

FIG. 1

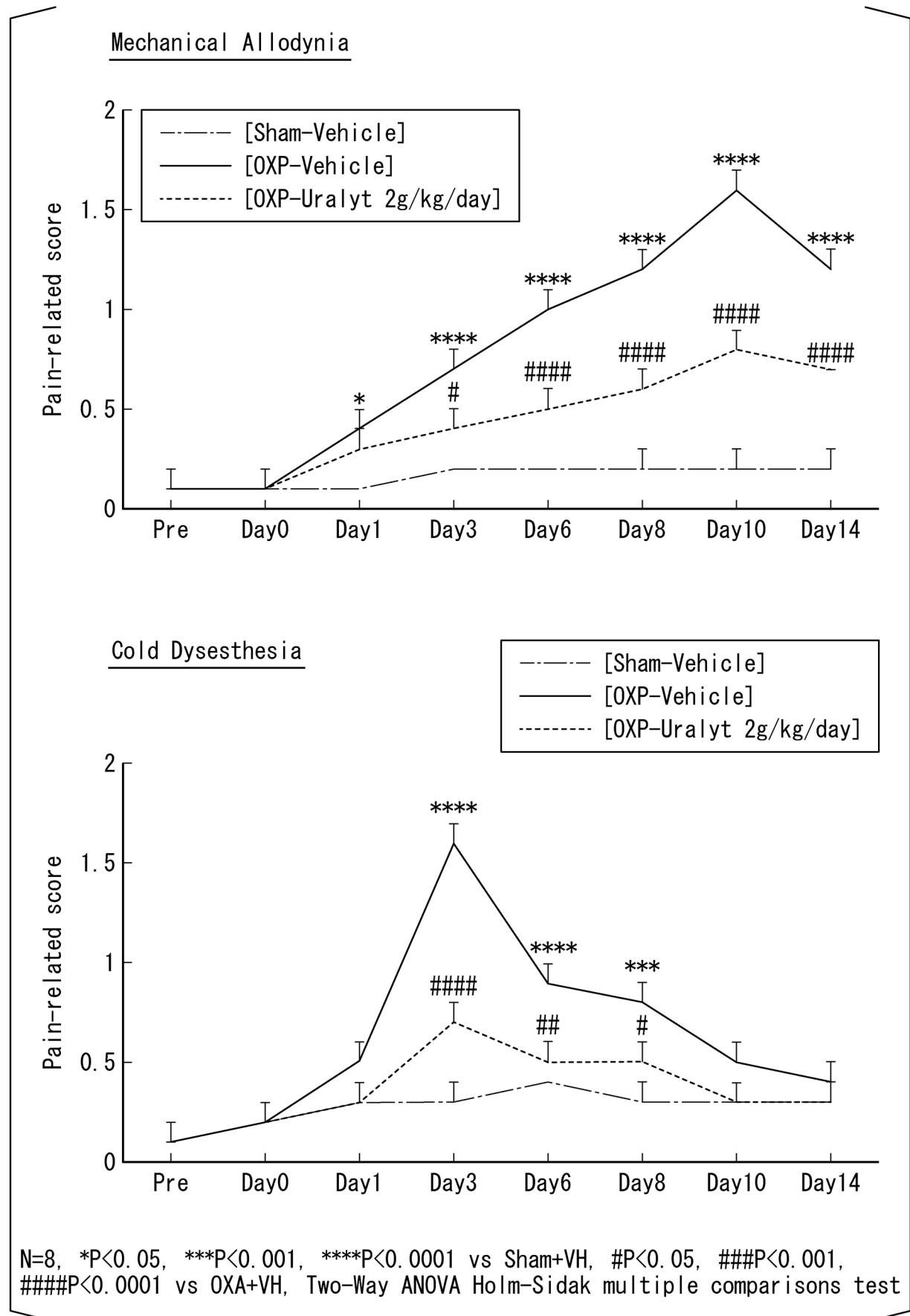


FIG. 2

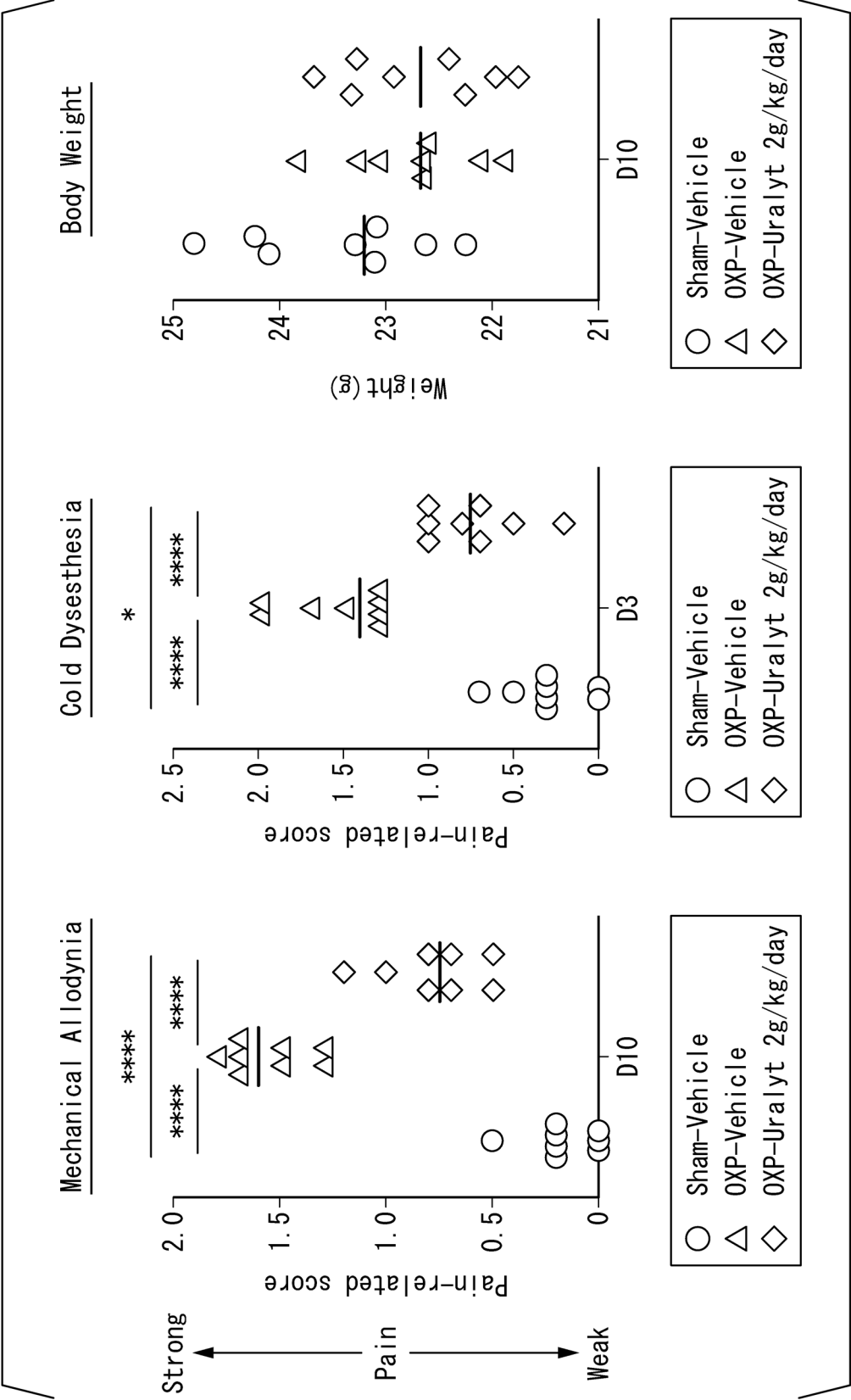


FIG. 3

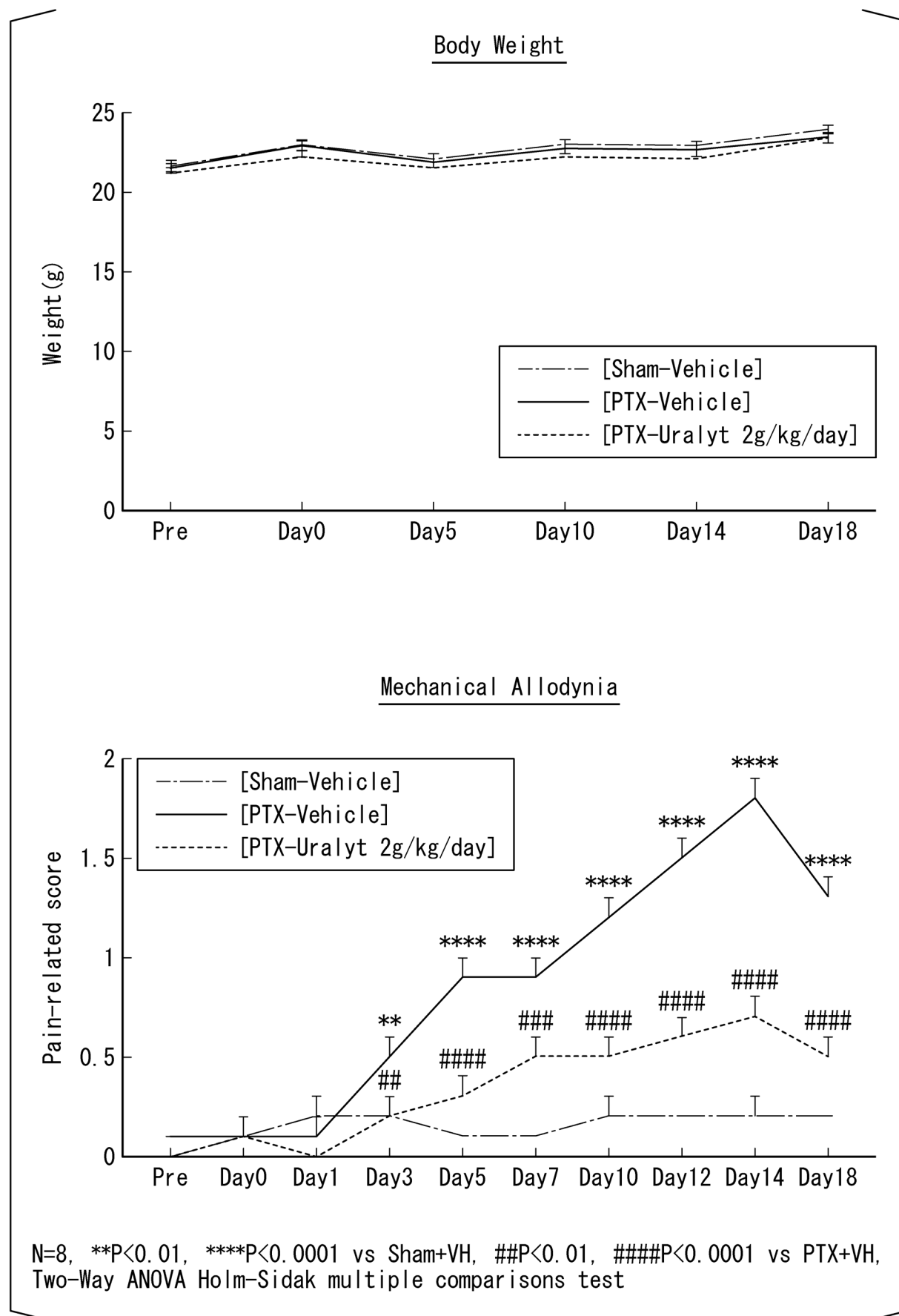


FIG. 4

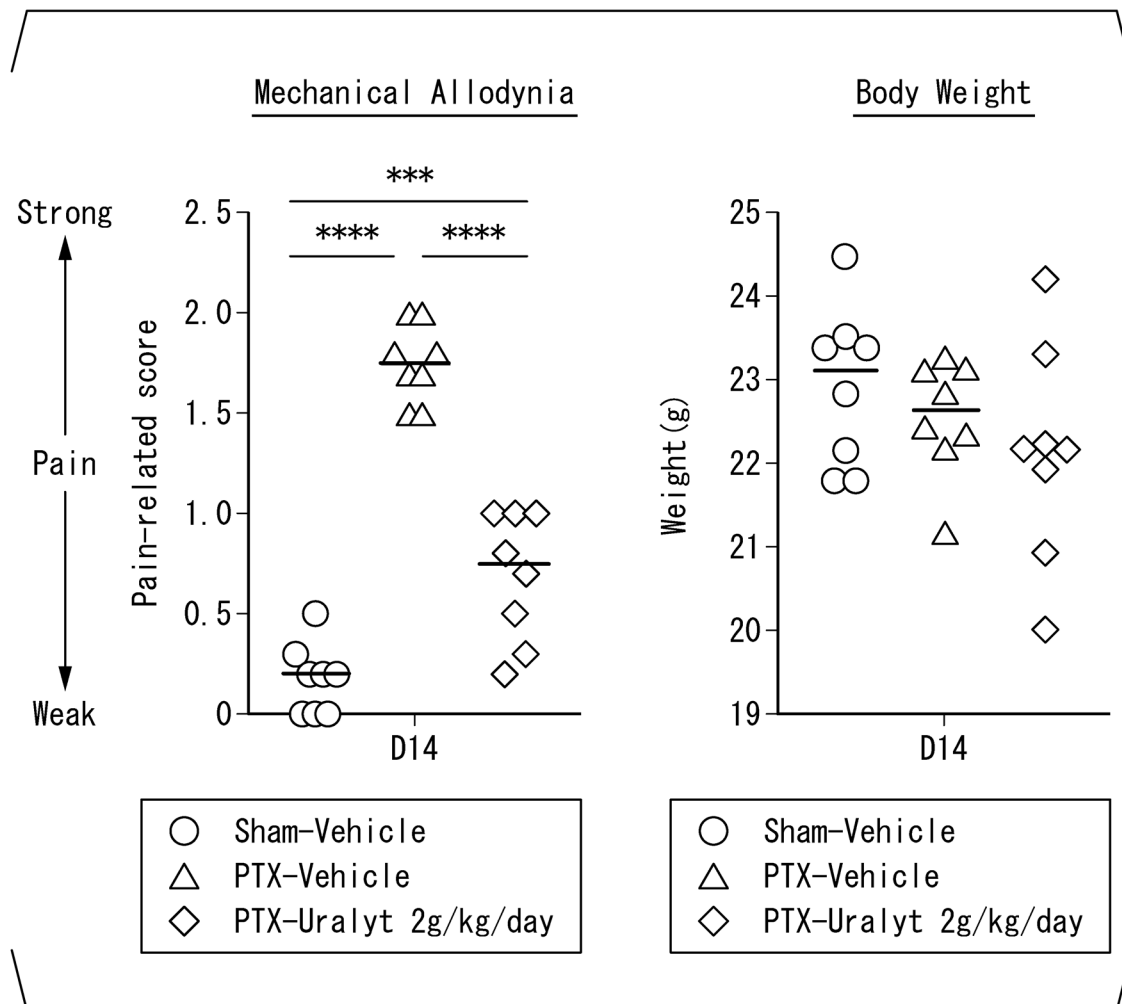
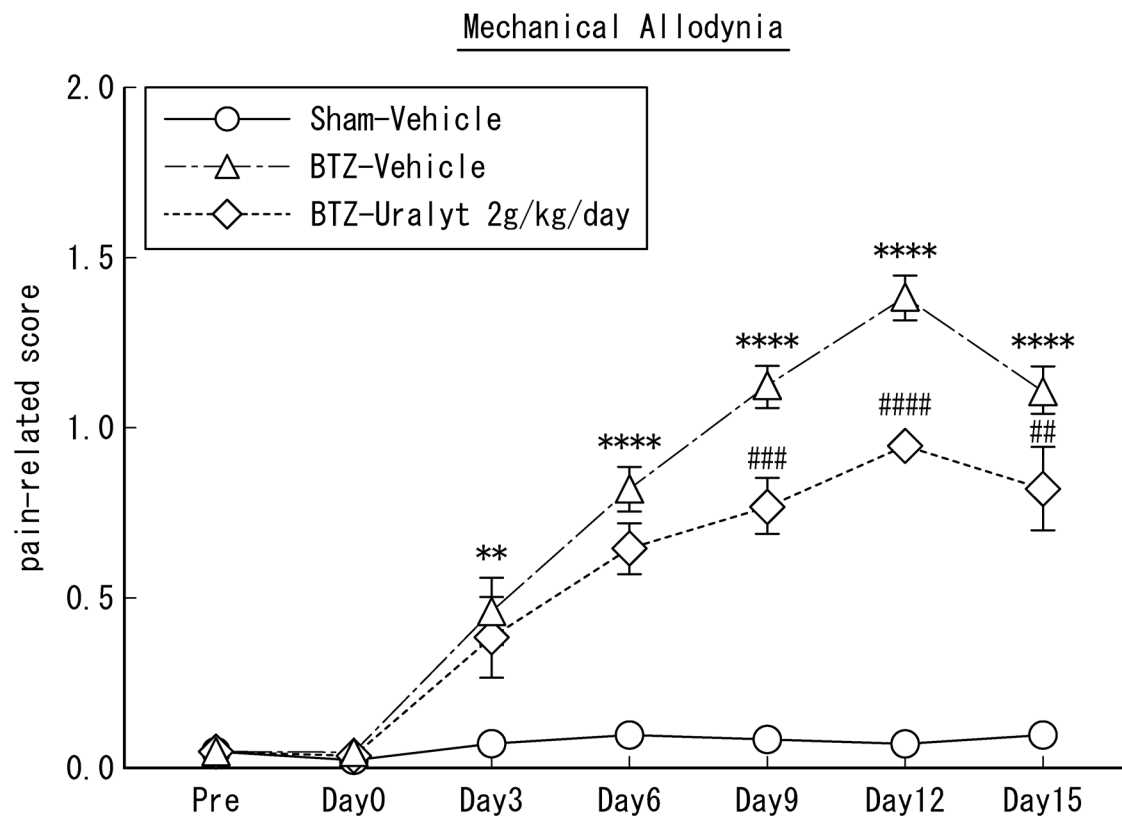
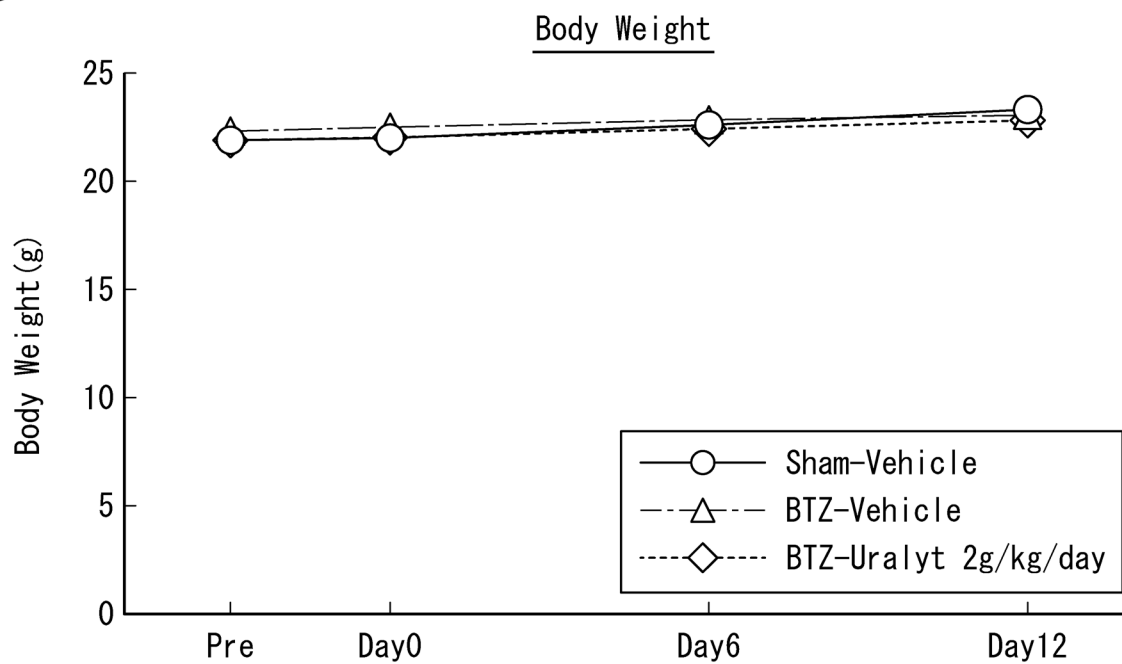


FIG. 5



N=8, * $P < 0.05$, ** $P < 0.01$, **** $P < 0.0001$ vs Sham+VH, ## $P < 0.01$, ### $P < 0.001$,
 #### $P < 0.0001$ vs VCT or BTZ+VH,
 Two-Way ANOVA Holm-Sidak multiple comparisons test

FIG. 6

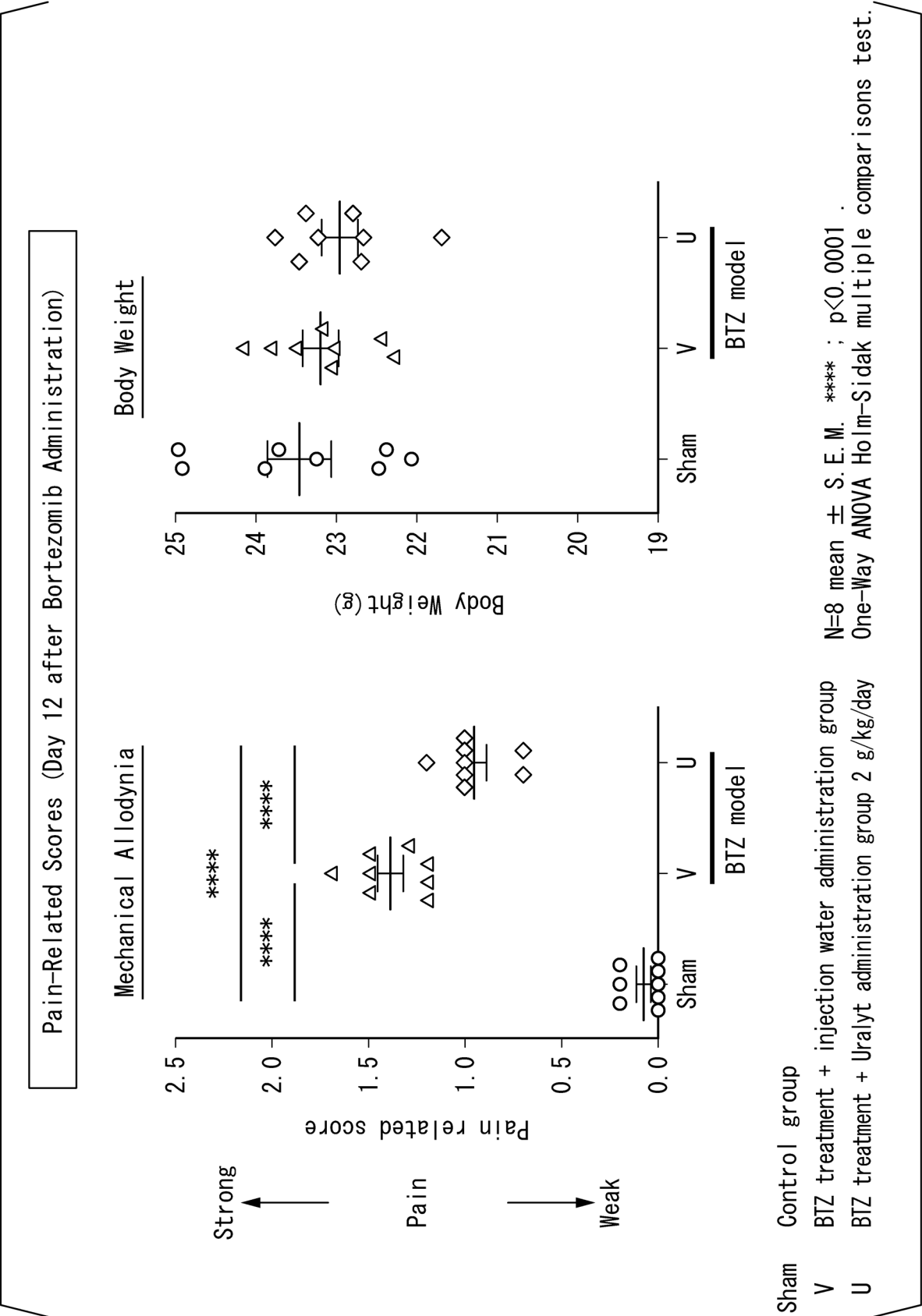


FIG. 7

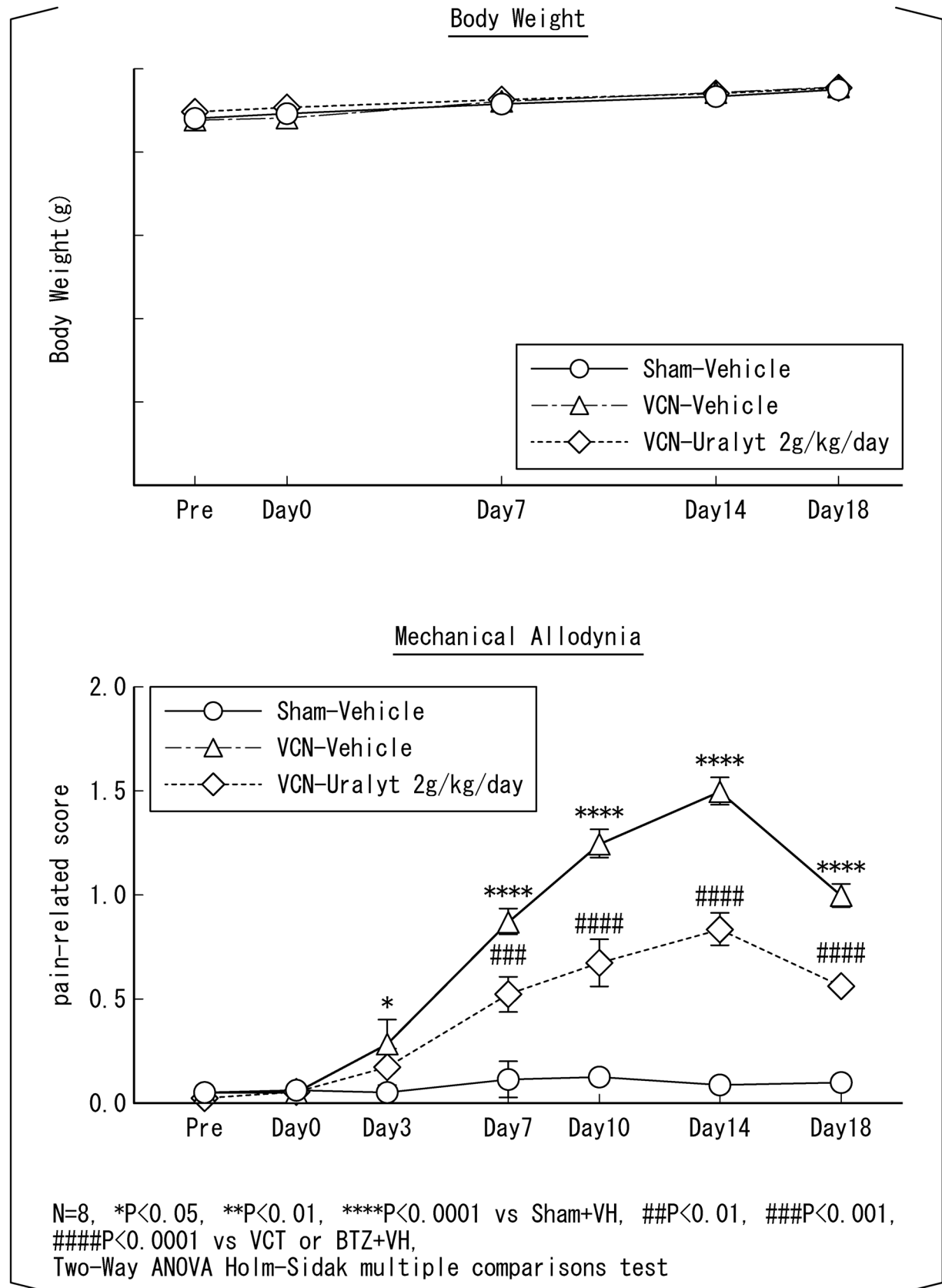


FIG. 8

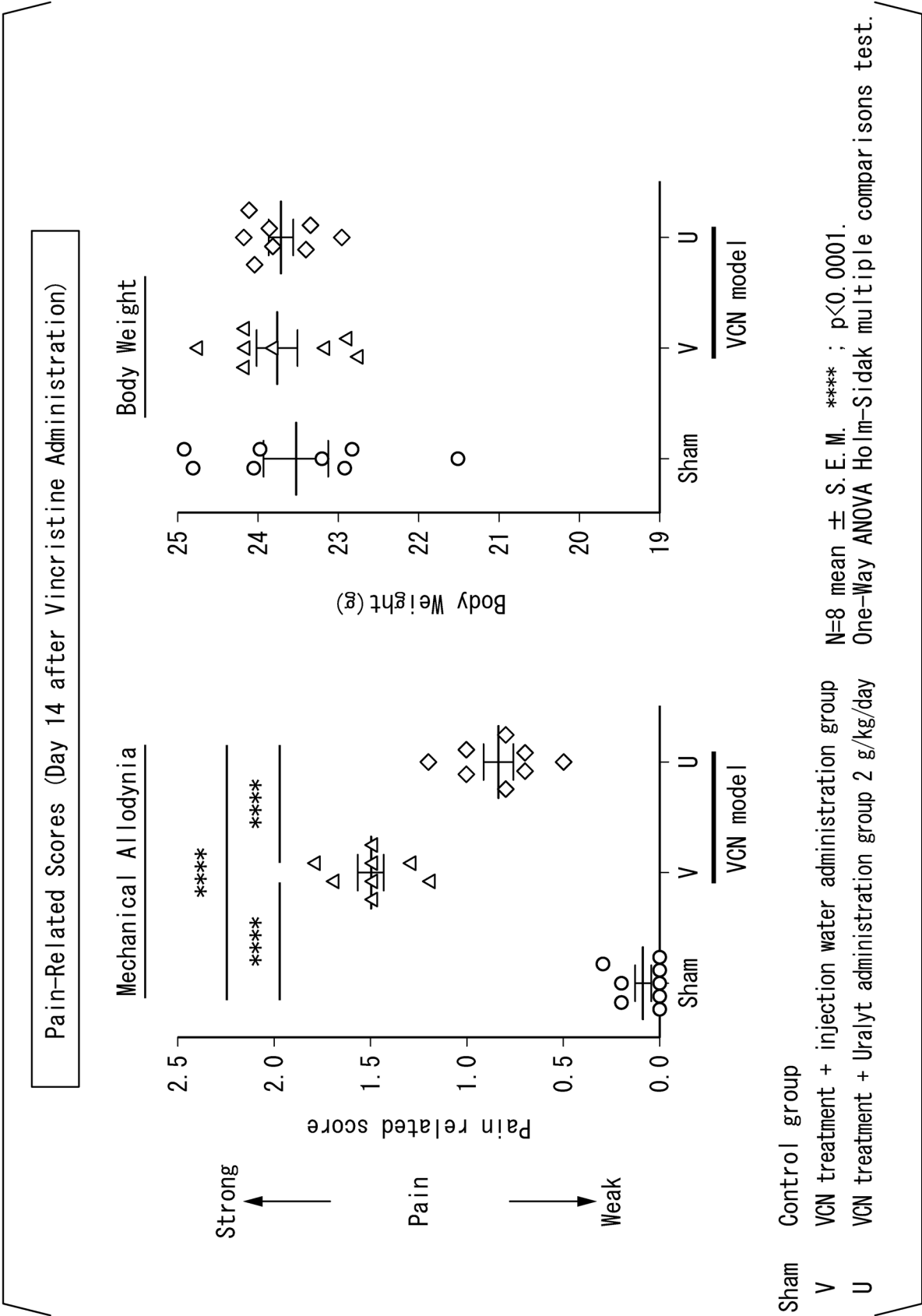
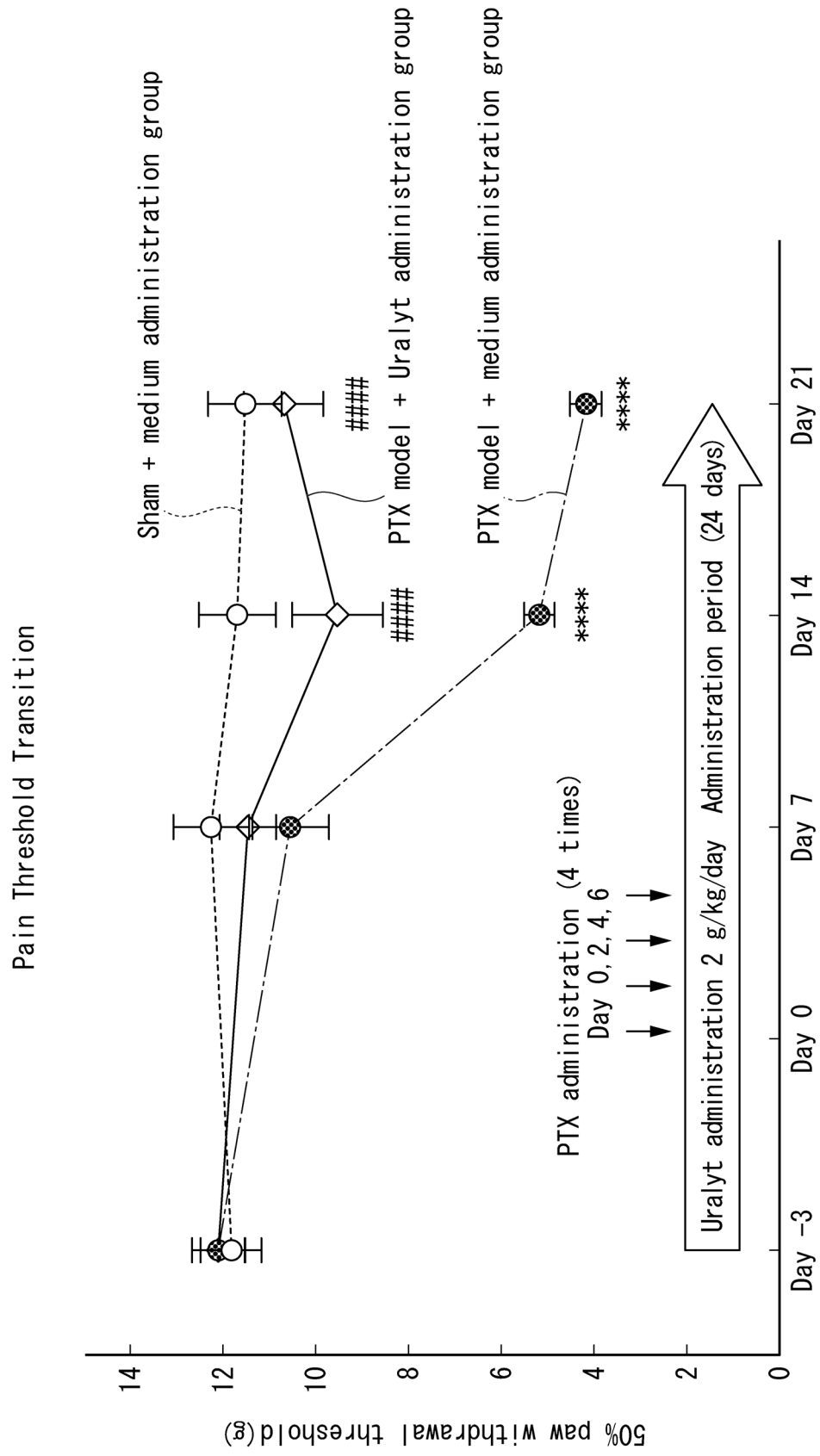
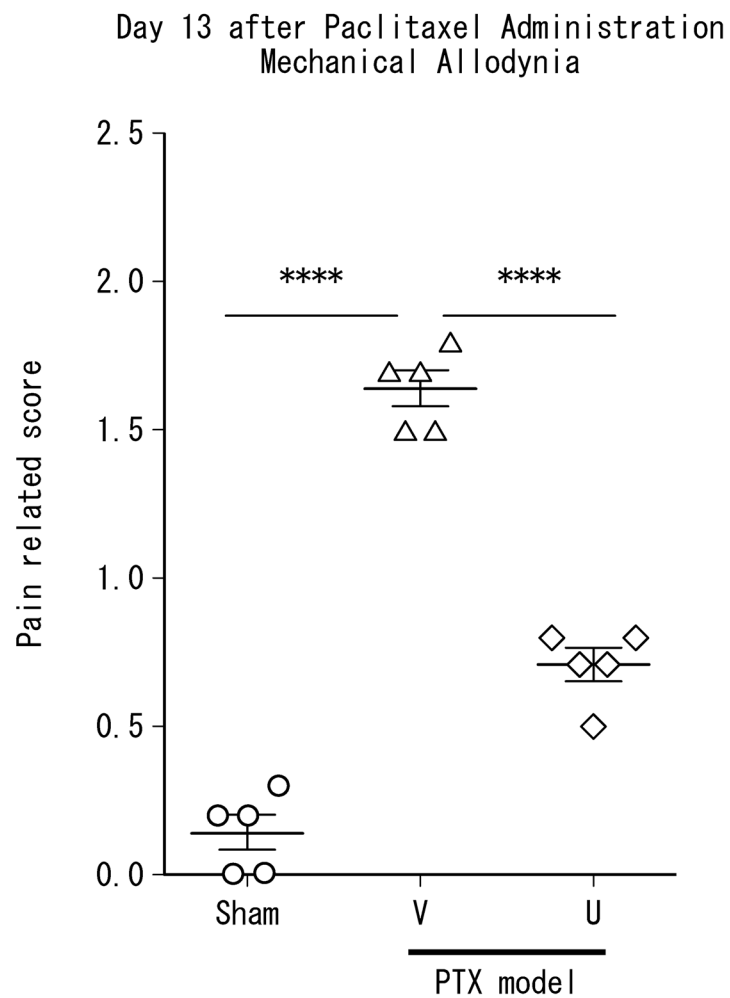


FIG. 9



N=12 mean $\pm$ S.E.M. ****; $p < 0.0001$ vs Sham-Vehicle. ####; $p < 0.0001$ vs PTX-Vehicle. Two-Way ANOVA Tukey-Kramer test.

FIG. 10



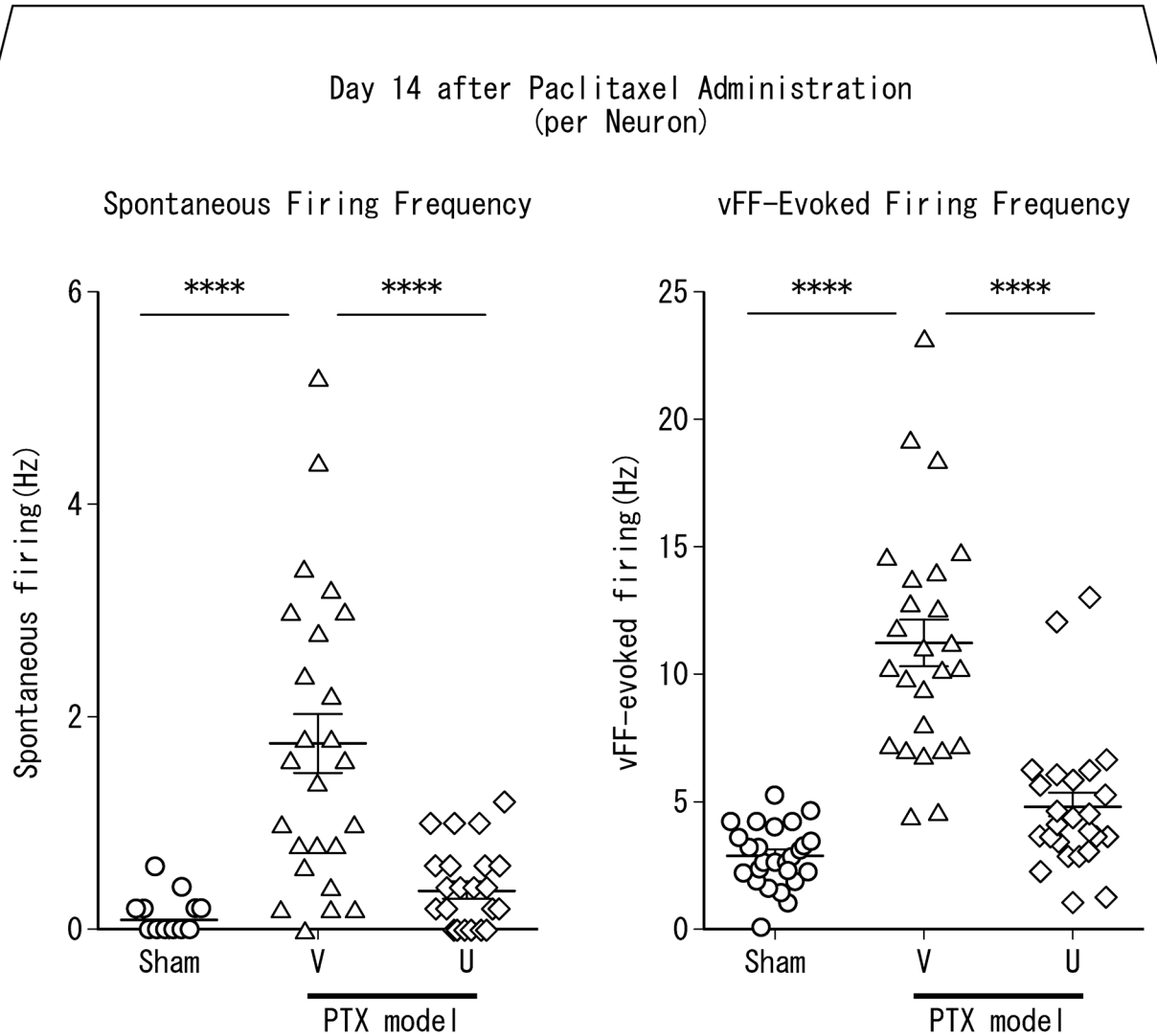
N=5 mean $\pm$ S.E.M. ****; $p < 0.0001$. Student's t-test.

Sham : Control group

V : PTX treatment + injection water administration group

U : PTX treatment + Uralyt administration group (1 g/kg twice per day)

FIG. 11



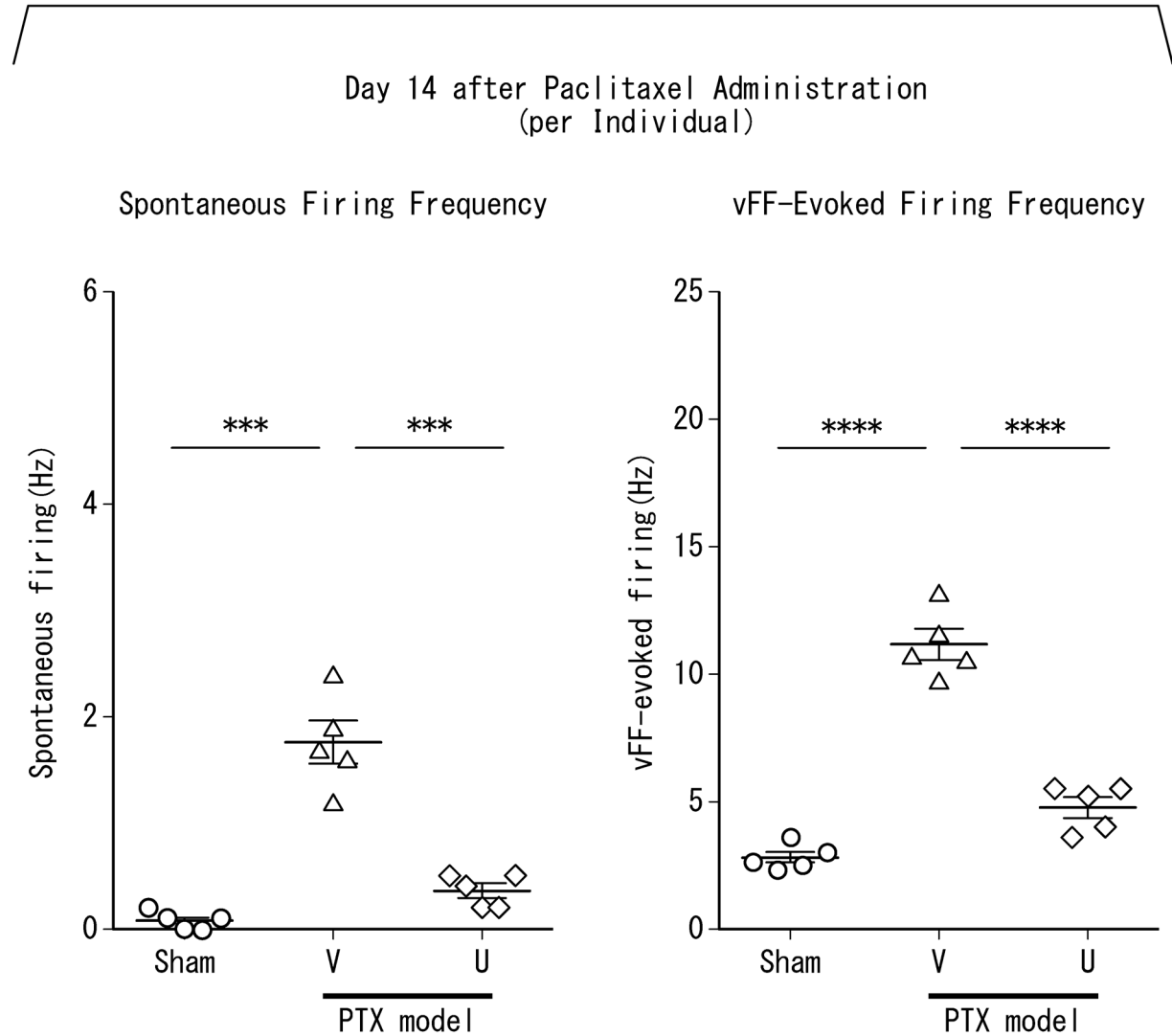
N=25 (neurons from 5 mice) mean $\pm$ S.E.M. **** ; $p < 0.0001$. Welch's t test.

Sham : Control group

V : PTX treatment + injection water administration group

U : PTX treatment + Uralyt administration group (1 g/kg twice per day)

FIG. 12



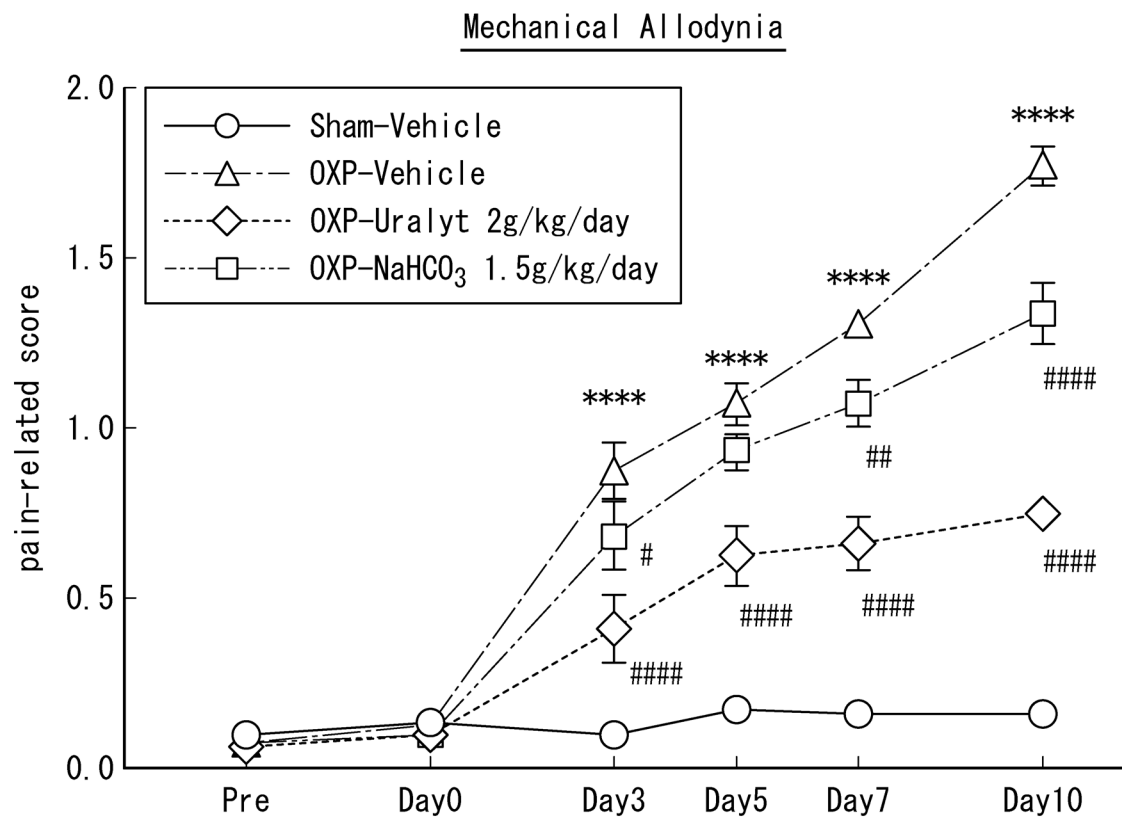
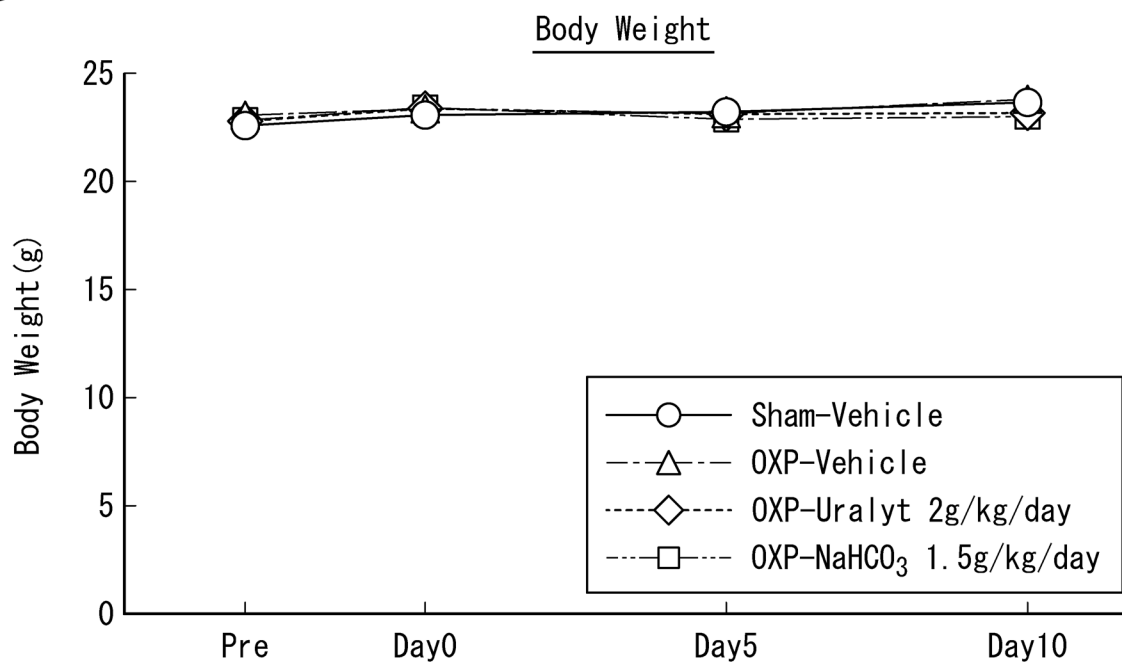
N=5 (the total number of neurons was 25) mean $\pm$ S.E.M. **** ; $p < 0.0001$,
 *** ; $p < 0.001$. Welch's t test or Student's t-test.

Sham : Control group

V : PTX treatment + injection water administration group

U : PTX treatment + Uralyt administration group (1 g/kg twice per day)

FIG. 13



N=8 mean $\pm$ S.E.M. **** ; $p < 0.0001$, *** ; $p < 0.001$ vs Sham-Vehicle.
 ##### ; $p < 0.0001$, ### ; $p < 0.001$, ## ; $p < 0.01$ vs OXP-Vehicle.
 Two-Way ANOVA Holm-Sidak multiple comparisons test

FIG. 14

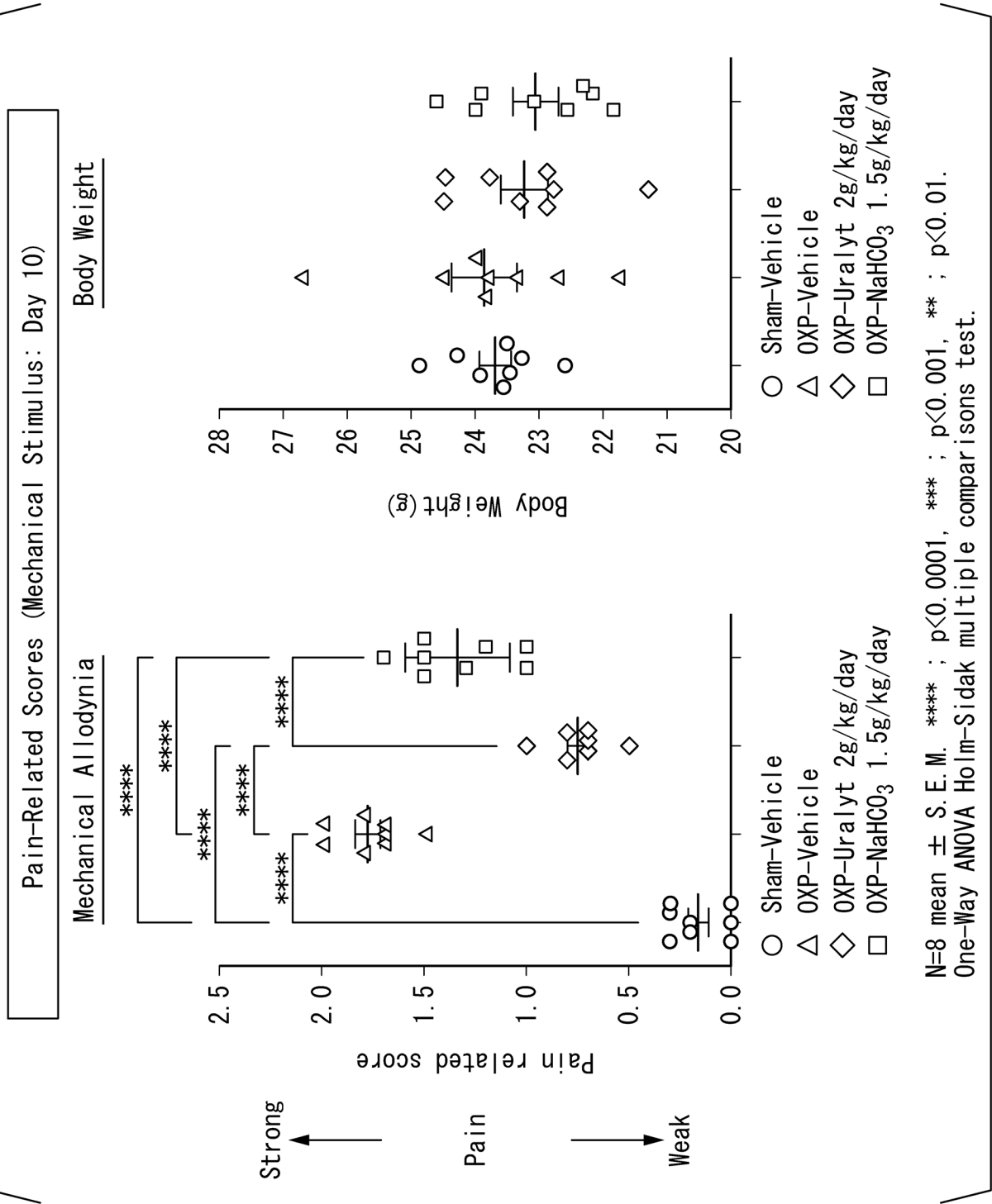
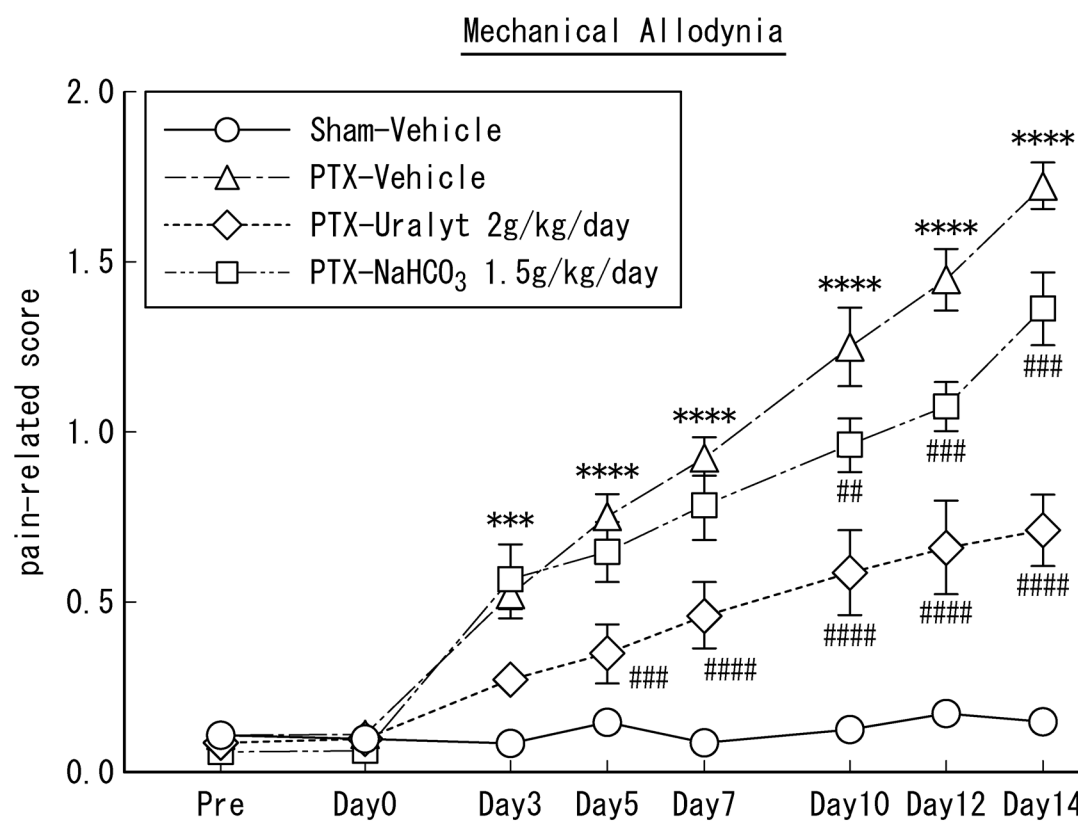
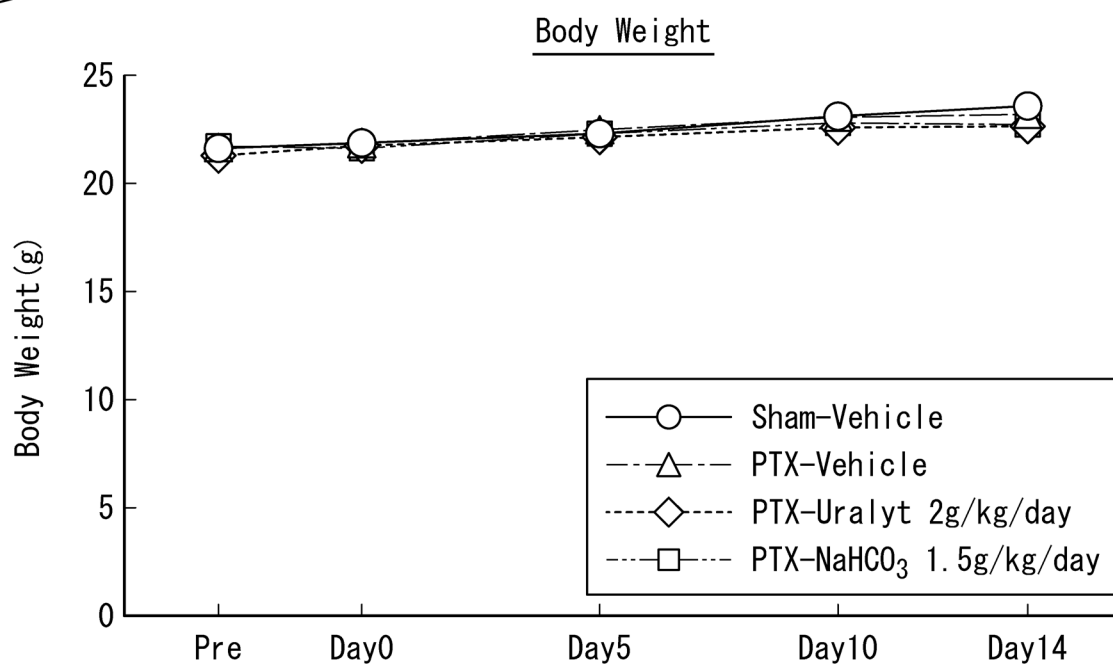


FIG. 15



N=8 mean $\pm$ S.E.M. **** ; $p < 0.0001$, *** ; $p < 0.001$ vs Sham-Vehicle.
 ##### ; $p < 0.0001$, ### ; $p < 0.001$, ## ; $p < 0.01$ vs PTX-Vehicle.
 Two-Way ANOVA Holm-Sidak multiple comparisons test.

FIG. 16

