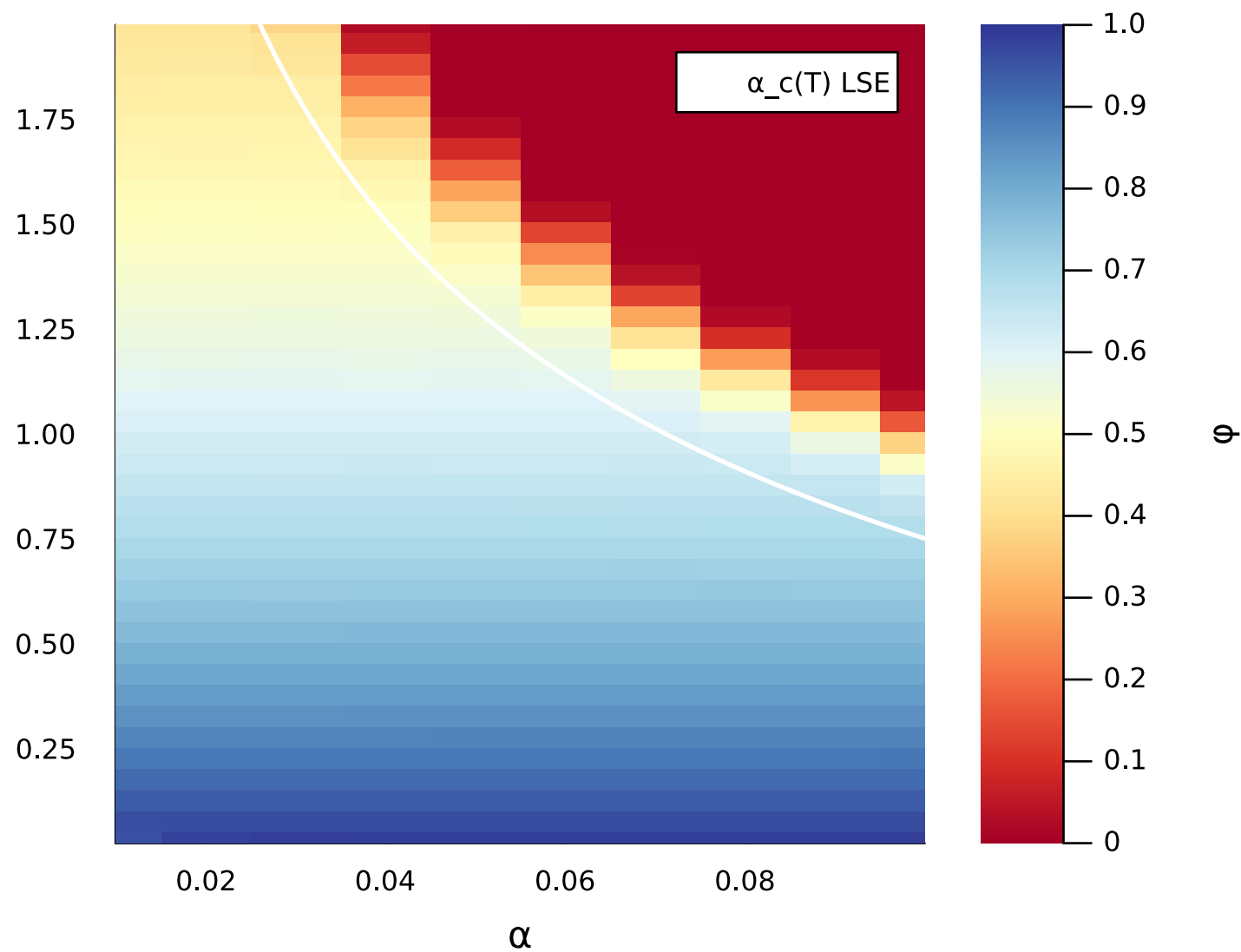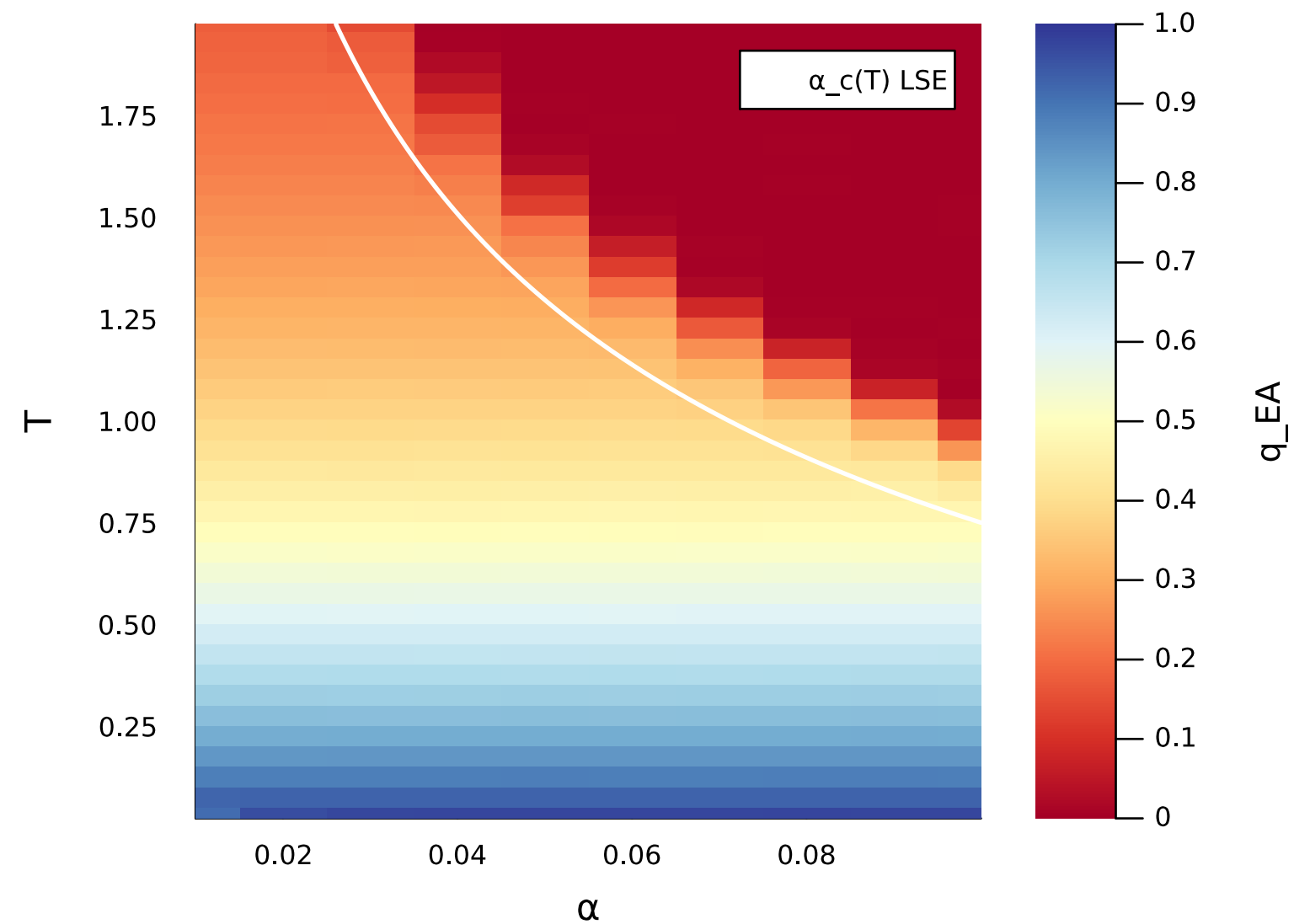LSE v7 Phase Diagram (two-replica q_EA)