



**Additional Figure 9 Paw printing results in the sham, 1 mm, and 2 mm groups under the condition of 5 m/s.**

(A-D) The statistical results of 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 < 0.05, \*\*P < 0.01, \*\*\*P < 0.001, \*\*\*\*P < 0.0001 (one-way analysis of variance followed by Tukey's multiple comparisons test).