Figure S9. Subgroup analysis by sex: the effect of upper abdominal incision (“Incision” group) vs. sham incision (“Sham” group) on ventilatory parameters (Protocol C). (A-E): Ventilatory parameters measured using the whole-body plethysmography system included minute ventilation (B), breathing frequency (C), tidal volume (D), inspiratory-to-expiratory time ratio (I:E ratio; E), and expiratory flow at 50% expired volume (EF50; F). (G): Body weight measured throughout the experimental period. Data are presented as median with interquartile range. Sample sizes are given in (A). *P < 0.05; **P < 0.01; ***P < 0.001 vs. Baseline by Friedman test followed by post hoc Dunn’s multiple comparison tests. BL = baseline.