Bayesian inversion

Paul Sava

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Colorado School of Mines
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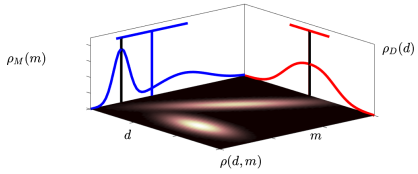
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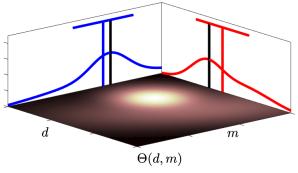
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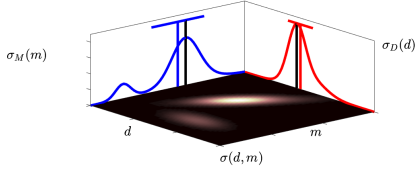
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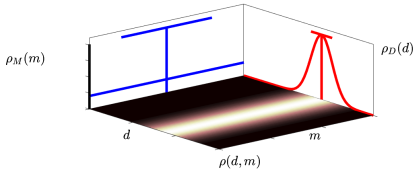
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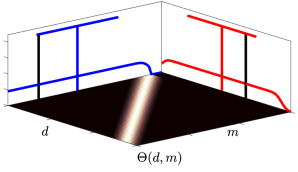
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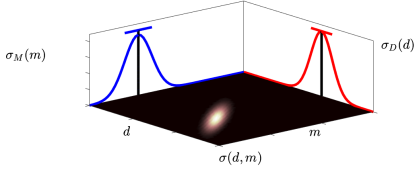
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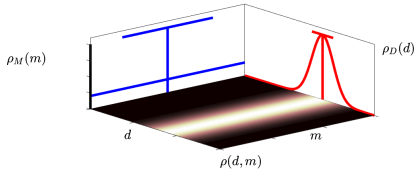
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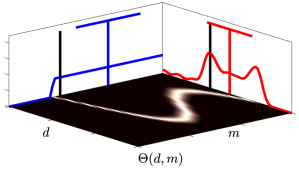
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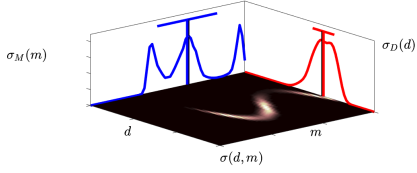
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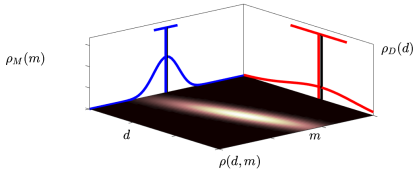
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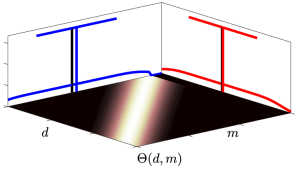
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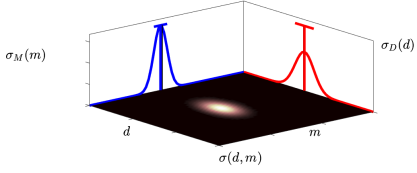
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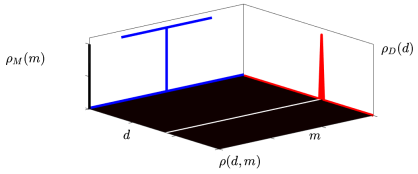
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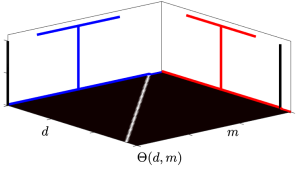
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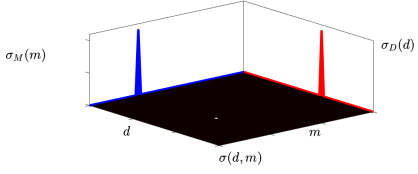
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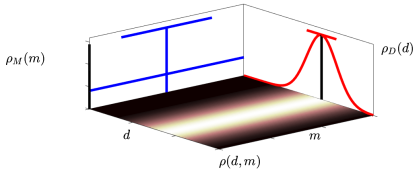
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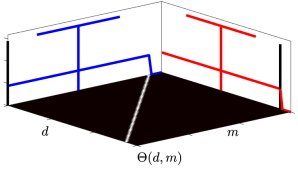
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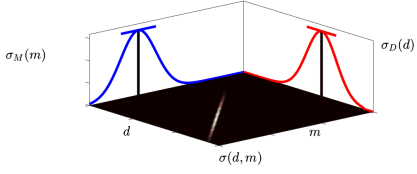
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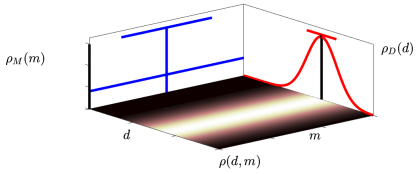
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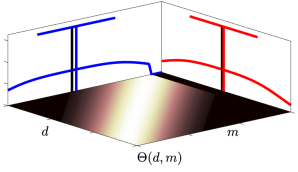
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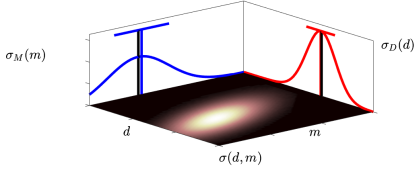
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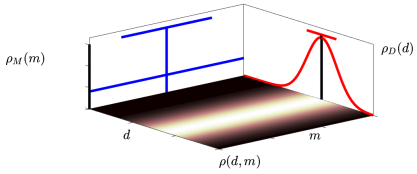
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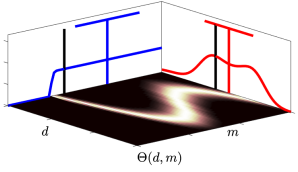
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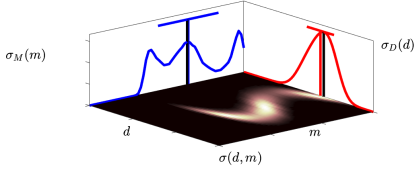
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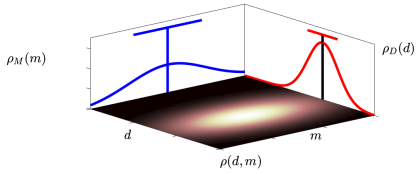
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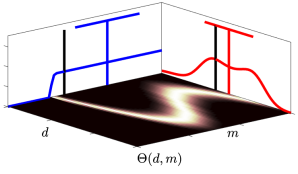
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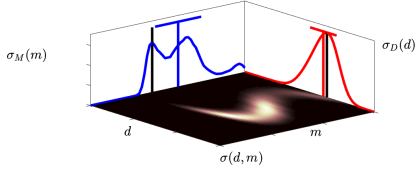
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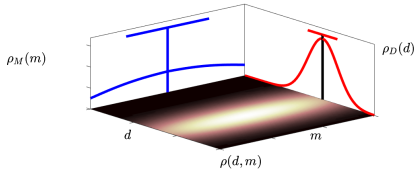
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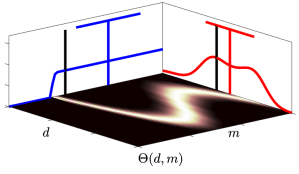
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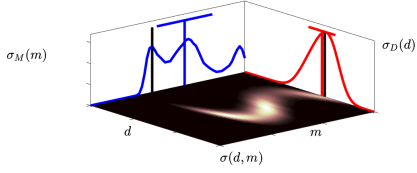
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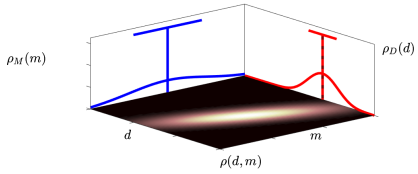
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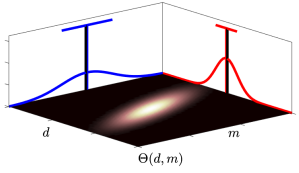
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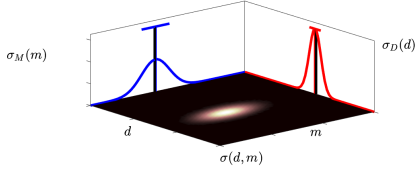
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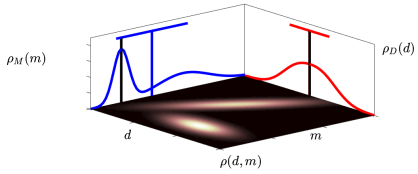
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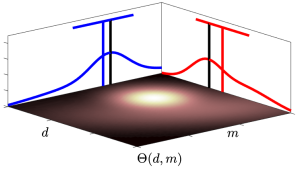
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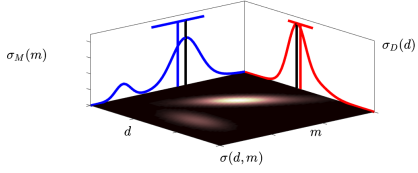
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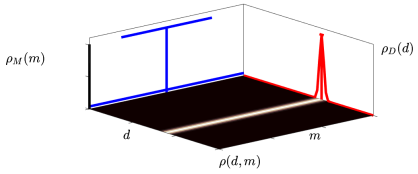
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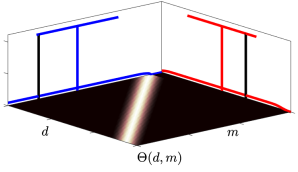
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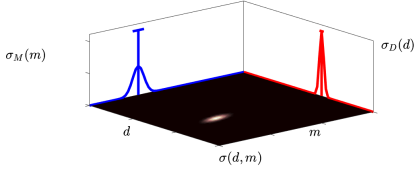
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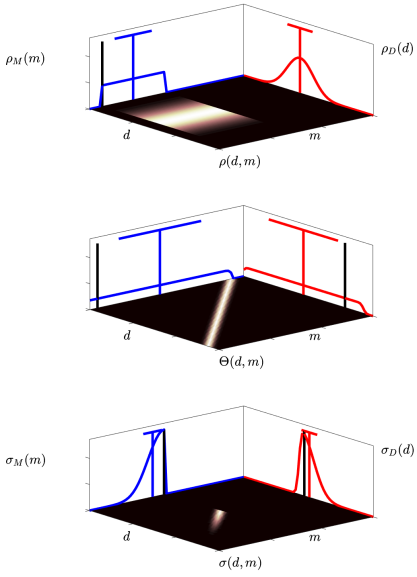
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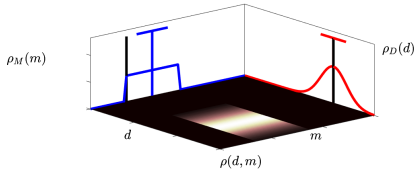
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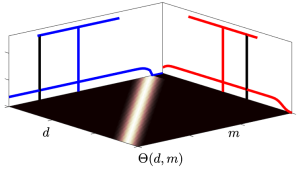
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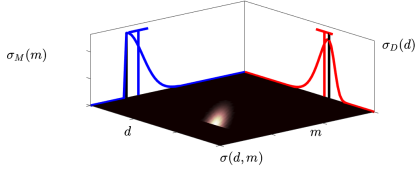
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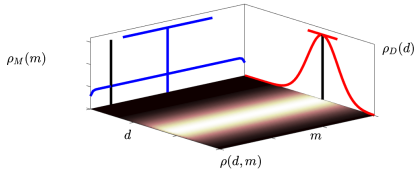
control of solution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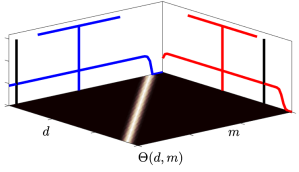
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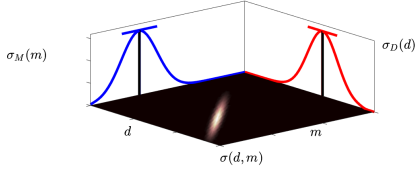
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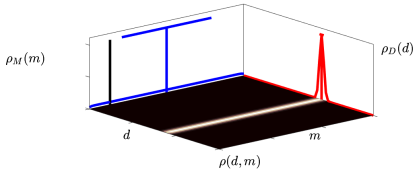
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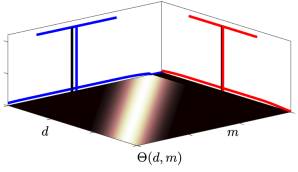
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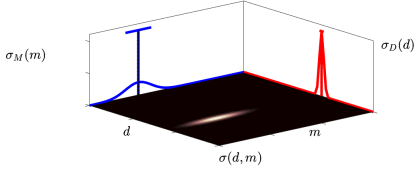
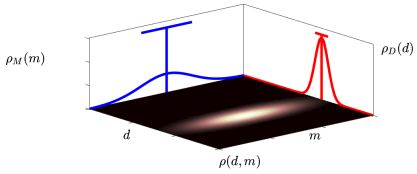
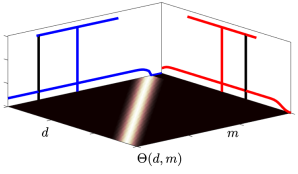
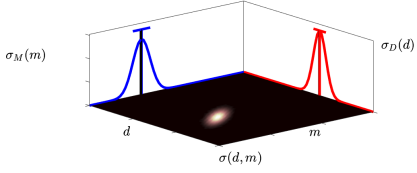
m
$\Theta(d,m)$

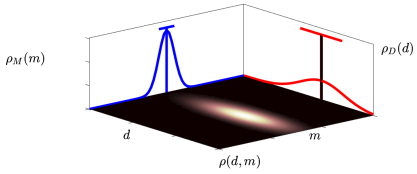

$\sigma_M(m)$
$\sigma_D(d)$
d
m
$\sigma(d,m)$

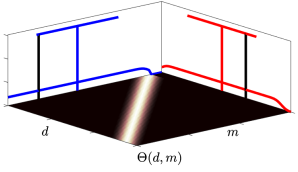
sensitivity to prior

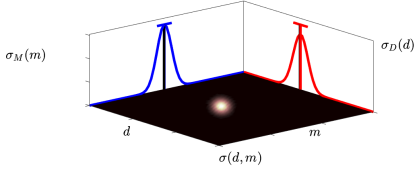

$\rho_M(m)$
$\rho_D(d)$
d
m
$\rho(d,m)$


d
m
$\Theta(d,m)$


$\sigma_M(m)$
$\sigma_D(d)$
d
m
$\sigma(d,m)$


$\rho_M(m)$
$\rho_D(d)$
d
m
$\rho(d,m)$


d
m
$\Theta(d,m)$


$\sigma_M(m)$
$\sigma_D(d)$
d
m
$\sigma(d,m)$