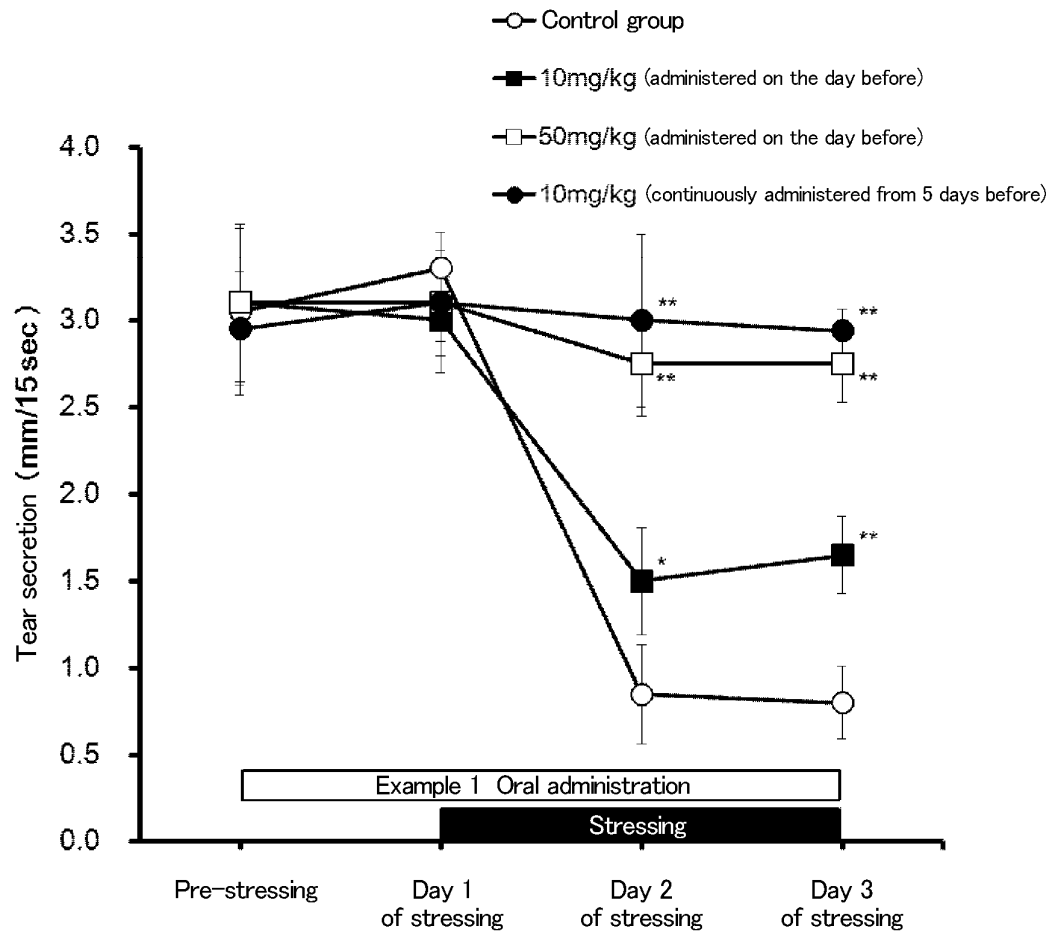


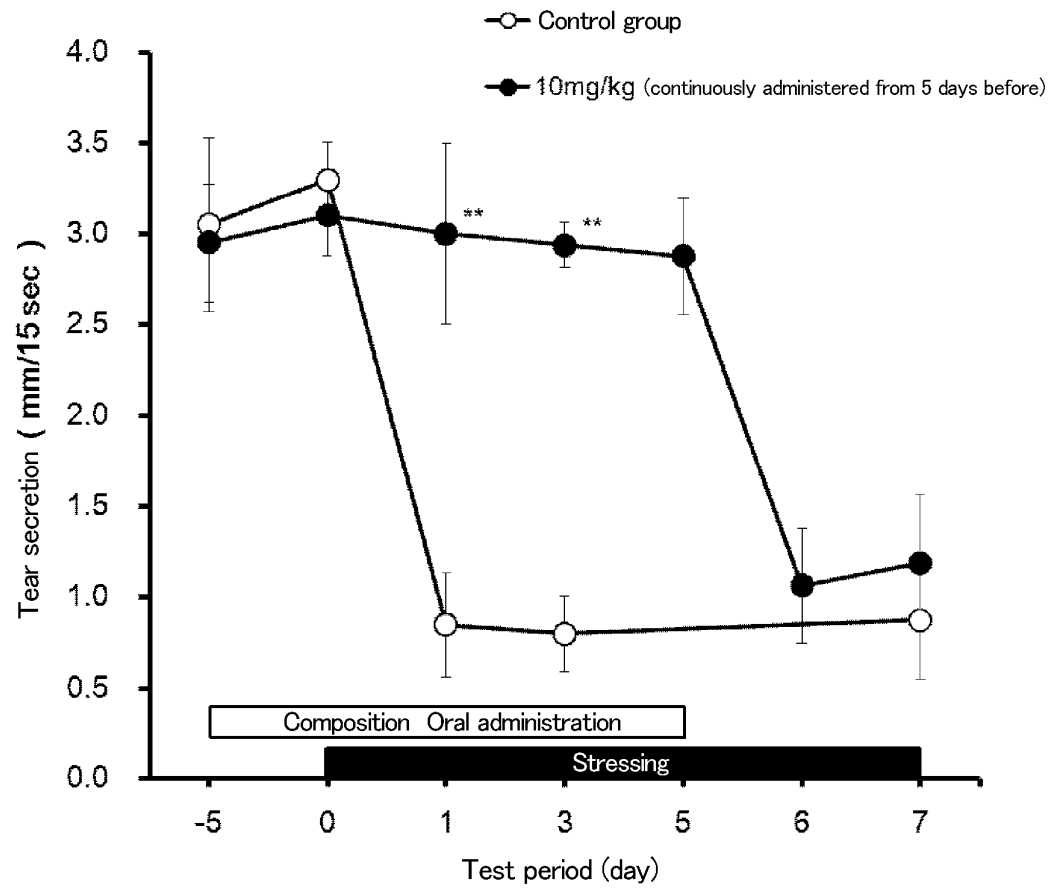
FIG.1



Average $\pm$ Standard deviation

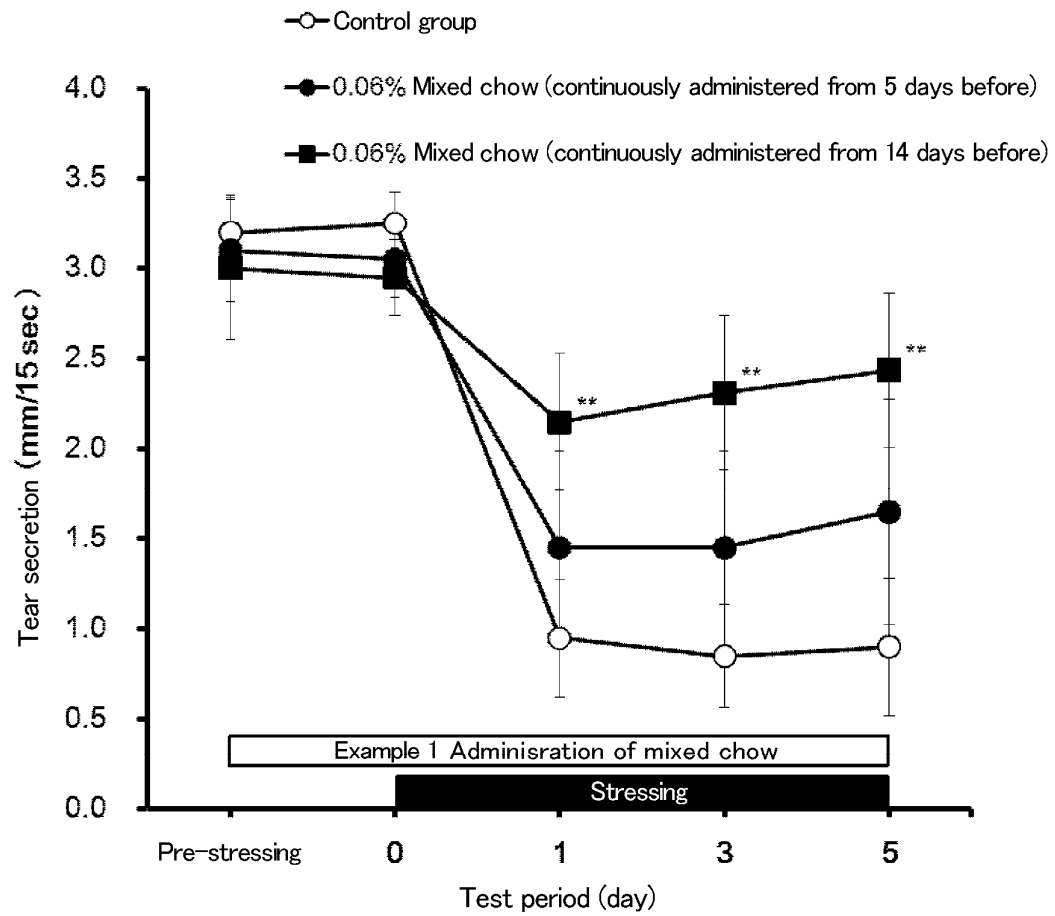
* $P < 0.05$ vs Control group (Dunnett test) ** $P < 0.01$ vs Control group (Dunnett test)

FIG.2



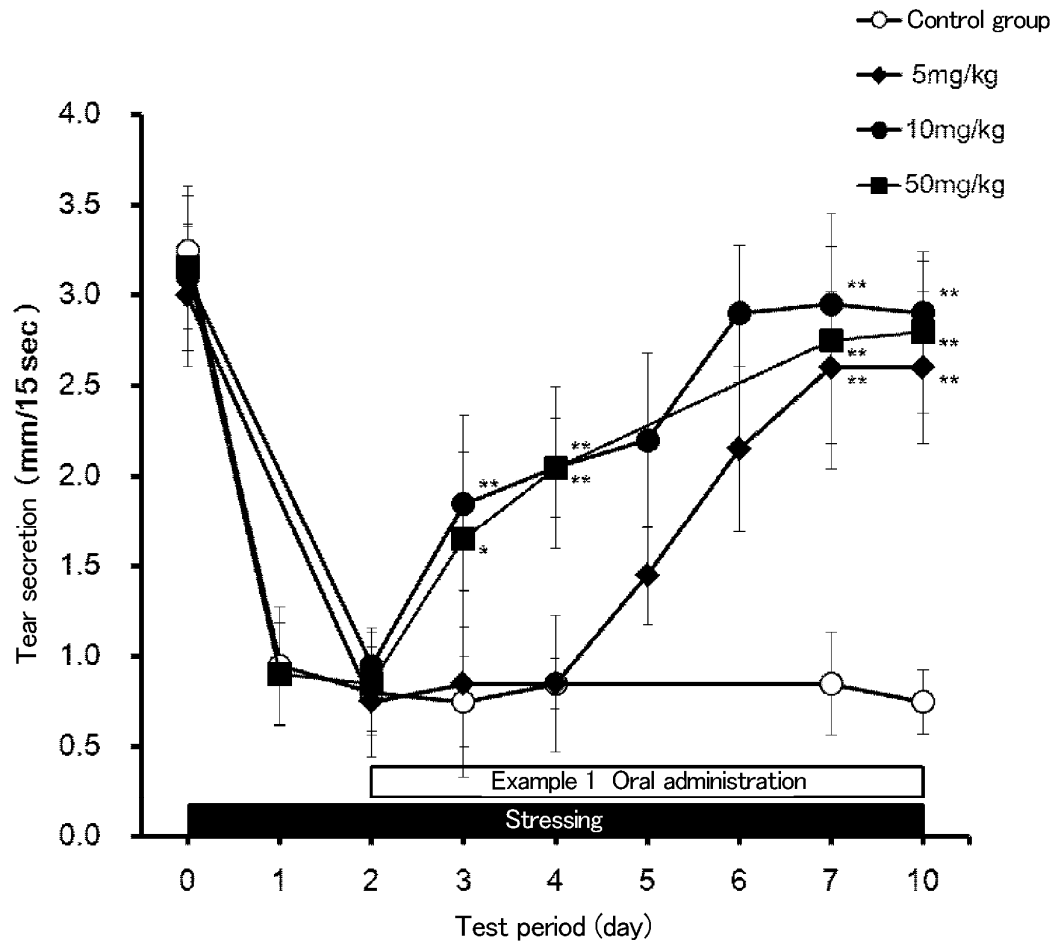
Average $\pm$ Standard deviation ** $P<0.01$ vs Control group (t -test)

FIG.3



Average $\pm$ Standard deviation ** $P < 0.01$ vs Control group (Dunnett test)

FIG.4

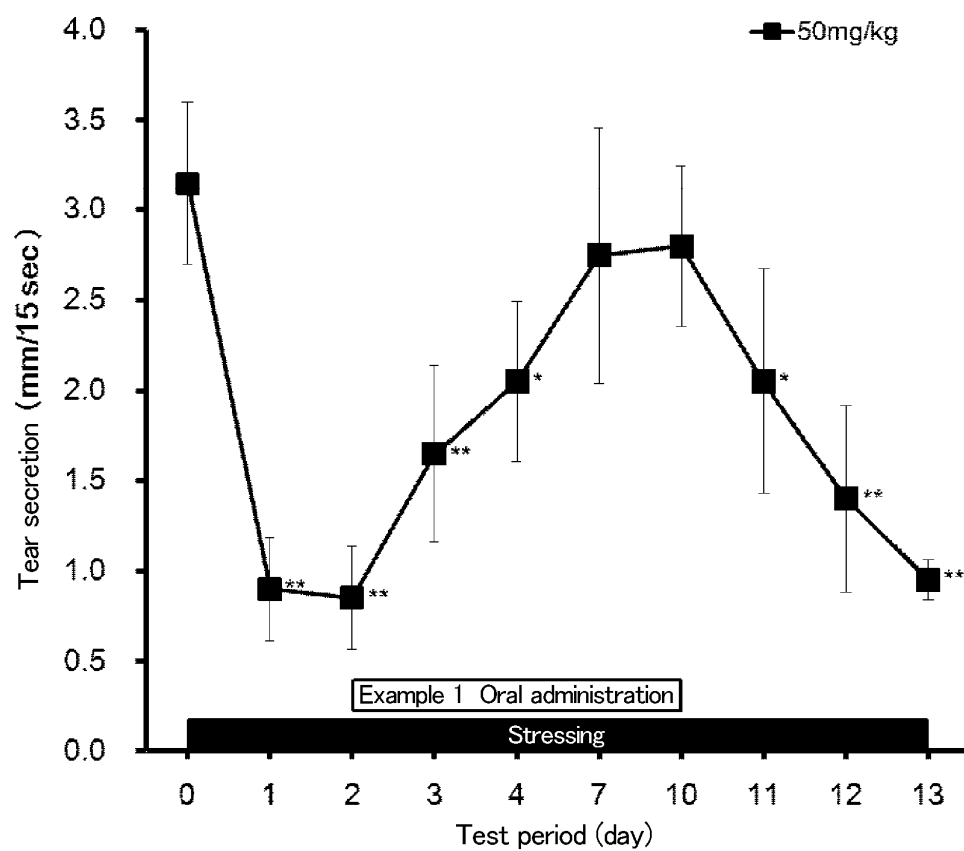


Average $\pm$ Standard deviation

* $P < 0.05$ vs Control group (Dunnett test)

** $P < 0.01$ vs Control group (Dunnett test)

FIG.5



Average $\pm$ Standard deviation

* $P < 0.05$ vs Initial value (Day 0 value) (Paired t -test)

** $P < 0.01$ vs Initial value (Day 0 value) (Paired t -test)

FIG.6

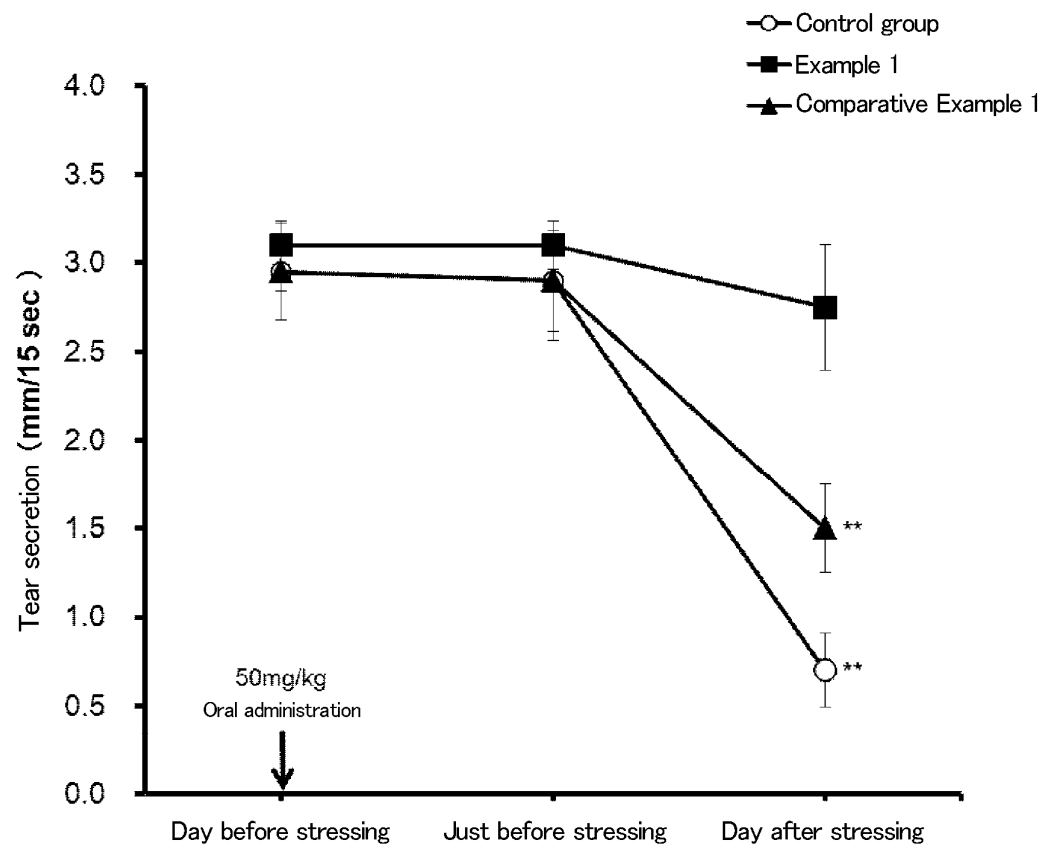
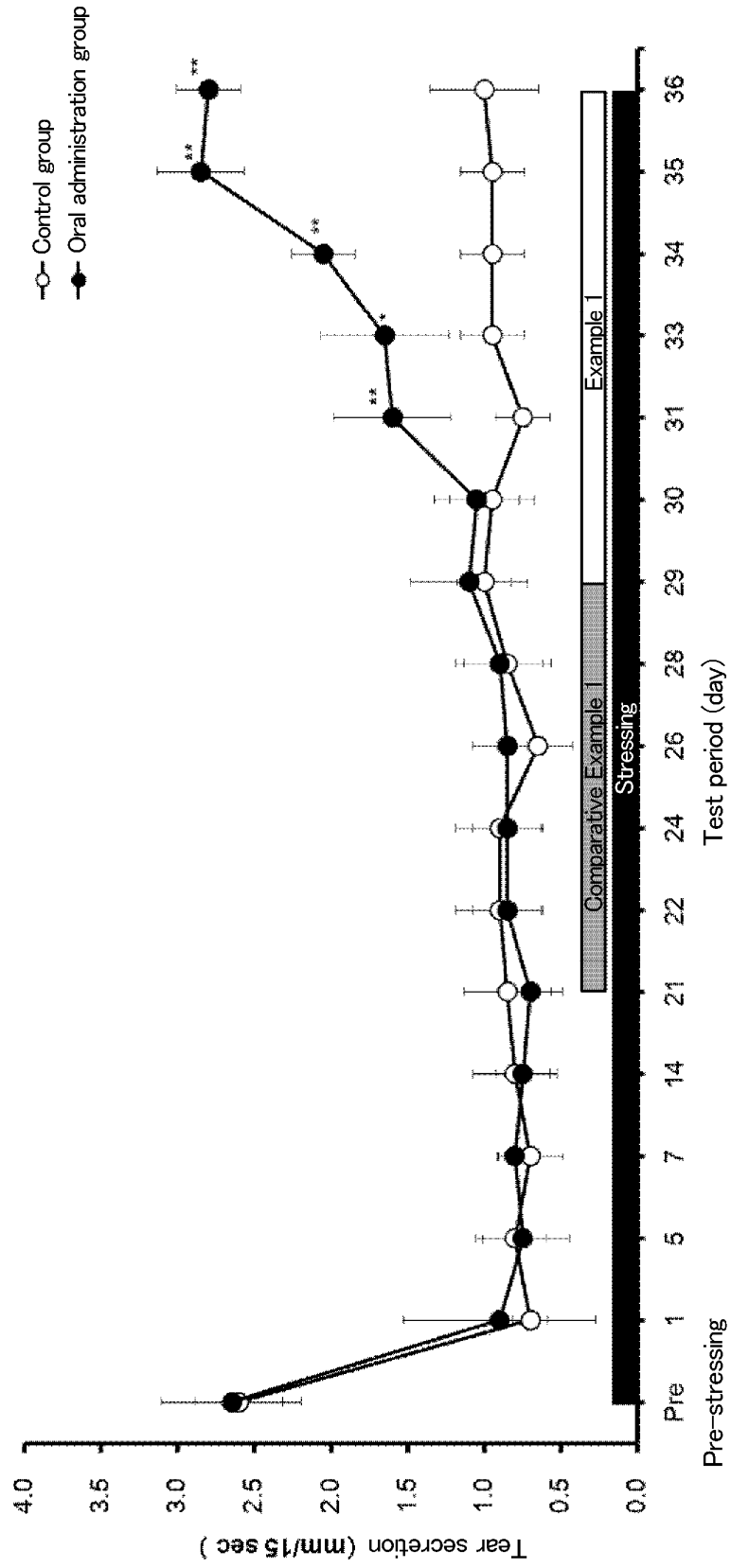
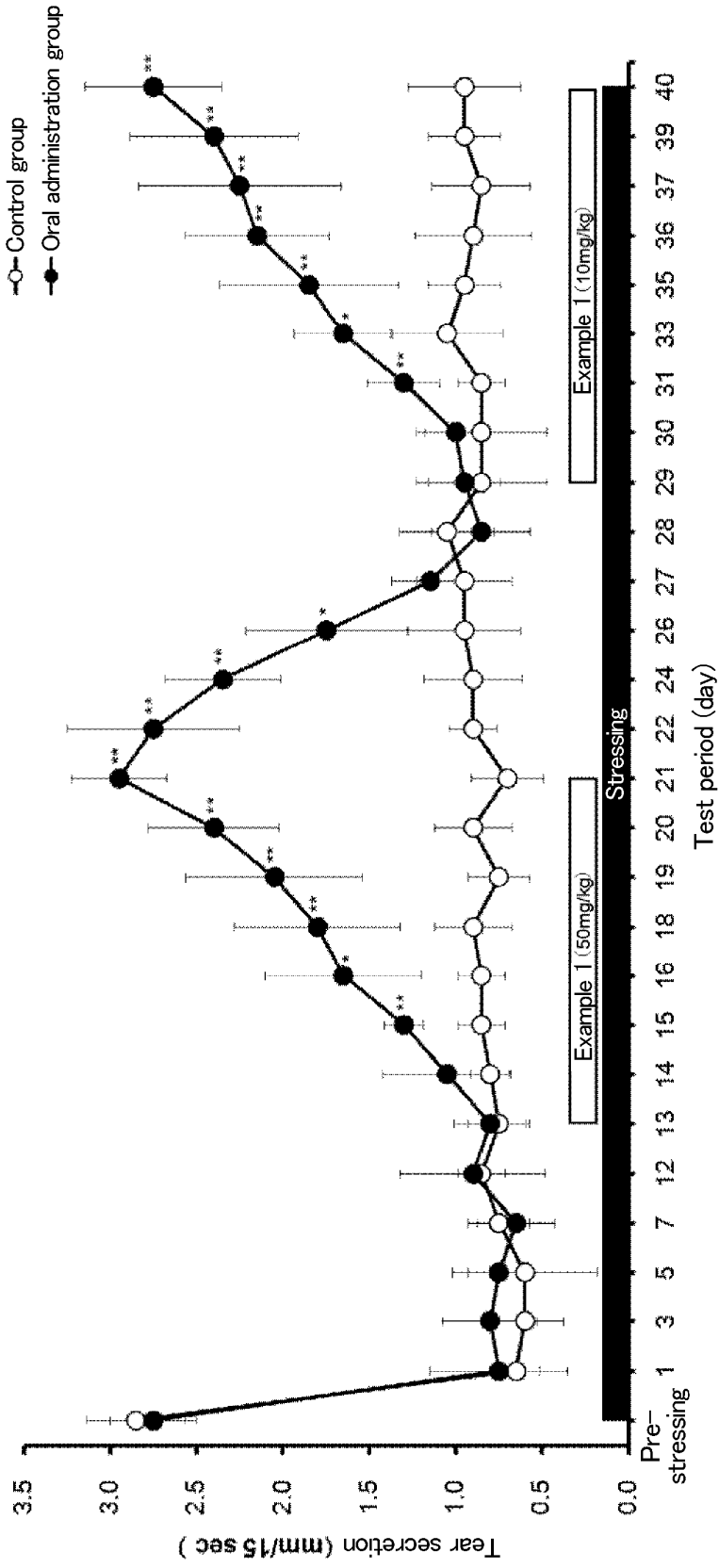
Average $\pm$ Standard deviation** $P < 0.01$ vs Day before stressing (Paired t -test)

FIG. 7



Average $\pm$ Standard deviation * $P < 0.05$ vs Control group (t-test) ** $P < 0.01$ vs Control group (t-test)

FIG.8



Average $\pm$ Standard deviation * $P < 0.05$ vs Control group (Student t-test) ** $P < 0.01$ vs Control group (Student t-test)

FIG.9

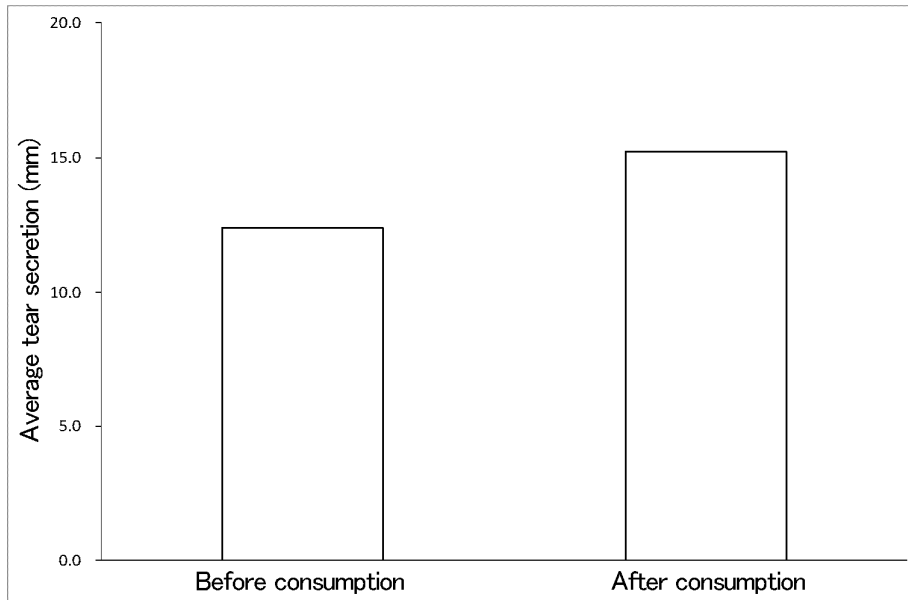


FIG.10

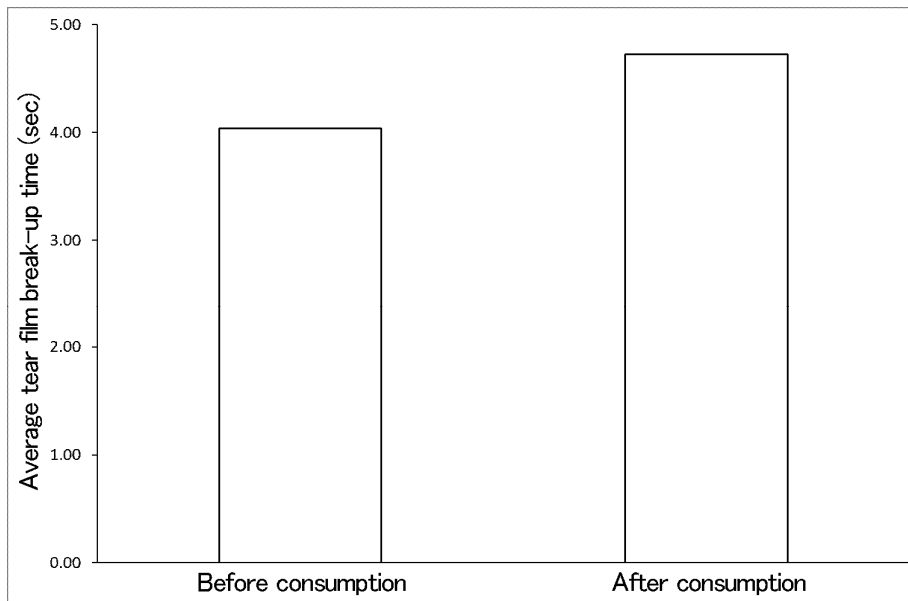


FIG.11

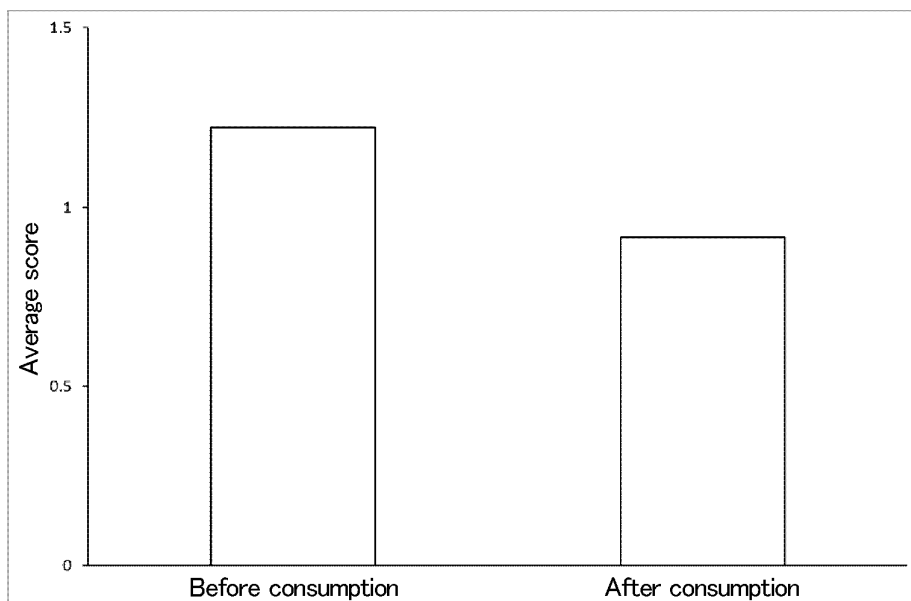


FIG.12

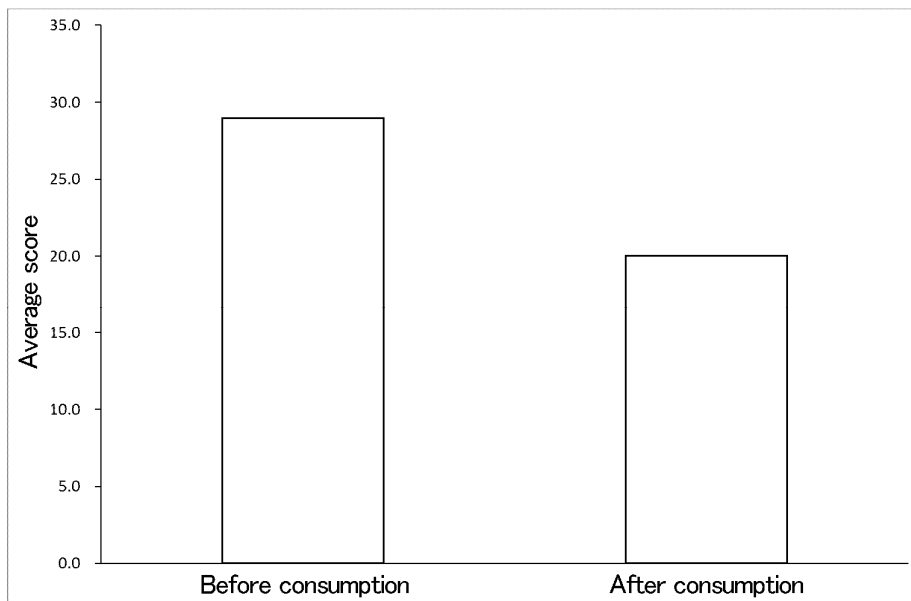


FIG.13

