

## Sample 1, multiple day repeatability

Cartilage unconfined compression. Full tests (with 30 min hold). No ramps before and after preconditioning. 5-10-15 % strain at 20%/s. 1000 preconditioning cycles at 2hz (10-15% strain). PBS used instead of saline, all protocols were already updated before test started, cartilage strip thawed 3 times so far.

(Indenter positions: preconditioning, stress relaxation)

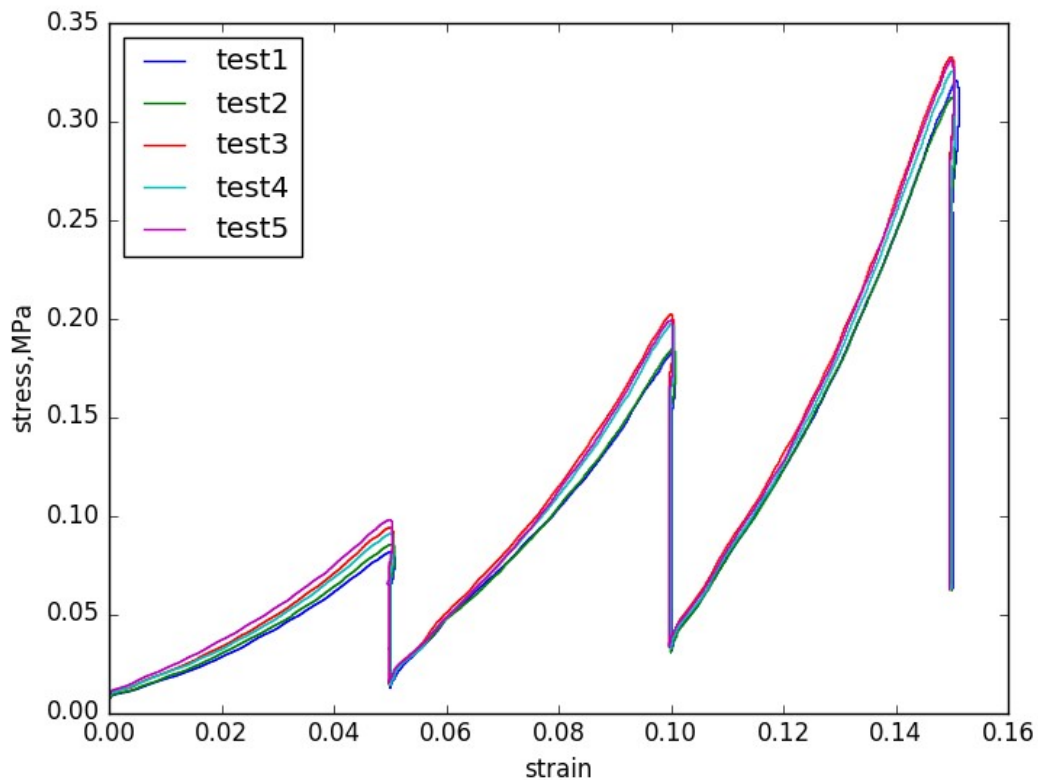
Day1: oks00TR6-TBC-MCXX-03-01: thickness:1.877 mm. 01 indenter positions:48.8765, 48.9210

Day2: oks00TR6-TBC-MCXX-03-02: thickness:1.840 mm. 02 indenter positions:73.0555, 73.0845

Day3: oks00TR6-TBC-MCXX-03-03: thickness:1.855 mm. 03 indenter positions:86.0240, 86.0535

Day4: oks00TR6-TBC-MCXX-03-04: thickness:1.84 mm. 04 indenter positions:30.0985, 30.1305

Day5: oks00TR6-TBC-MCXX-03-05: thickness:1.845 mm. 05 indenter positions:24.493, 24.5230



## Sample 2, multiple day repeatability

Cartilage unconfined compression. Full tests (with 30 min hold). No ramps before and after preconditioning. 5-10-15 % strain at 20%/s. 1000 preconditioning cycles at 2hz (10-15% strain). PBS used instead of saline, all protocols were already updated before test started, cartilage strip thawed 3 times so far.

(Indentor positions: preconditioning, stress relaxation)

Day1: oks00TR6-TBC-MCXX-04-01: thickness:1.936 mm. 01 indentor positions:48.8320, 48.9130

Day2: oks00TR6-TBC-MCXX-04-02: thickness: 1.927 mm. 02 indentor positions:72.9840, 73.0775

Day3: oks00TR6-TBC-MCXX-04-03: thickness:1.905 mm. 03 indentor positions:85.9540, 86.029

Day4: oks00TR6-TBC-MCXX-04-04: thickness: 1.94 mm. 04 indentor positions:30.0445, 30.1135

Day5: oks00TR6-TBC-MCXX-04-05: thickness: 1.90 mm. 05 indentor positions:24.4375, 24.5090

