

Distribution 1

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August 2019

Distributions of 6 columns of "dataset.csv"

AccelX

Data-set resembles GyroX

AccelY

Data-set resembles GyroY

AccelZ

Data-set resembles GyroZ

GyroX

Best fitting distribution: beta

Best p value: 0.0007536614057695194

GyroY

Best fitting distribution: dweibull

Best p value: 3.899775228884254e-06

GyroZ

Best fitting distribution: gausshyper

Best p value: 1.2878567922820293e-06

Distributions of 6 columns of "continuous_walking_sensor_data.csv"

AccelX

Best fitting distribution: laplace
Best p value: 1.7285240308447375e-34

AccelY

Best fitting distribution: gumbel_l
Best p value: 2.828282978996861e-82

AccelZ

Best fitting distribution: beta
Best p value: 2.3629545621076828e-08

GyroX

Best fitting distribution: genlogistic
Best p value: 0.03926495516576162

GyroY

Best fitting distribution: johnsonsu
Best p value: 1.0158826178001478e-06

GyroZ

Best fitting distribution: nct
Best p value: 0.048612302122491846

Distributions of 6 columns of "sensor_data_2019_1208_11_12_22.csv"

AccelerometerX

Best fitting distribution: johnsonsu
Best p value: 0.0026521518067236403

AccelerometerY

Best fitting distribution: gumbel_l
Best p value: 0.002006666371989597

AccelerometerZ

Best fitting distribution: beta
Best p value: 0.1989178732036598

GyroX

Best fitting distribution: genlogistic
Best p value: 0.009577727862228758

GyroY

Best fitting distribution: johnsonsu
Best p value: 0.2421202834592107

GyroZ

Best fitting distribution: johnsonsu
Best p value: 0.377535802829651