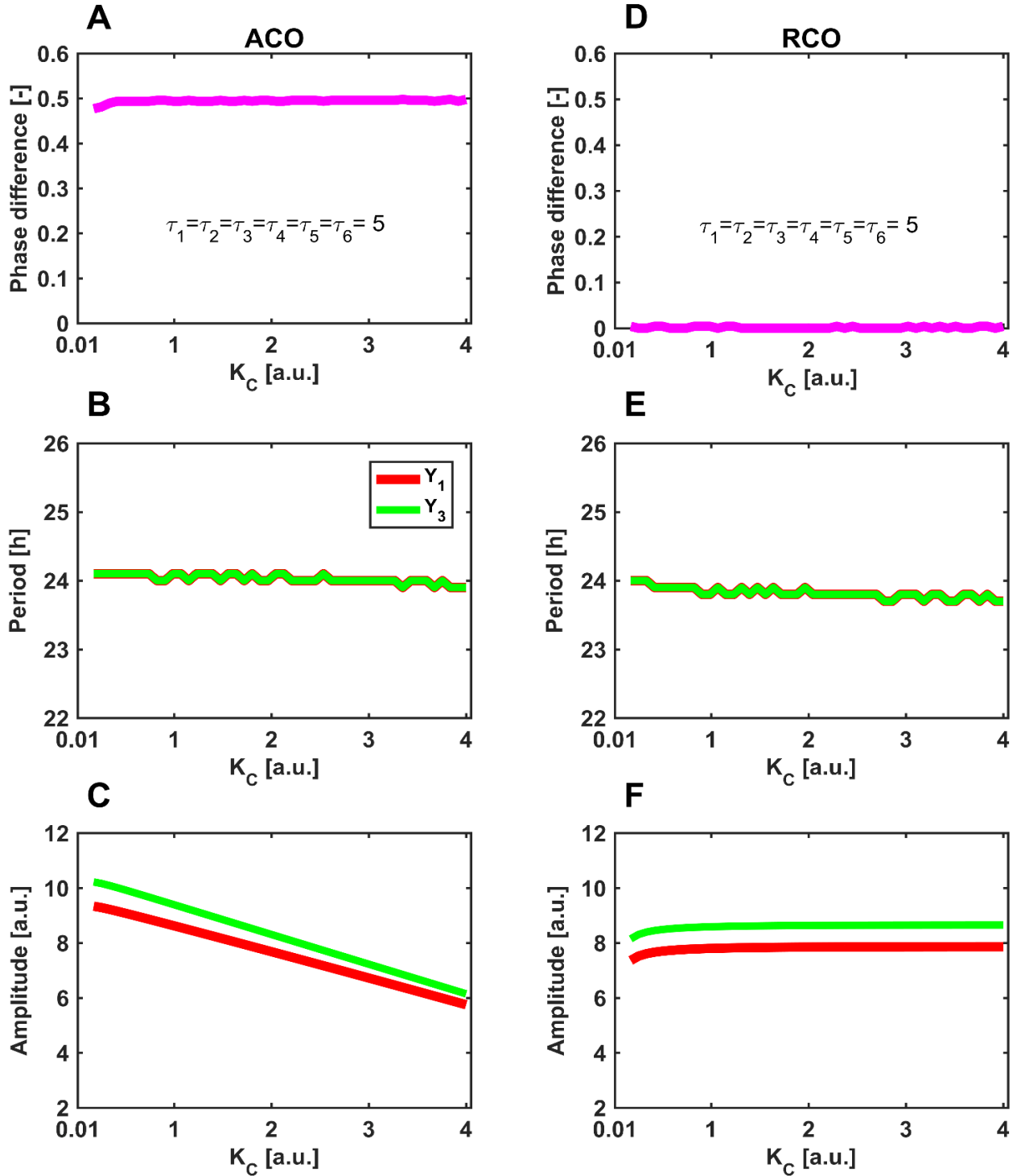# Coupling protocol of interlocked feedback oscillators in circadian clocks

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Figure S2. The phase difference, period and amplitude of the ACO and RCO models employed by the stochastic analysis

We varied the coupling dissociation constant K_C, while fixing the remaining parameter values (Table 1) and simulated the phase difference, period, and amplitude. We used the asymACO and asymRCO. For a unique time-delay of 5 h, the ACO provided the anti-phase oscillators (A); the RCO the in-phase oscillations (D).

The periods of the anti-phase ACO and in-phase RCO showed the robustness to a change in K_C (B, E). The amplitude of the anti-phase ACO decreased with an increase in K_C (C), while the in-phase RCO determined constant amplitude (F). The amplitude of the ACO is less robust than that of the RCO.