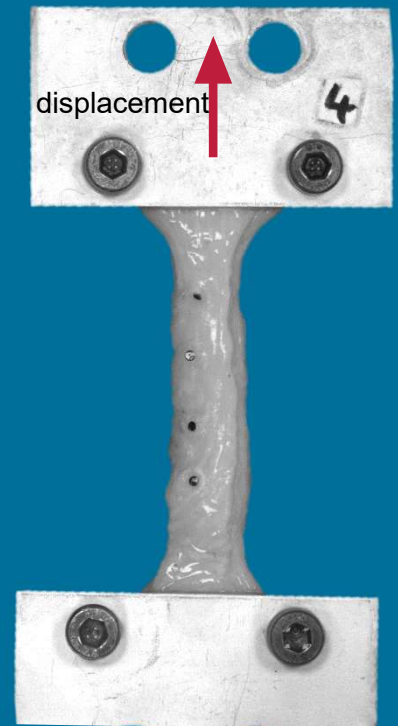
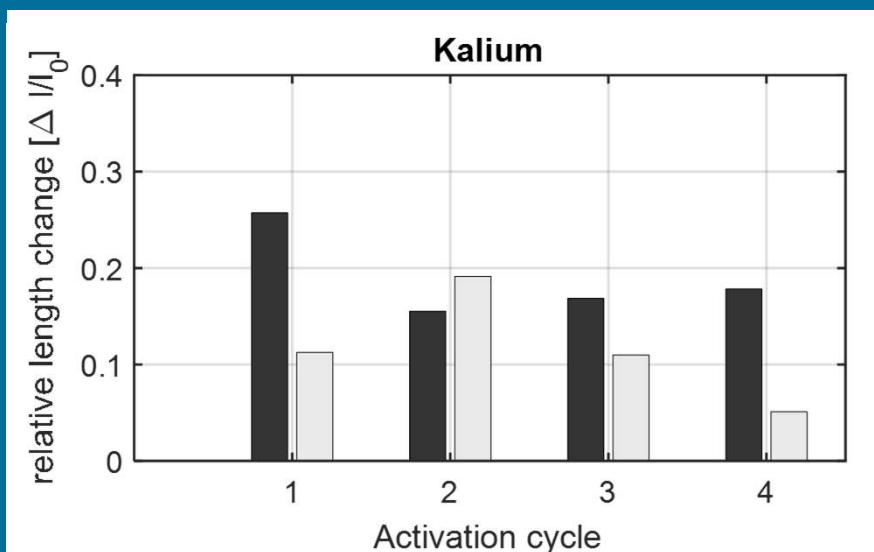


# Defining a reference state of the urinary bladder considering structural and biological effects

Proposed Bachelor thesis / student research paper



In this thesis, the urinary bladder is analyzed in uniaxial and creep experiments. The mechanical data is used to compare fresh, chemically contracted and mechanically loaded samples.

The project involves the following main work packages:

- Literature research
- Tension test on fresh, activated and pre-conditioned samples
- Creep experiments to identify steady states
- Statistical analysis of the mechanical data