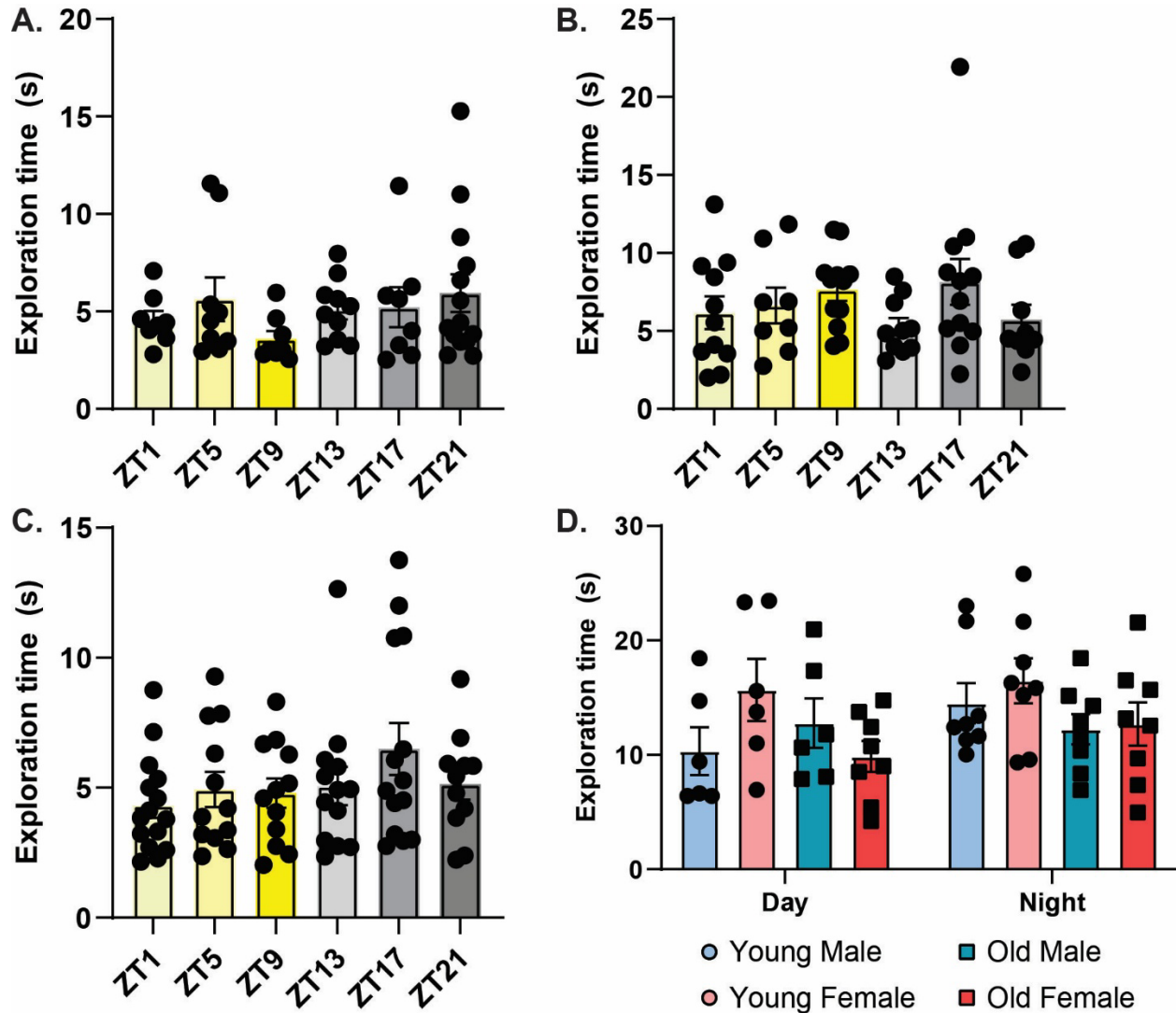




Supplemental Figure 1. Total exploration does not differ across the diurnal cycle. **A.** Total object exploration during the test session for the young female circadian memory experiment (Fig. 1C-D; $n=8-14$ /timepoint). **B.** Total object exploration during the test session for the old female circadian memory experiment (Fig. 1E-F; $n=8-12$ /timepoint). **C.** Total object exploration during the test session for the old male circadian memory experiment (Fig. 2; $n=11-15$ /timepoint). **D.** Total object exploration during the training session for the *Per1* induction experiment Fig. 3; 6-8/timepoint). ZT = Zeitgeber Time, where ZT0 = 6am (7am DST), lights on, ZT12 = 6pm (7pm DST), lights off.