



Supplementary material: Analogue model of rift linkage and inversion with application to the Western Alps

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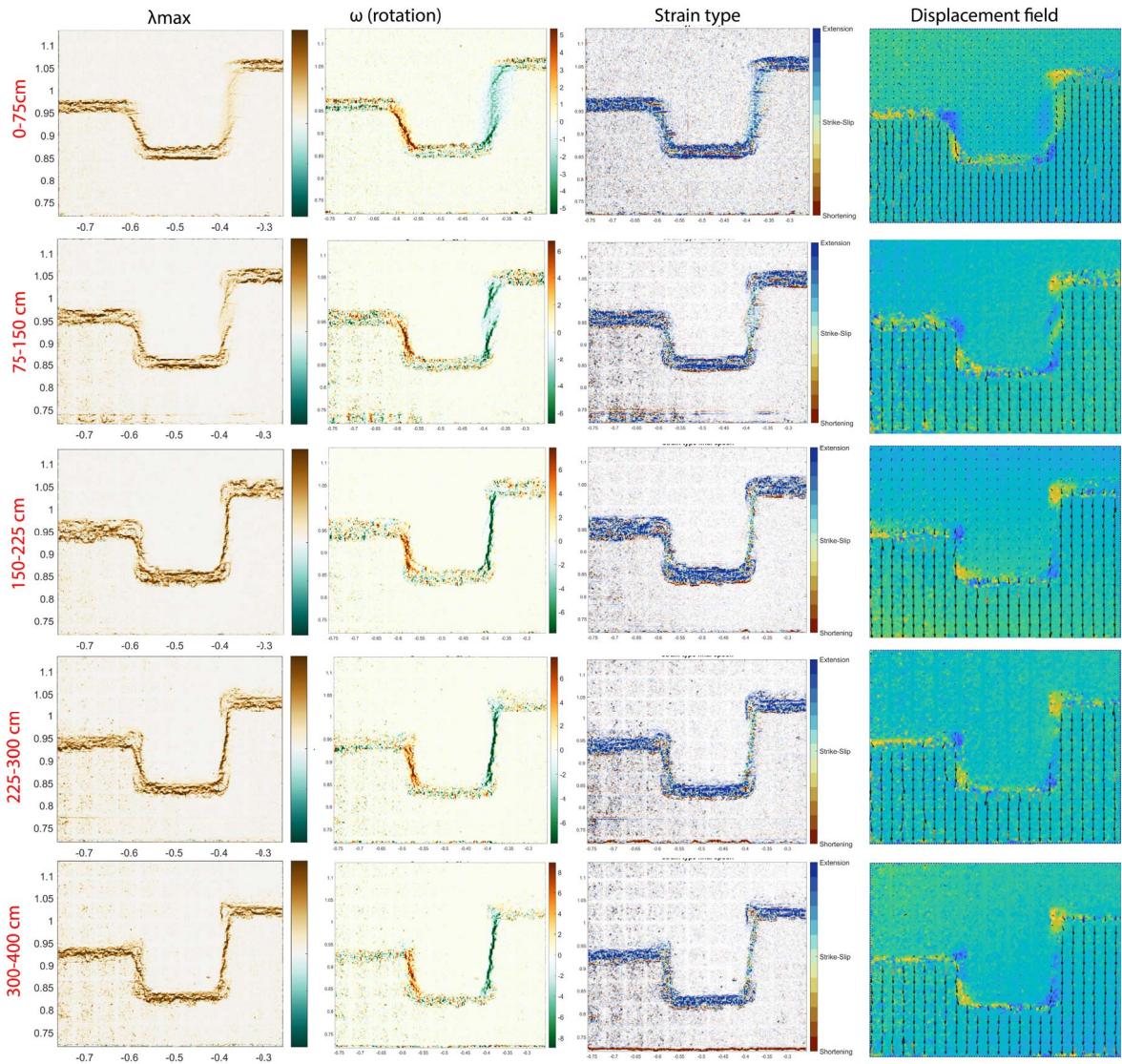
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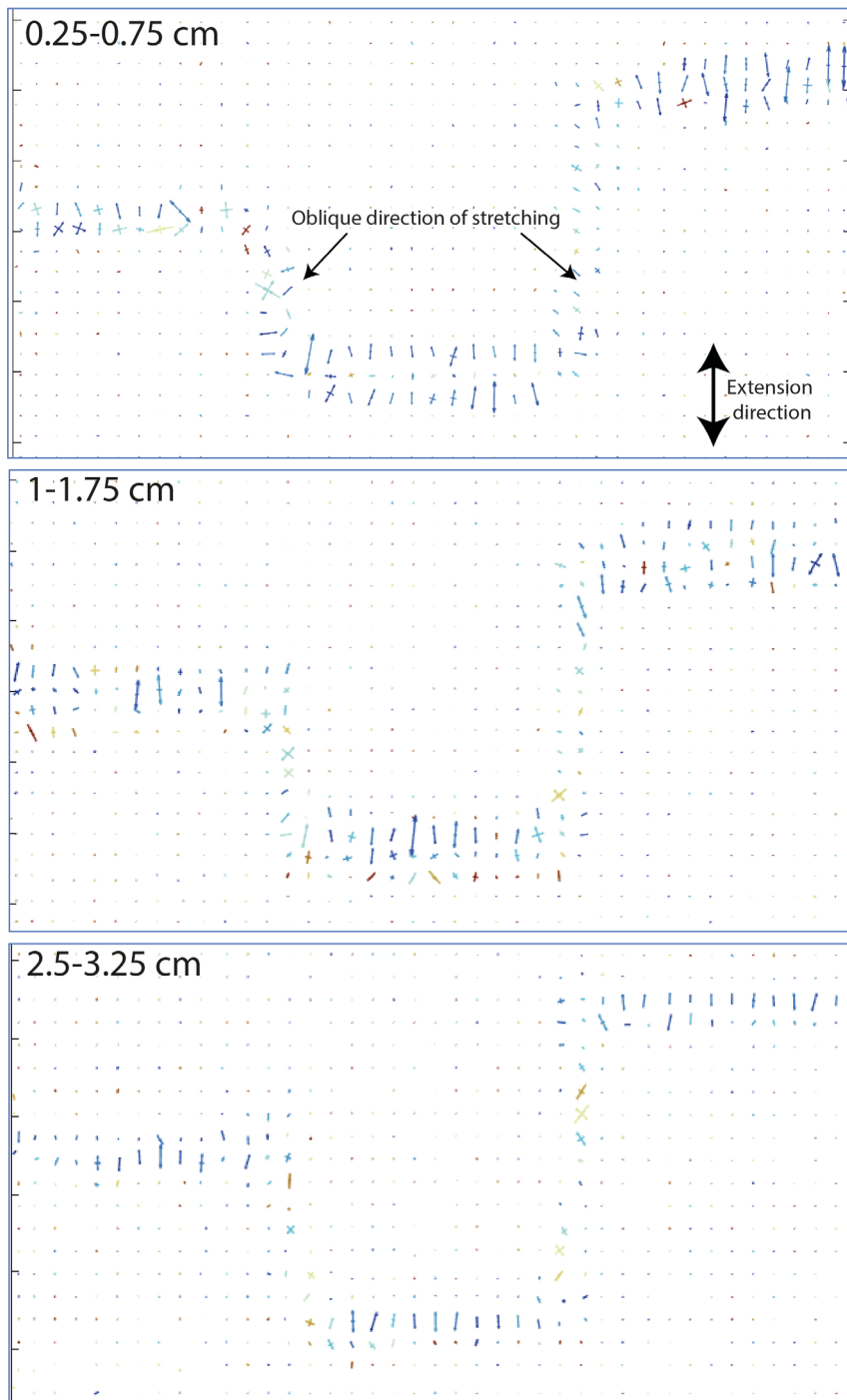
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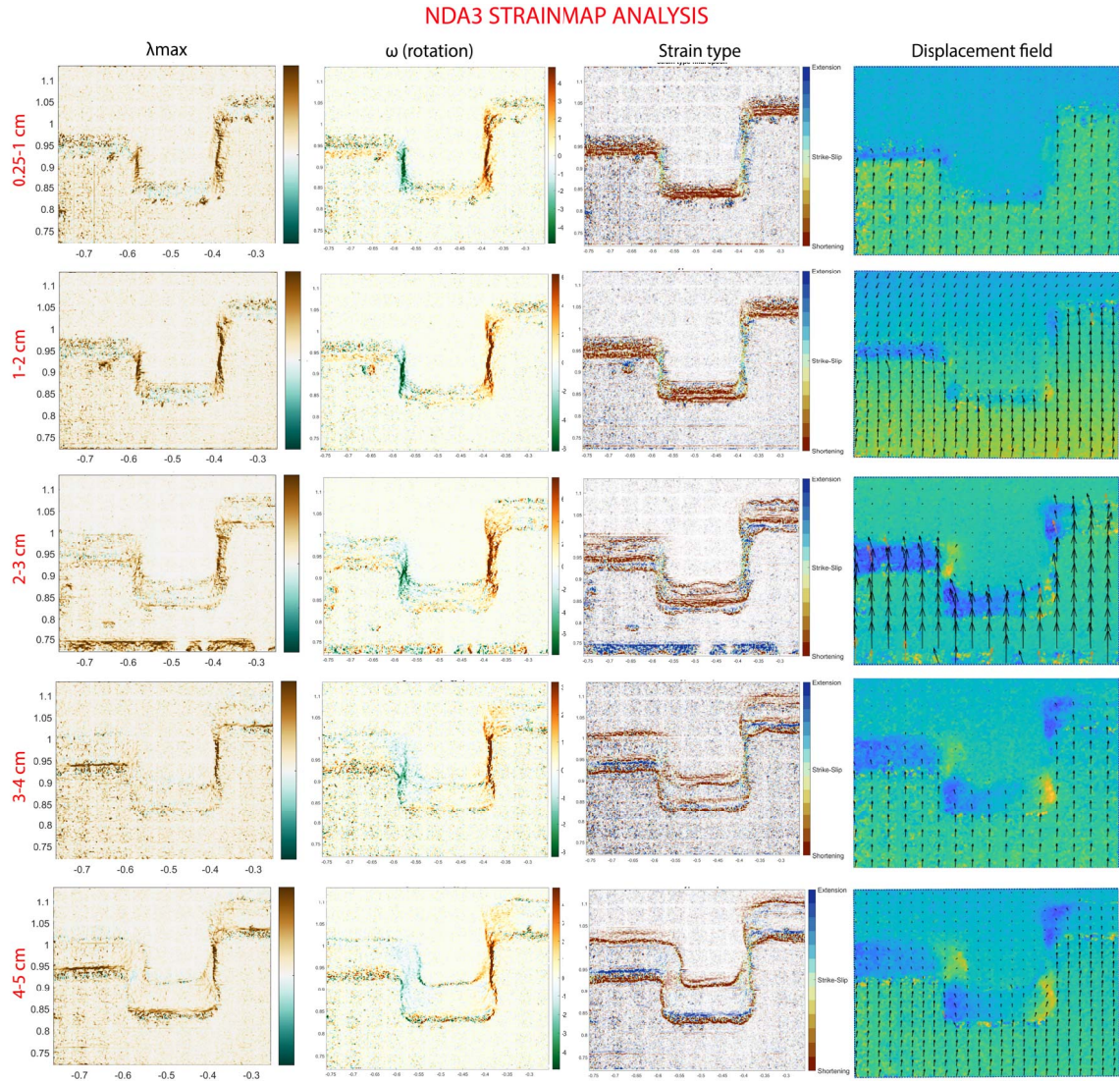
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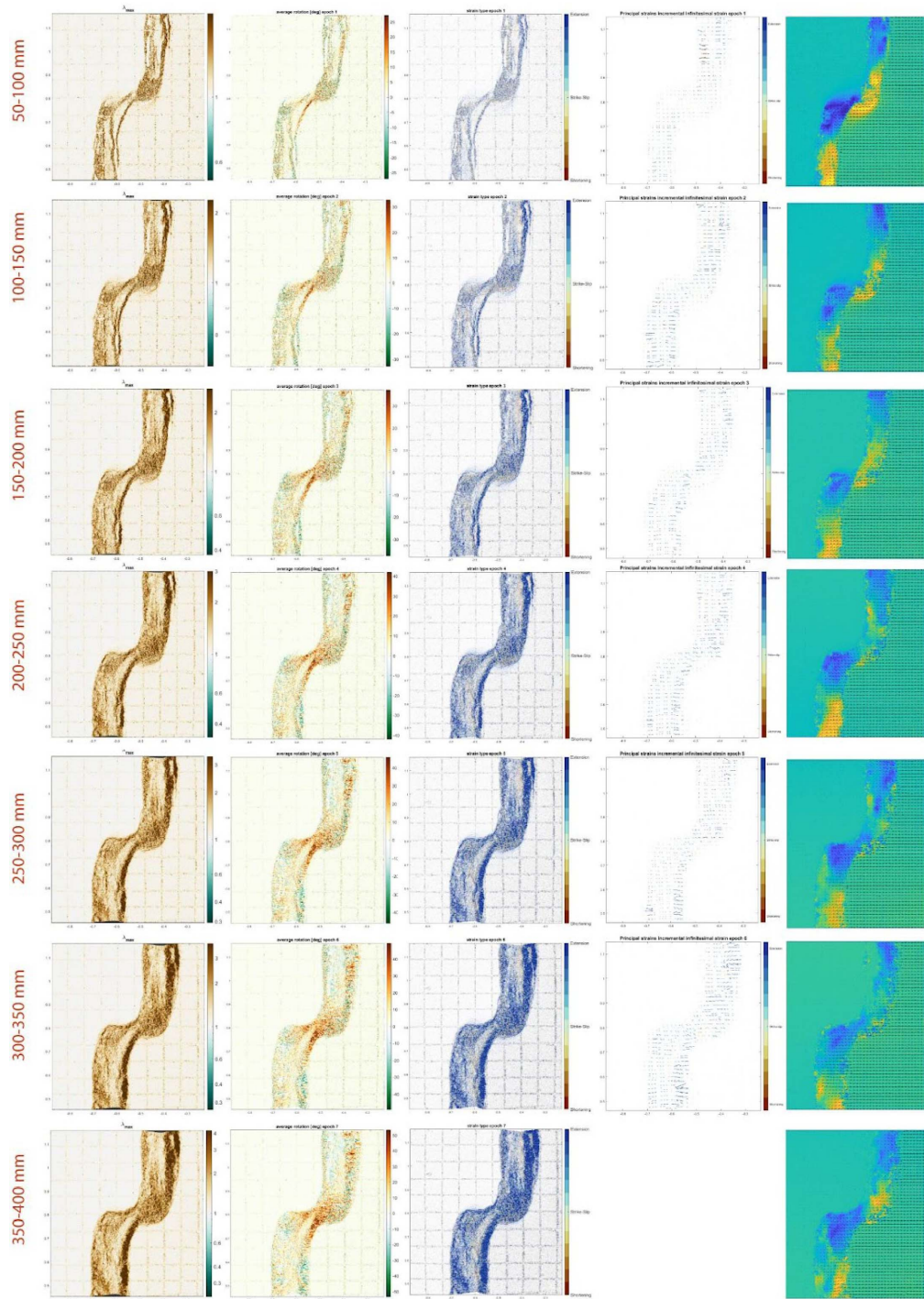


Supplementary Figure S2. Stretching direction of the model NDA3 during extension from StrainMap.

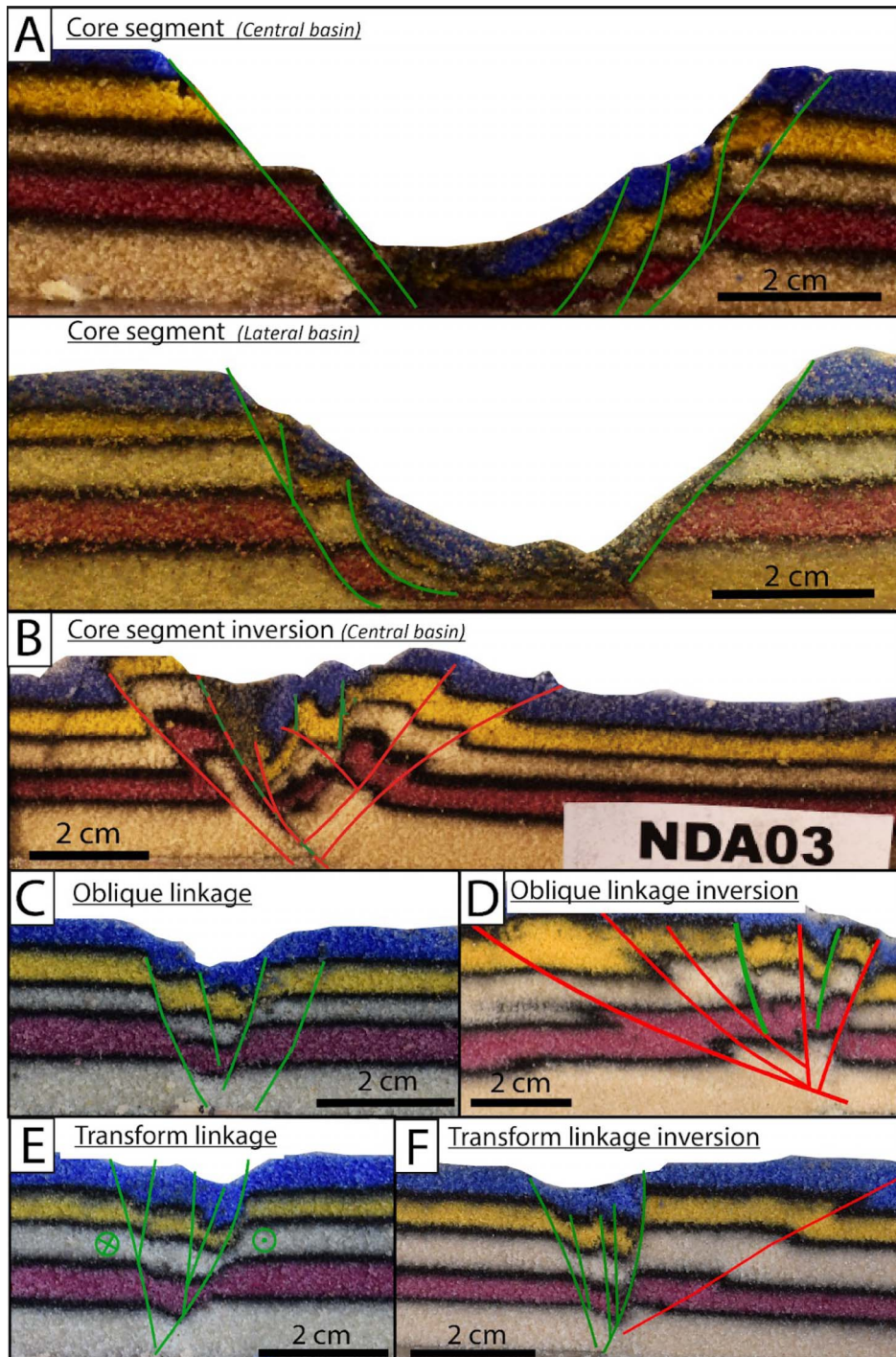


Supplementary Figure S3. Strain Map analysis of NDA3 during inversion showing the λ_{\max} , the rotation (ω) and the strain type associated with the PIVLab displacement field.

NDA1 - STRAIN MAP ANALYSIS



Supplementary Figure S4. Strain Map analysis of NDA1 during inversion showing the λ_{max} , the rotation (ω), the strain type, the stretching directions associated with the PIVLab displacement field.



Supplementary Figure S5. Cross sections after a 4 cm extension (panels A, C, E, experiment NDA02) and after a 5 cm inversion (panels B, D, F, experiment NDA03). The cross sections were cut at similar locations and the difference between the two cross sections of the same pair is assumed to represent the evolution during inversion. Green: faults active during extension; red: faults active during shortening; light green: reactivated faults. Numbers represent the time sequence of fault activation. Pair A and B: cross sections in core segments; pair C and D: cross sections in the middle of the strongly-oblique linkage; pair E and F: cross sections in the middle of the transfer linkage.