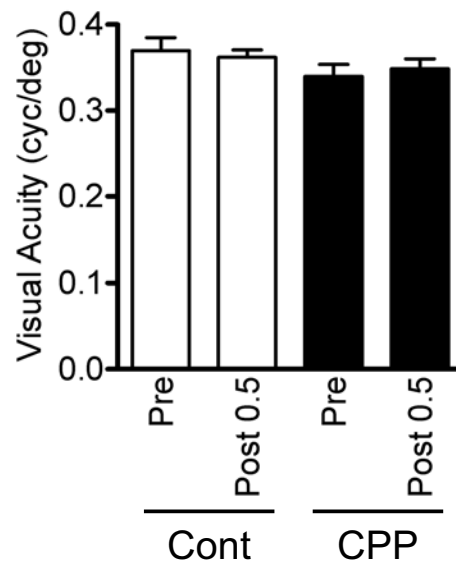
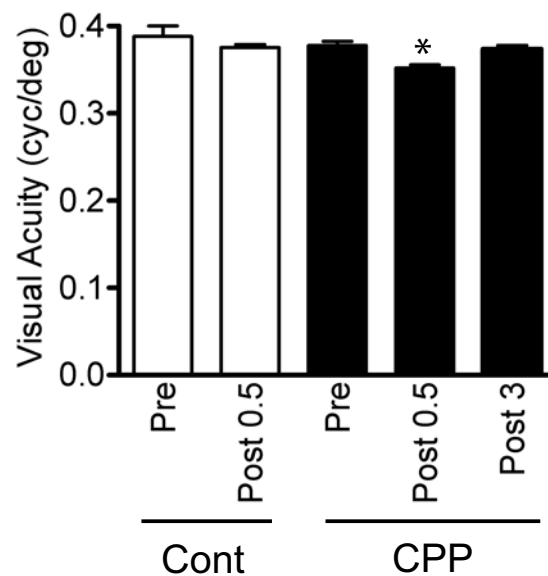


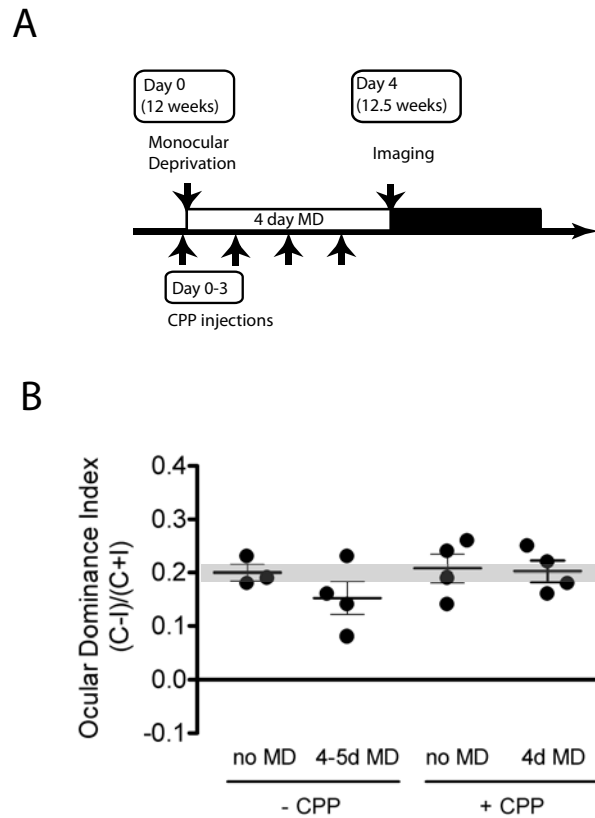
### A CP



### B Adult



Supplementary Figure 1. Behavioral evaluation of acute effects of CPP in juvenile and adult mice. (A) Visual acuity thresholds were measured by optokinetic behavior in vehicle- (Cont) and CPP-injected (CPP) mice in the critical period (CP) at P26-27 before (Pre) and 30-90 min after (Post 0.5) injection (n=6 each) (B) Visual acuity thresholds in vehicle- (Cont) and CPP-injected (CPP) mice in adulthood at P79-80 (Adult) before (Pre), 30-90 min after (Post 0.5) and 3-6 hr after (Post 3) injection (n=6 each; \* P<0.05).



Supplementary Figure 2. The effect of CPP on 4-day MD in adult mice. (A) CPP was administered intraperitoneally 4 hours prior to MD and every 24 hours thereafter. Mice were imaged at 4 days after MD. (B) Daily CPP injection prevented the small OD shift after 4-day MD. Mice subjected to daily CPP injection for 4-9 days without MD showed normal OD index.