

Figure S1. Temperature measured at the dorsal head and interscapular (I/scap) regions in each of the three treatment groups (subcutaneous interscapular [SC], intramuscular lumbar epaxial [IM], and subcutaneous GV20 adjacent). Data are mean  $\pm$  standard deviation, recorded at baseline, 5, 10, 15 and 20 minutes after injection.

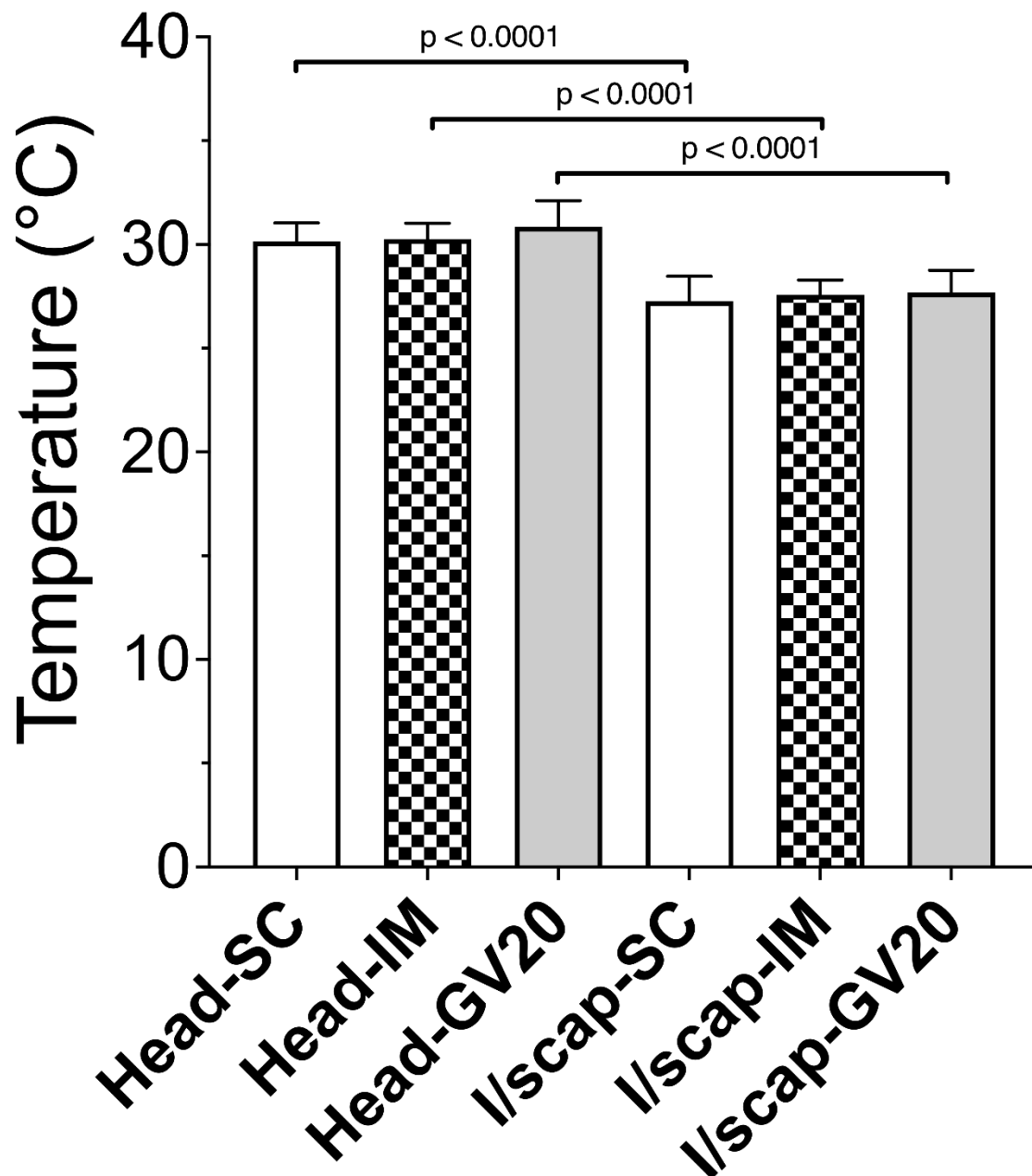


Figure S2. Temperature measured at the dorsal head and interscapular (Interscap) regions in each of the three treatment groups (subcutaneous interscapular [Group SC], intramuscular lumbar epaxial [Group IM], and subcutaneous GV20 adjacent [Group GV20]). Data are mean  $\pm$  standard deviation, recorded at baseline (0), 5, 10, 15 and 20 minutes after injection with dexmedetomidine and methadone.

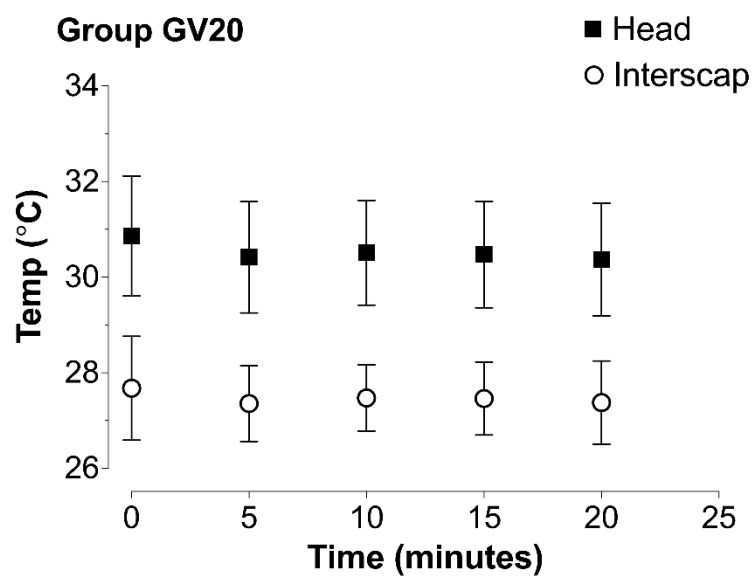
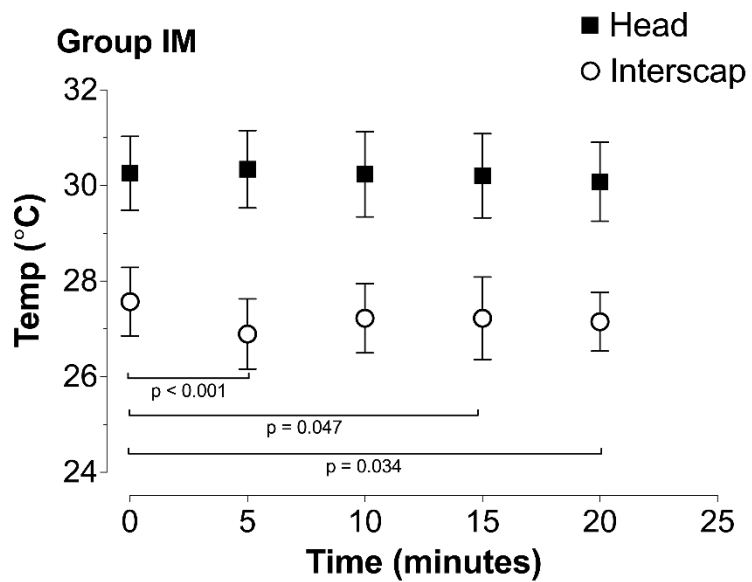
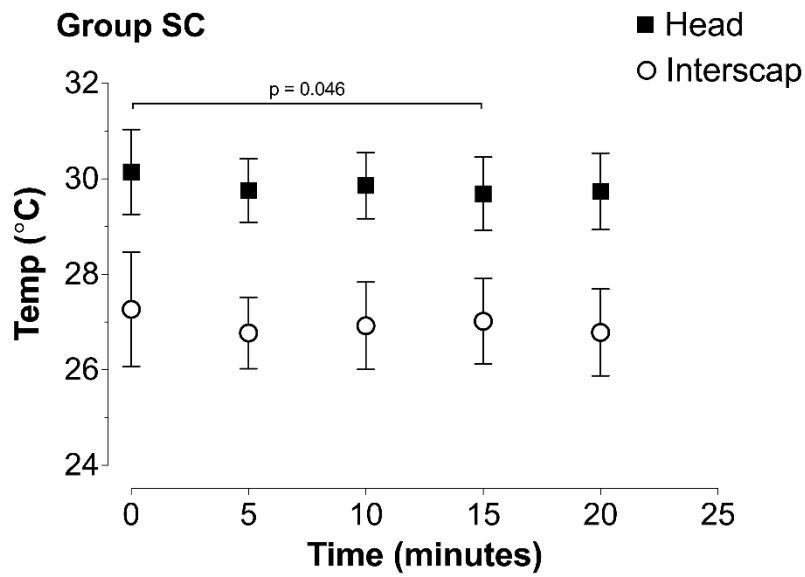


Figure S3. Incidence of signs associated with nausea and vomiting in cats injected with dexmedetomidine and methadone. iscapSC, subcutaneous interscapular injection. GV20adj, subcutaneous GV20 adjacent injection. IM, intramuscular injection.

