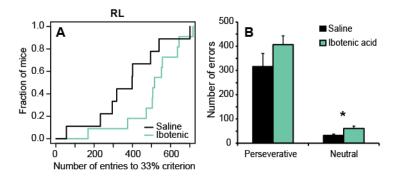


Supplementary figure 1 | Number of rewards earned during DL. (A) There was a trend towards more rewards earned during the two days of the DL stage in APP/PS1 mice ($^+p = 0.061$). (B) α CaMKII T305D mice earned more rewards than WT controls ($^*p = 0.026$). Mean \pm SEM.



Supplementary figure 2 | Effect of OFC lesions on reversal performance to chance level (33%). (A) There was a trend towards more entries to 33% criterion in OFC lesioned mice (p = 0.135). (B) Errors made before mice reached the 33% performance criterion. Effect of lesion (p = 0.109); Lesion effect on perseverative errors (p = 0.172, FDR corrected); Lesion effect on neutral errors (p = 0.042, FDR corrected). Mean \pm SEM.