

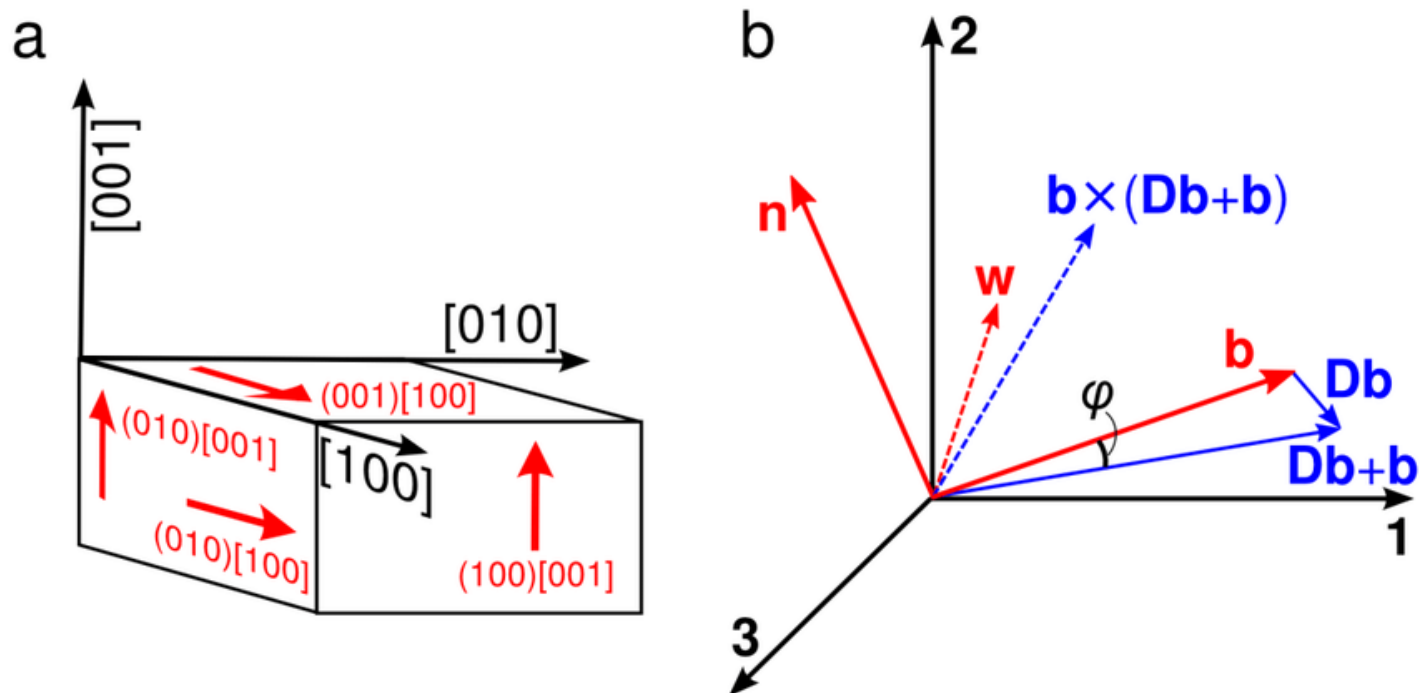
6 Figures



Viscous anisotropy of textured olivine aggregates, Part 2: Micromechanical model

Article · Sep 2016 · Journal of Geophysical Research: Solid Earth

Recommend publication



Figure

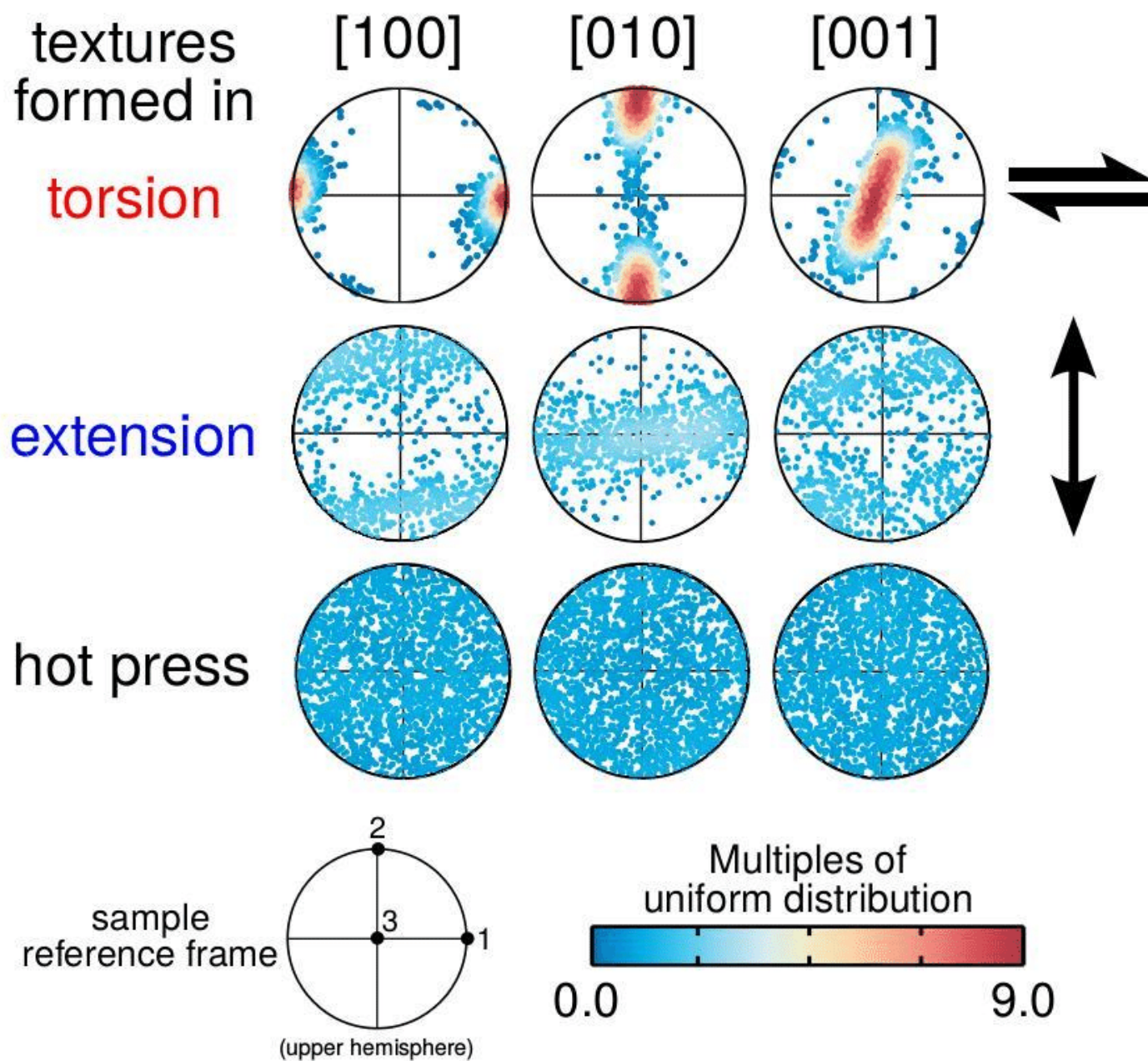
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Caption

Figure 1: (a) Schematic diagram of the four olivine slip systems considered in this study in the crystallographic

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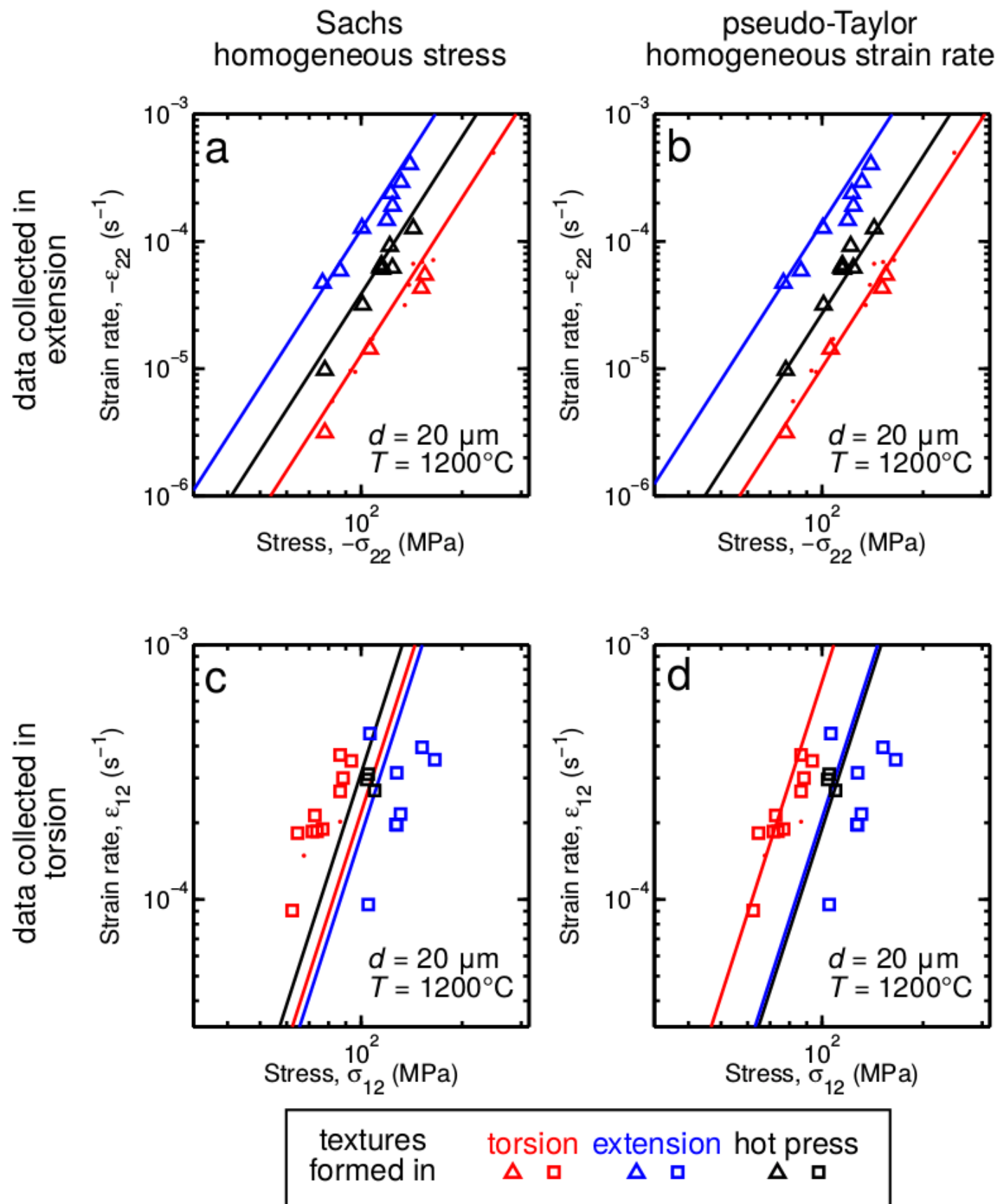
Figure

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Caption

Figure 2: Representative textures from the data sets of Hansen et al. [2014, 2016] for samples formed by hot



Figure

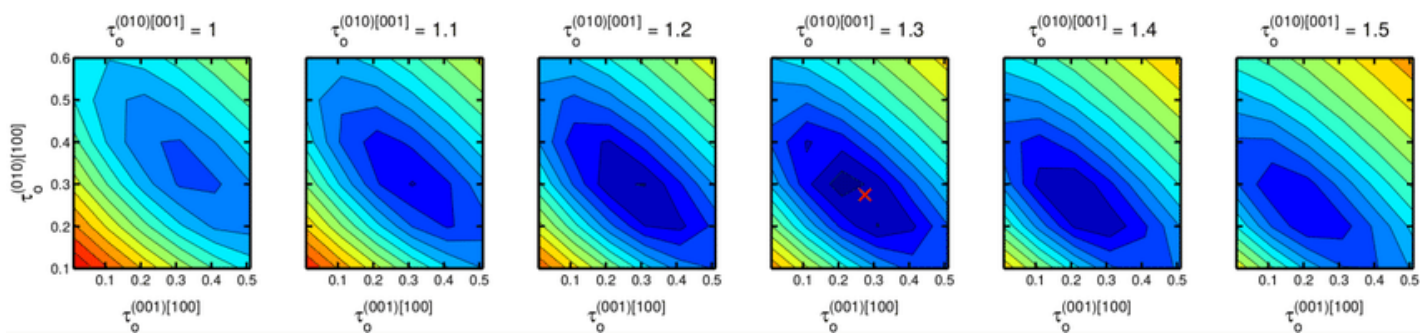
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Figure 3: Mechanical data compared to predictions from the mechanical model.
Individual data points come

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Figure

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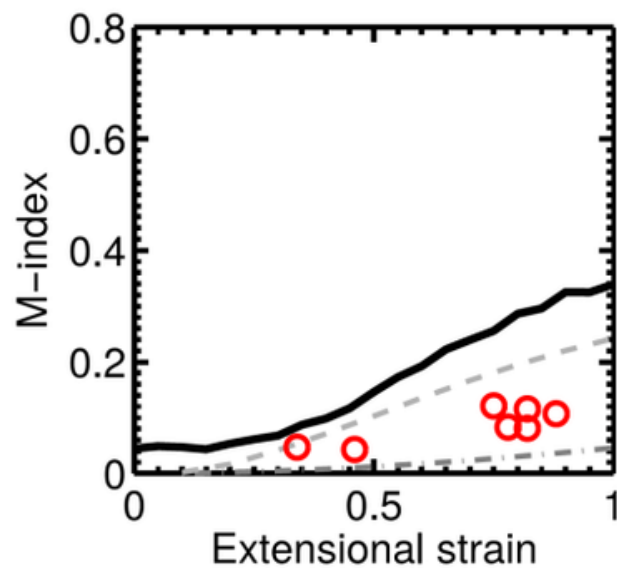
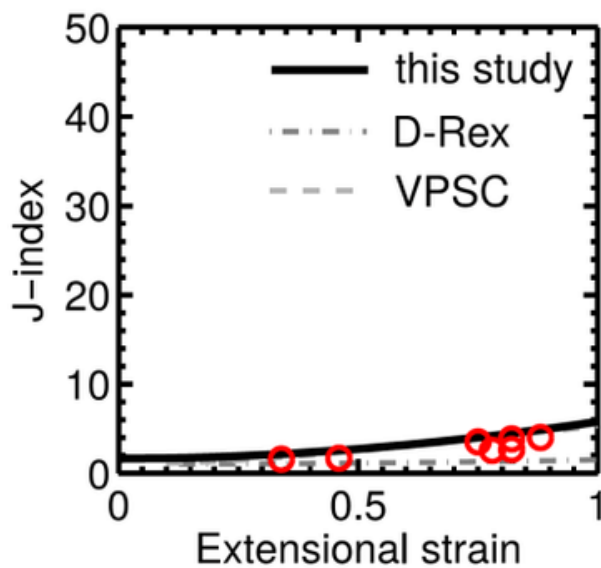
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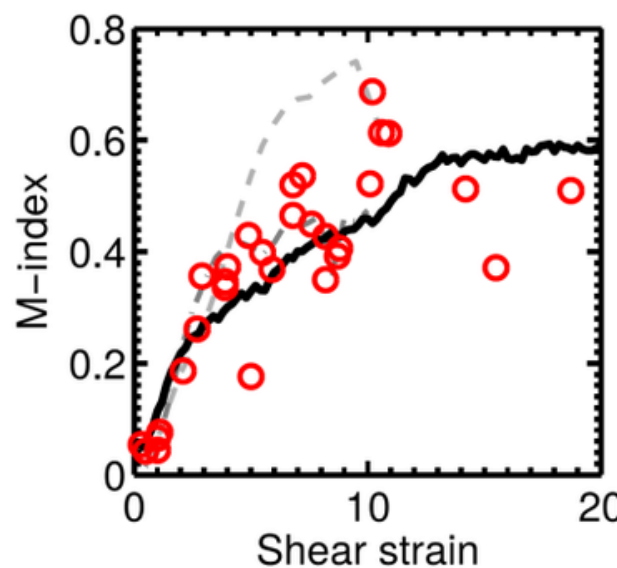
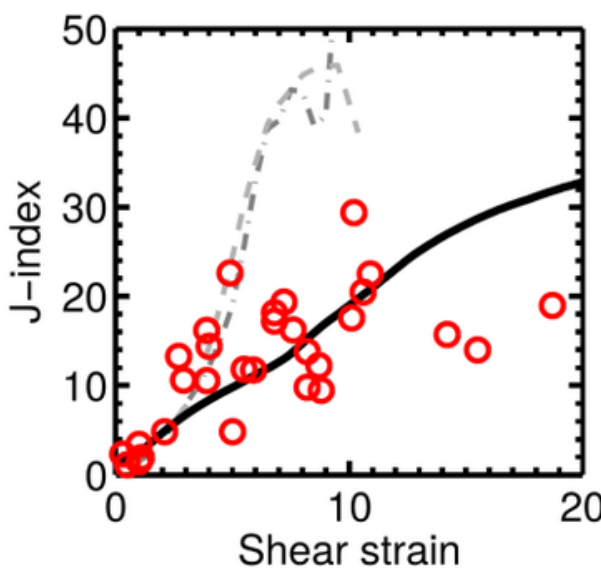
Figure 4: Sensitivity testing of the mechanical model to variations in the
relative strengths of the three active

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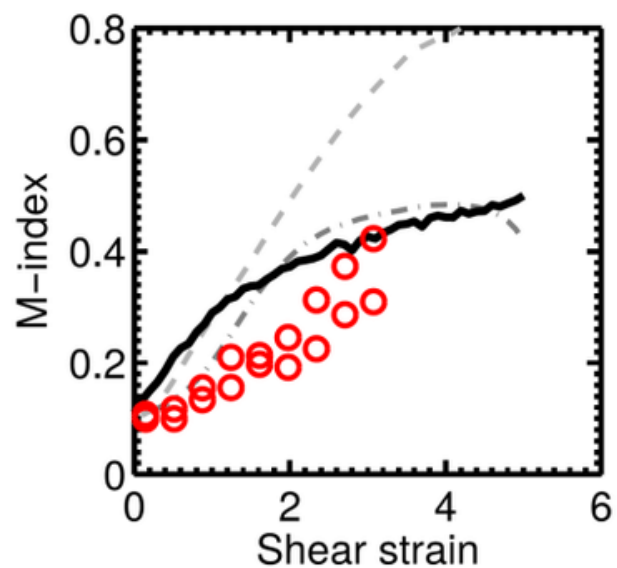
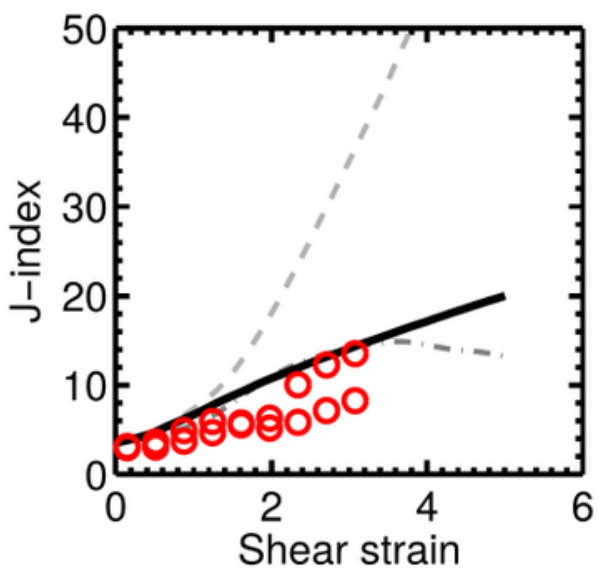
Extension
this study, Part 1



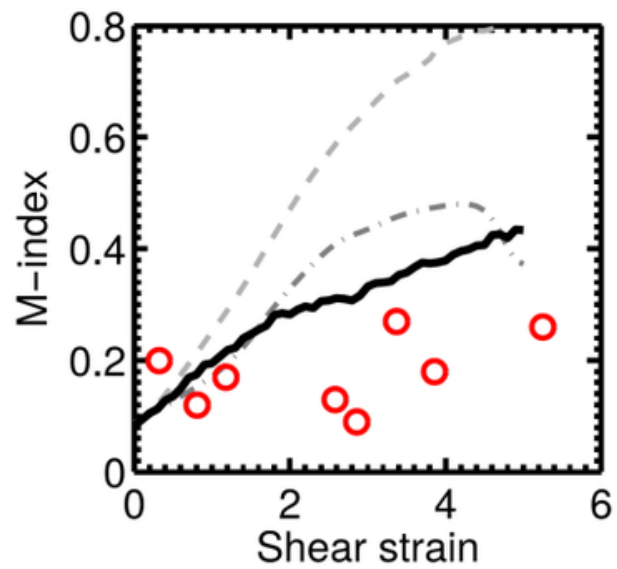
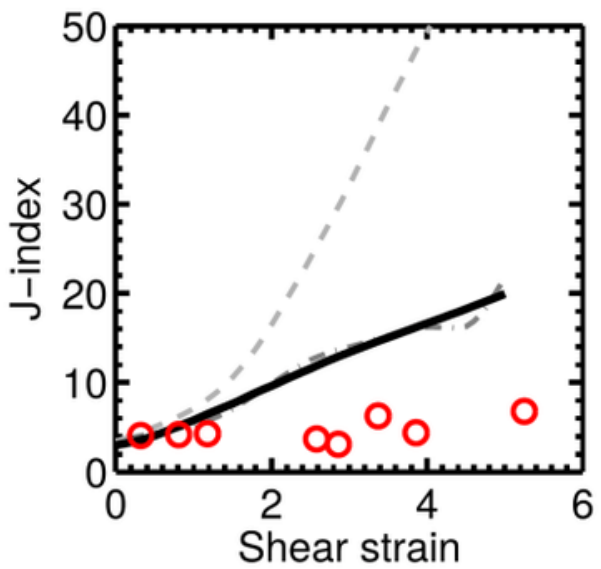
Torsion
Hansen et al. (2014)



Torsion post extension
This study, Part 1



Josephine peridotite
Hansen and Warren (2015)



Figure

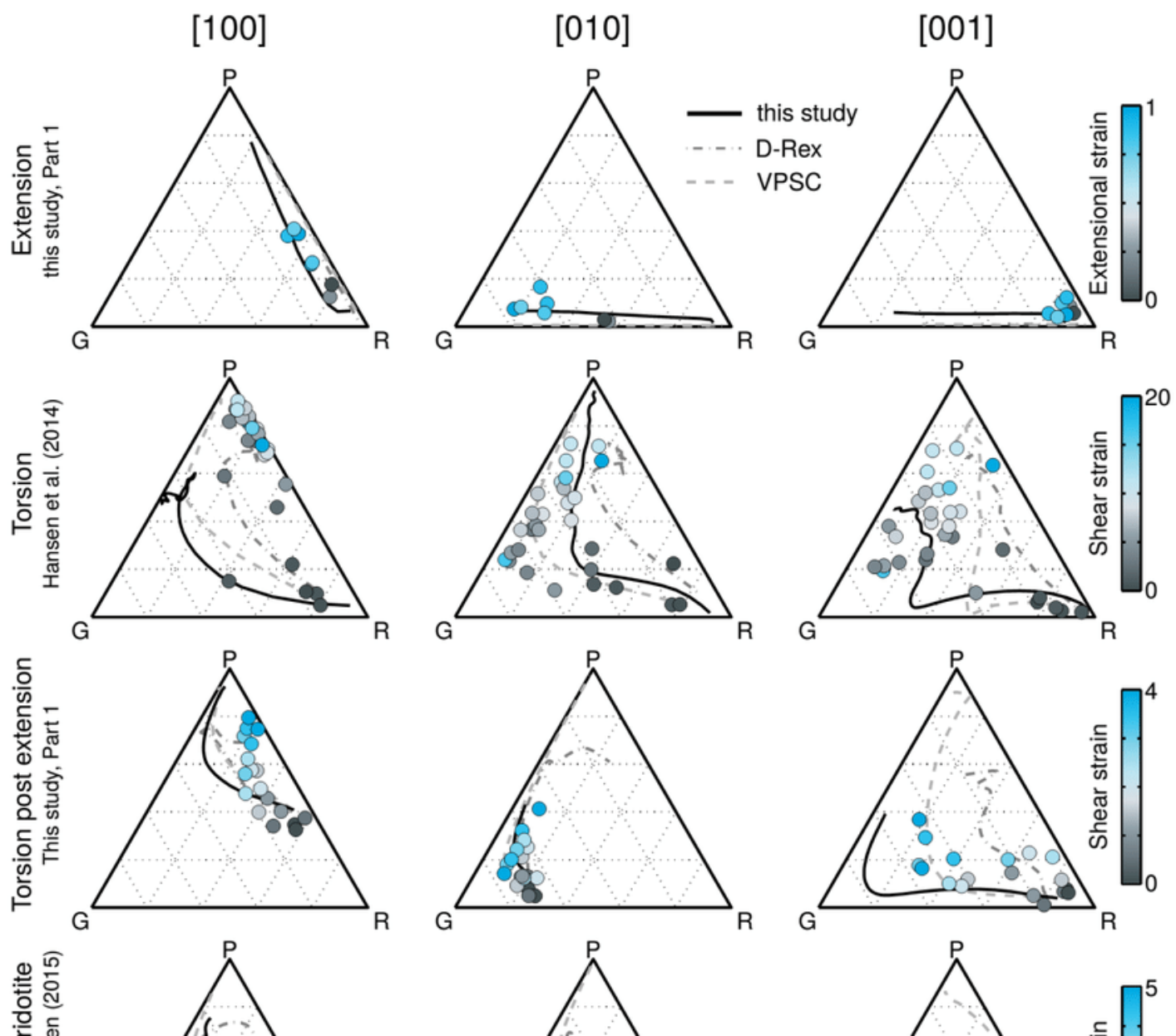
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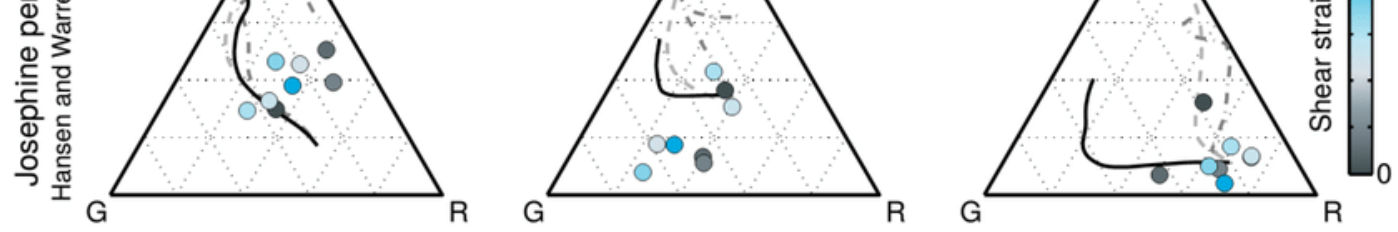
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Caption

Figure 7: Comparison of texture strength from deformation experiments (circles) and numerical simulations

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Figure

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Caption

Figure 9: Comparison of texture shape from deformation experiments (circles) and numerical simulations

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