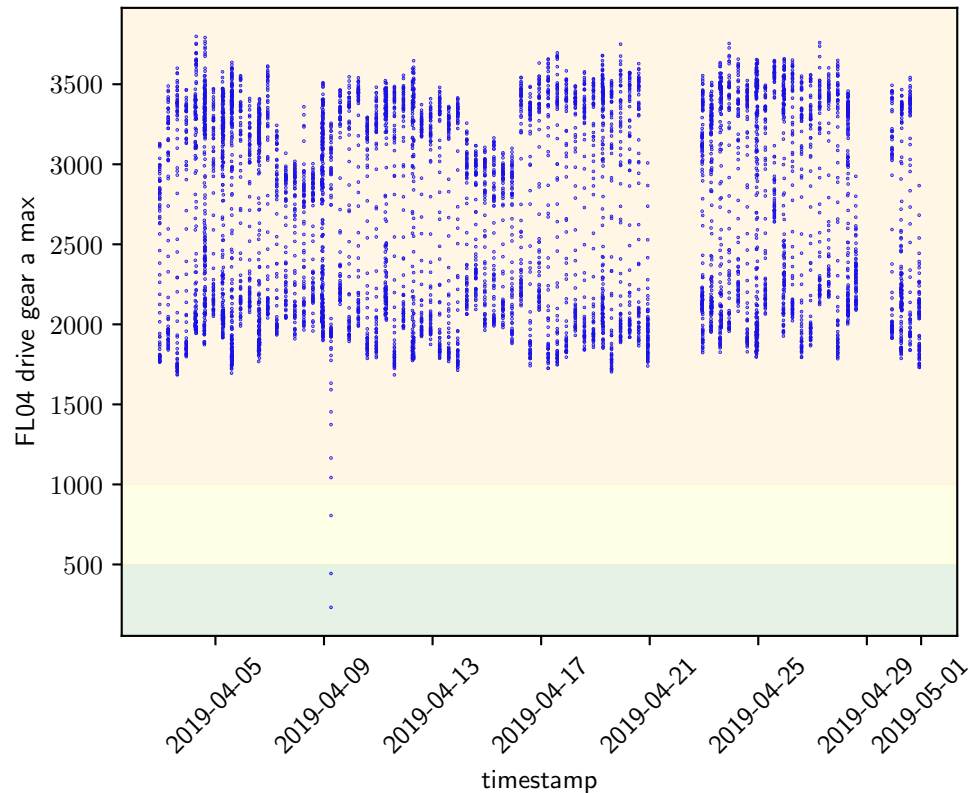


Diagnosis for FL04

Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive gear a max

Good: 7/29336
Satisfactory: 9/29336
Unsatisfactory: 29320/29336
Unacceptable: 0/29336

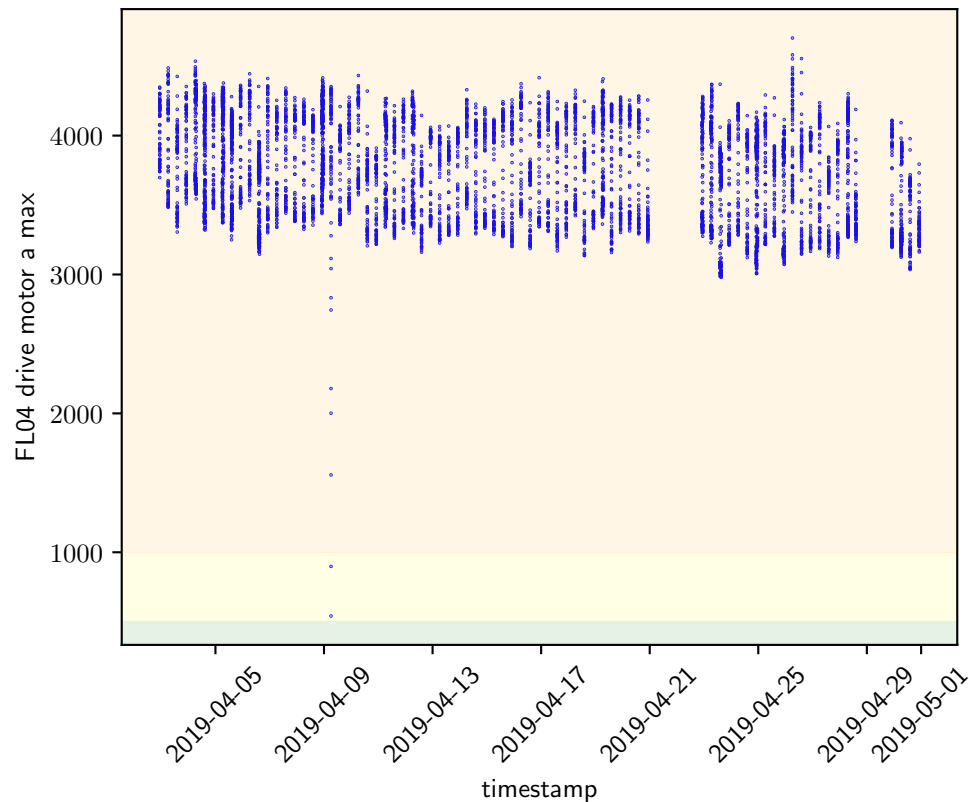
Unsatisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive motor a max

Good: 0/29336
Satisfactory: 7/29336
Unsatisfactory: 29329/29336
Unacceptable: 0/29336

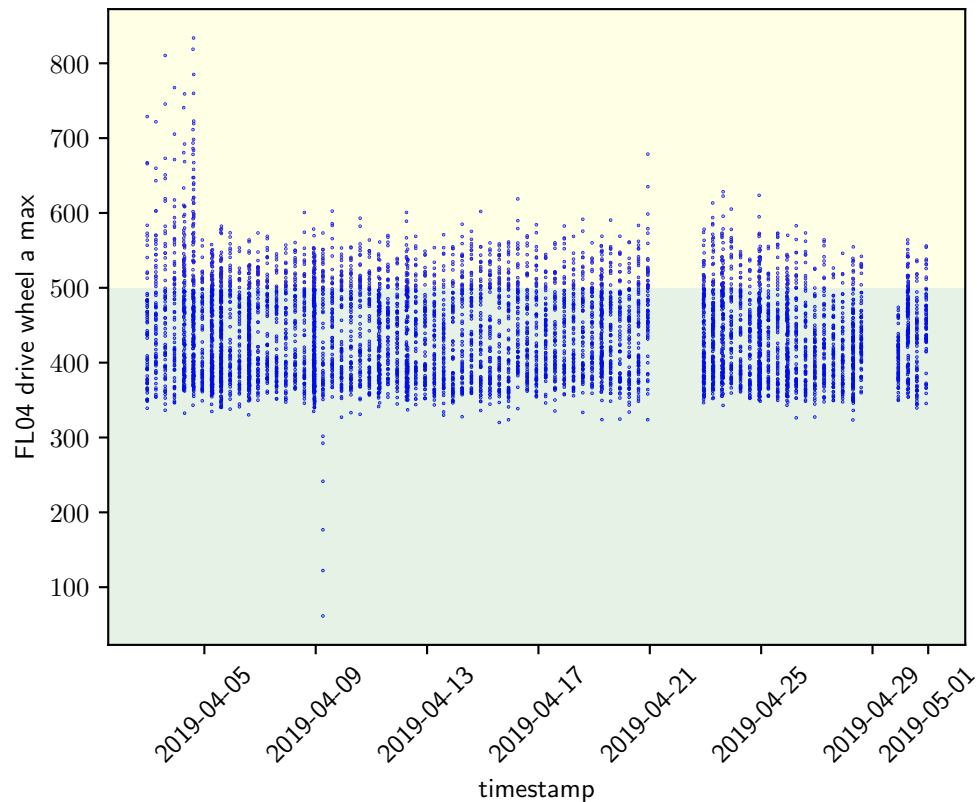
Unsatisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive wheel a max

Good: 25007/29323
Satisfactory: 4316/29323
Unsatisfactory: 0/29323
Unacceptable: 0/29323

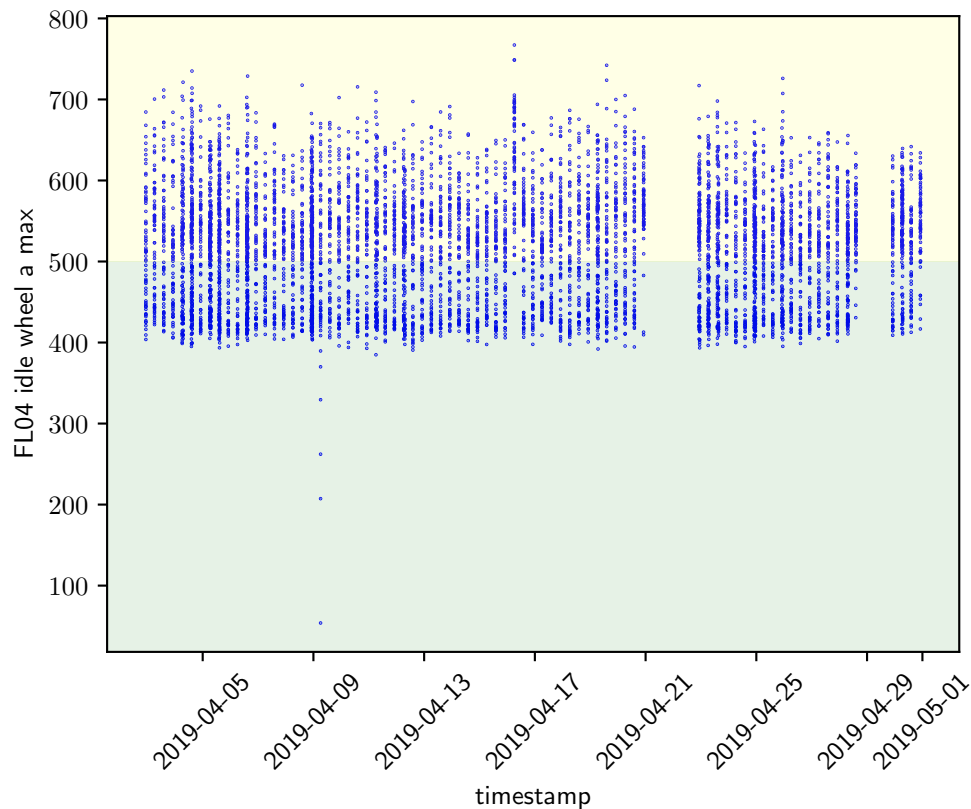
Satisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - idle wheel a max

Good: 11918/29323
Satisfactory: 17405/29323
Unsatisfactory: 0/29323
Unacceptable: 0/29323

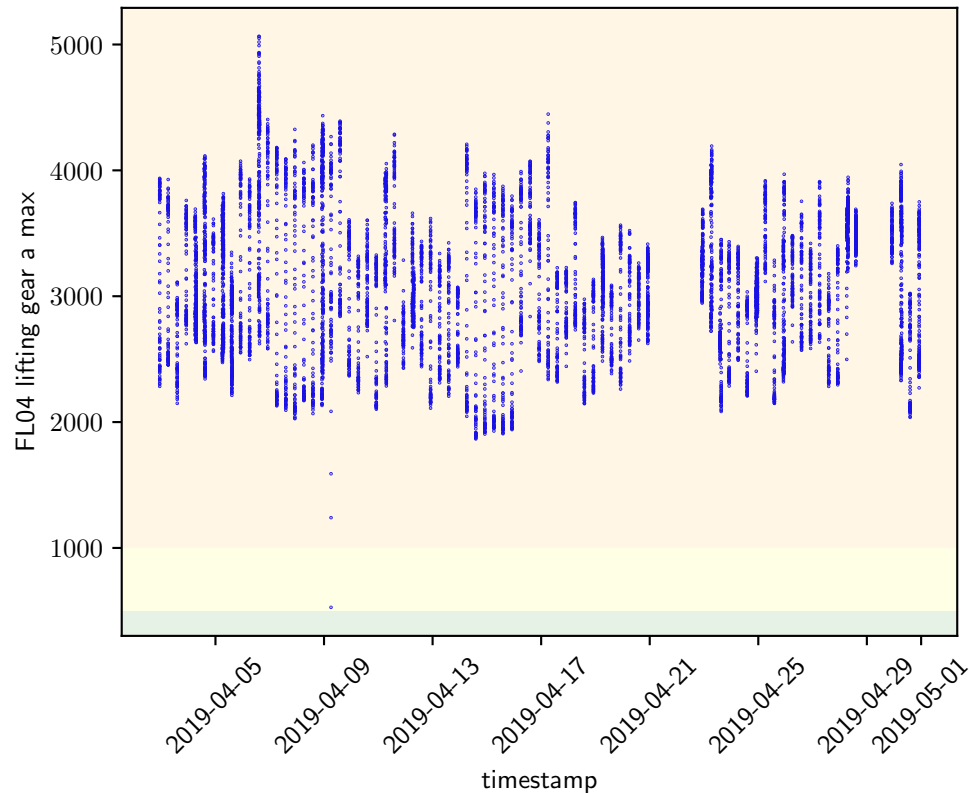
Satisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - lifting gear a max

Good: 25/39520
Satisfactory: 16/39520
Unsatisfactory: 39479/39520
Unacceptable: 0/39520

Unsatisfactory



Categorization check

start: 2019-04-01, end: 2019-05-01

FL04 - lifting motor a max

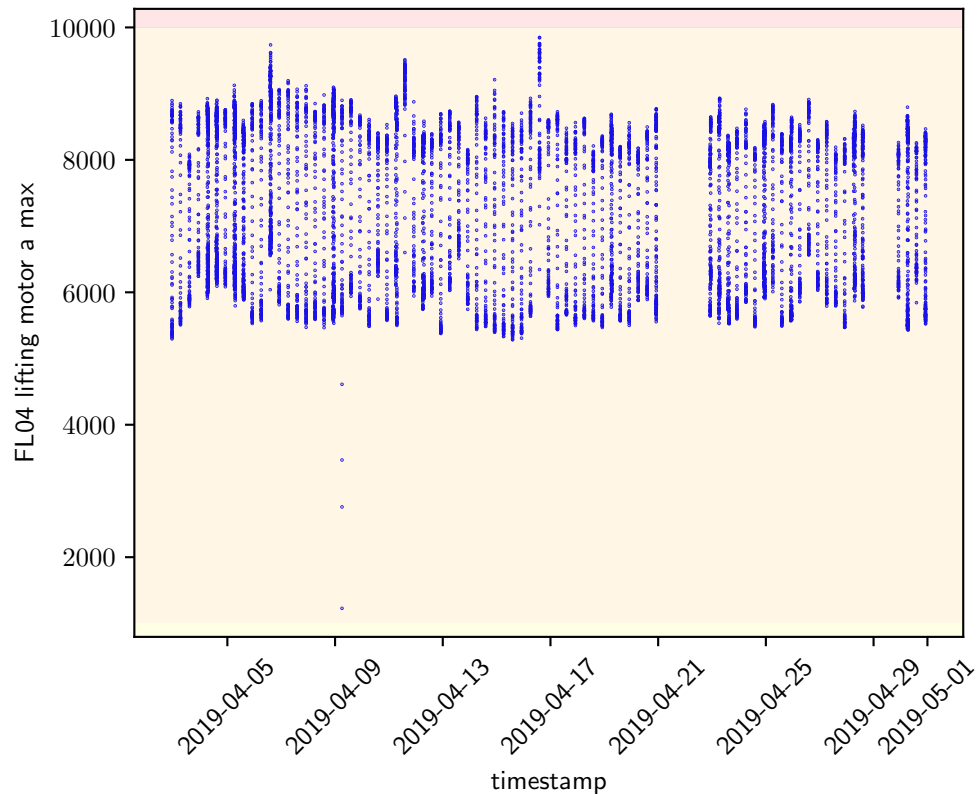
Good: 14/39520

Satisfactory: 10/39520

Unsatisfactory: 39496/39520

Unacceptable: 0/39520

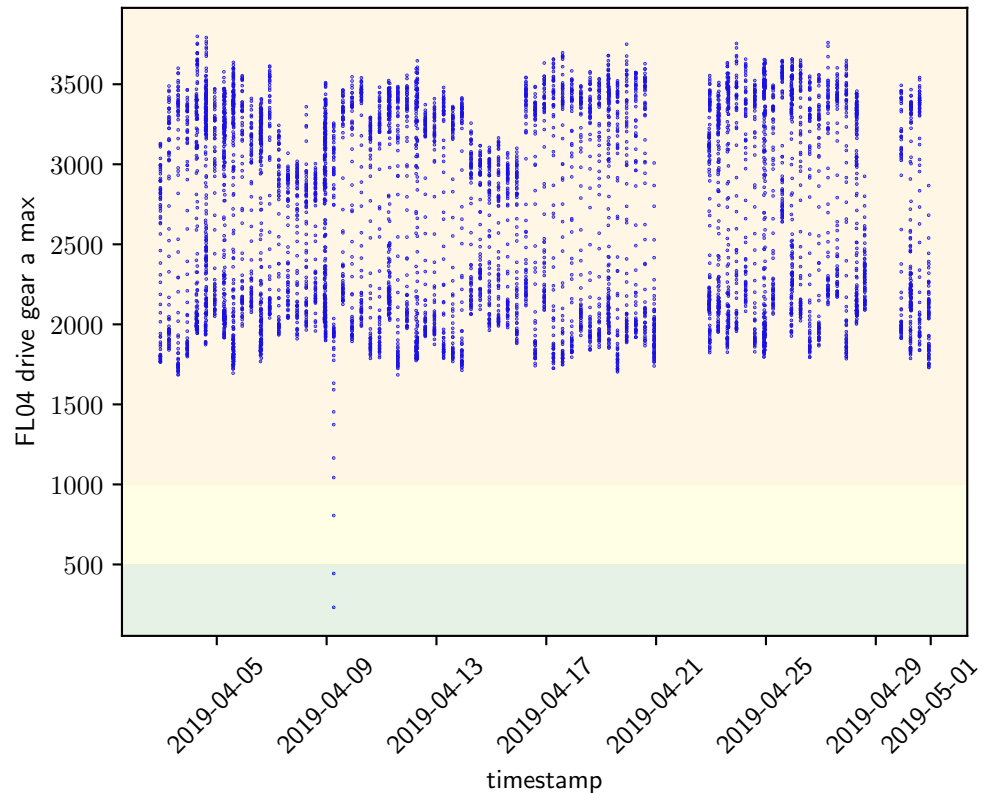
Unsatisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive gear a max

Good: 2/7033
Satisfactory: 1/7033
Unsatisfactory: 7030/7033
Unacceptable: 0/7033

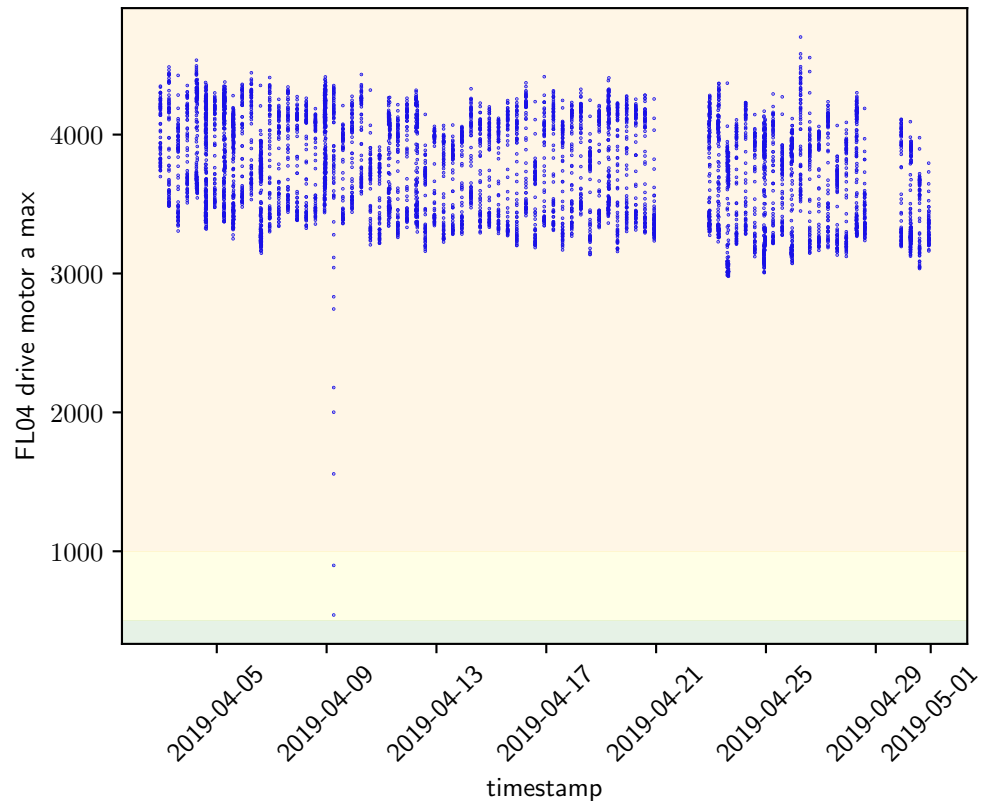
Unsatisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive motor a max

Good: 0/7033
Satisfactory: 2/7033
Unsatisfactory: 7031/7033
Unacceptable: 0/7033

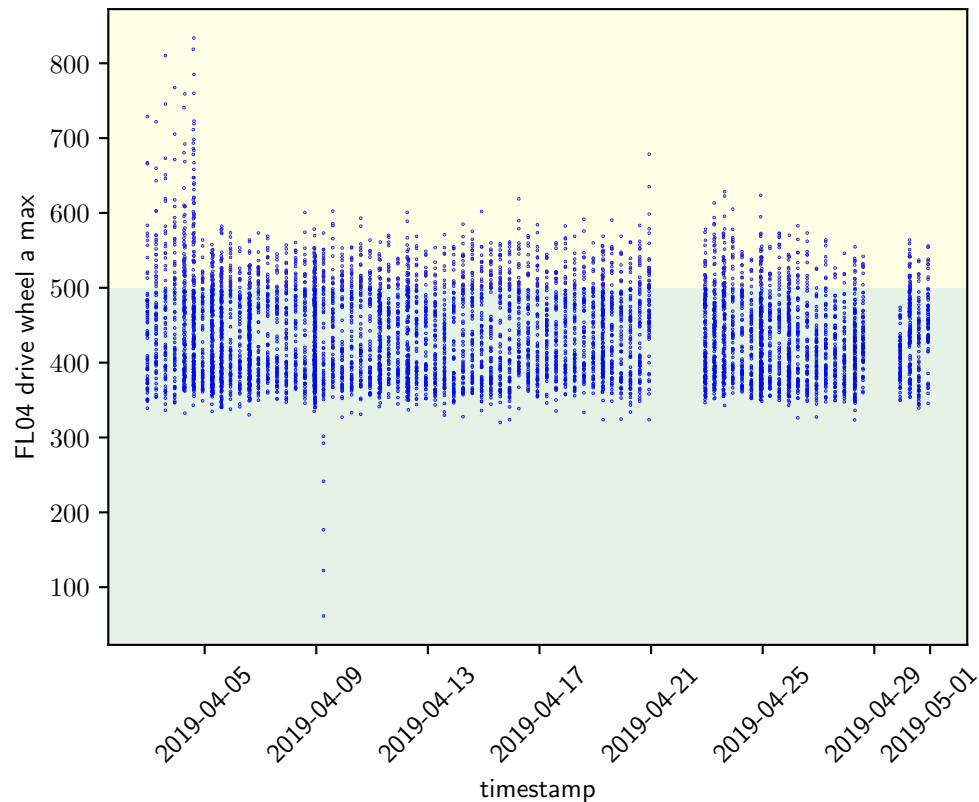
Unsatisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive wheel a max

Good: 5749/7028
Satisfactory: 1279/7028
Unsatisfactory: 0/7028
Unacceptable: 0/7028

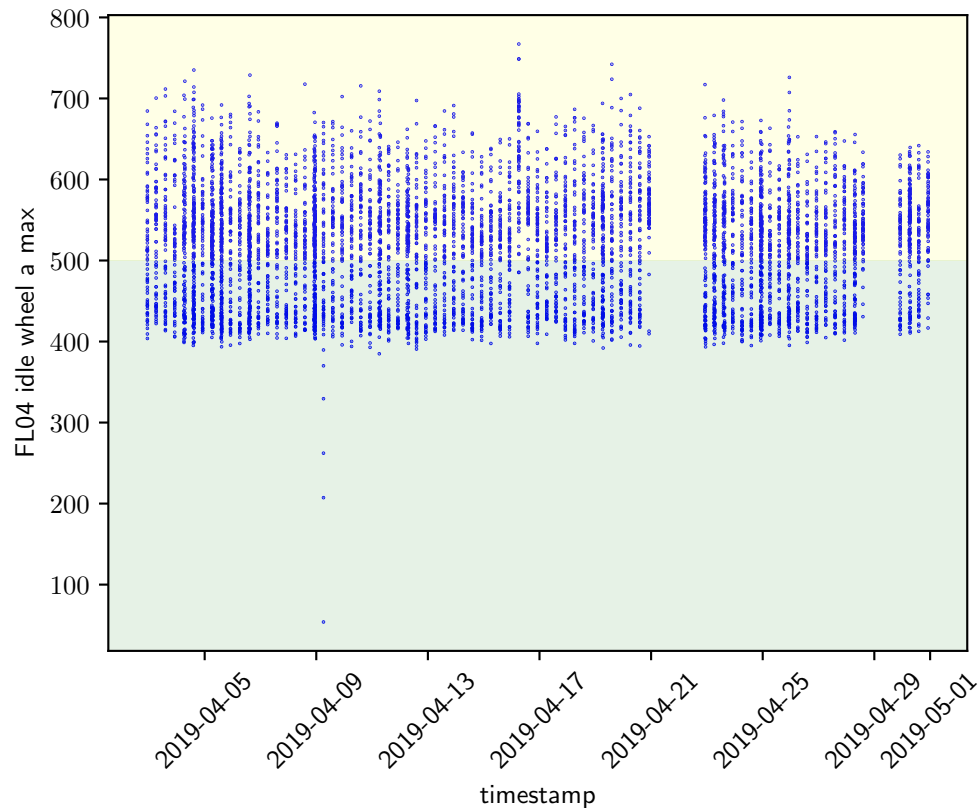
Satisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - idle wheel a max

Good: 2708/7029
Satisfactory: 4321/7029
Unsatisfactory: 0/7029
Unacceptable: 0/7029

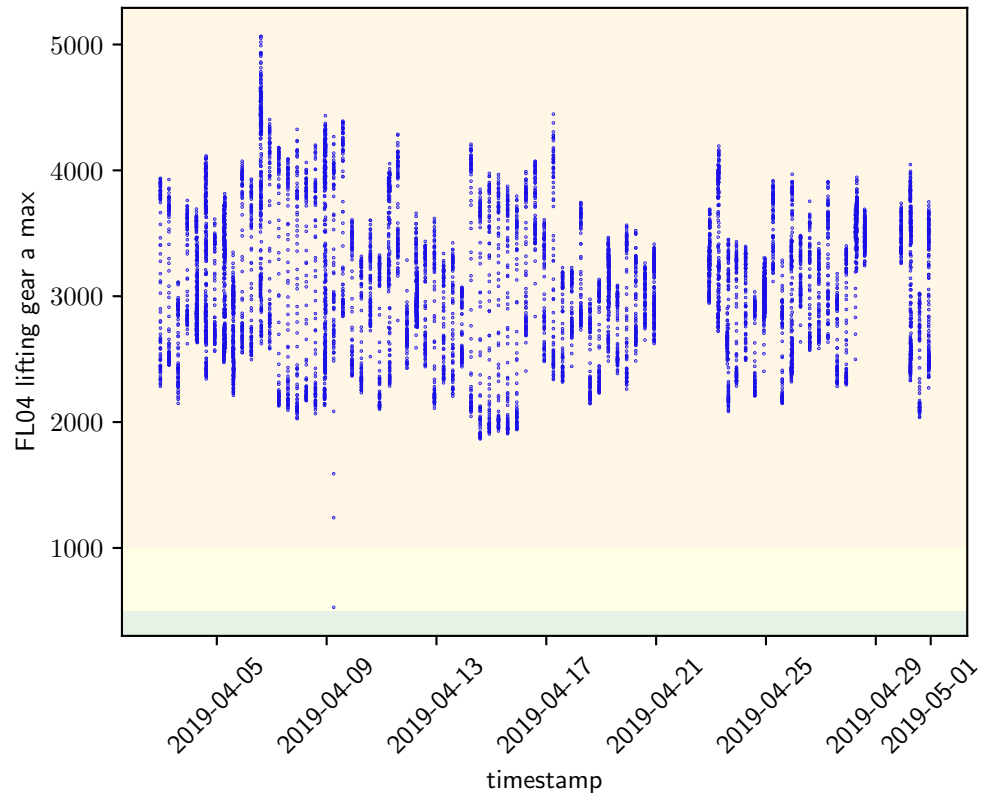
Satisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - lifting gear a max

Good: 0/9304
Satisfactory: 1/9304
Unsatisfactory: 9303/9304
Unacceptable: 0/9304

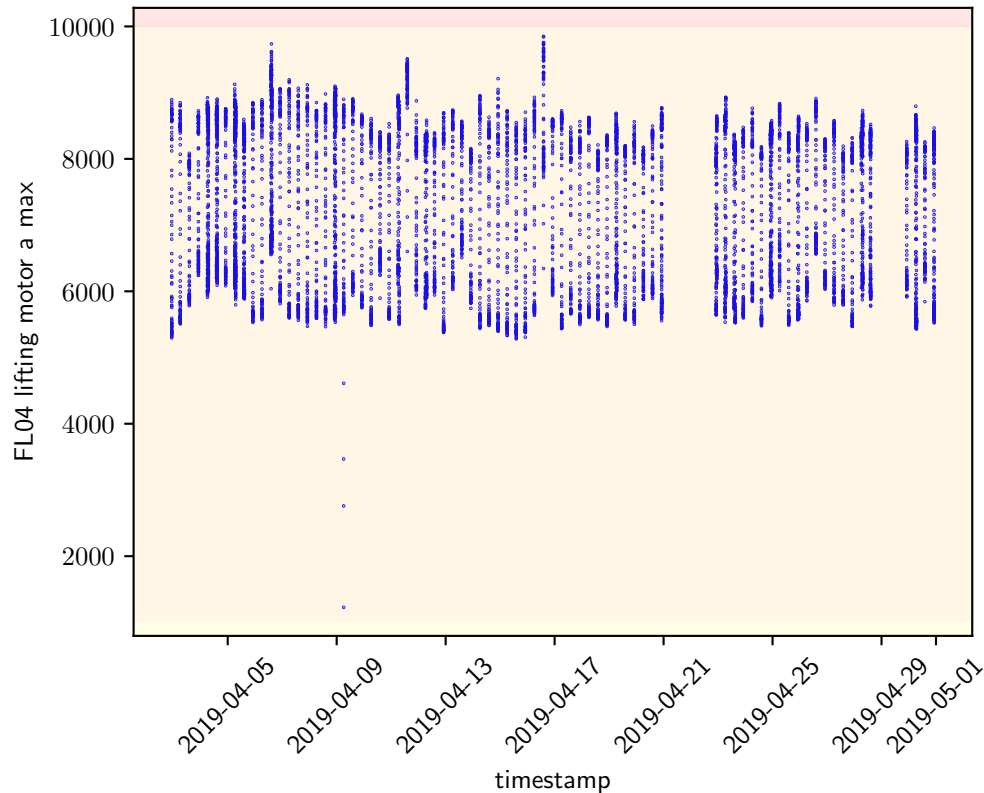
Unsatisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - lifting motor a max

Good: 0/9304
Satisfactory: 0/9304
Unsatisfactory: 9304/9304
Unacceptable: 0/9304

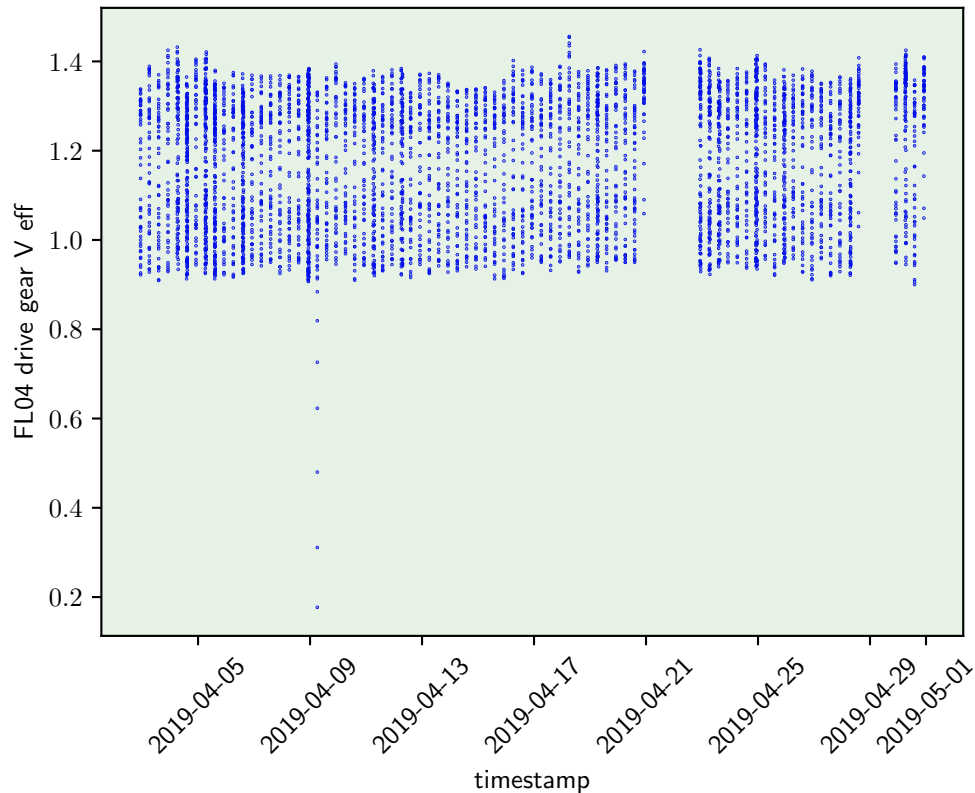
Unsatisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive gear V eff

Good: 20438/20438
Satisfactory: 0/20438
Unsatisfactory: 0/20438
Unacceptable: 0/20438

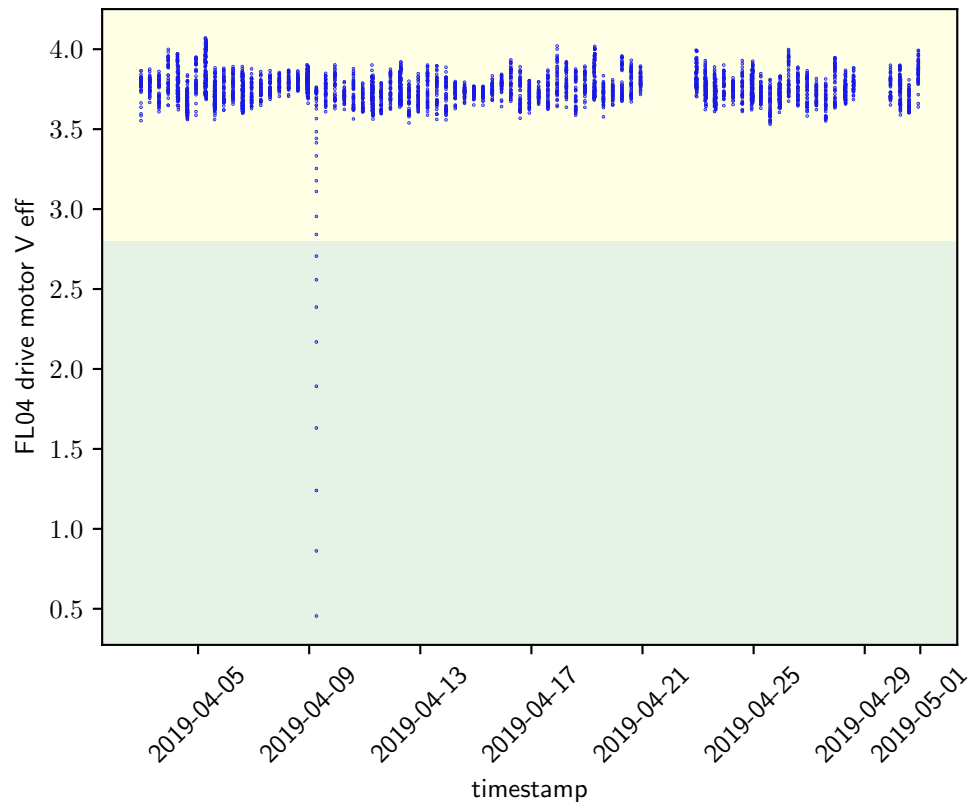
Good



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive motor V eff

Good: 45/20612
Satisfactory: 20567/20612
Unsatisfactory: 0/20612
Unacceptable: 0/20612

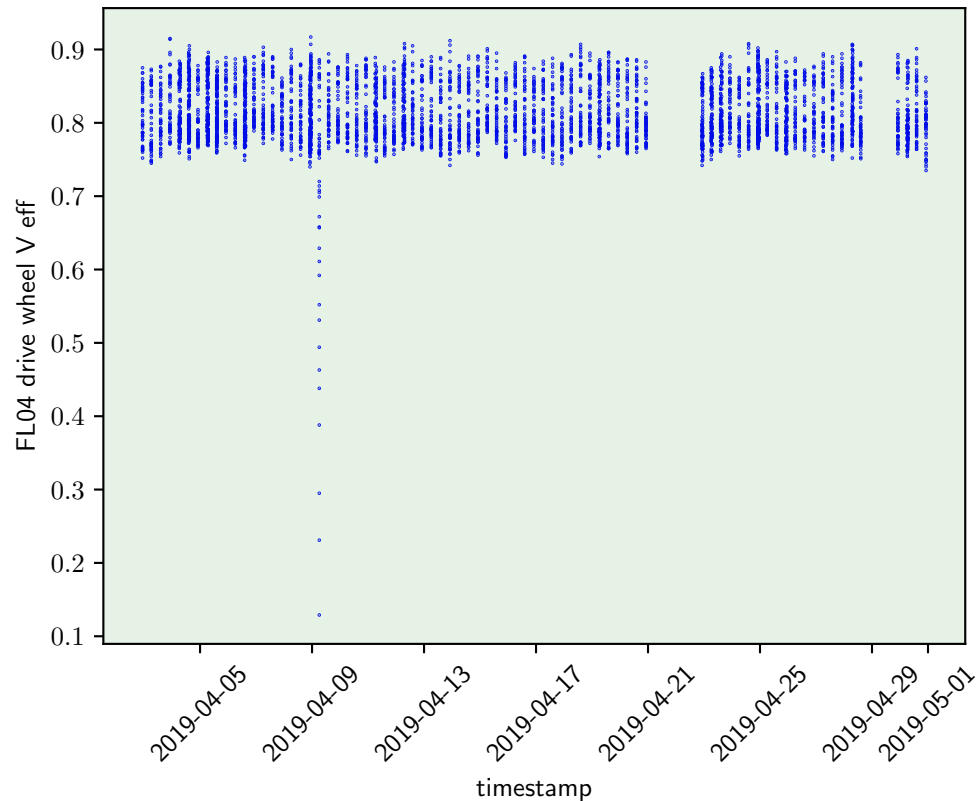
Satisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive wheel V eff

Good: 20407/20407
Satisfactory: 0/20407
Unsatisfactory: 0/20407
Unacceptable: 0/20407

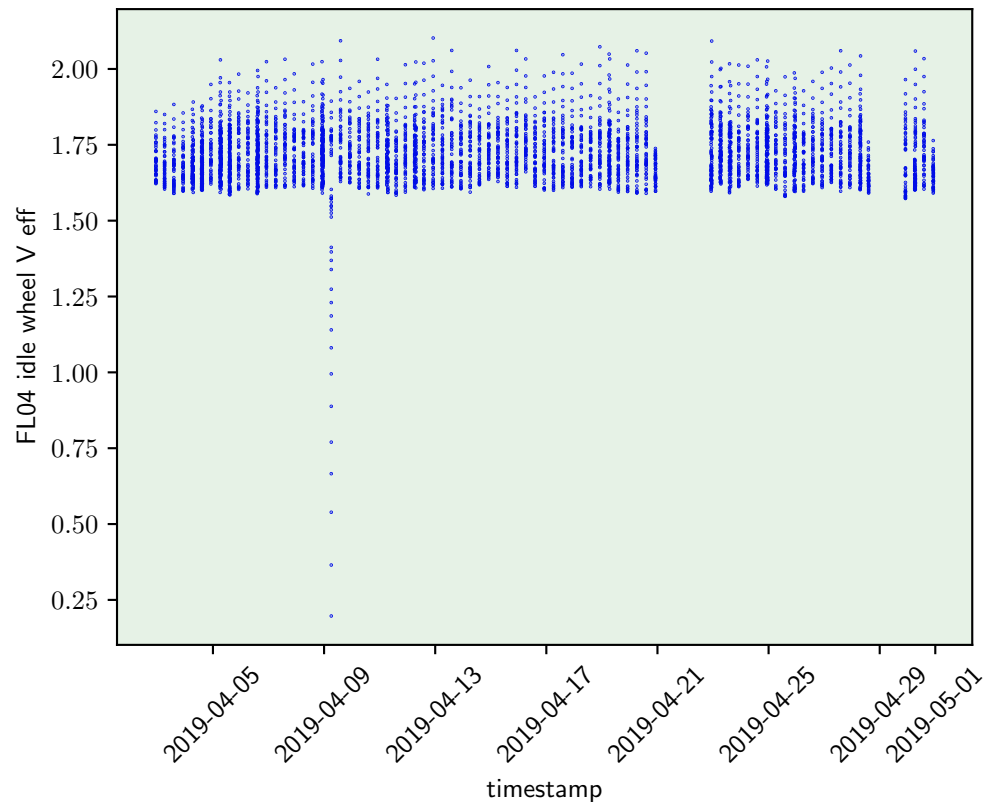
Good



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - idle wheel V eff

Good: 20293/20293
Satisfactory: 0/20293
Unsatisfactory: 0/20293
Unacceptable: 0/20293

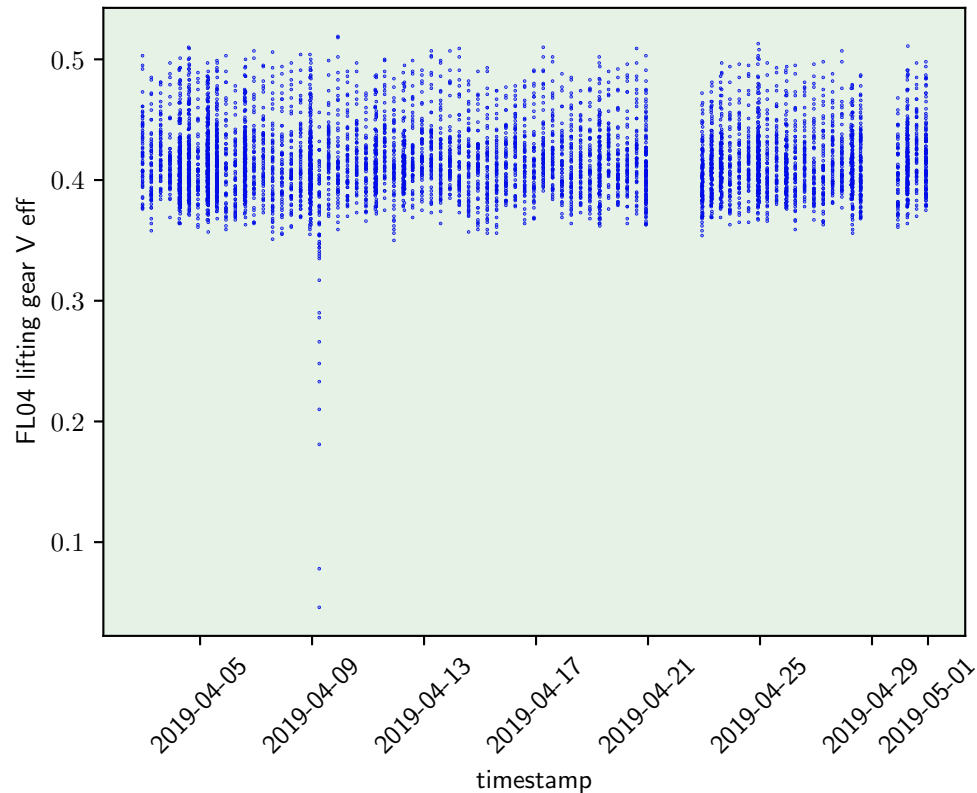
Good



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - lifting gear V eff

Good: 27183/27183
Satisfactory: 0/27183
Unsatisfactory: 0/27183
Unacceptable: 0/27183

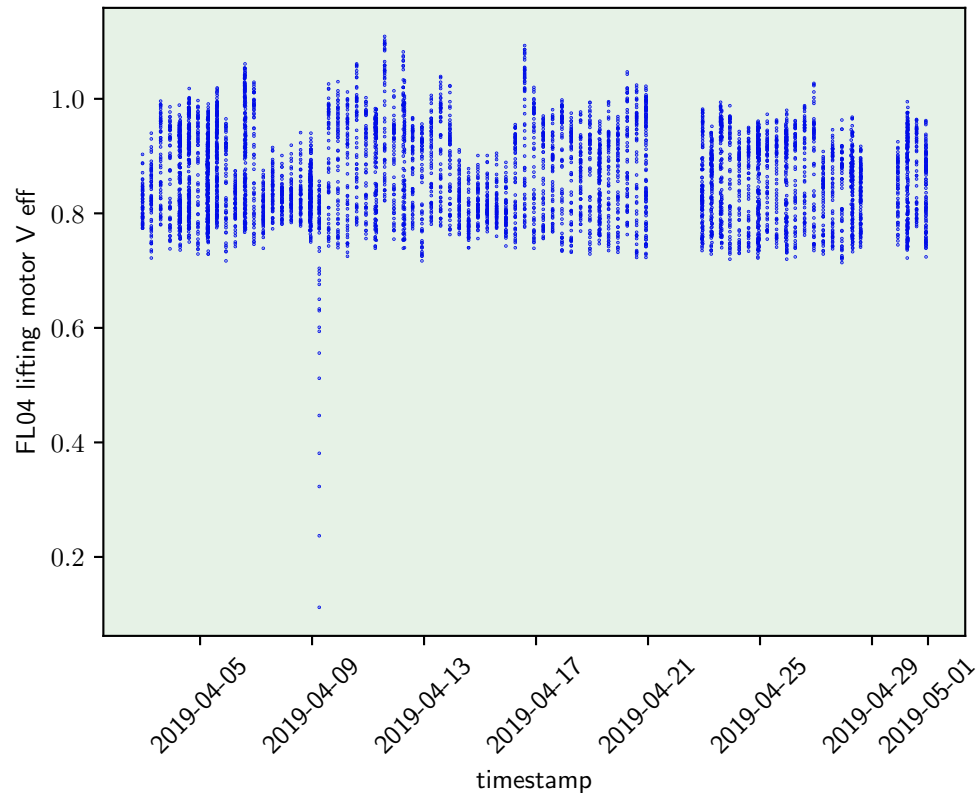
Good



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - lifting motor V eff

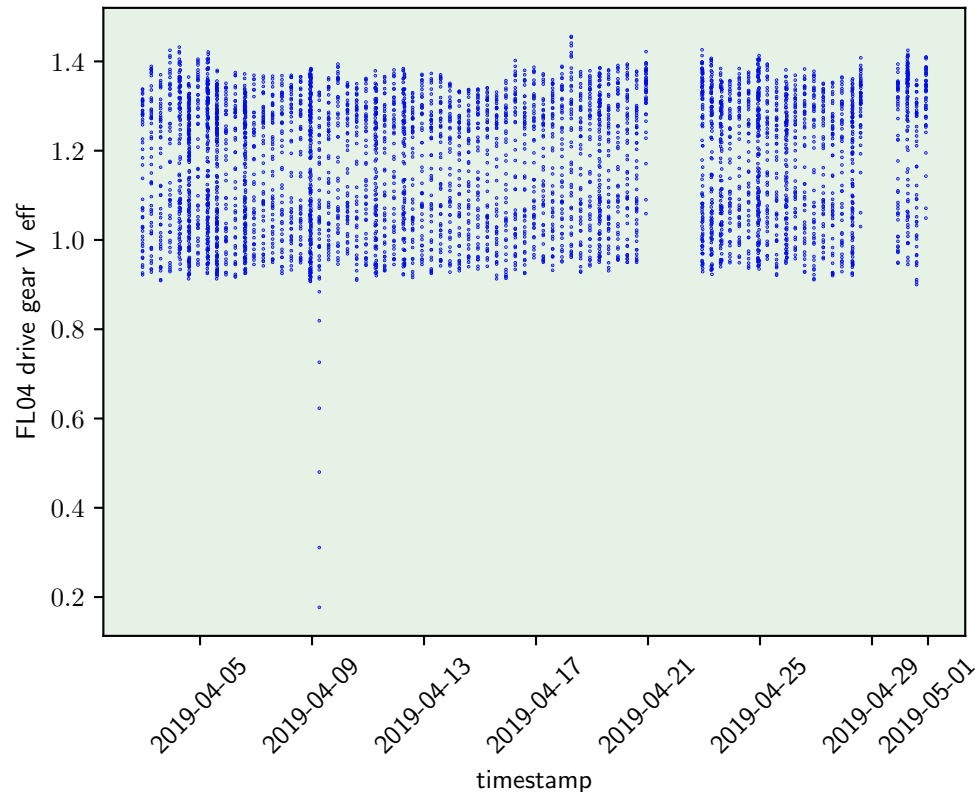
Good: 27678/27678
Satisfactory: 0/27678
Unsatisfactory: 0/27678
Unacceptable: 0/27678

Good



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive gear V eff

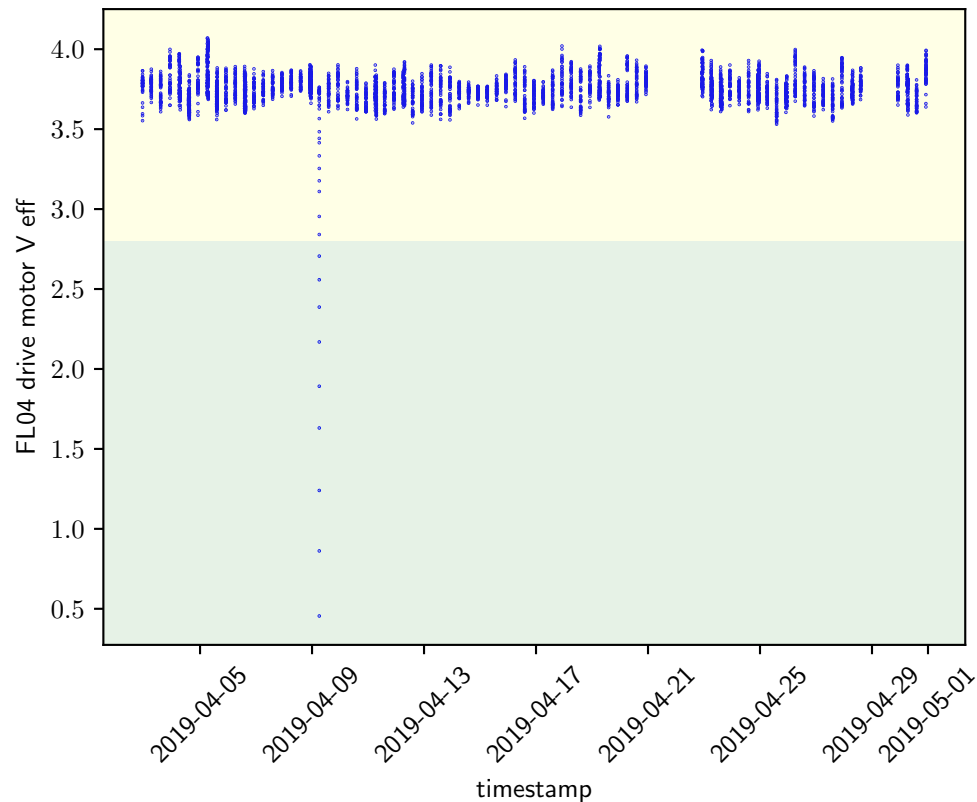
Good: 4925/4925
Satisfactory: 0/4925
Unsatisfactory: 0/4925
Unacceptable: 0/4925



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive motor V eff

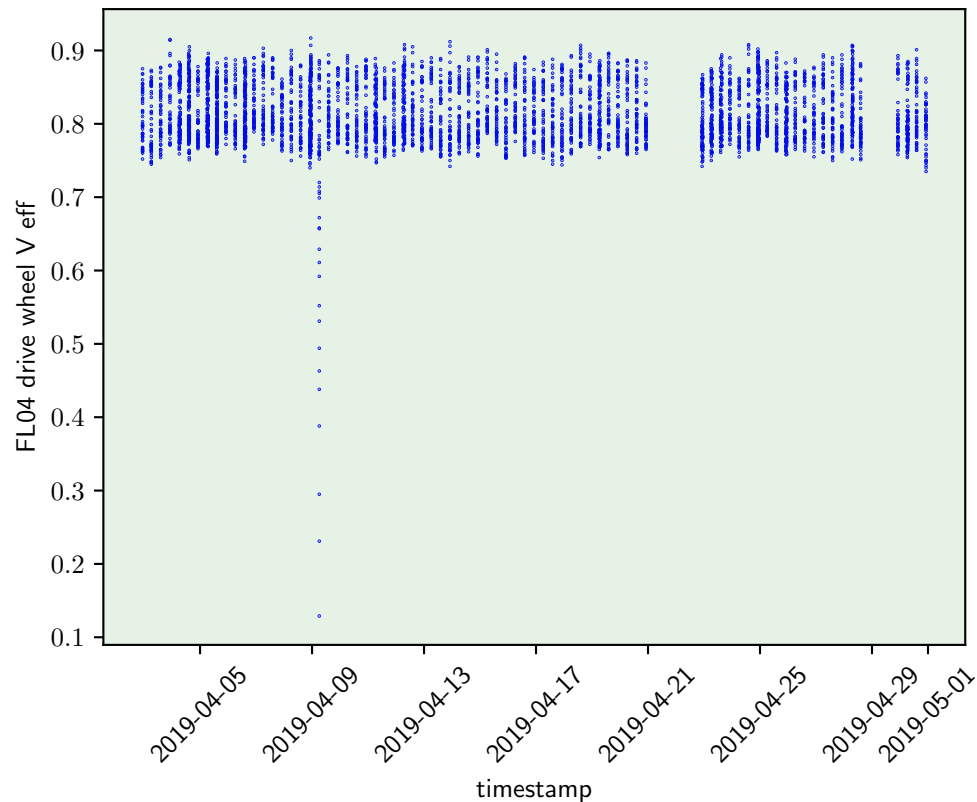
Good: 9/4936
Satisfactory: 4927/4936
Unsatisfactory: 0/4936
Unacceptable: 0/4936

Satisfactory



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - drive wheel V eff

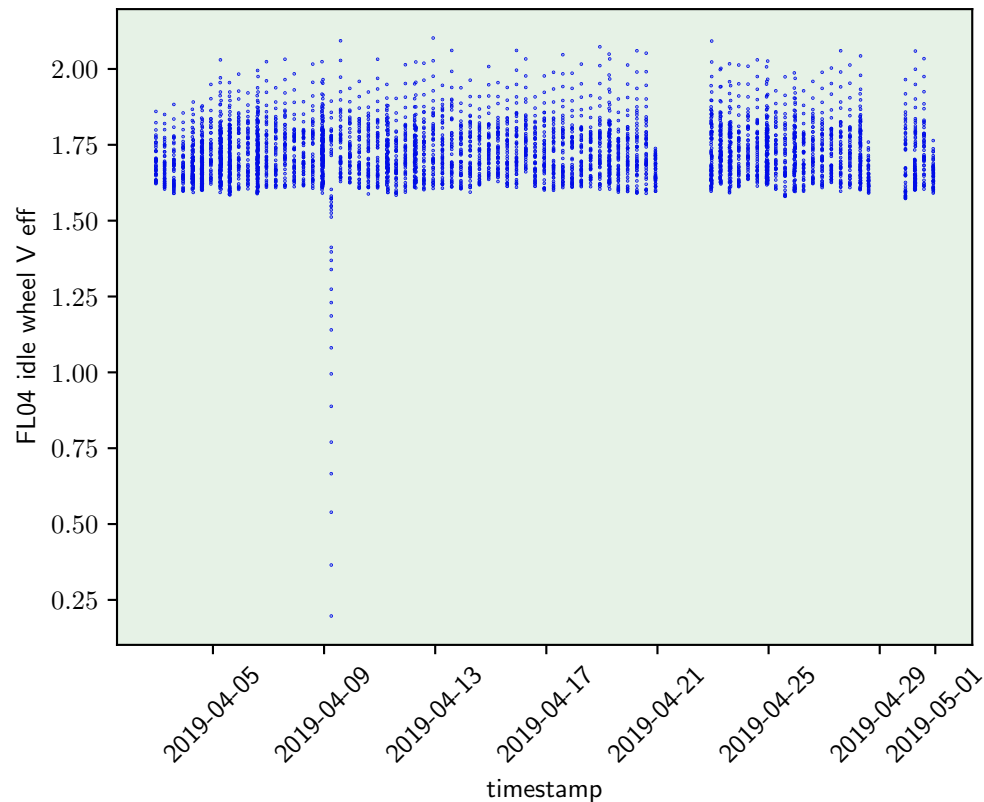
Good: 4914/4914
Satisfactory: 0/4914
Unsatisfactory: 0/4914
Unacceptable: 0/4914



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - idle wheel V eff

Good: 4908/4908
Satisfactory: 0/4908
Unsatisfactory: 0/4908
Unacceptable: 0/4908

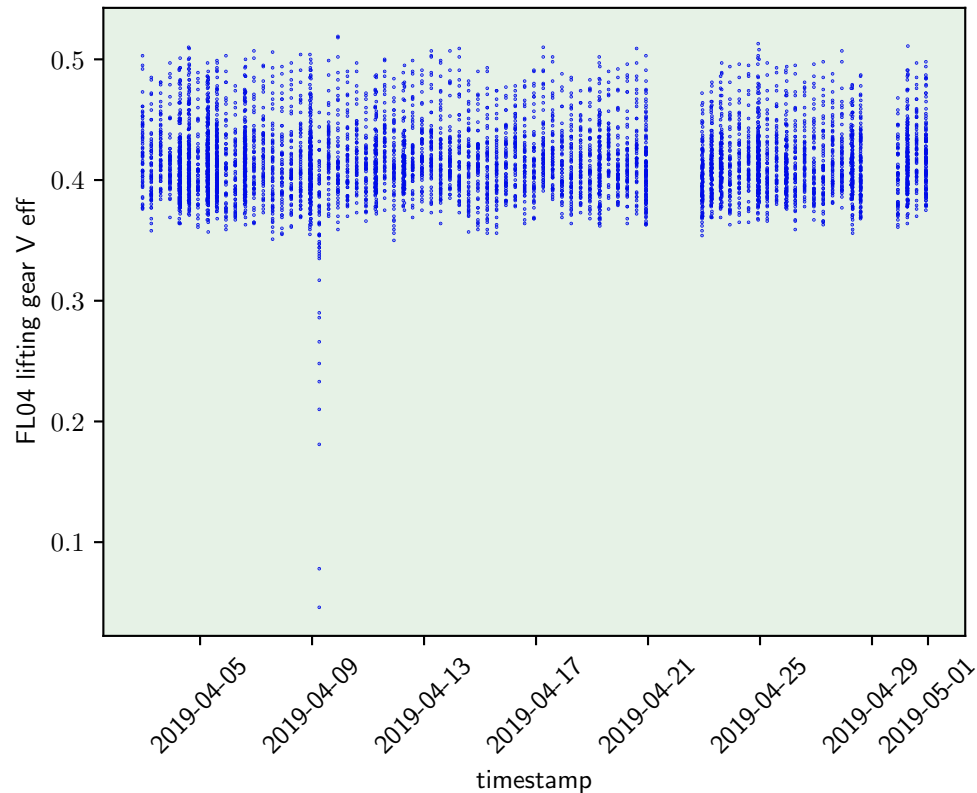
Good



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - lifting gear V eff

Good: 6430/6430
Satisfactory: 0/6430
Unsatisfactory: 0/6430
Unacceptable: 0/6430

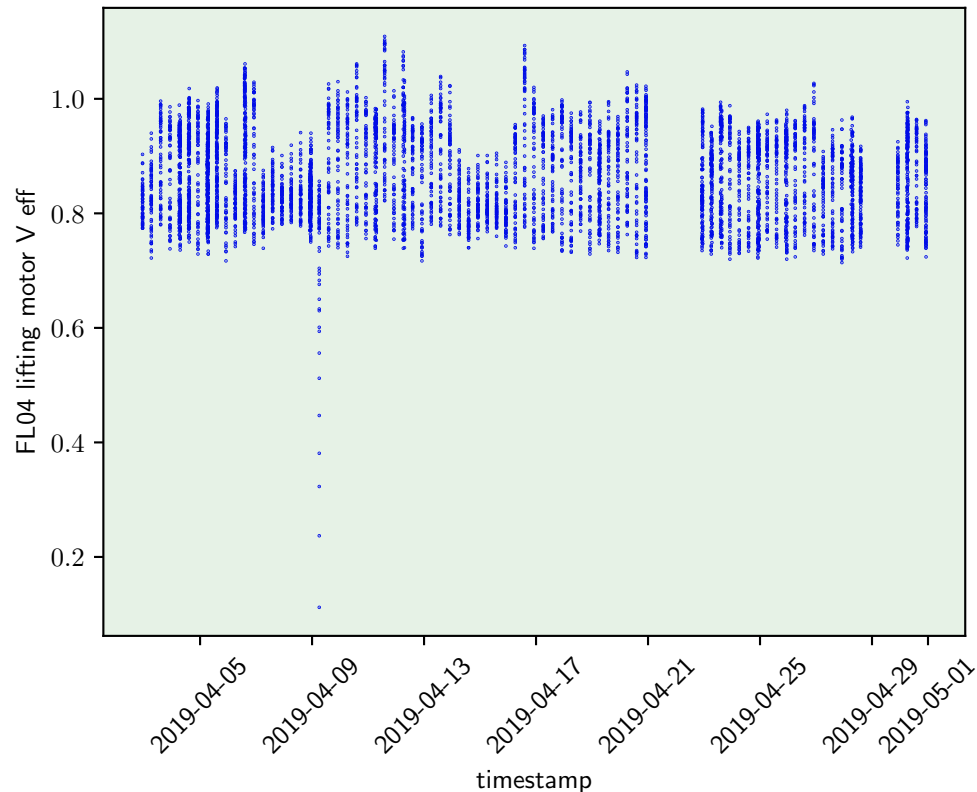
Good



Categorization check
start: 2019-04-01, end: 2019-05-01
FL04 - lifting motor V eff

Good: 6550/6550
Satisfactory: 0/6550
Unsatisfactory: 0/6550
Unacceptable: 0/6550

Good



Compatibility check for velocity sensors

New data: from 2019-04-01 until 2019-05-01

Referent data: last week

Velocity sensors

drive gear

$$\begin{aligned}\mu_{ref} &= 1.16 \\ \sigma_{ref} &= 0.14 \\ \sigma_{ref}^2 &= 0.02\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 1.17 \\ \sigma_{new} &= 0.15 \\ \sigma_{new}^2 &= 0.02\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4921 / 4925 = 99\%\end{aligned}$$

GOOD FIT

drive motor

$$\begin{aligned}\mu_{ref} &= 3.76 \\ \sigma_{ref} &= 0.09 \\ \sigma_{ref}^2 &= 0.01\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 3.75 \\ \sigma_{new} &= 0.12 \\ \sigma_{new}^2 &= 0.02\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4900 / 4936 = 99\%\end{aligned}$$

GOOD FIT

drive wheel

$$\begin{aligned}\mu_{ref} &= 0.81 \\ \sigma_{ref} &= 0.04 \\ \sigma_{ref}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 0.81 \\ \sigma_{new} &= 0.04 \\ \sigma_{new}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4896 / 4914 = 99\%\end{aligned}$$

GOOD FIT

idle wheel

$$\begin{aligned}\mu_{ref} &= 1.69 \\ \sigma_{ref} &= 0.06 \\ \sigma_{ref}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 1.72 \\ \sigma_{new} &= 0.1 \\ \sigma_{new}^2 &= 0.01\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4623 / 4908 = 94\%\end{aligned}$$

GOOD FIT

lifting gear

$$\begin{aligned}\mu_{ref} &= 0.42 \\ \sigma_{ref} &= 0.03 \\ \sigma_{ref}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 0.42 \\ \sigma_{new} &= 0.03 \\ \sigma_{new}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 6410 / 6430 = 99\%\end{aligned}$$

GOOD FIT

lifting motor

$$\begin{aligned}\mu_{ref} &= 0.89 \\ \sigma_{ref} &= 0.1 \\ \sigma_{ref}^2 &= 0.01\end{aligned}$$

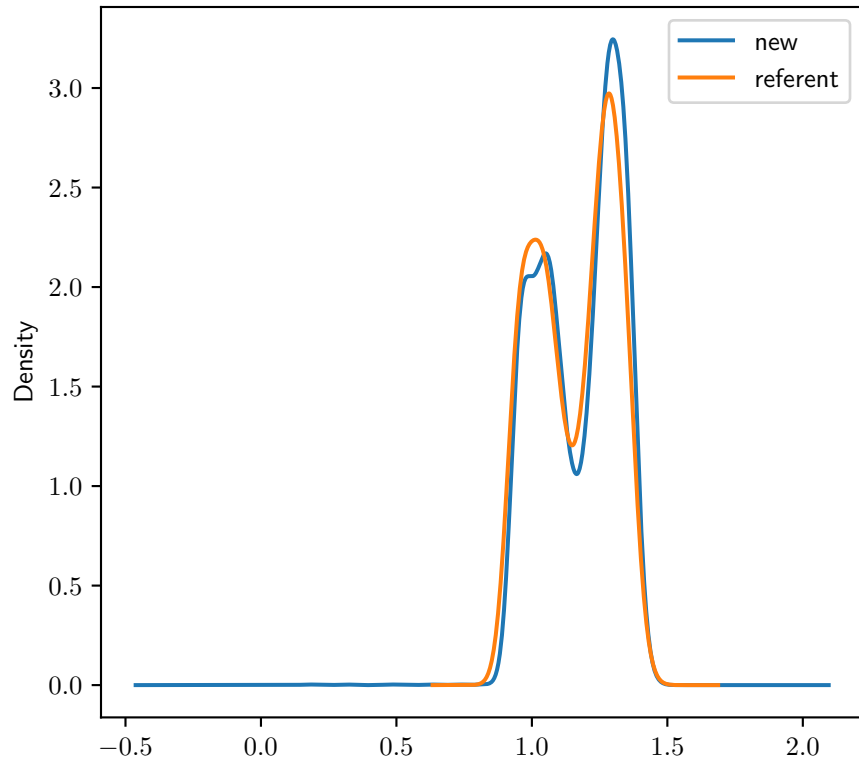
$$\begin{aligned}\mu_{new} &= 0.87 \\ \sigma_{new} &= 0.08 \\ \sigma_{new}^2 &= 0.01\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 6543 / 6550 = 99\%\end{aligned}$$

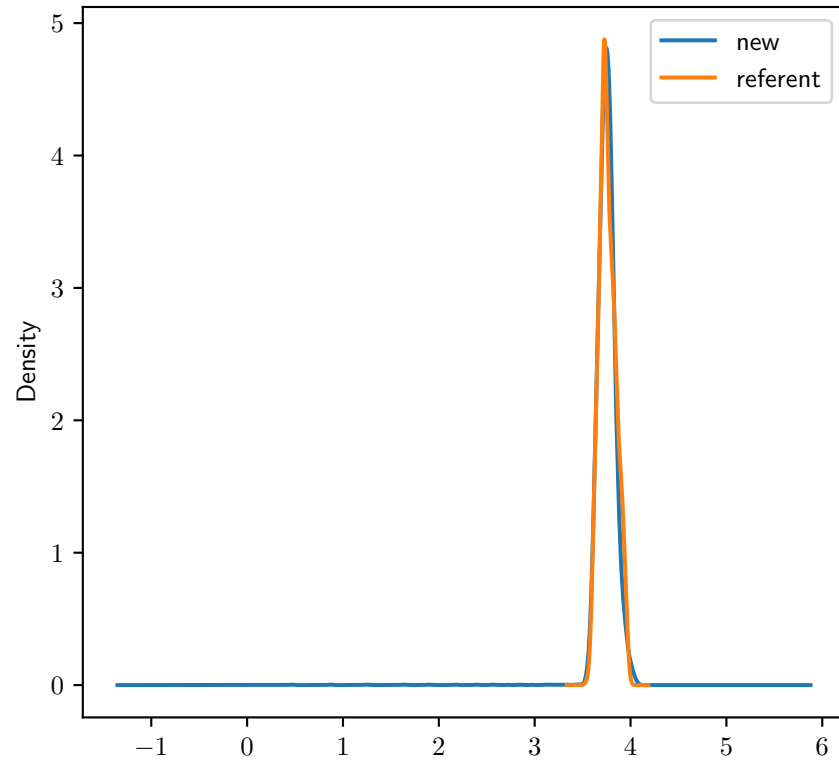
GOOD FIT

Distribution for drive sensors (velocity)

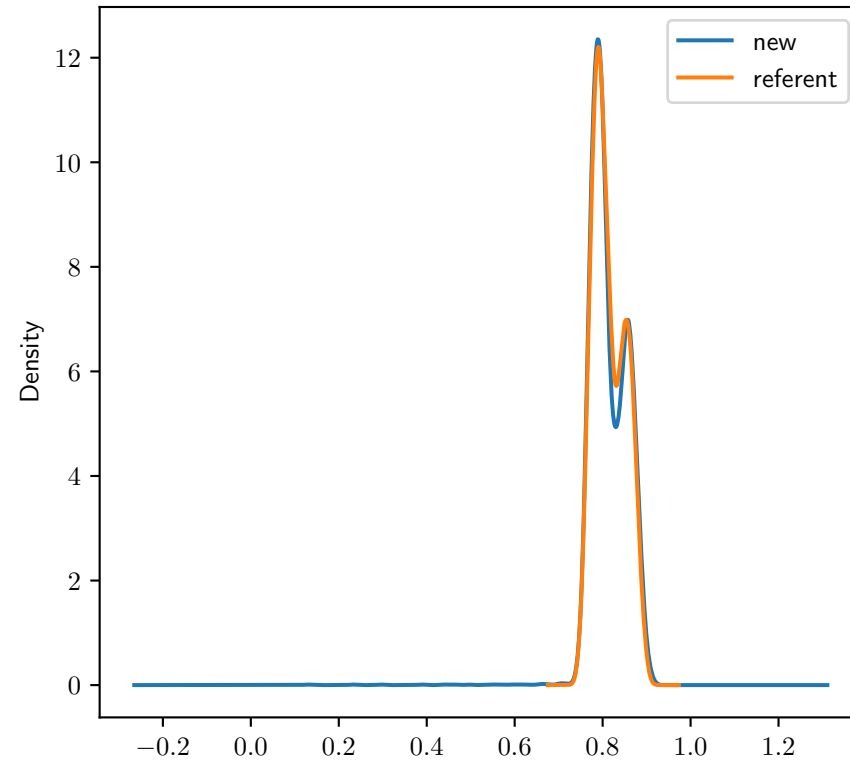
drive gear



drive motor

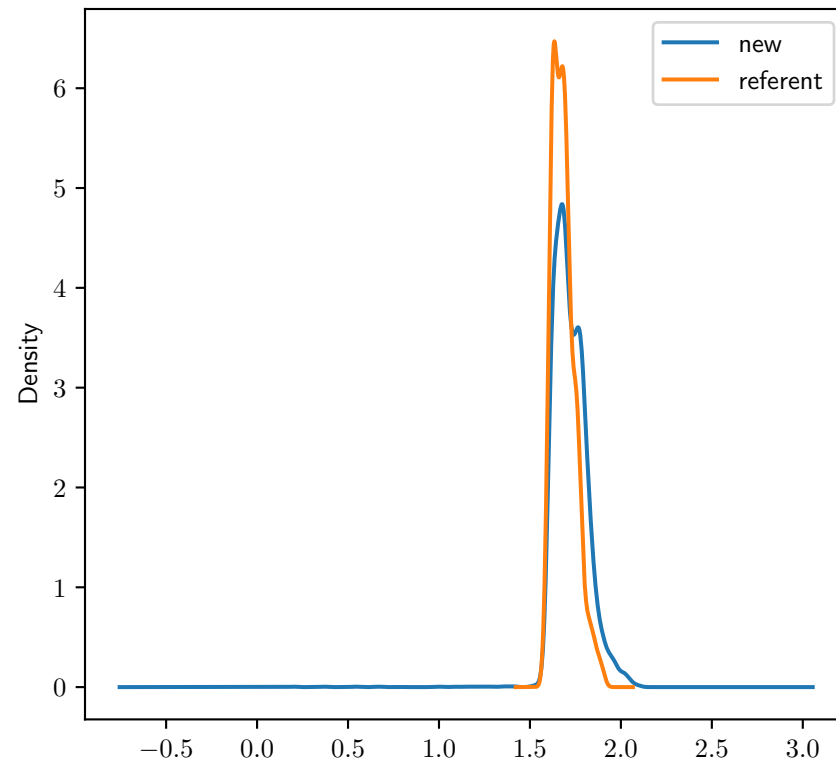


drive wheel

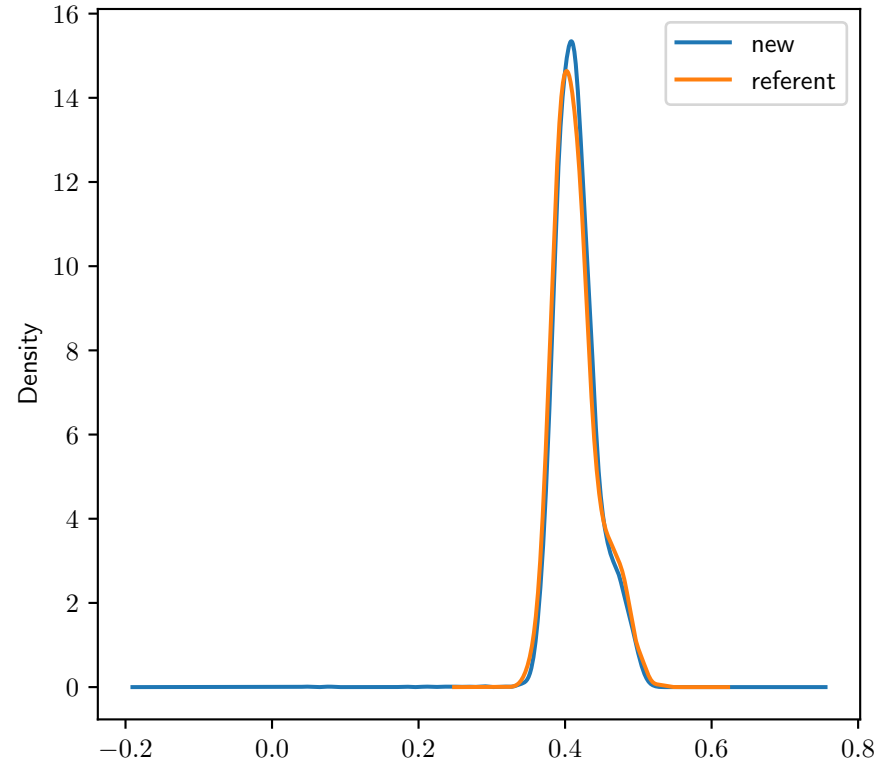


Distribution for other sensors (velocity)

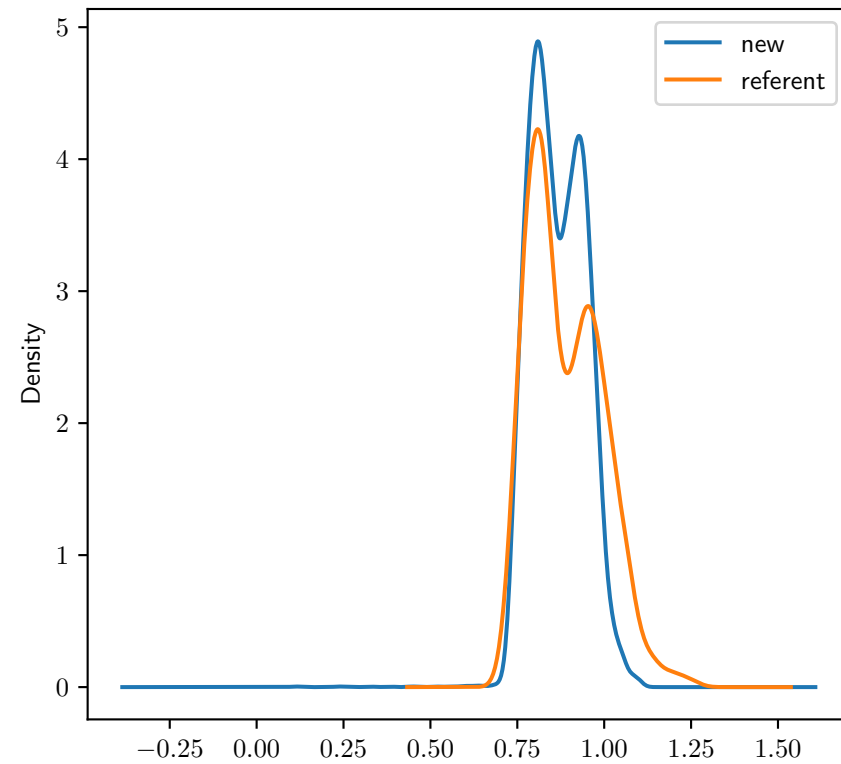
idle wheel



lifting gear



lifting motor



Compatibility check for acceleration sensors

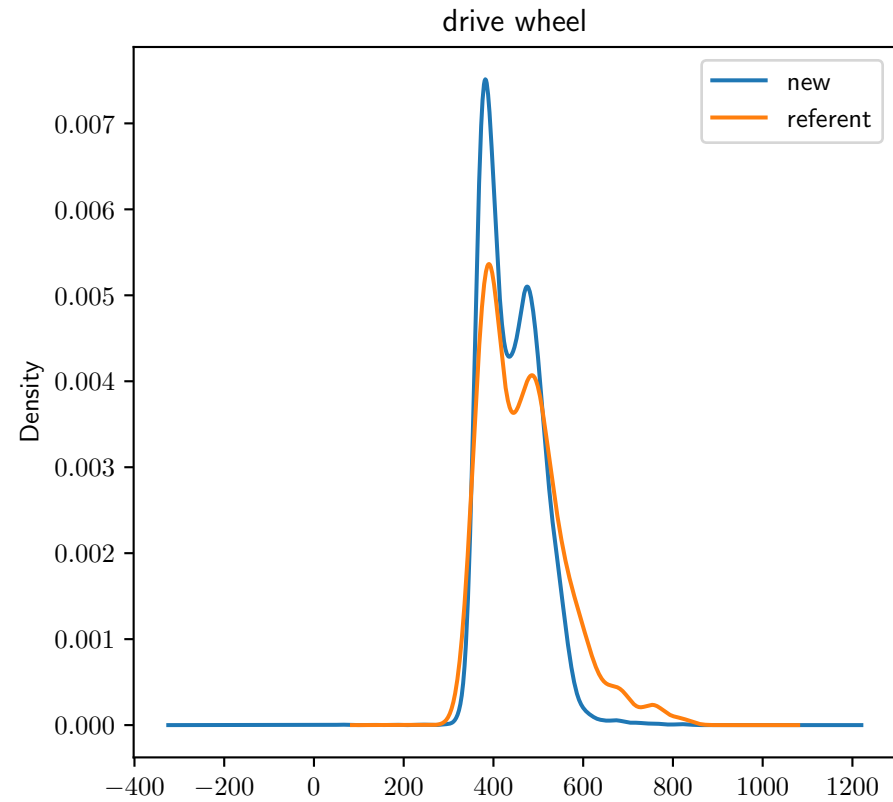
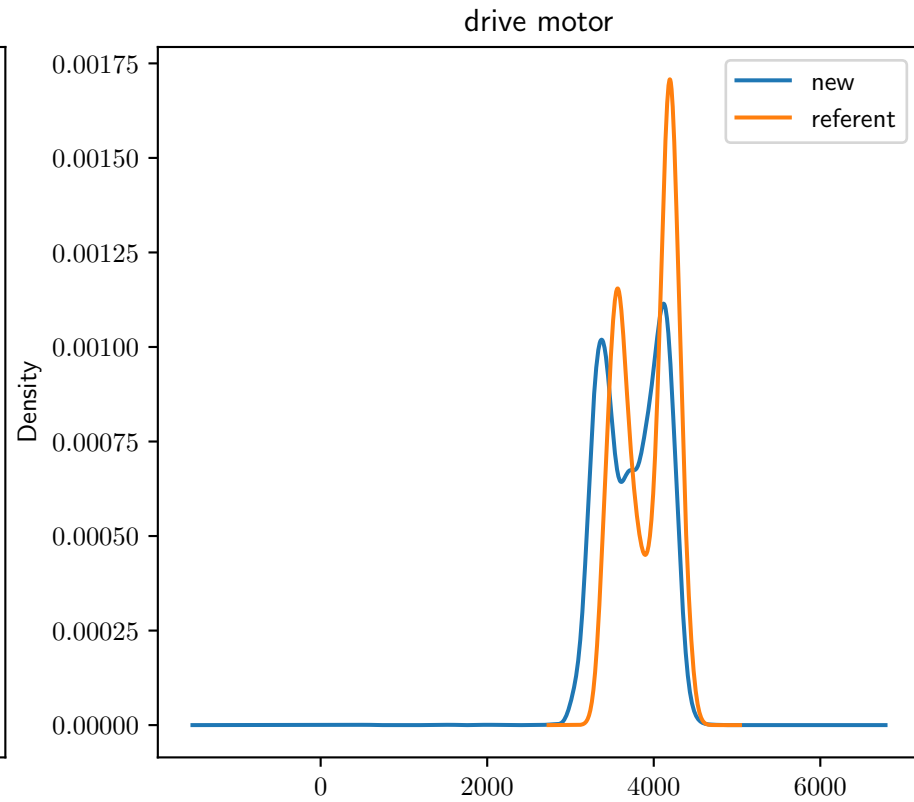
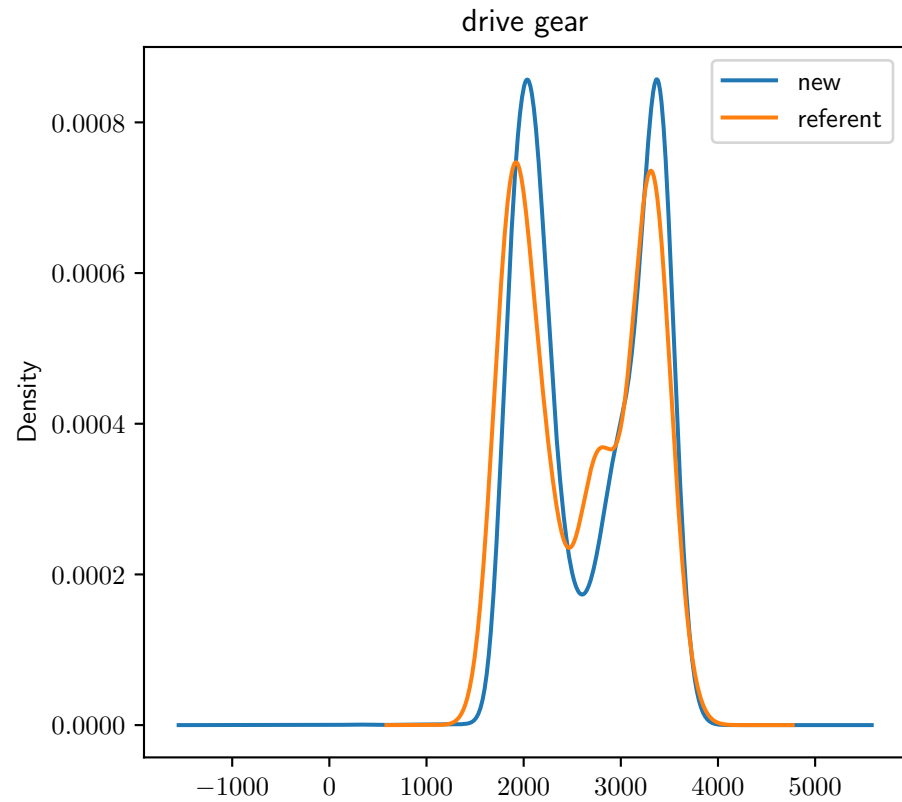
New data: from 2019-04-01 until 2019-05-01

Referent data: last week

Acceleration sensors

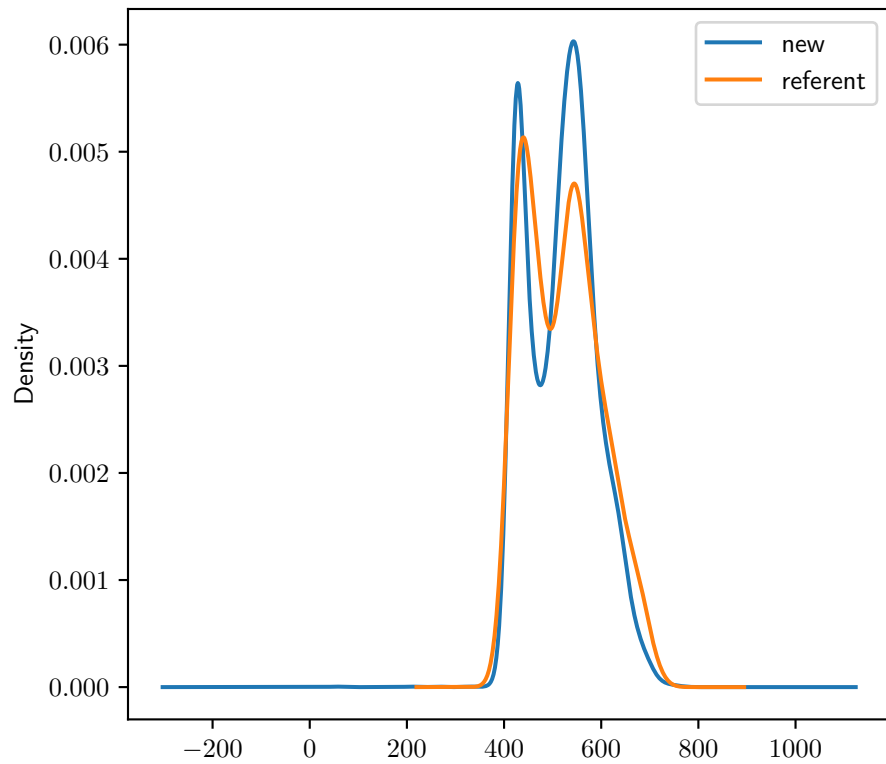
<div>drive gear</div> <div>$\mu_{ref} = 2611.43$ $\sigma_{ref} = 631.58$ $\sigma^2_{ref} = 398889.62$ $\mu_{new} = 2681.12$ $\sigma_{new} = 621.58$ $\sigma^2_{new} = 386356.34$ $good_{cnt}/all_{cnt}$ 7031 / 7033 = 99%</div> <div>GOOD FIT</div>	<div>drive motor</div> <div>$\mu_{ref} = 3922.31$ $\sigma_{ref} = 314.32$ $\sigma^2_{ref} = 98794.73$ $\mu_{new} = 3753.2$ $\sigma_{new} = 361.14$ $\sigma^2_{new} = 130422.11$ $good_{cnt}/all_{cnt}$ 7026 / 7033 = 99%</div> <div>GOOD FIT</div>	<div>drive wheel</div> <div>$\mu_{ref} = 466.96$ $\sigma_{ref} = 89.93$ $\sigma^2_{ref} = 8087.73$ $\mu_{new} = 440.53$ $\sigma_{new} = 63.02$ $\sigma^2_{new} = 3971.23$ $good_{cnt}/all_{cnt}$ 7016 / 7028 = 99%</div> <div>GOOD FIT</div>	<div>idle wheel</div> <div>$\mu_{ref} = 521.01$ $\sigma_{ref} = 75.96$ $\sigma^2_{ref} = 5769.39$ $\mu_{new} = 518.41$ $\sigma_{new} = 70.45$ $\sigma^2_{new} = 4962.7$ $good_{cnt}/all_{cnt}$ 7025 / 7029 = 99%</div> <div>GOOD FIT</div>	<div>lifting gear</div> <div>$\mu_{ref} = 3185.39$ $\sigma_{ref} = 563.81$ $\sigma^2_{ref} = 317884.87$ $\mu_{new} = 3098.26$ $\sigma_{new} = 565.5$ $\sigma^2_{new} = 319786.27$ $good_{cnt}/all_{cnt}$ 9292 / 9304 = 99%</div> <div>GOOD FIT</div>	<div>lifting motor</div> <div>$\mu_{ref} = 7411.52$ $\sigma_{ref} = 1200.84$ $\sigma^2_{ref} = 1442012.18$ $\mu_{new} = 7255.44$ $\sigma_{new} = 1194.29$ $\sigma^2_{new} = 1426335.69$ $good_{cnt}/all_{cnt}$ 9301 / 9304 = 99%</div> <div>GOOD FIT</div>
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Distribution for drive sensors (acceleration)

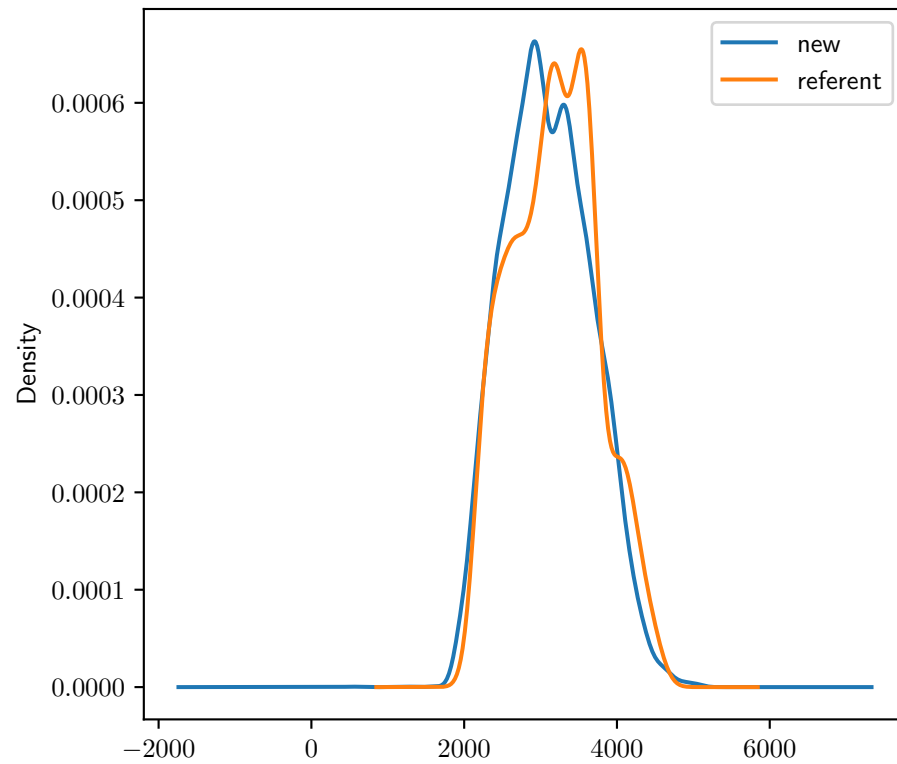


Distribution for other sensors (acceleration)

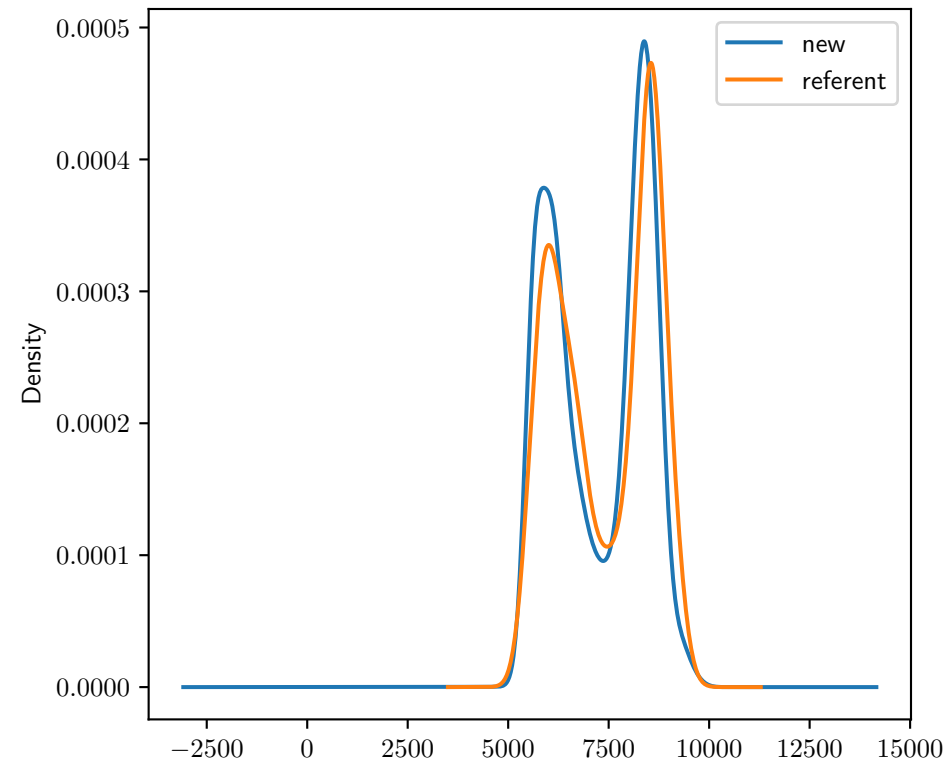
idle wheel



lifting gear



lifting motor



Compatibility check for velocity sensors

New data: from 2019-04-01 until 2019-05-01

Referent data: last 100 days

Velocity sensors

drive gear

$$\begin{aligned}\mu_{ref} &= 1.16 \\ \sigma_{ref} &= 0.15 \\ \sigma_{ref}^2 &= 0.02\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 1.17 \\ \sigma_{new} &= 0.15 \\ \sigma_{new}^2 &= 0.02\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4921 / 4925 = 99\%\end{aligned}$$

GOOD FIT

drive motor

$$\begin{aligned}\mu_{ref} &= 3.74 \\ \sigma_{ref} &= 0.17 \\ \sigma_{ref}^2 &= 0.03\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 3.75 \\ \sigma_{new} &= 0.12 \\ \sigma_{new}^2 &= 0.02\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4923 / 4936 = 99\%\end{aligned}$$

GOOD FIT

drive wheel

$$\begin{aligned}\mu_{ref} &= 0.81 \\ \sigma_{ref} &= 0.05 \\ \sigma_{ref}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 0.81 \\ \sigma_{new} &= 0.04 \\ \sigma_{new}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4900 / 4914 = 99\%\end{aligned}$$

GOOD FIT

idle wheel

$$\begin{aligned}\mu_{ref} &= 1.68 \\ \sigma_{ref} &= 0.1 \\ \sigma_{ref}^2 &= 0.01\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 1.72 \\ \sigma_{new} &= 0.1 \\ \sigma_{new}^2 &= 0.01\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 4819 / 4908 = 98\%\end{aligned}$$

GOOD FIT

lifting gear

$$\begin{aligned}\mu_{ref} &= 0.41 \\ \sigma_{ref} &= 0.03 \\ \sigma_{ref}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}\mu_{new} &= 0.42 \\ \sigma_{new} &= 0.03 \\ \sigma_{new}^2 &= 0.0\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 6419 / 6430 = 99\%\end{aligned}$$

GOOD FIT

lifting motor

$$\begin{aligned}\mu_{ref} &= 0.89 \\ \sigma_{ref} &= 0.11 \\ \sigma_{ref}^2 &= 0.01\end{aligned}$$

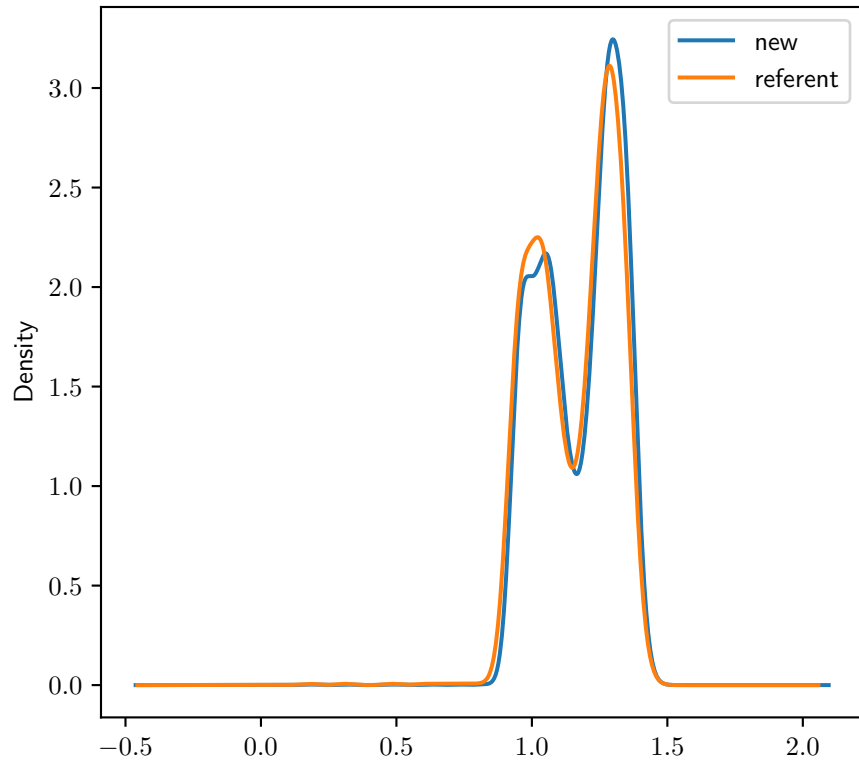
$$\begin{aligned}\mu_{new} &= 0.87 \\ \sigma_{new} &= 0.08 \\ \sigma_{new}^2 &= 0.01\end{aligned}$$

$$\begin{aligned}good_{cnt}/all_{cnt} \\ 6543 / 6550 = 99\%\end{aligned}$$

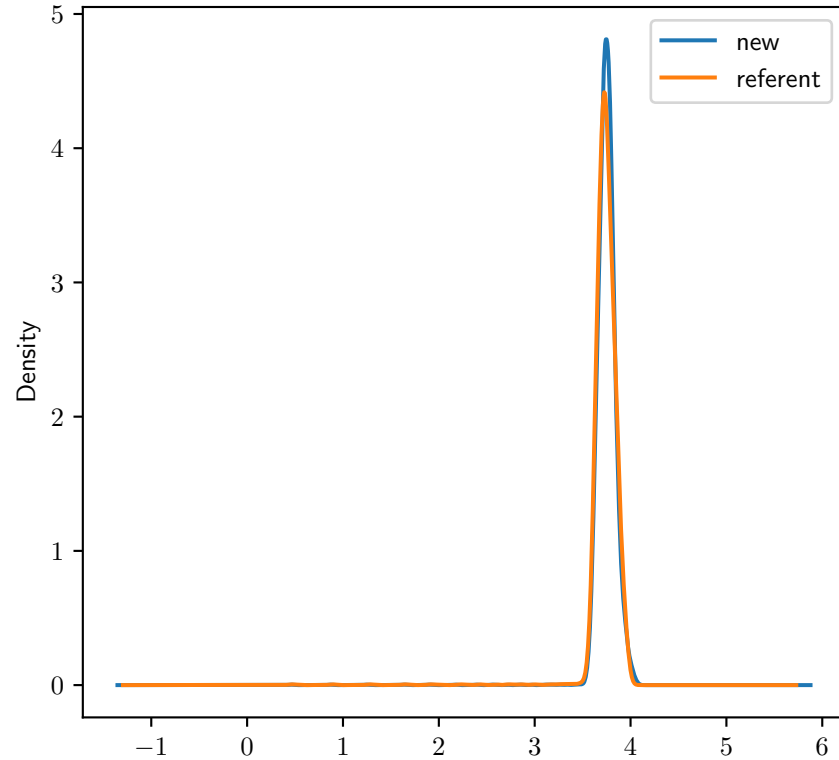
GOOD FIT

Distribution for drive sensors (velocity)

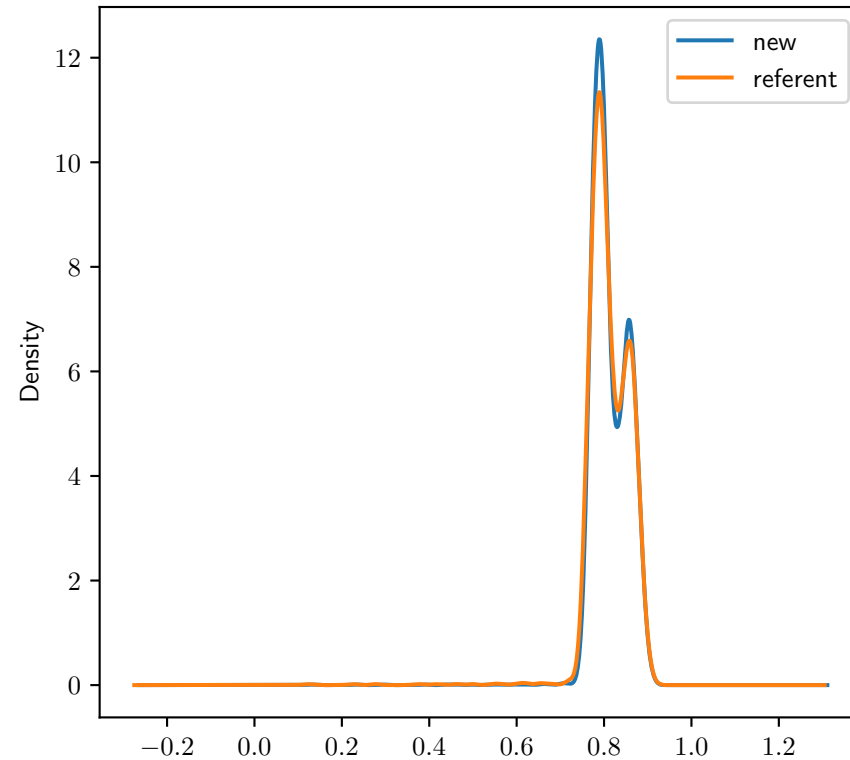
drive gear



drive motor

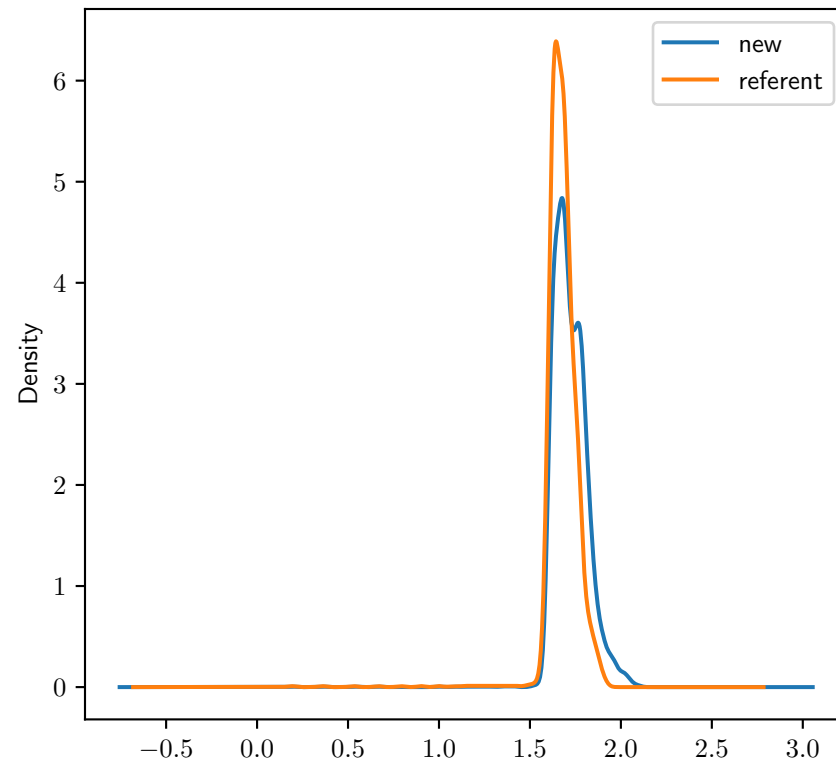


drive wheel

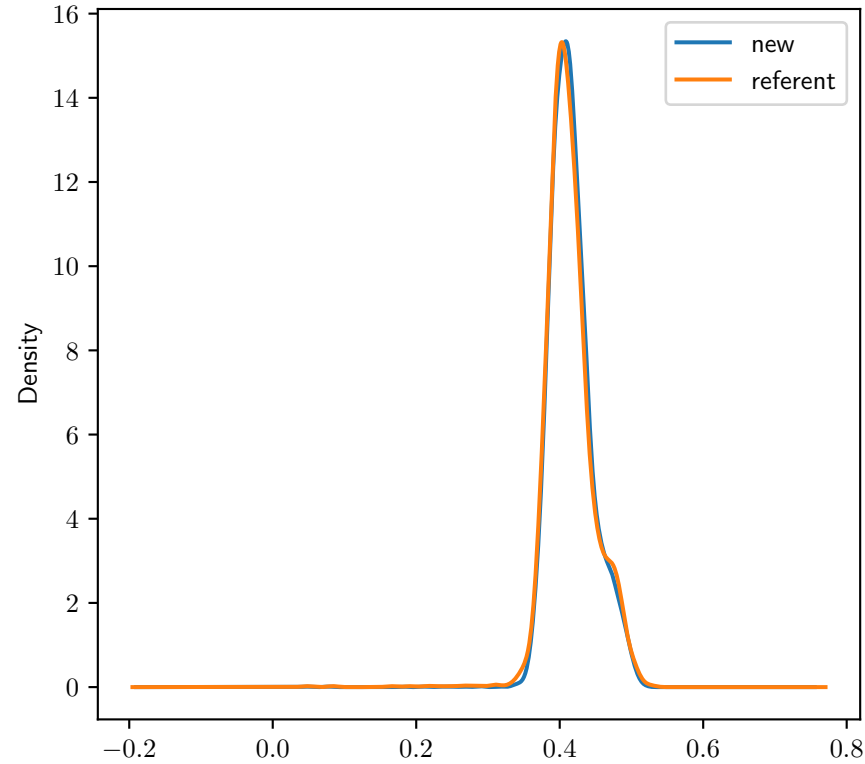


Distribution for other sensors (velocity)

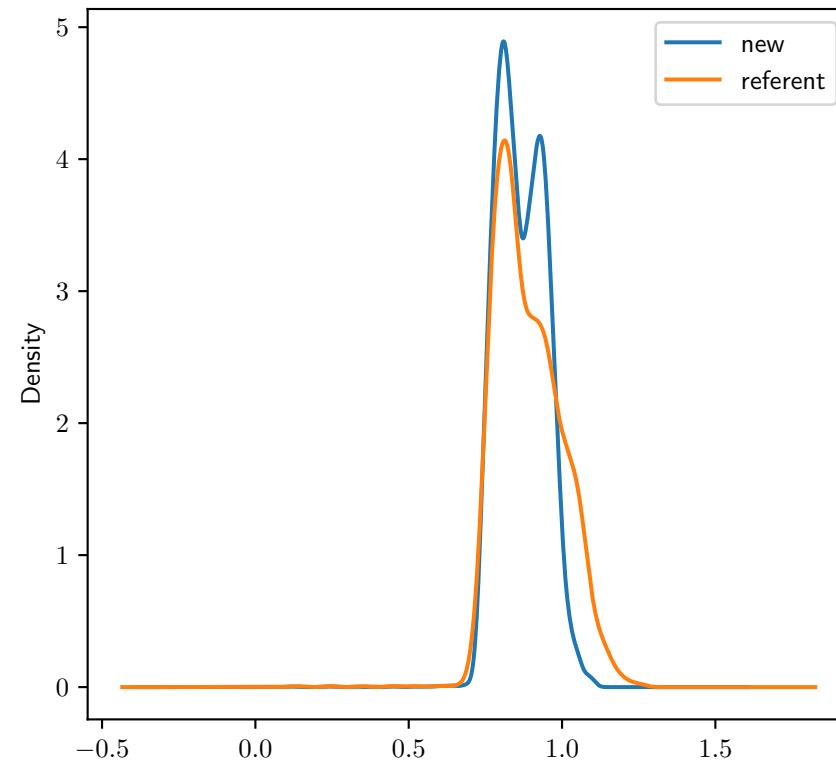
idle wheel



lifting gear



lifting motor



Compatibility check for acceleration sensors

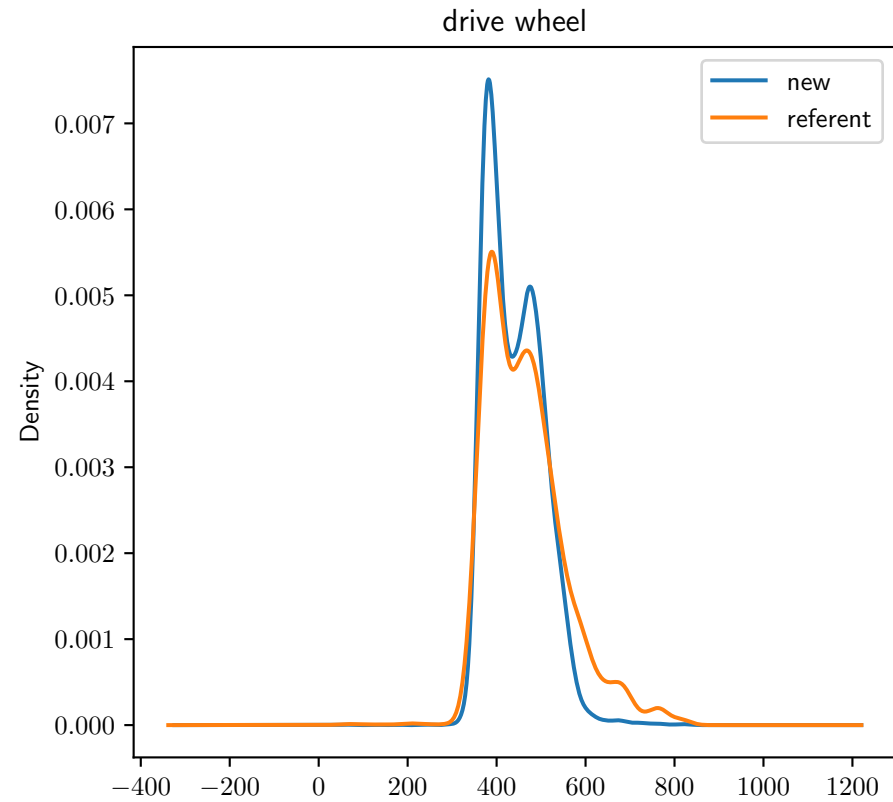
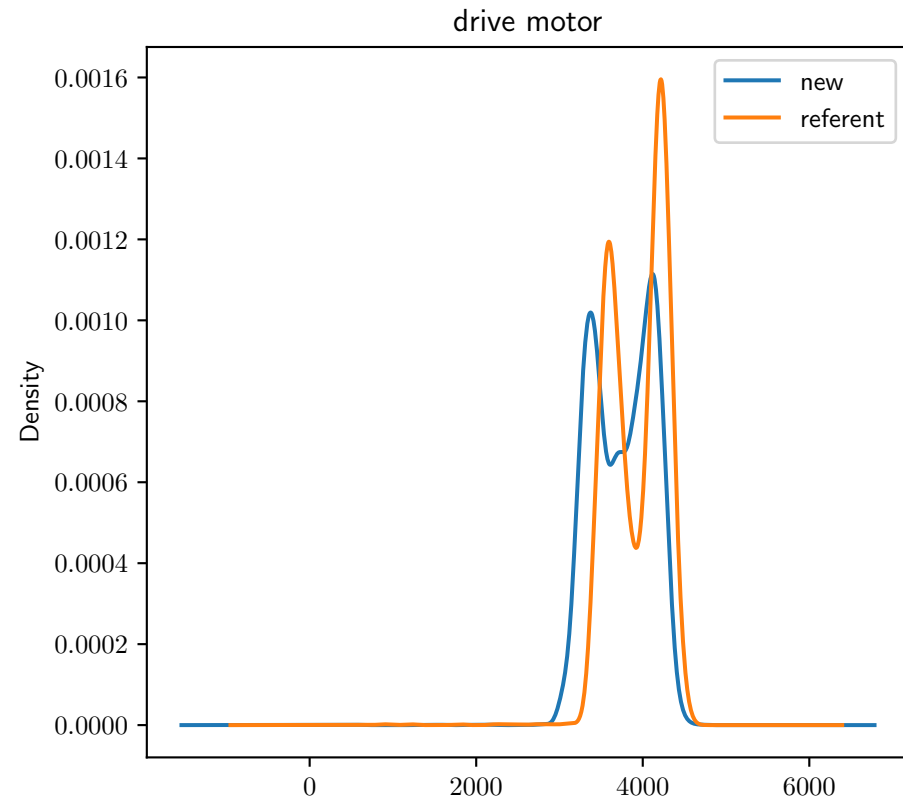
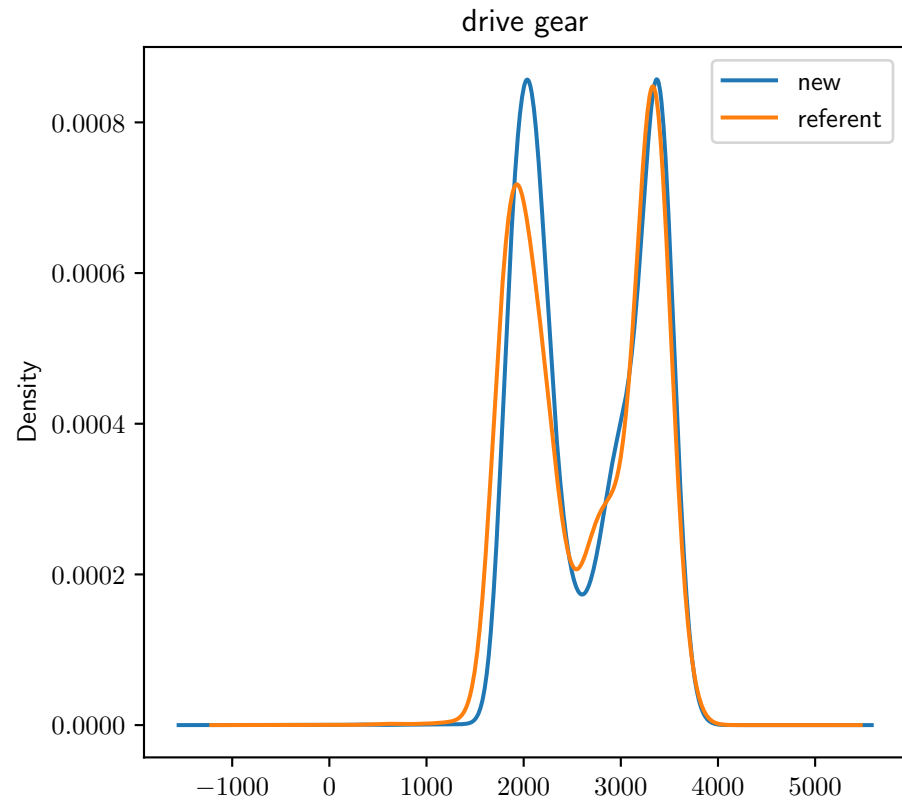
New data: from 2019-04-01 until 2019-05-01

Referent data: last 100 days

Acceleration sensors

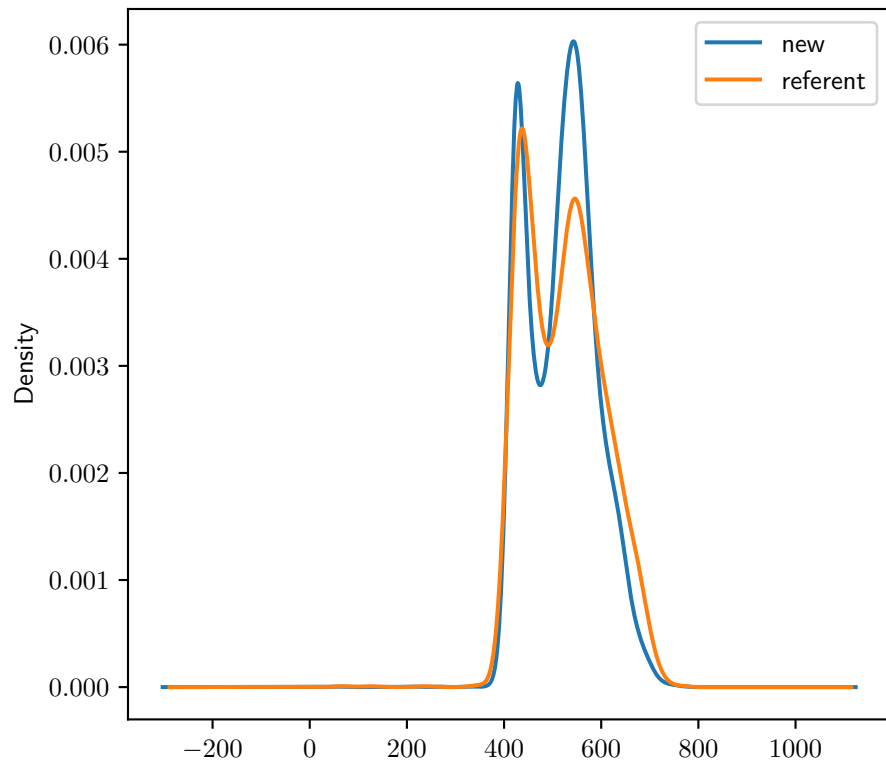
<div>drive gear</div> <div>$\mu_{ref} = 2635.92$ $\sigma_{ref} = 647.26$ $\sigma^2_{ref} = 418948.84$ $\mu_{new} = 2681.12$ $\sigma_{new} = 621.58$ $\sigma^2_{new} = 386356.34$ $good_{cnt}/all_{cnt}$ 7031 / 7033 = 99%</div> <div>GOOD FIT</div>	<div>drive motor</div> <div>$\mu_{ref} = 3937.2$ $\sigma_{ref} = 332.63$ $\sigma^2_{ref} = 110641.14$ $\mu_{new} = 3753.2$ $\sigma_{new} = 361.14$ $\sigma^2_{new} = 130422.11$ $good_{cnt}/all_{cnt}$ 7026 / 7033 = 99%</div> <div>GOOD FIT</div>	<div>drive wheel</div> <div>$\mu_{ref} = 463.71$ $\sigma_{ref} = 88.91$ $\sigma^2_{ref} = 7905.06$ $\mu_{new} = 440.53$ $\sigma_{new} = 63.02$ $\sigma^2_{new} = 3971.23$ $good_{cnt}/all_{cnt}$ 7016 / 7028 = 99%</div> <div>GOOD FIT</div>	<div>idle wheel</div> <div>$\mu_{ref} = 522.97$ $\sigma_{ref} = 78.76$ $\sigma^2_{ref} = 6203.53$ $\mu_{new} = 518.41$ $\sigma_{new} = 70.45$ $\sigma^2_{new} = 4962.7$ $good_{cnt}/all_{cnt}$ 7025 / 7029 = 99%</div> <div>GOOD FIT</div>	<div>lifting gear</div> <div>$\mu_{ref} = 3199.39$ $\sigma_{ref} = 556.91$ $\sigma^2_{ref} = 310146.41$ $\mu_{new} = 3098.26$ $\sigma_{new} = 565.5$ $\sigma^2_{new} = 319786.27$ $good_{cnt}/all_{cnt}$ 9292 / 9304 = 99%</div> <div>GOOD FIT</div>	<div>lifting motor</div> <div>$\mu_{ref} = 7382.98$ $\sigma_{ref} = 1179.88$ $\sigma^2_{ref} = 1392112.63$ $\mu_{new} = 7255.44$ $\sigma_{new} = 1194.29$ $\sigma^2_{new} = 1426335.69$ $good_{cnt}/all_{cnt}$ 9301 / 9304 = 99%</div> <div>GOOD FIT</div>
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Distribution for drive sensors (acceleration)

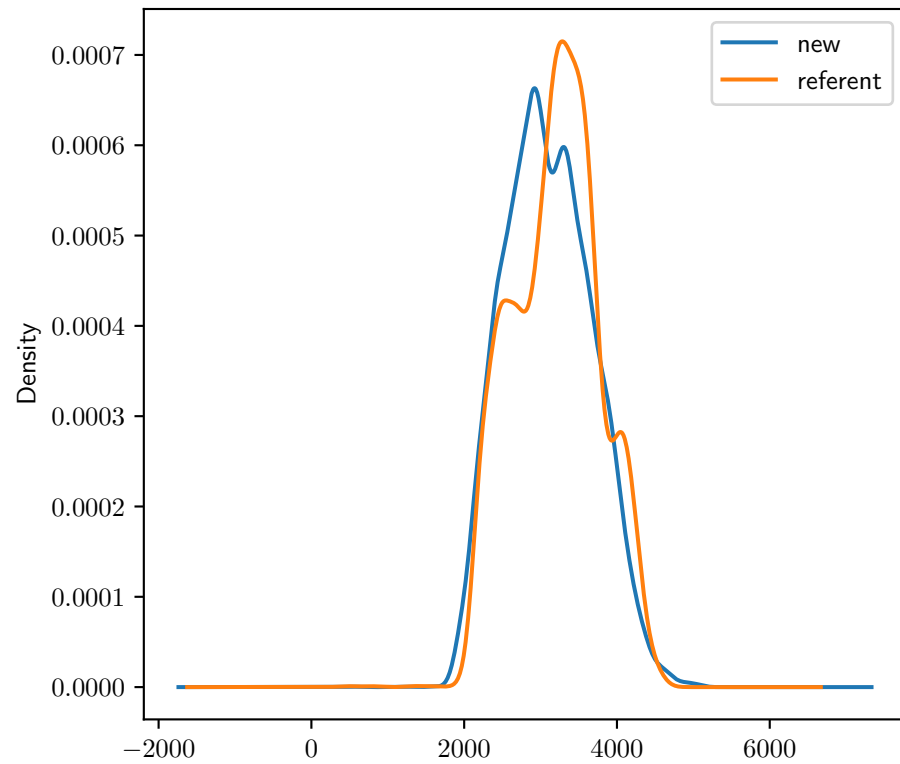


Distribution for other sensors (acceleration)

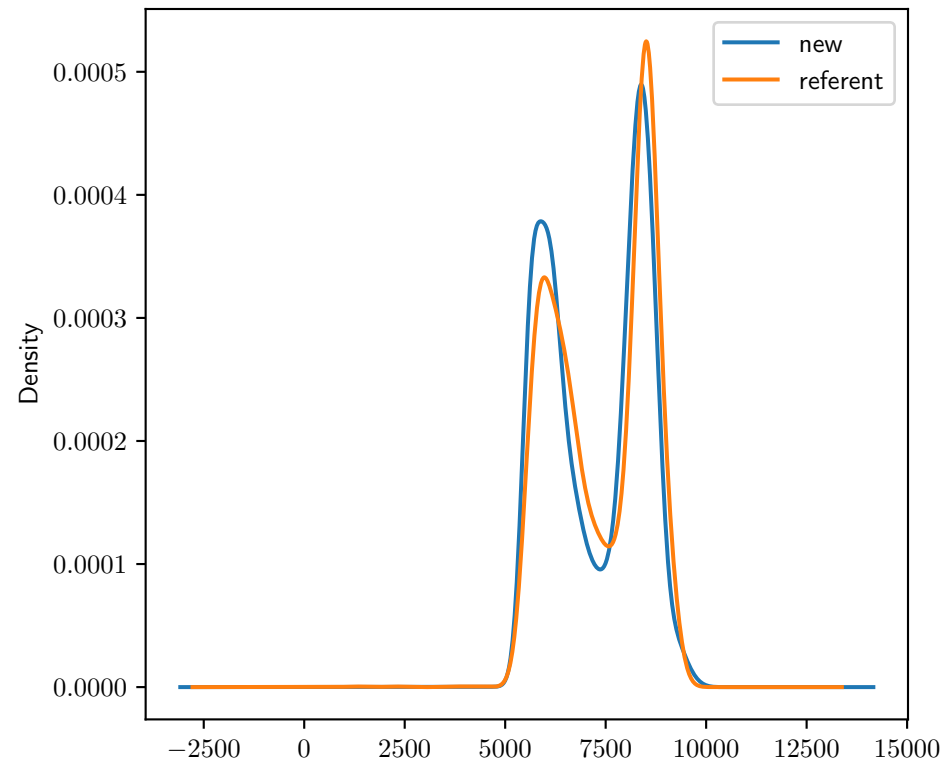
idle wheel



lifting gear



lifting motor



Compatibility check for velocity sensors

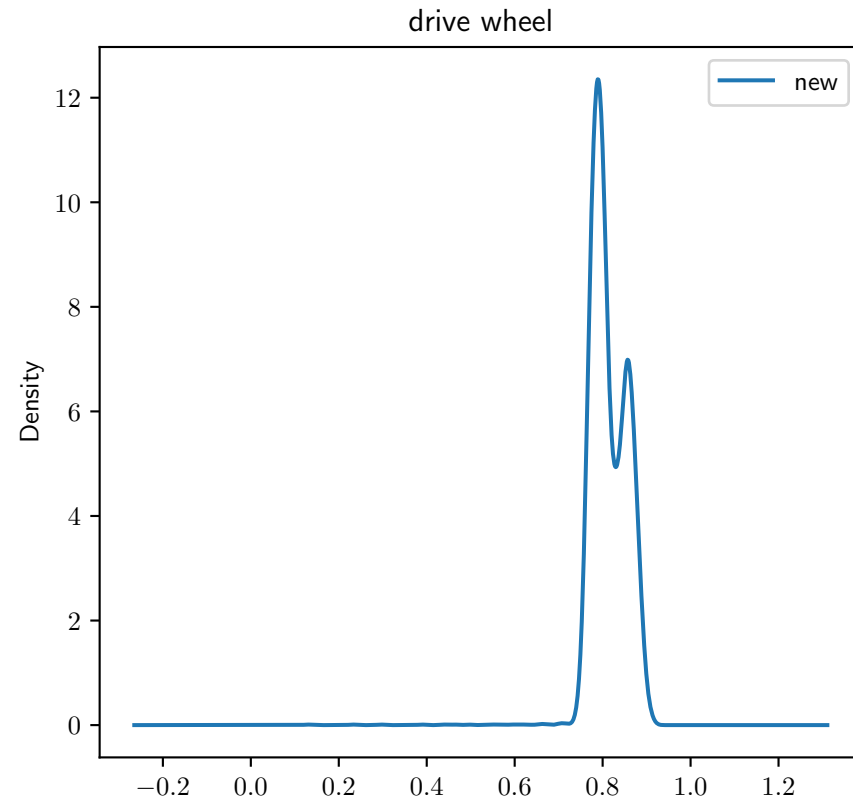
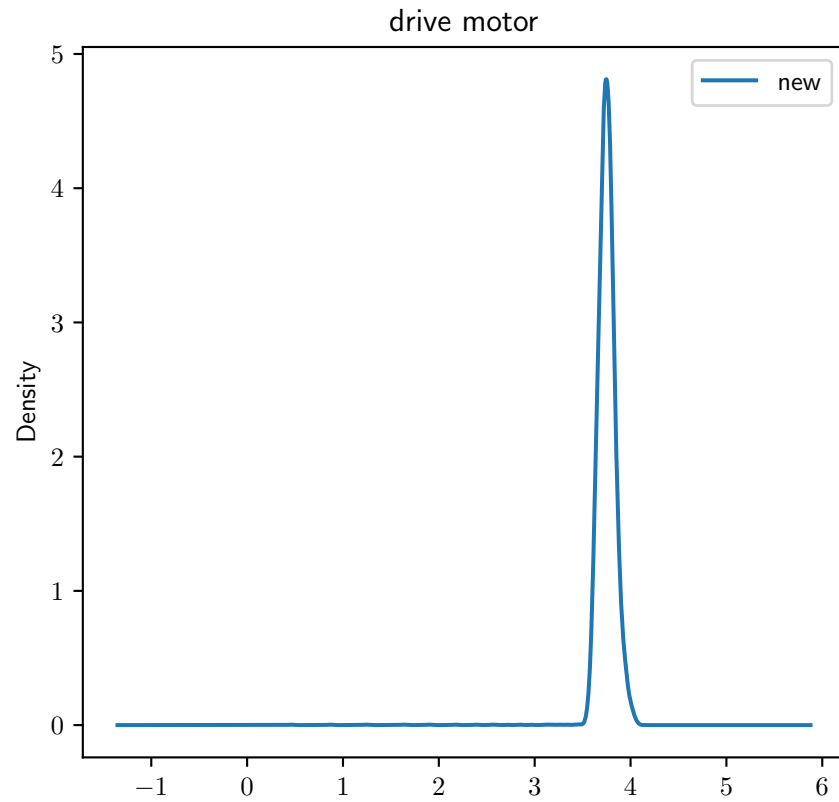
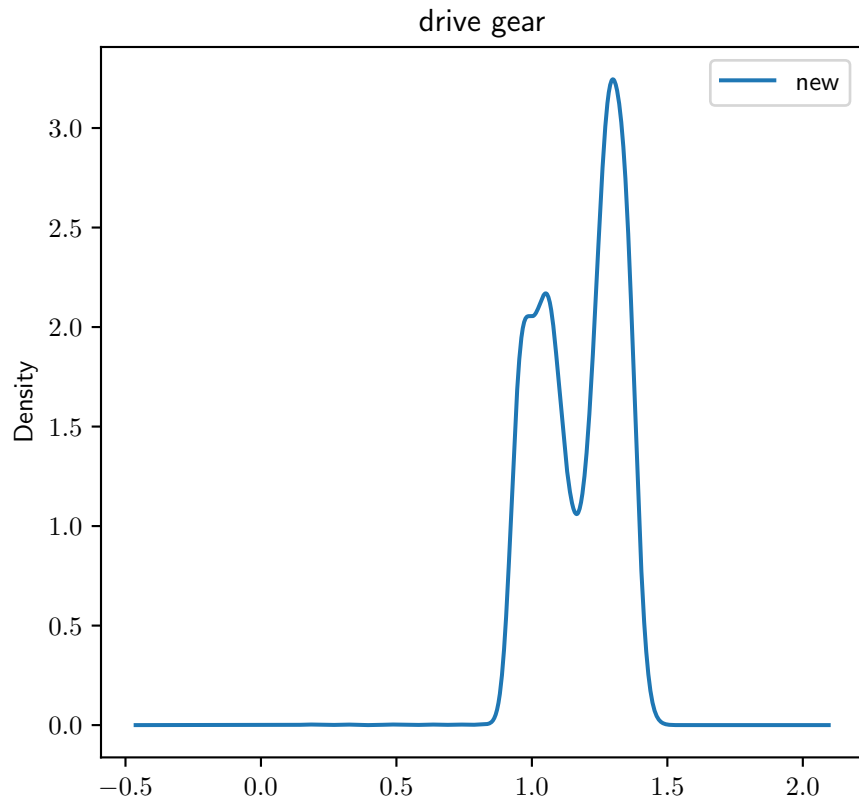
New data: from 2019-04-01 until 2019-05-01

Referent data: recommended distribution (from .config)

Velocity sensors

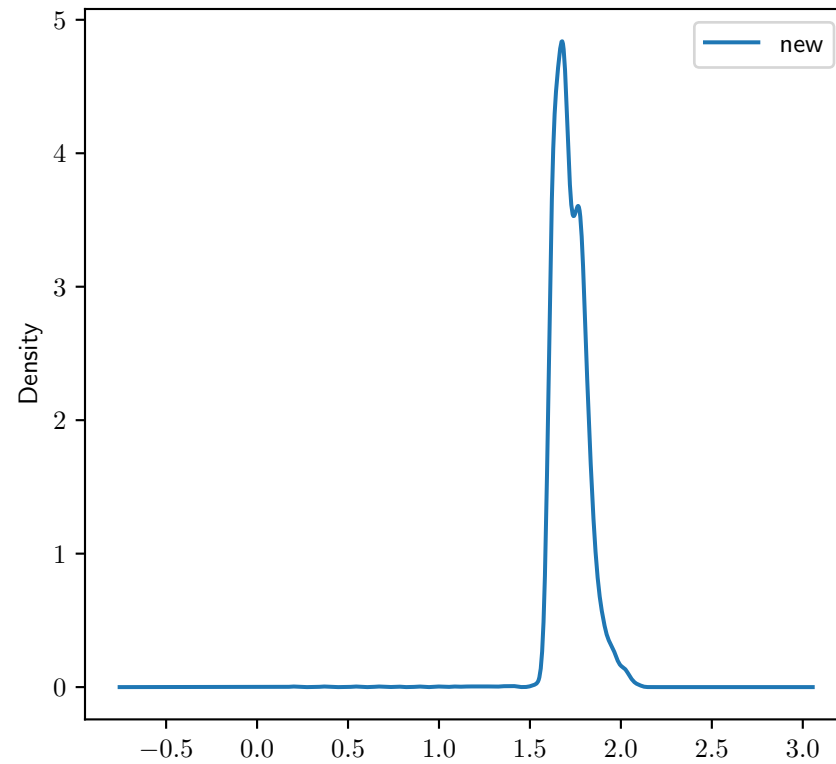
<div>drive gear</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>drive motor</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>drive wheel</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>idle wheel</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>lifting gear</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>lifting motor</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>
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Distribution for drive sensors (velocity)

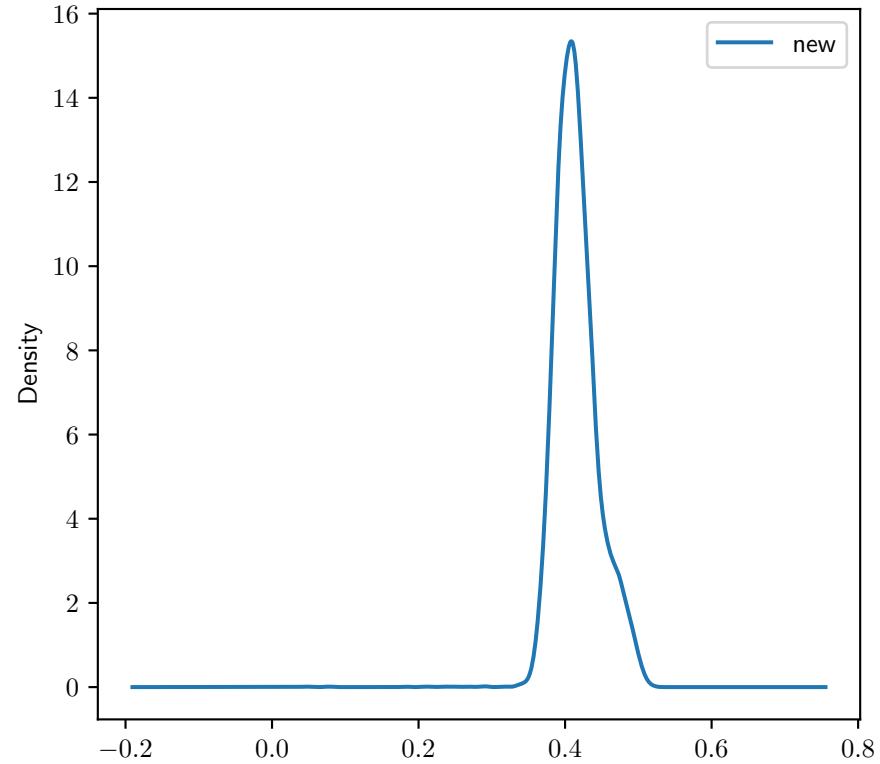


Distribution for other sensors (velocity)

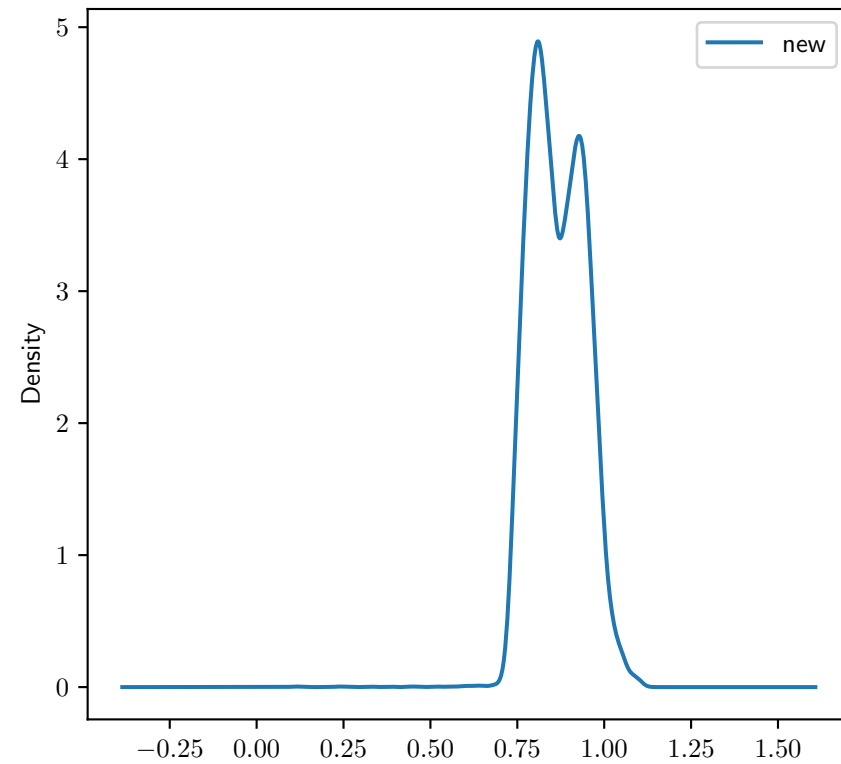
idle wheel



lifting gear



lifting motor



Compatibility check for acceleration sensors

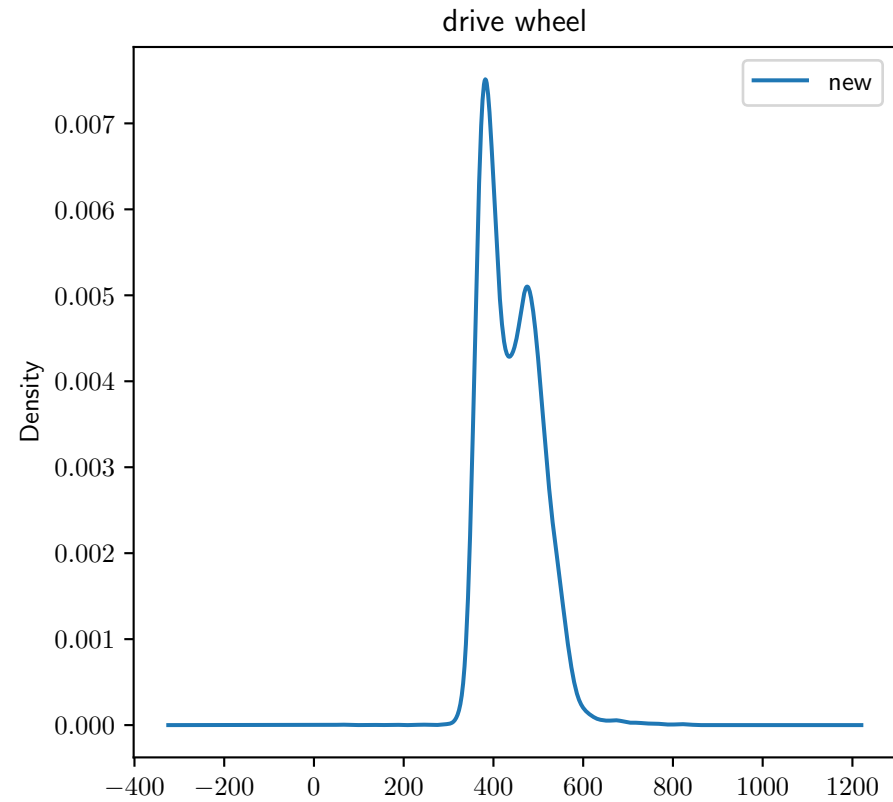
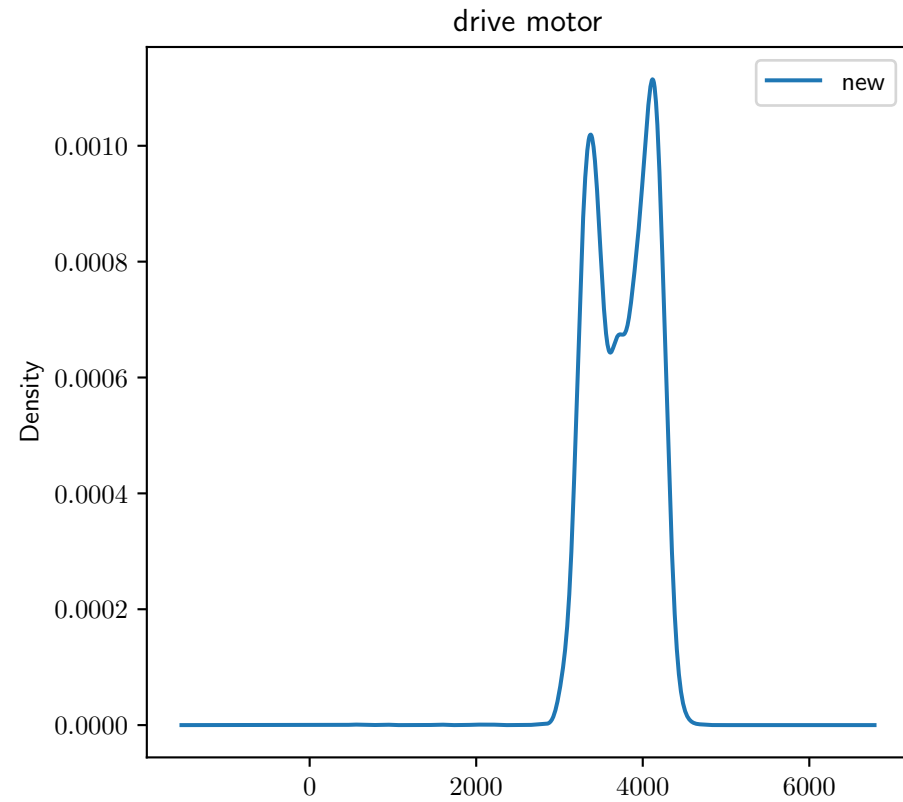
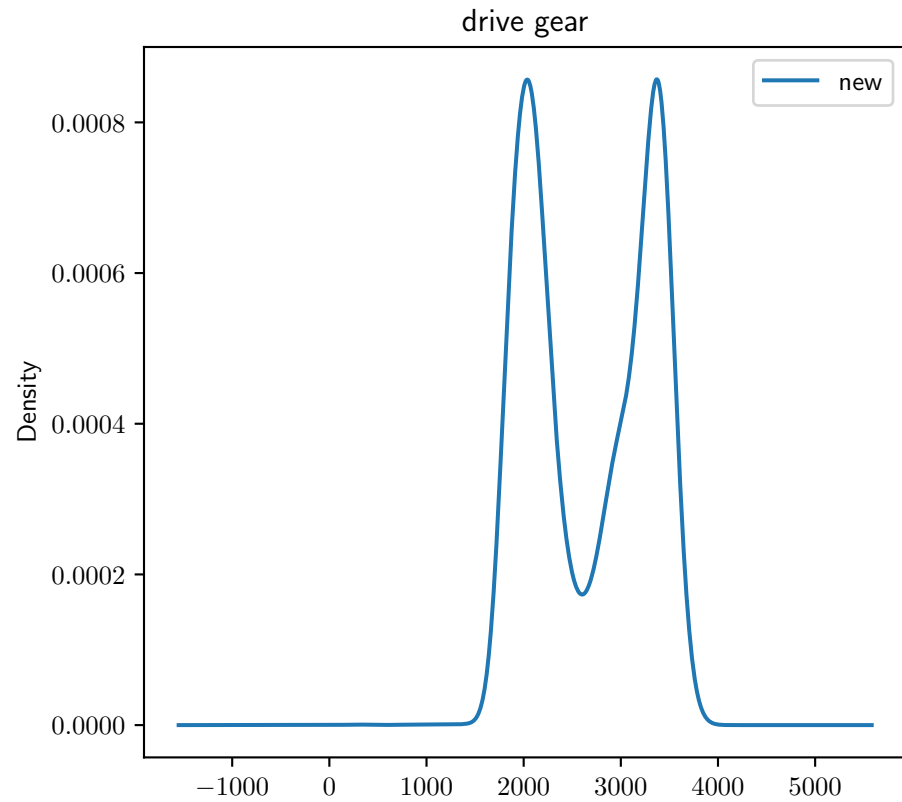
New data: from 2019-04-01 until 2019-05-01

Referent data: recommended distribution (from .config)

Acceleration sensors

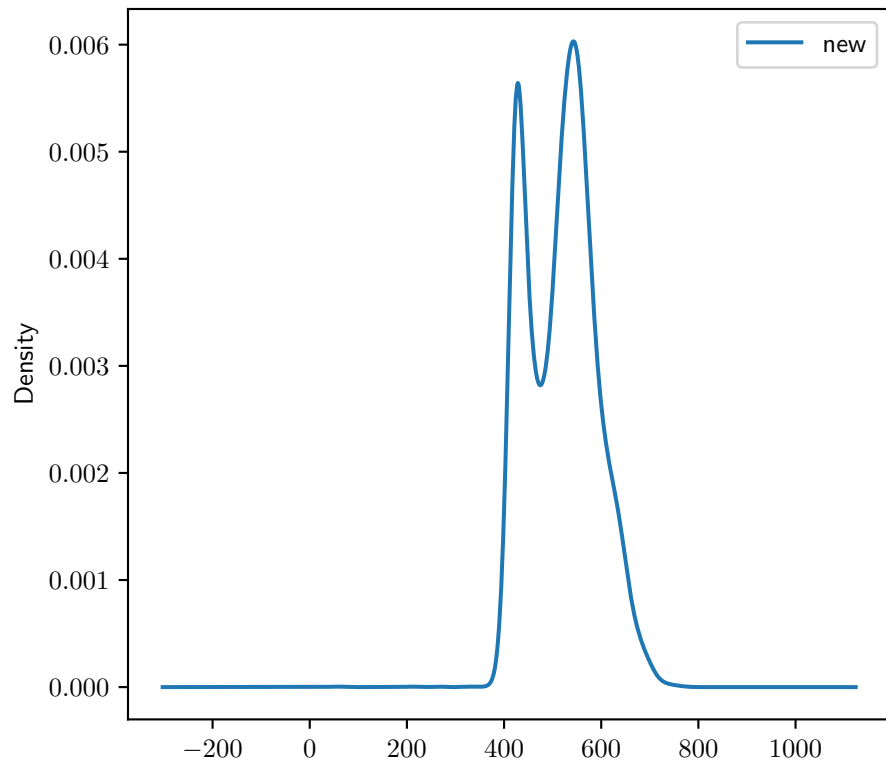
<div>drive gear</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>drive motor</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>drive wheel</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>idle wheel</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>lifting gear</div> <div>$\mu_{ref} = \text{NA}$ $\sigma_{ref} = \text{NA}$ $\sigma^2_{ref} = \text{NA}$ $\mu_{new} = \text{NA}$ $\sigma_{new} = \text{NA}$ $\sigma^2_{new} = \text{NA}$ $good_{cnt}/all_{cnt}$ NA / NA = NA</div> <div>NO DATA</div>	<div>lifting motor</div> <div>$\mu_{ref} = 100.4$ $\sigma_{ref} = 1139.61$ $\sigma^2_{ref} = 1298708.67$ $\mu_{new} = 7255.44$ $\sigma_{new} = 1194.29$ $\sigma^2_{new} = 1426335.69$ $good_{cnt}/all_{cnt}$ 3 / 9304 = 0%</div> <div>BAD FIT</div>
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Distribution for drive sensors (acceleration)

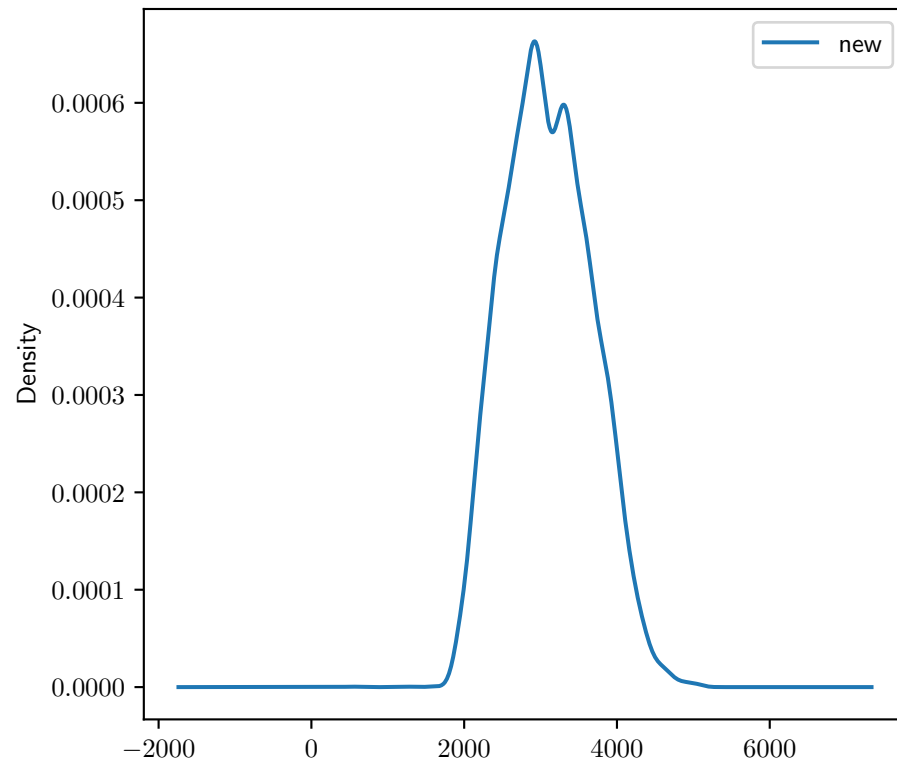


Distribution for other sensors (acceleration)

idle wheel



lifting gear



lifting motor

