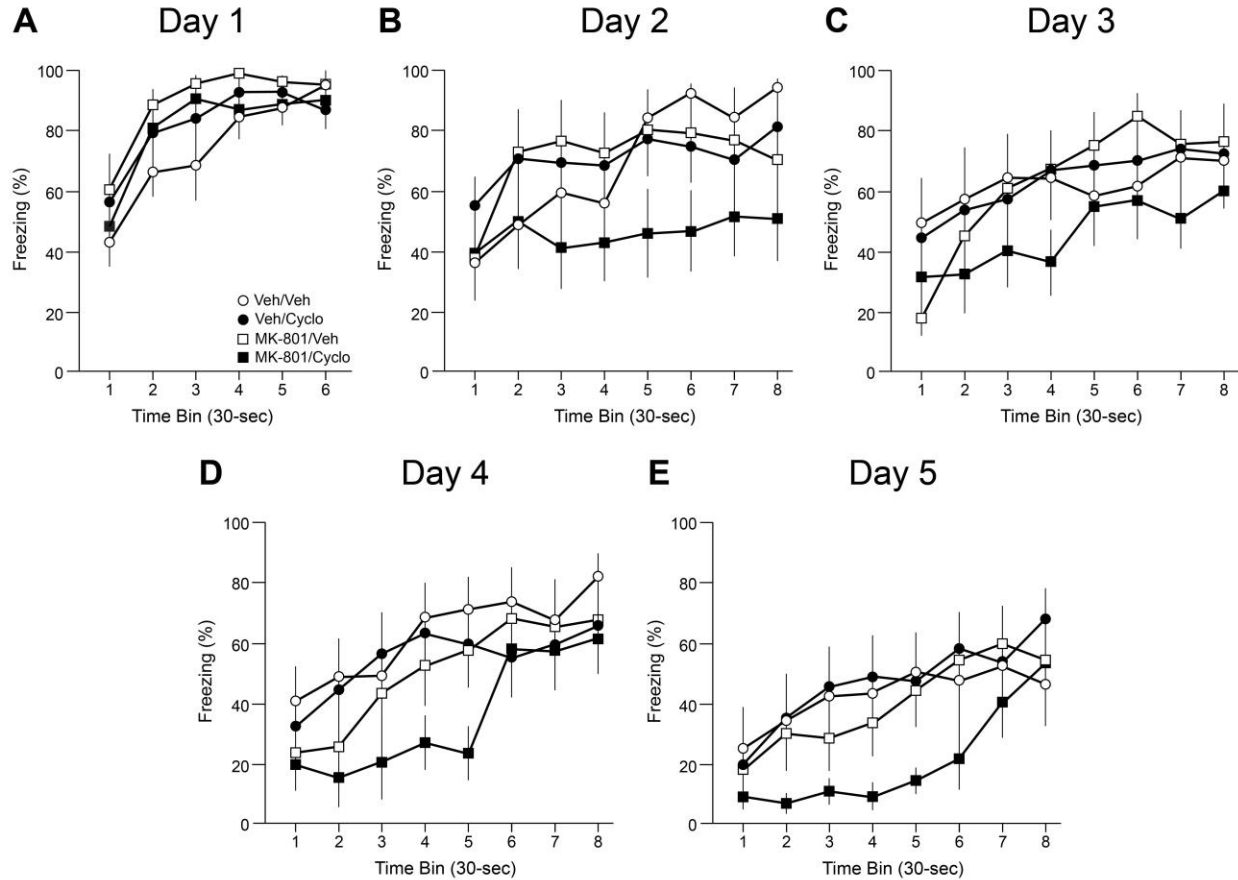
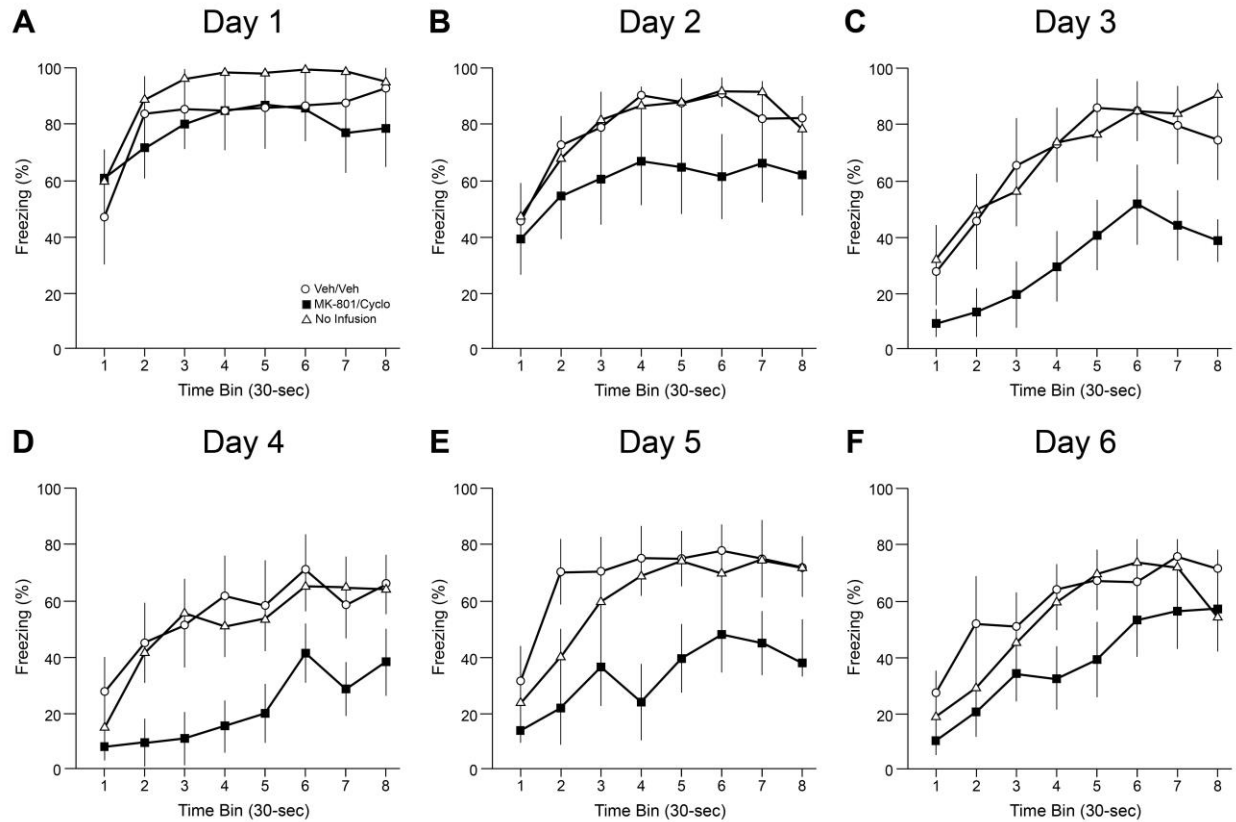


## Additional Content



**Figure S1.** The number of animals in each group was as follows: vehicle/vehicle = 6, vehicle/cycloheximide = 10, MK-801/vehicle = 9, MK-801/cycloheximide = 8. Average percent time spent freezing for each 30-second period of each extinction session. Bars depict  $\pm 1$  SEM. Panel A depicts a three-minute test originally intended to be a stand-alone test session with shorter duration (3 minutes instead of 4 minutes). All subsequent extinction sessions had a duration of four minutes. (A) On day 1, there was a main effect of extinction bin [ $F(5,145) = 29.07$ ,  $p < 0.001$ ], but no other main effects or interactions [all  $ps > 0.05$ ]. (B) On day 2, there was a main effect of extinction bin [ $F(7,203) = 7.15$ ,  $p < 0.001$ ] and an infusion  $\times$  extinction bin interaction, [ $F(7,203) = 2.13$ ,  $p < 0.05$ ]. There were no other main effects or interactions [all  $ps > 0.05$ ]. (C) On day 3, there was a main effect of extinction bin [ $F(7,203) = 11.82$ ,  $p < 0.001$ ], but no other main effects or interactions [all  $ps > 0.05$ ]. (D) On day 4, there was a main effect of extinction bin [ $F(7,203) = 12.54$ ,  $p < 0.001$ ], but no other main effects or interactions [all  $ps > 0.05$ ]. (E) On day 5, there was a main effect of extinction bin [ $F(7,203) = 11.86$ ,  $p < 0.001$ ], but no other main effects or interactions [all  $ps > 0.05$ ].



**Figure S2.** The number of animals in each group was as follows: vehicle/vehicle = 7, MK-801/cycloheximide = 8, no surgery = 10. Average percent time spent freezing for each 30-second period of each four-minute extinction session. Bars depict  $\pm 1$  SEM. (A) On day 1, there was a main effect of extinction bin [ $F(7,154) = 13.93$ ,  $p < 0.001$ ], but no other main effects or interactions [all  $ps > 0.05$ ]. (B) On day 2, there was a main effect of extinction bin [ $F(7,154) = 9.82$ ,  $p < 0.001$ ], but no other main effects or interactions [all  $ps > 0.05$ ]. (C) On day 3, there was a main effect of extinction bin [ $F(7,154) = 19.67$ ,  $p < 0.001$ ] and a main effect of condition [ $F(2, 22) = 5.63$ ,  $p < 0.05$ ]. There were no other main effects or interactions [all  $ps > 0.05$ ]. (D) On day 4, there was a main effect of extinction bin [ $F(7,154) = 9.04$ ,  $p < 0.001$ ] and a main effect of condition [ $F(2, 22) = 5.17$ ,  $p < 0.05$ ]. There were no other main effects or interactions [all  $ps > 0.05$ ]. (E) On day 5, there was a main effect of extinction bin [ $F(7,154) = 10.93$ ,  $p < 0.001$ ] and a main effect of condition [ $F(2, 22) = 5.07$ ,  $p < 0.05$ ]. There were no other main effects or interactions [all  $ps > 0.05$ ]. (F) On day 6, there was a main effect of extinction bin [ $F(7,154) = 17.84$ ,  $p < 0.001$ ], but no other main effects or interactions [all  $ps > 0.05$ ].