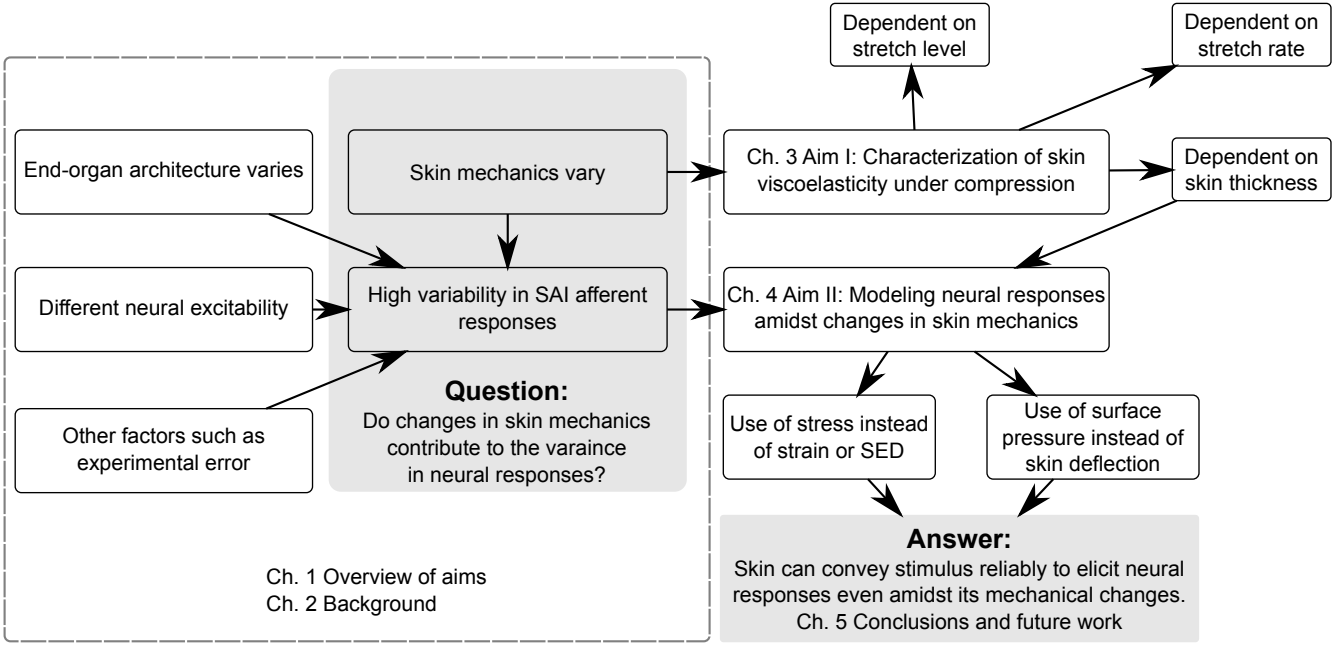
Dependent on stretch level
Dependent on stretch rate
End-organ architecture varies
Skin mechanics vary
Ch. 3 Aim I: Characterization of skin viscoelasticity under compression
Dependent on skin thickness
Different neural excitability
High variability in SAI afferent responses
Ch. 4 Aim II: Modeling neural responses amidst changes in skin mechanics
Question:
Do changes in skin mechanics contribute to the varaince in neural responses?
Other factors such as experimental error
Use of stress instead of strain or SED
Use of surface pressure instead of skin deflection
Answer:
Skin can convey stimulus reliably to elicit neural responses even amidst its mechanical changes.
Ch. 5 Conclusions and future work
Ch. 1 Overview of aims
Ch. 2 Background