



**Additional Figure 3: Paw printing results in the sham, 1 mm, and 2 mm groups under the condition of 3 m/s.**

(A-D) Paw printing length, width, and maximum contact area in the left forefoot (LF; A), left hindfoot (LH; B), right forefoot (RF; C), and right hindpaw (RH; D). Sham,  $n = 8$ ; 1 mm (3 m/s),  $n = 8$ ; 2 mm (3 m/s),  $n = 6$ ; 1 mm (4 m/s),  $n = 8$ ; 2 mm (4 m/s),  $n = 6$ ; 1 mm (5 m/s),  $n = 8$ ; 2 mm (5 m/s),  $n = 7$ . The data are expressed as mean  $\pm$  SEM.  $**P < 0.01$ ,  $***P < 0.001$ ,  $****P < 0.0001$  (one-way analysis of variance followed by Tukey's multiple comparisons test).