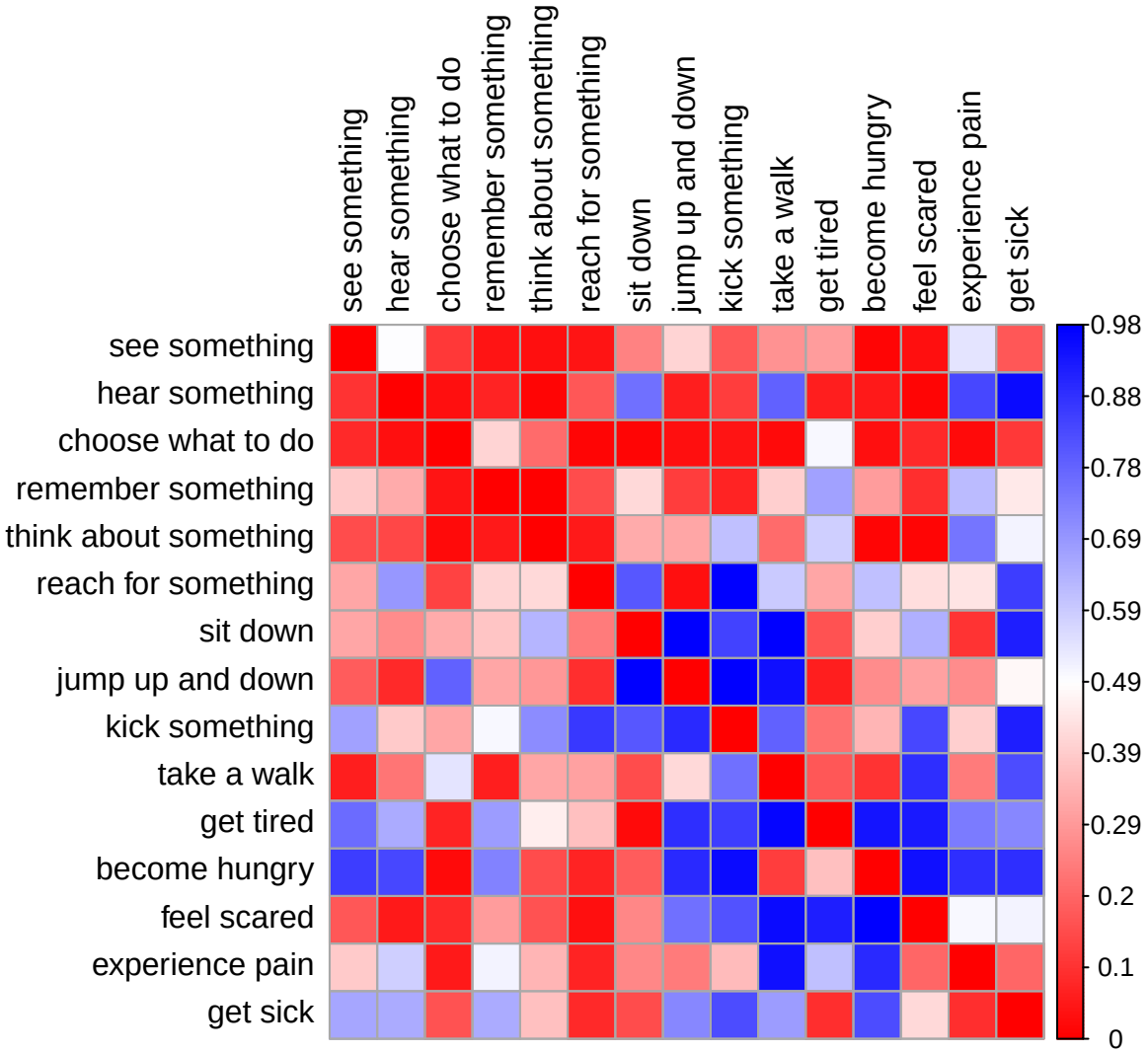Causal RDM − subj_48