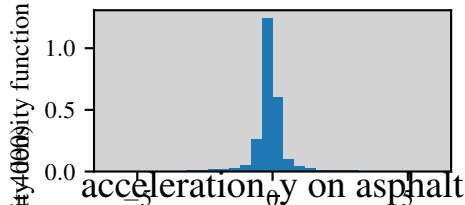
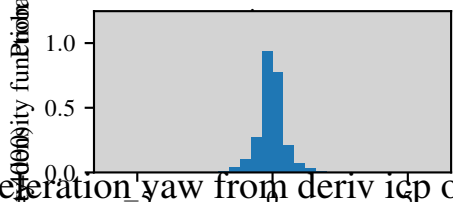


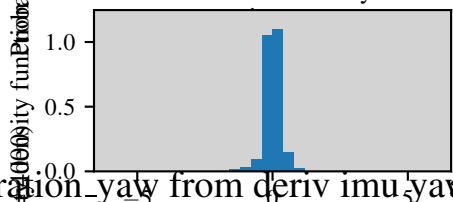
Acceleration_histogram for all types of terrain
 acceleration_x on asphalt



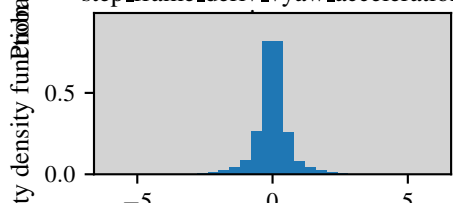
imu_acceleration_x



imu_acceleration_y

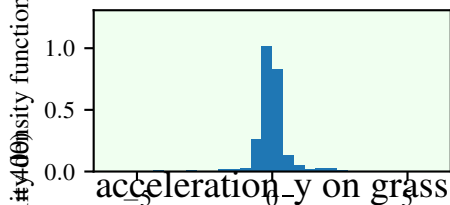


step_frame_deriv_vyaw_acceleration

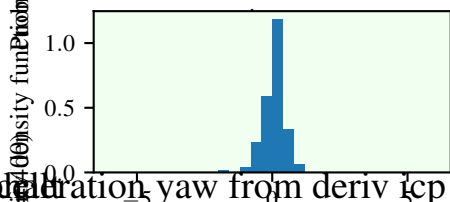


imu_deriv_vyaw_acceleration
 transient_state

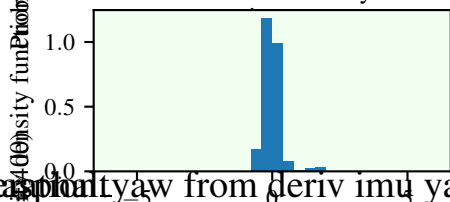
acceleration_x on grass



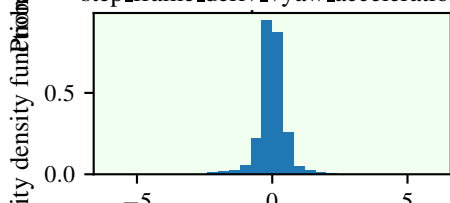
imu_acceleration_x



imu_acceleration_y



step_frame_deriv_vyaw_acceleration



imu_deriv_vyaw_acceleration
 transient_state