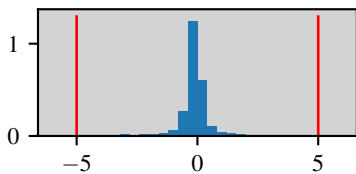
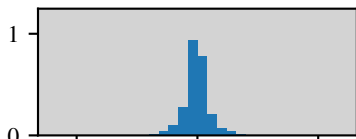


probability density function (n = 4000)

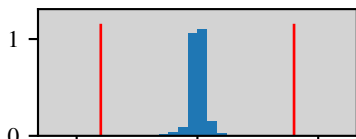
transientAcceleration\_histogram for all types of terrain  
acceleration\_x on asphalt



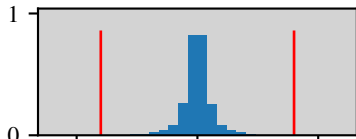
acceleration\_y on asphalt  
transient\_state



acceleration\_yaw from  
derivative\_yaw on asphalt  
transient\_state



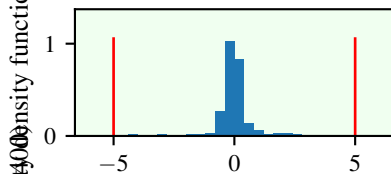
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derivative\_yaw\_vel on asphalt  
transient\_state



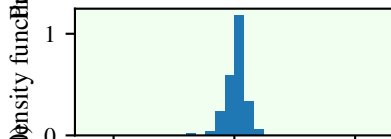
imu\_deriv\_vyaw\_acceleration  
transient\_state

probability density function (n = 4000)

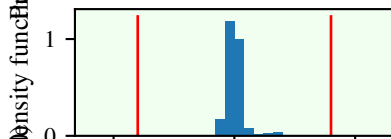
transientAcceleration\_histogram for all types of terrain  
acceleration\_x on grass



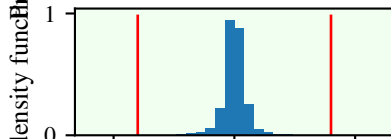
acceleration\_y on grass  
transient\_state



acceleration\_yaw from  
derivative\_yaw on grass  
transient\_state



acceleration\_yaw from  
derivative\_yaw\_vel on grass  
transient\_state



imu\_deriv\_vyaw\_acceleration  
transient\_state