Elastic wavefield tomography with probabilistic constraints

CWP
Center for Wave Phenomena

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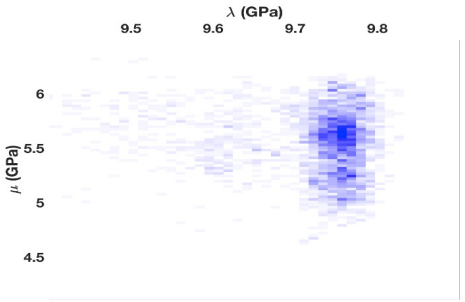
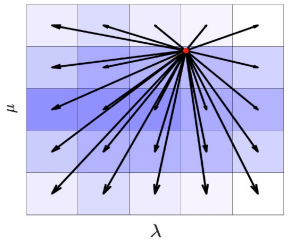
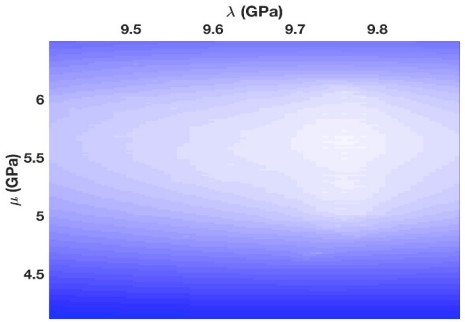
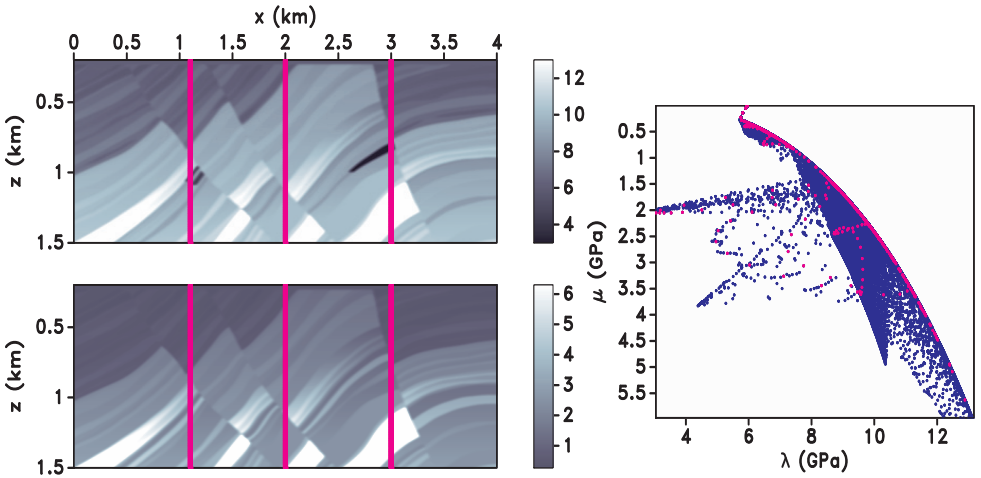


Model PDF in the parameter space.

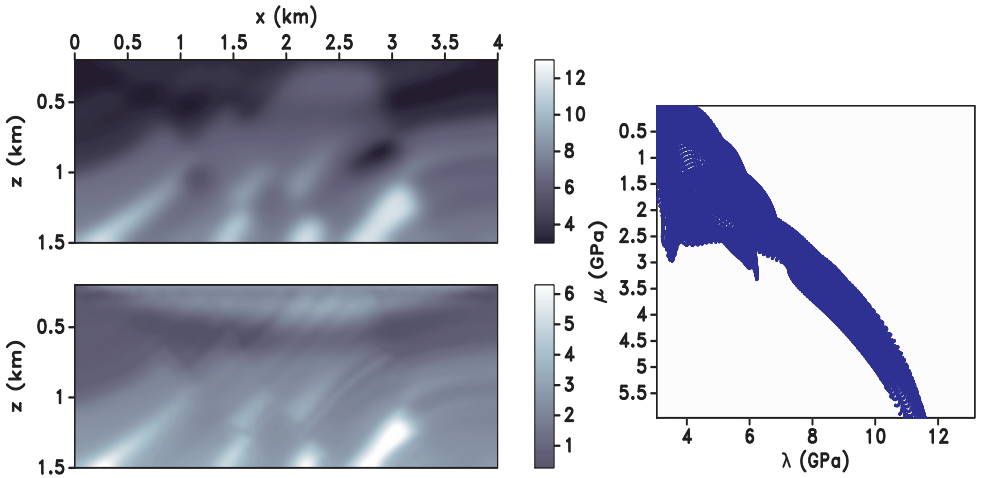




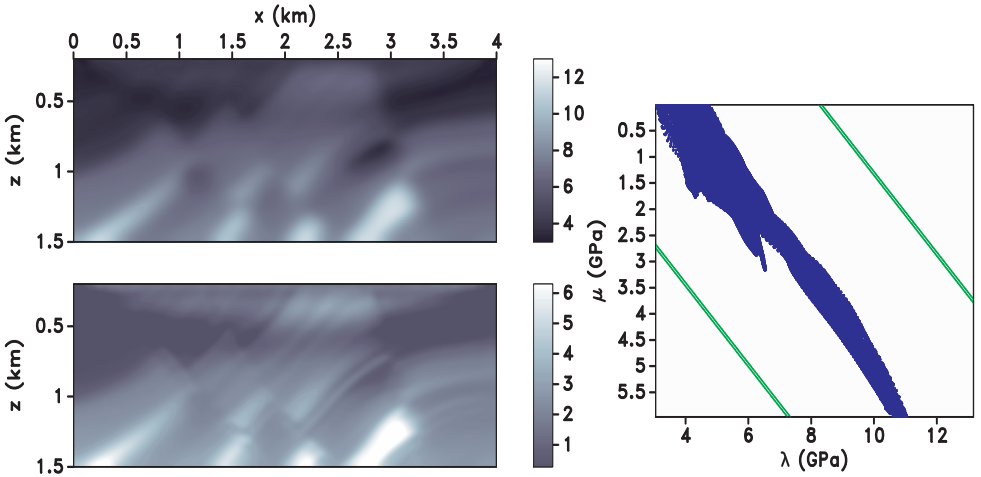
Probabilistic constraint term.



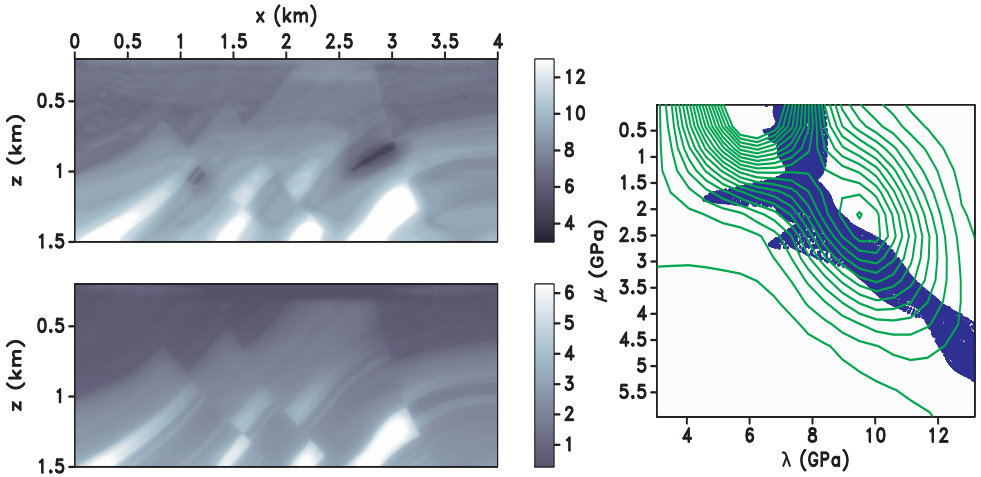
Lame´ parameters λ (top) and μ (bottom) from the Marmousi II model (right) and the crossplot in λ − μ space.



Inverted models using the objective functions without constraints and the crossplot in λ − μ space.



Inverted models using the objective functions with logarithmic barrier constraints and the crossplot in λ − μ space



Inverted models using the objective functions with probabilistic constraints and the crossplot in λ − μ space.