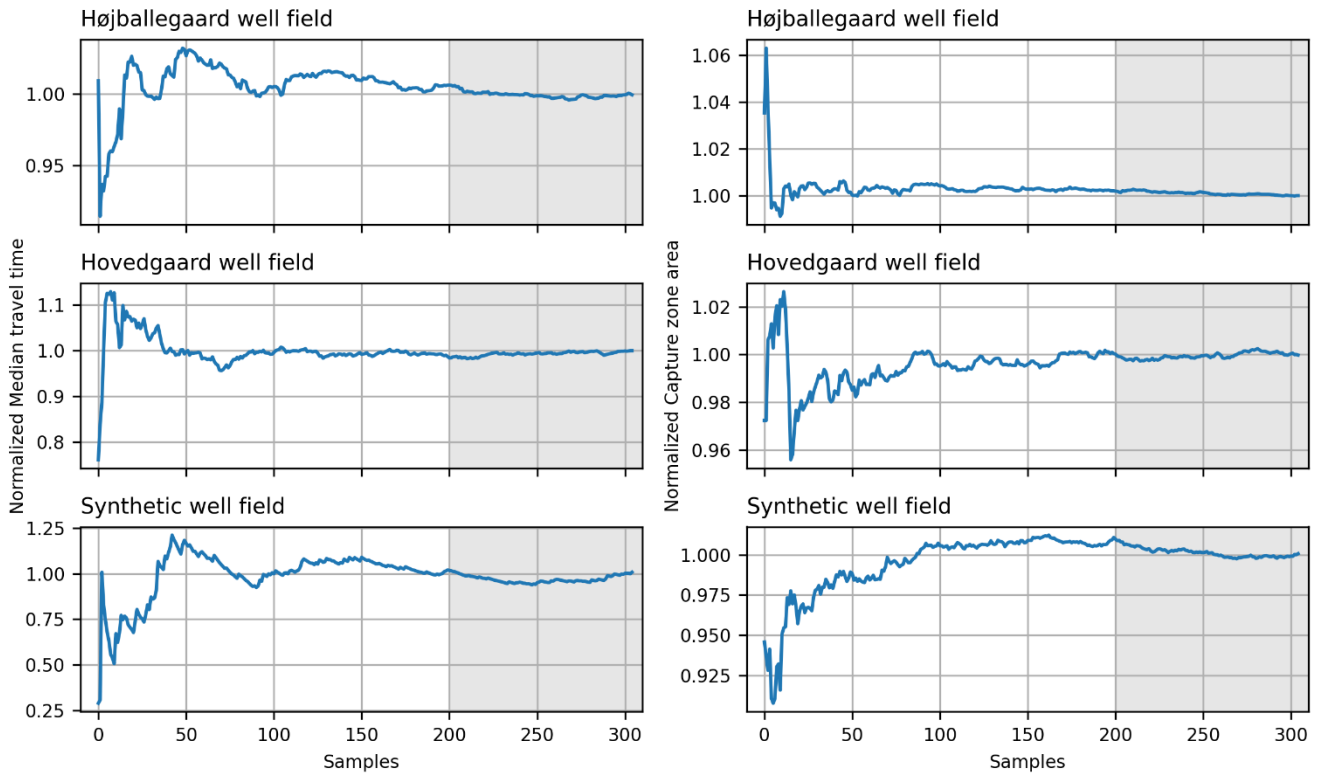


Figure S1: Normalized running mean of predictions recharge area and median travel time across samples of groundwater model parameters applying the manual interpretation model. The predictions are assumed to be converged after 200 samples.

5 S2. Posterior parameter distributions Manual Interpretation model

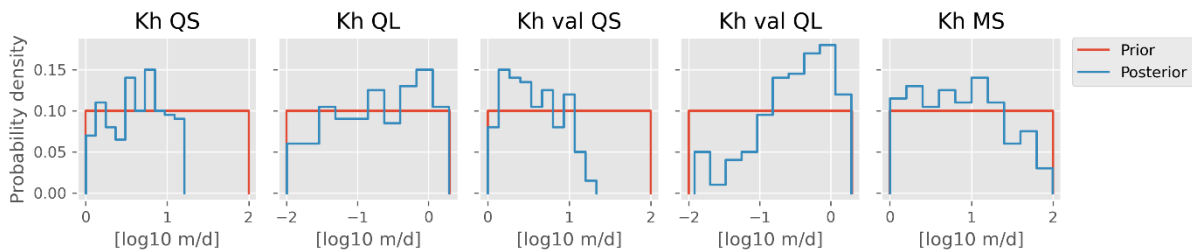
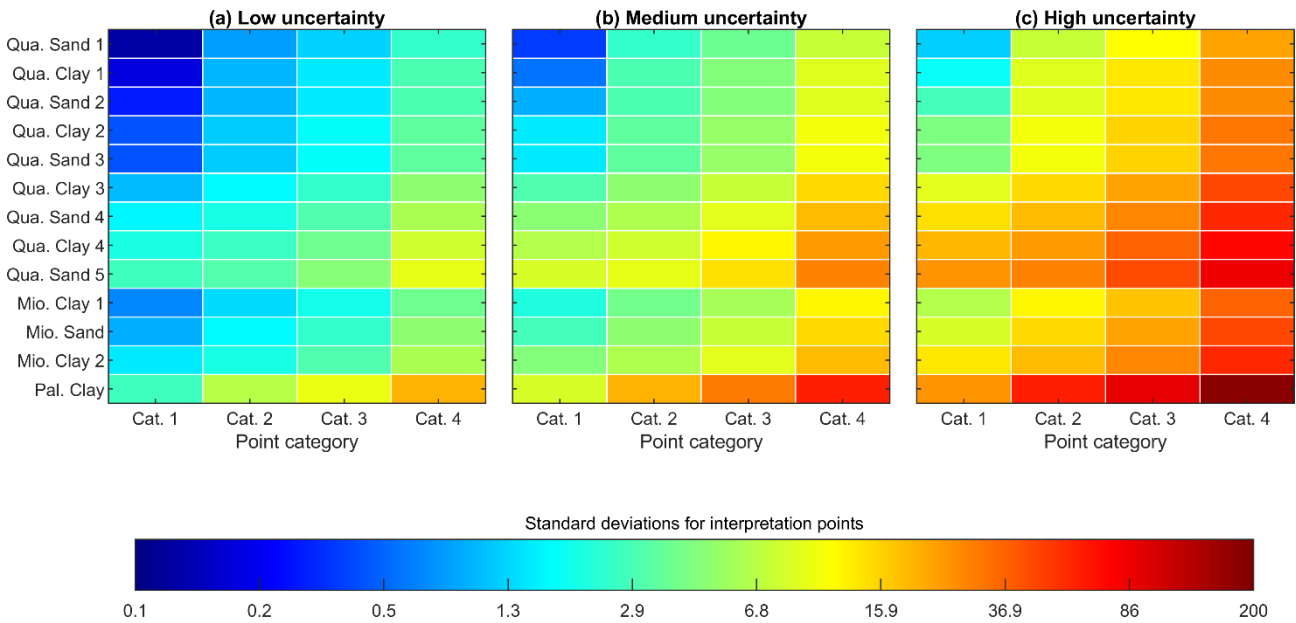


Figure S2: Posterior parameter distributions of the Manual Interpretation model, which is applied in all other geologic realizations.

S3. Standard variation of interpretation points



10 **Figure S3: Standard variation of interpretation points depending on uncertainty scenario (subplots), model layer (y-axis) and qualitative uncertainty category assigned to the interpretation point (x-axis).**