



Figure E1. End-diastolic fiber (A) and cross-fiber (B) stress. Notice the scale is one tenth of that in **Figures 3C** and **4C**. * $P < .05$ plication versus sham. **BZ**, Border zone.

TABLE E1. Material properties

Animal	C	b_f	b_t	b_{fs}	Scale T_{max}
305	0.045	26.828	19.325	21.604	130%
356	1.300	9.200	2.000	9.250	115%
357	0.300	33.535	16.909	21.604	85%
363	0.800	6.500	2.000	25.900	65%
109	0.500	9.500	2.000	25.900	85%
346	0.363	9.200	2.000	25.900	80%
Mean \pm SD	0.5 ± 0.4	15.8 ± 11.4	7.4 ± 8.4	21.7 ± 6.4	$79\% \pm 19\%$

SD, Standard deviation. C = 0.290, b_f = 33.17, and b_t = 41.56 in the aneurysm; b_{fs} was constant across all regions. T_{max} was reduced by one half in the border zone.