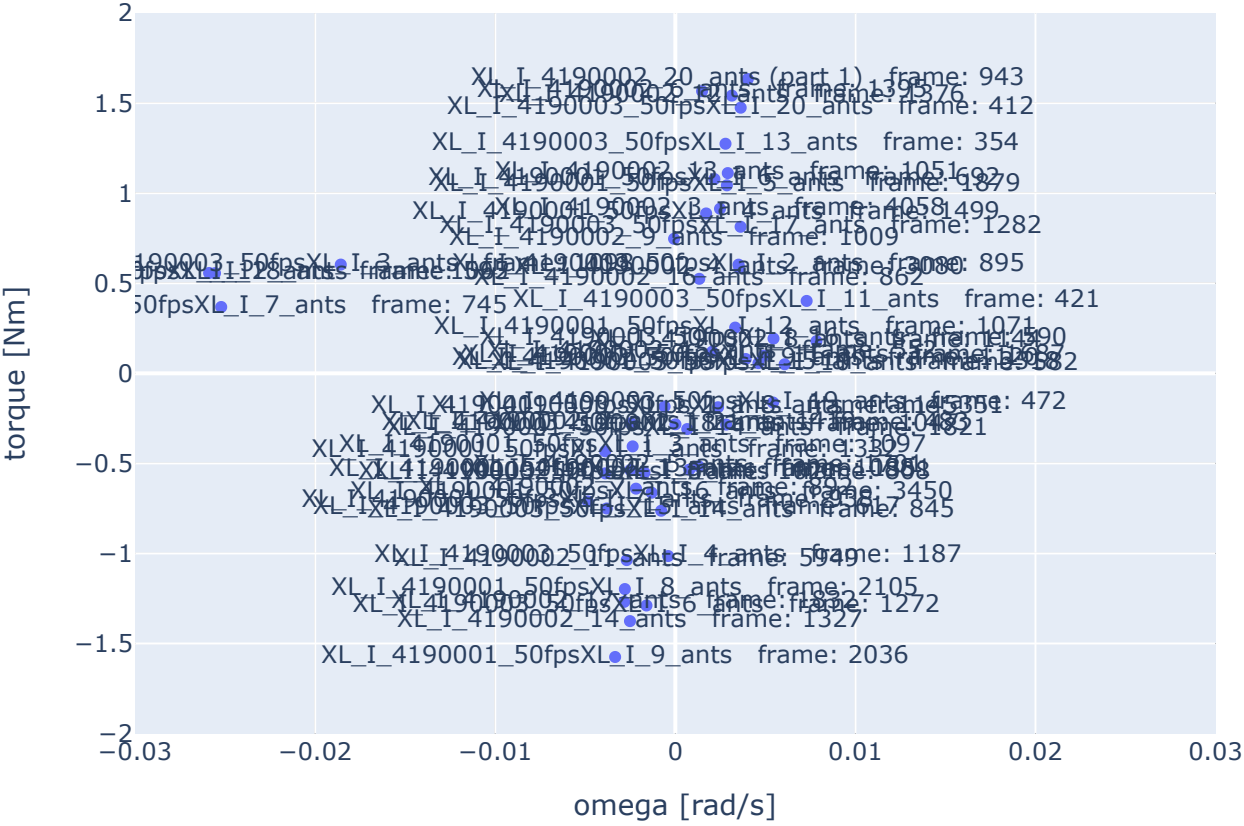torque_vs_omega