

Figure 4-figure supplement 1

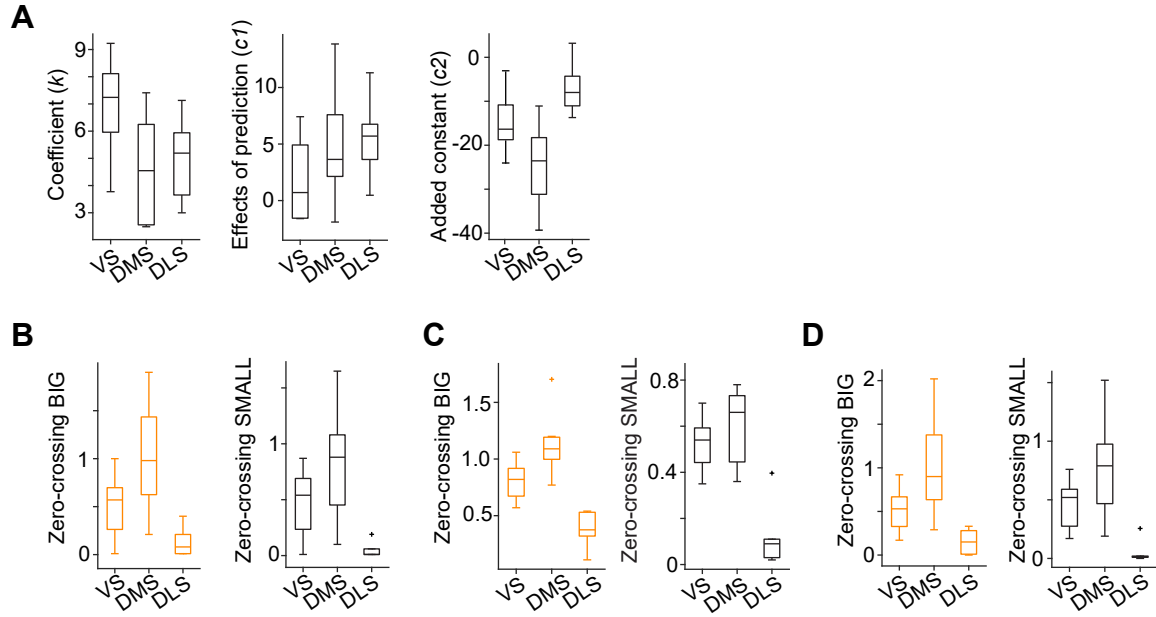


Figure 4-figure supplement 1. Zero-crossing points across the striatum with different methods (A) Each regression coefficient in the response function shown in Figure 4C. Fitting was performed by $\text{response} = k R + c_1 \times S + c_2$, where R is the water amount, S is SMALL side (see Materials and Methods). (B) Zero-crossing points with linear function ($F(2,19) = 8.7$, $p=0.0021$ for BIG; $F(2,19) = 7.5$, $p=0.0038$ for SMALL, ANOVA). (C) Zero-crossing points with power function using a before-water time window (-1 to -0.2 s before water) as baseline. ($F(2,19) = 20.5$, $p=1.7 \times 10^{-5}$ for BIG; $F(2,19) = 21.6$, $p=1.2 \times 10^{-5}$ for SMALL, ANOVA). (D) Zero-crossing points using kernel models with power function ($F(2,19) = 9.4$, $p=0.0014$ for BIG; $F(2,19) = 10.1$, $p=0.0011$, ANOVA). $n = 9, 7, 6$ animals for VS, DMS, DLS.