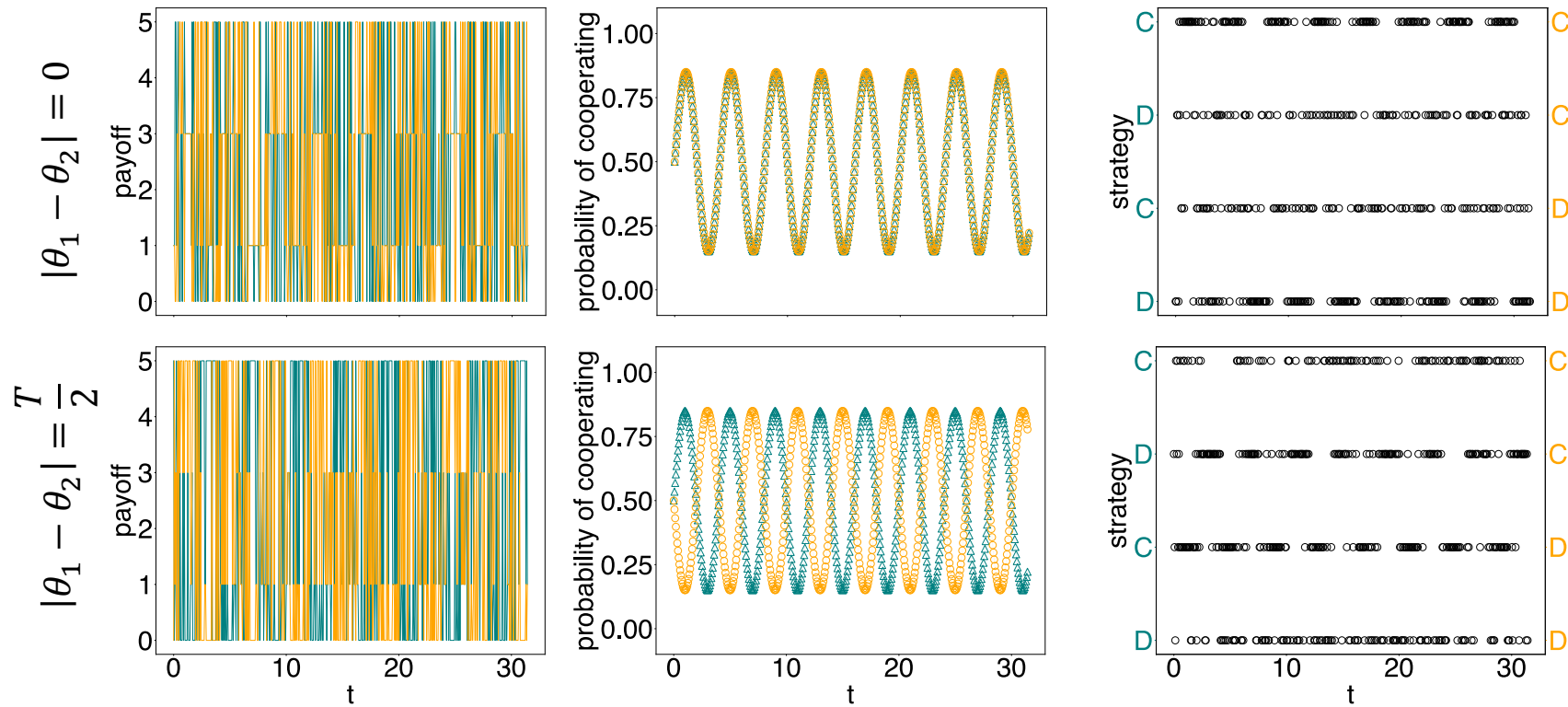


(a) $p_1^{(0)} = p_2^{(0)} = 0.5$



(b) $p_1^{(0)} = 0, p_2^{(0)} = 1$

