

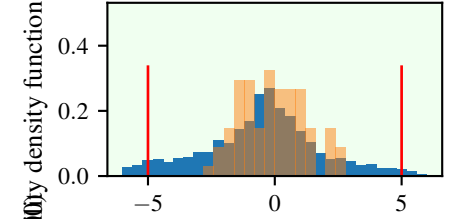
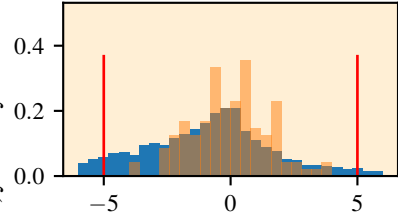
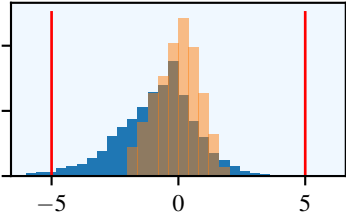
transientAcceleration_histogram for all_types_of_terrain

— System limits, — Measured acceleration, — Theoretical acceleration

acceleration_x on ice

acceleration_x on gravel

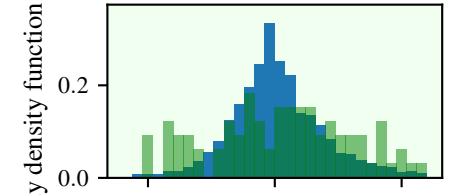
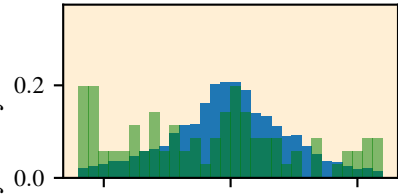
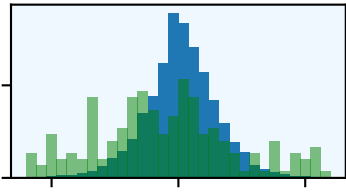
acceleration_x on grass



imu_acceleration_x
transient_state

imu_acceleration_x
transient_state

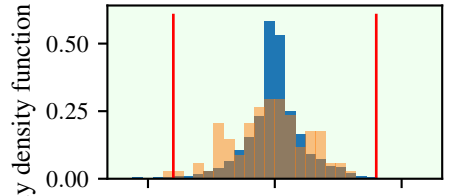
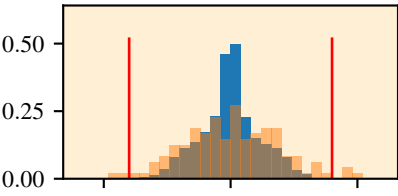
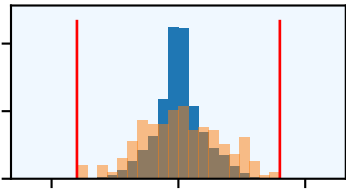
imu_acceleration_x
transient_state



acceleration_y from
imu_acceleration_y
transient_state

acceleration_y from
imu_acceleration_y
transient_state

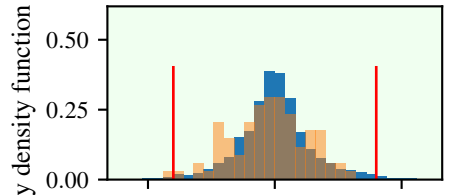
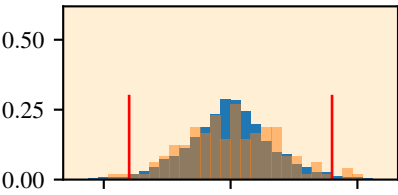
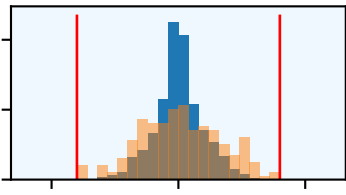
acceleration_y from
imu_acceleration_y
transient_state



acceleration_yaw from
step frame deriv_vyaw acceleration
transient_state

acceleration_yaw from
step frame deriv_vyaw acceleration
transient_state

acceleration_yaw from
step frame deriv_vyaw acceleration
transient_state



imu_deriv_vyaw_acceleration
transient_state

imu_deriv_vyaw_acceleration
transient_state

imu_deriv_vyaw_acceleration
transient_state

Probability density function (n = 7880)

Probability density function (n = 4800)

Probability density function (n = 3400)