

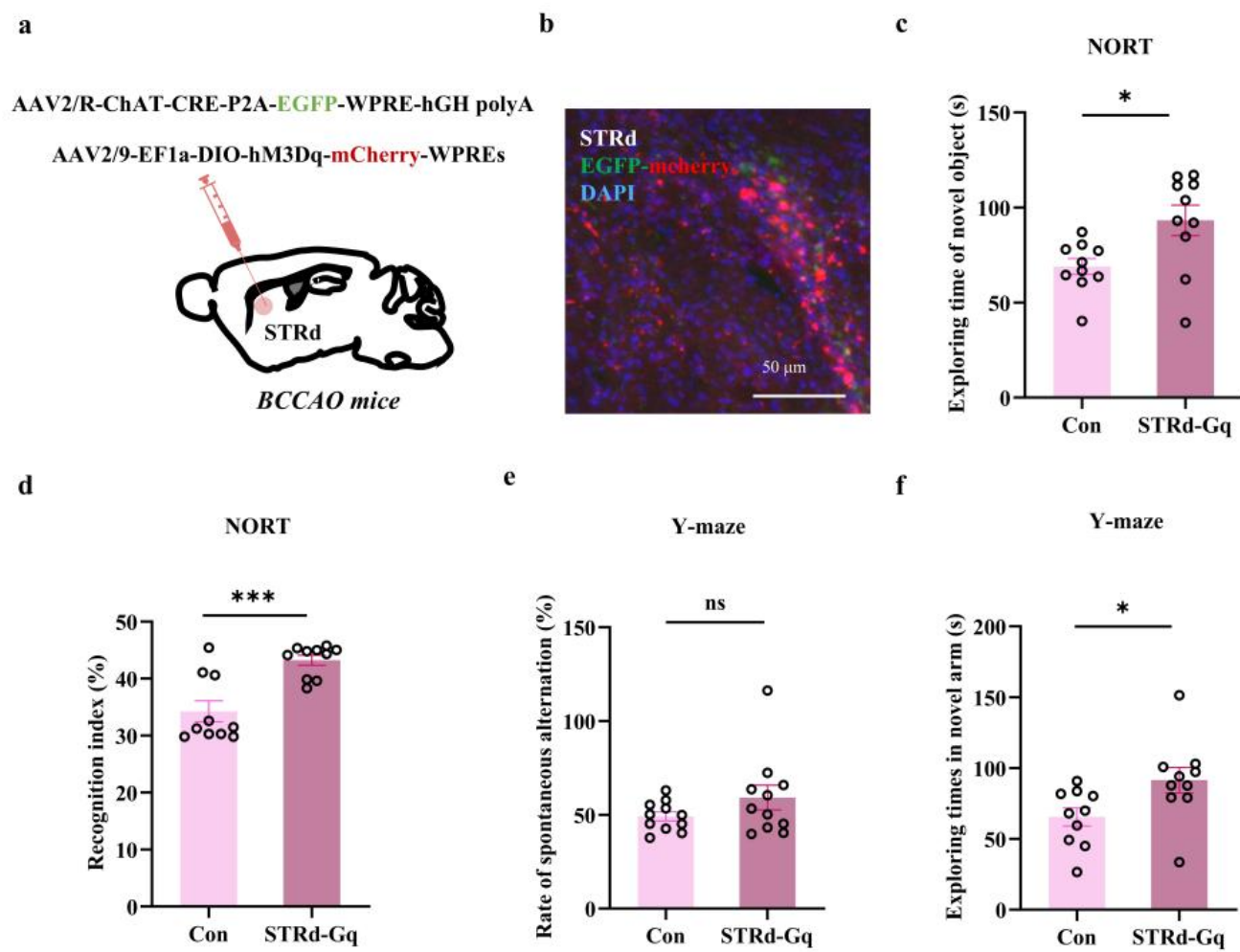


Fig. S5 Direct activation of STRd cholinergic neurons ameliorates cognitive impairment in VaD mice.

(a,b) Chemogenetic strategy for STRd in bilateral common carotid artery occlusion (BCCAO) mice. Scale bar = 50 μm. (c,d) Exploration time and discrimination index of the novel object in the Novel Object Recognition Test (NORT) ($n = 10$). (e,f) Exploration time in the open arm and spontaneous alternation rate in the Y-maze ($n = 10$). Data are expressed as mean±SEM; * $P < 0.05$, ** $P < 0.01$, *** $P < 0.001$, **** $P < 0.0001$; two-tailed unpaired Student's t-test (c-f).