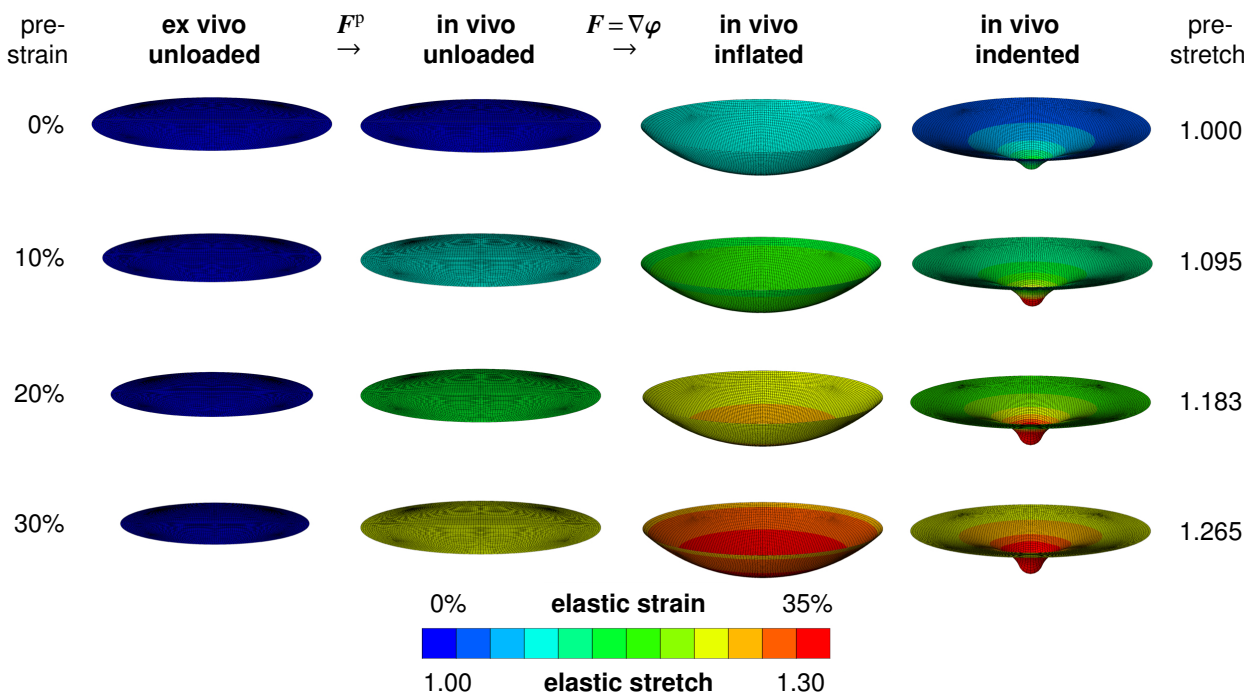
pre-strain
ex vivo unloaded
F^p →
in vivo unloaded
$F = \nabla\varphi$ →
in vivo inflated
in vivo indented
pre-stretch
0%
1.000
10%
1.095
20%
1.183
30%
1.265
0%
elastic strain
35%
1.00
elastic stretch
1.30