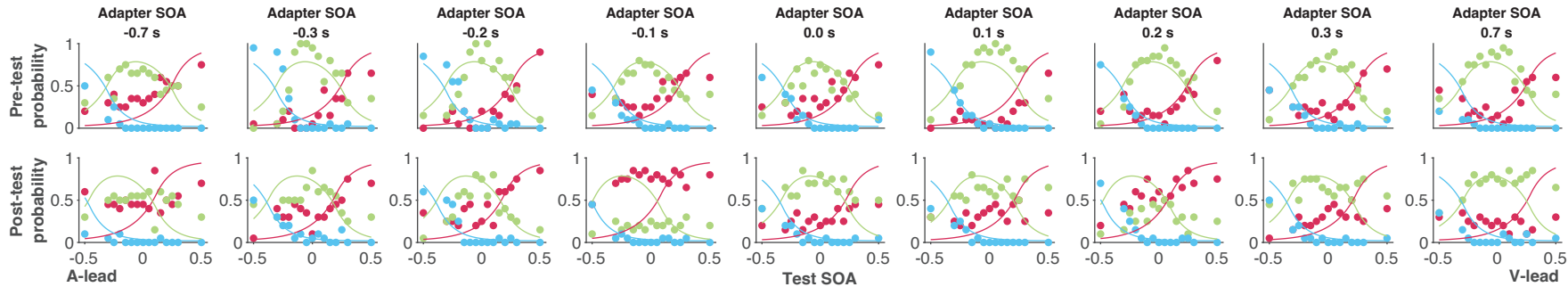Temporal-order-judgmenst of excluded participant