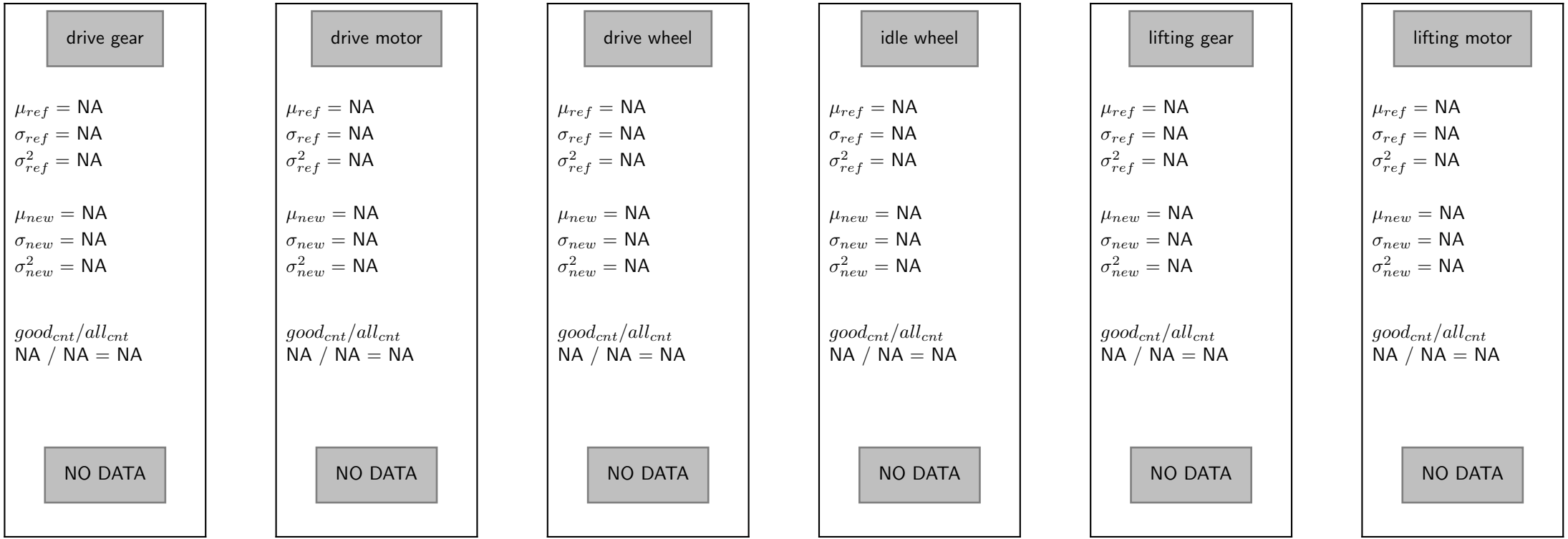
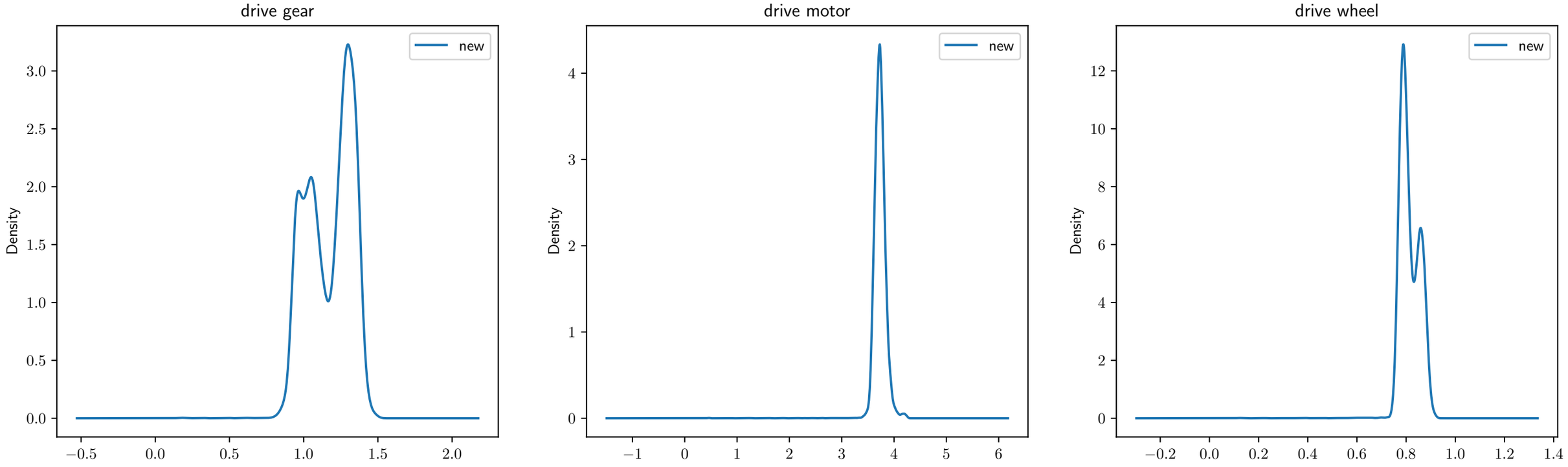
Compatibility check for velocity sensors

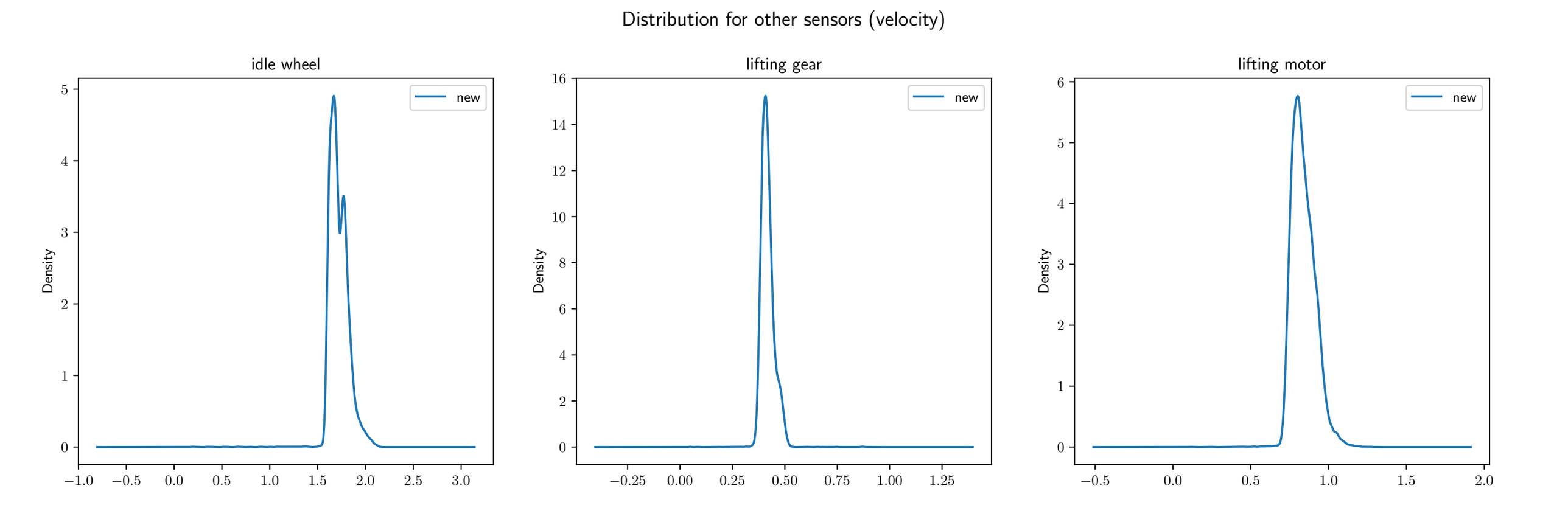
New data:from 1970-01-01 until 2019-07-25

Referent data: last week

Velocity sensors




Distribution for drive sensors (velocity)
drive gear
drive motor
drive wheel
new
Density
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−0.5
0.0
0.5
1.0
1.5
2.0
0
1
2
3
4
−1
0
1
2
3
4
5
6
0
2
4
6
8
10
12
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

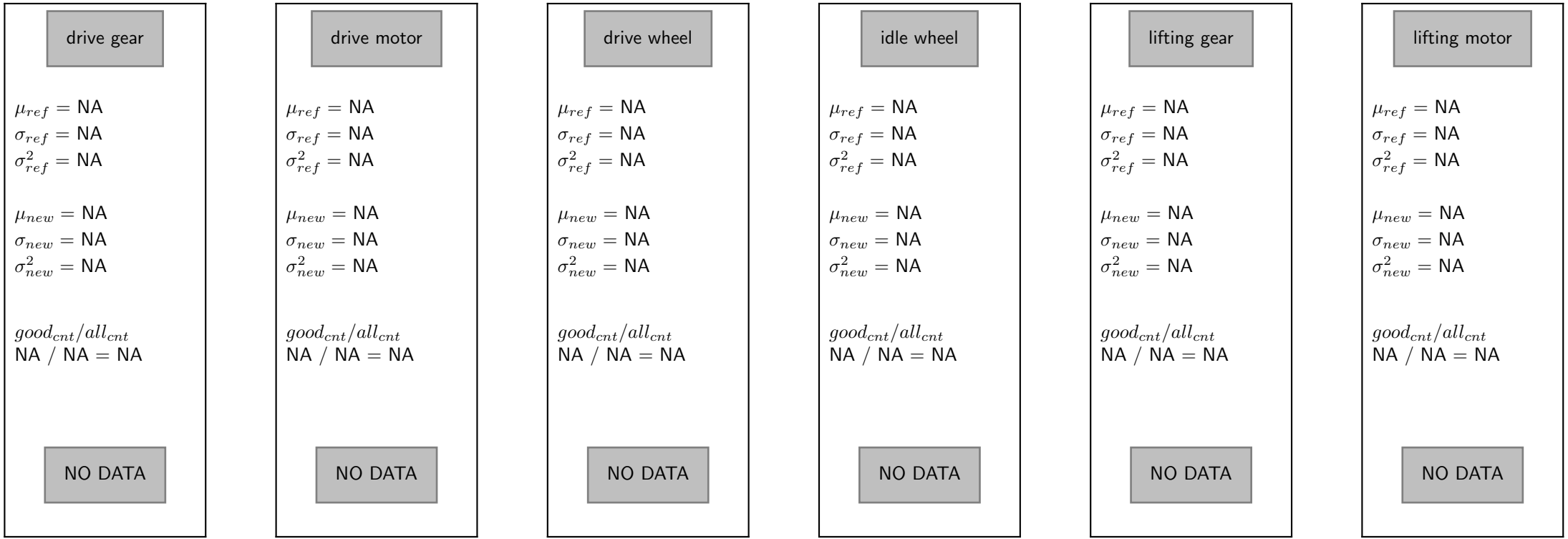

Distribution for other sensors (velocity)
idle wheel
lifting gear
lifting motor
new
Density
0
1
2
3
4
5
6
8
10
12
14
16
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−0.25
0.00
0.25
0.50
0.75
1.00
1.25

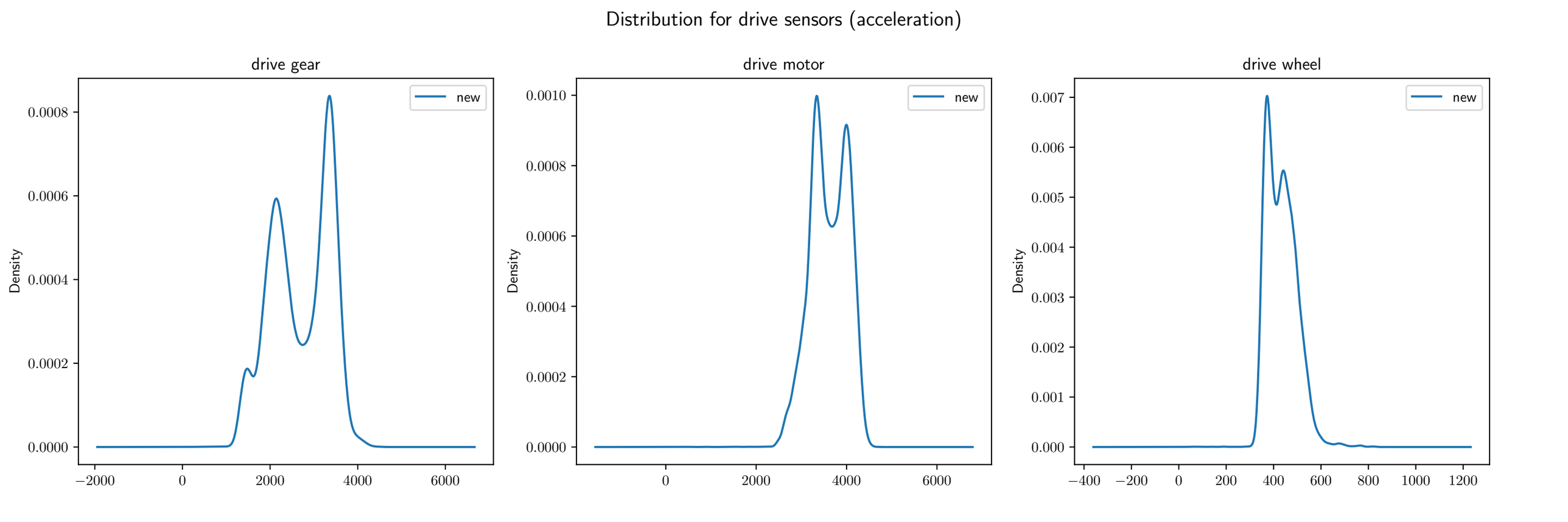
Compatibility check for acceleration sensors

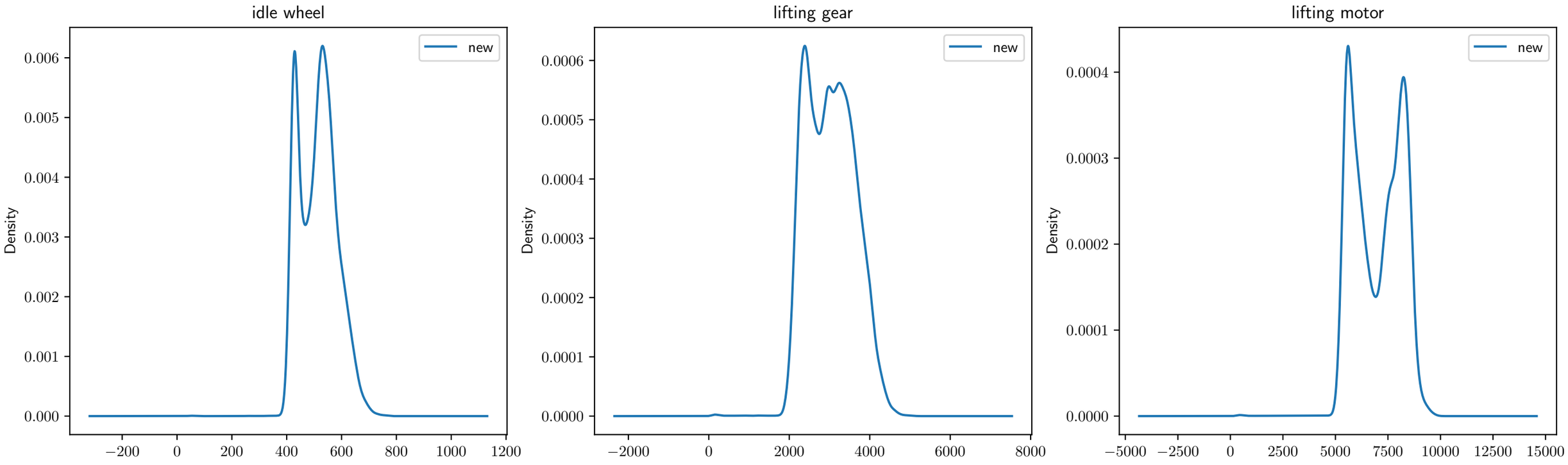
New data: from 1970-01-01 until 2019-07-25

Referent data: last week

Acceleration sensors




Distribution for drive sensors (acceleration)
drive gear
drive motor
drive wheel
new
Density
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
−2000
0
2000
4000
6000
−400
−200
200
400
600
800
1000
1200

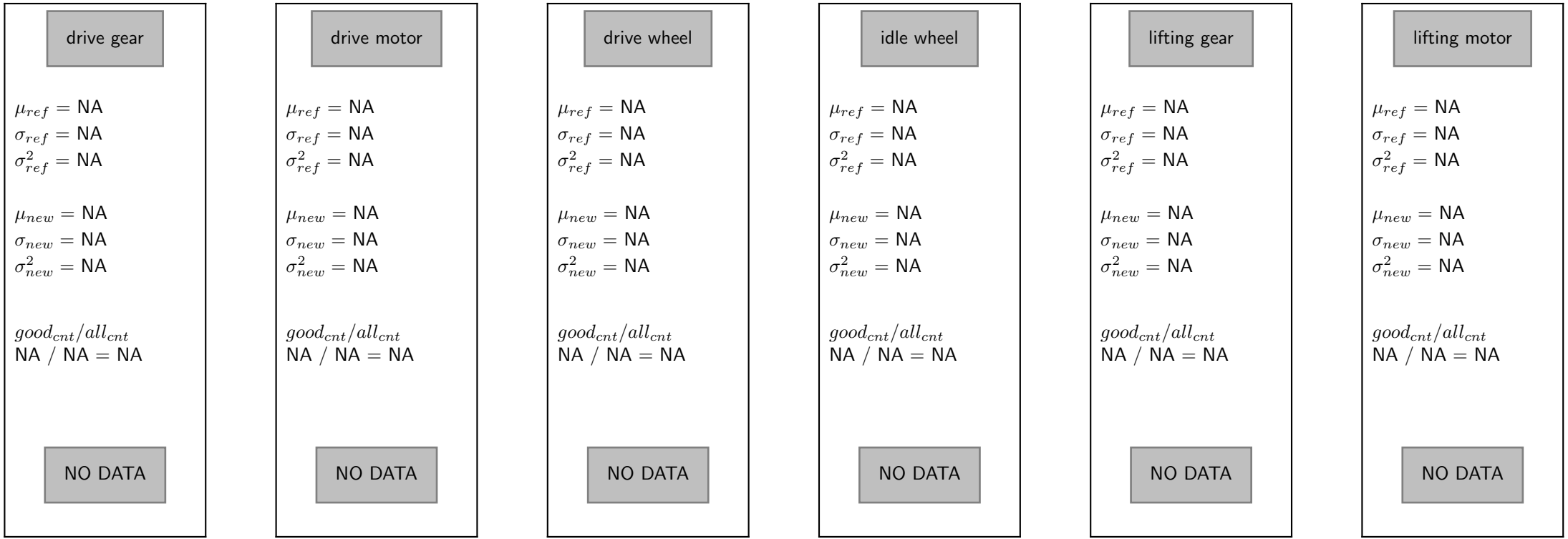

Distribution for other sensors (acceleration)
idle wheel
lifting gear
lifting motor
new
Density
0.006
0.005
0.004
0.003
0.002
0.001
0.000
−200
0
200
400
600
800
1000
1200
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0.0000
−2000
2000
4000
6000
8000
−5000
−2500
2500
5000
7500
10000
12500
15000

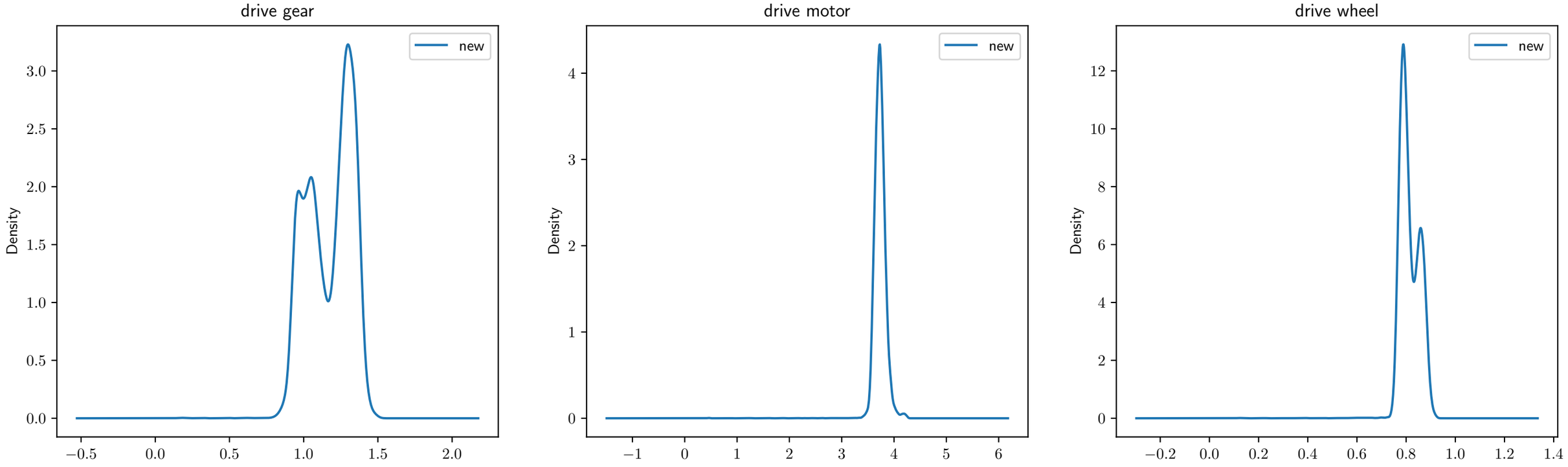
Compatibility check for velocity sensors

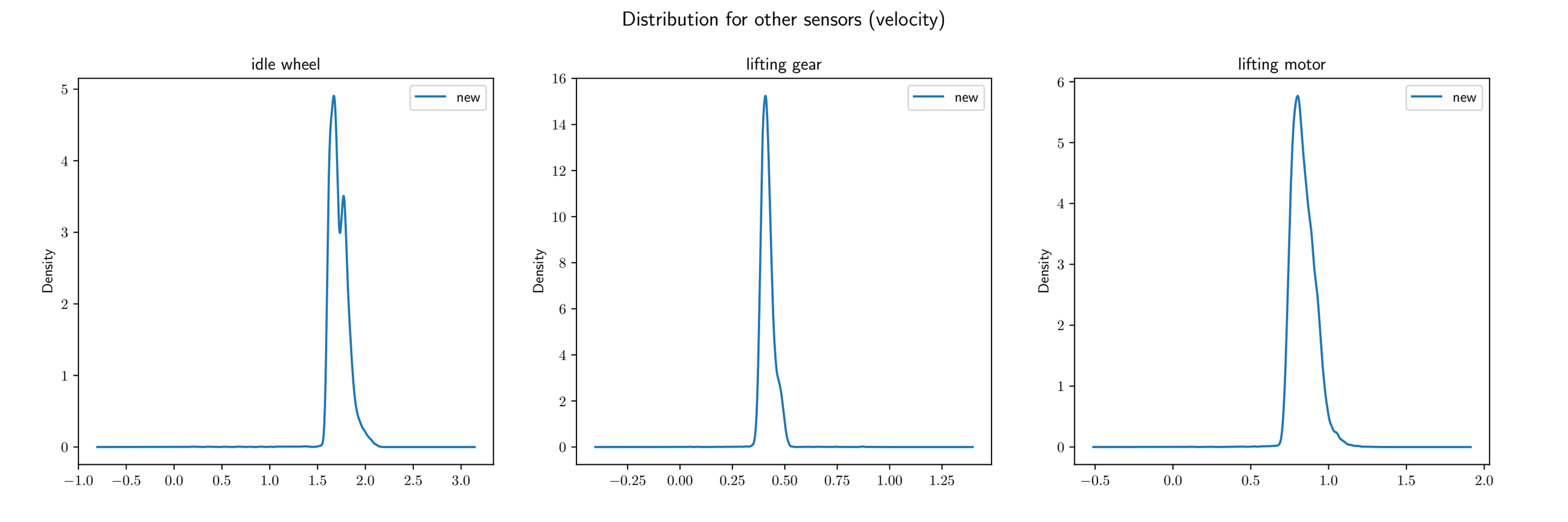
New data:from 1970-01-01 until 2019-07-25

Referent data: last 30 days

Velocity sensors




Distribution for drive sensors (velocity)
drive gear
drive motor
drive wheel
new
Density
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−0.5
0.0
0.5
1.0
1.5
2.0
0
1
2
3
4
−1
0
1
2
3
4
5
6
0
2
4
6
8
10
12
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4

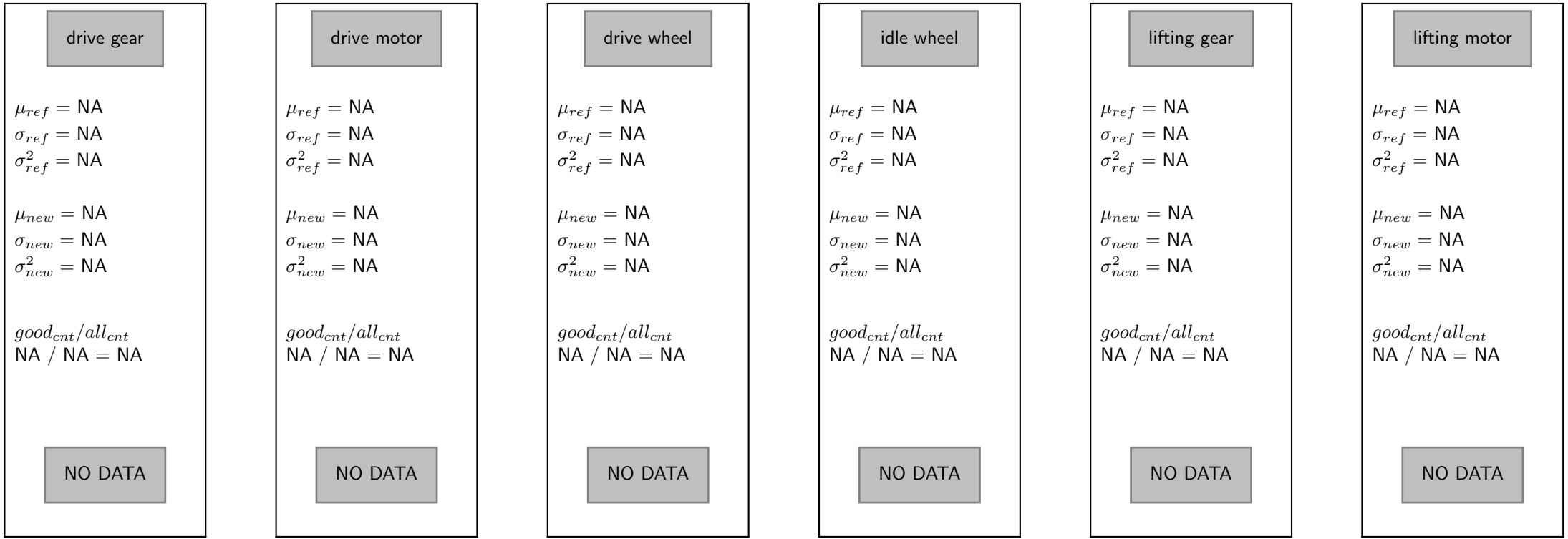

Distribution for other sensors (velocity)
idle wheel
lifting gear
lifting motor
new
Density
0
1
2
3
4
5
6
8
10
12
14
16
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−0.25
0.00
0.25
0.50
0.75
1.00
1.25

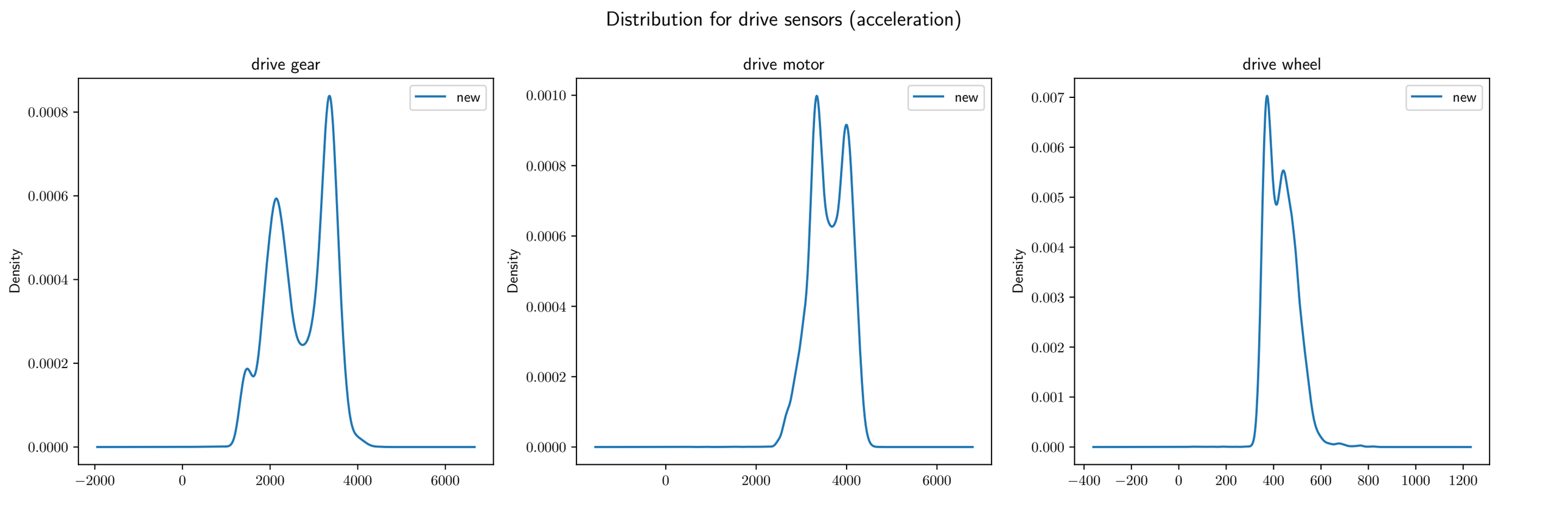
Compatibility check for acceleration sensors

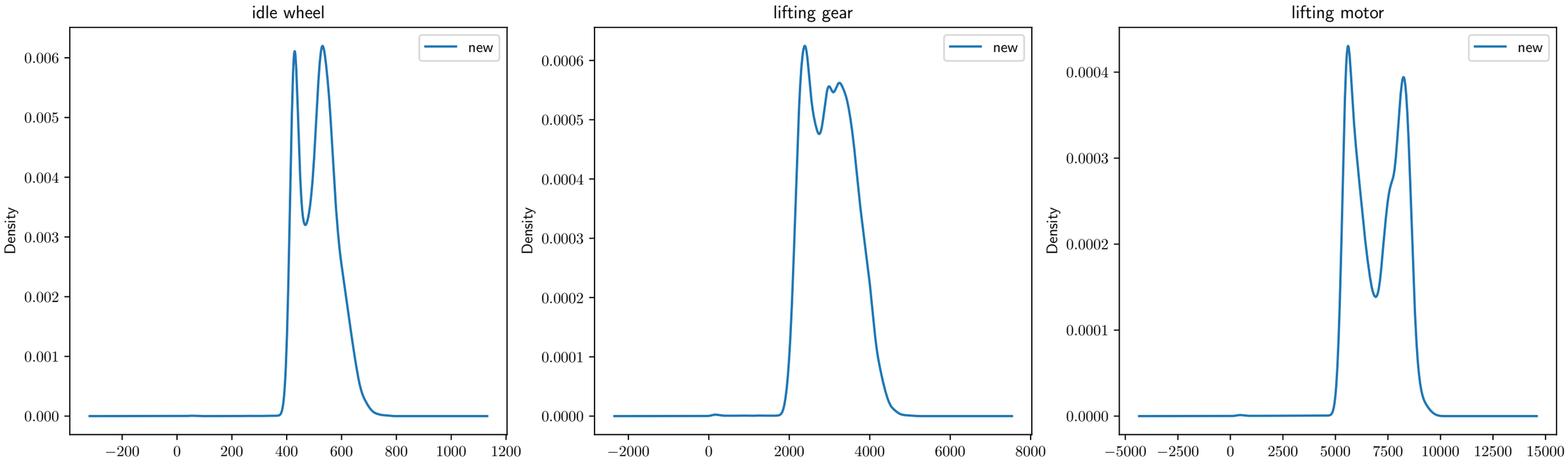
New data: from 1970-01-01 until 2019-07-25

Referent data: last 30 days

Acceleration sensors




Distribution for drive sensors (acceleration)
drive gear
drive motor
drive wheel
new
Density
0.0000
0.0002
0.0004
0.0006
0.0008
0.0010
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
−2000
0
2000
4000
6000
−400
−200
200
400
600
800
1000
1200

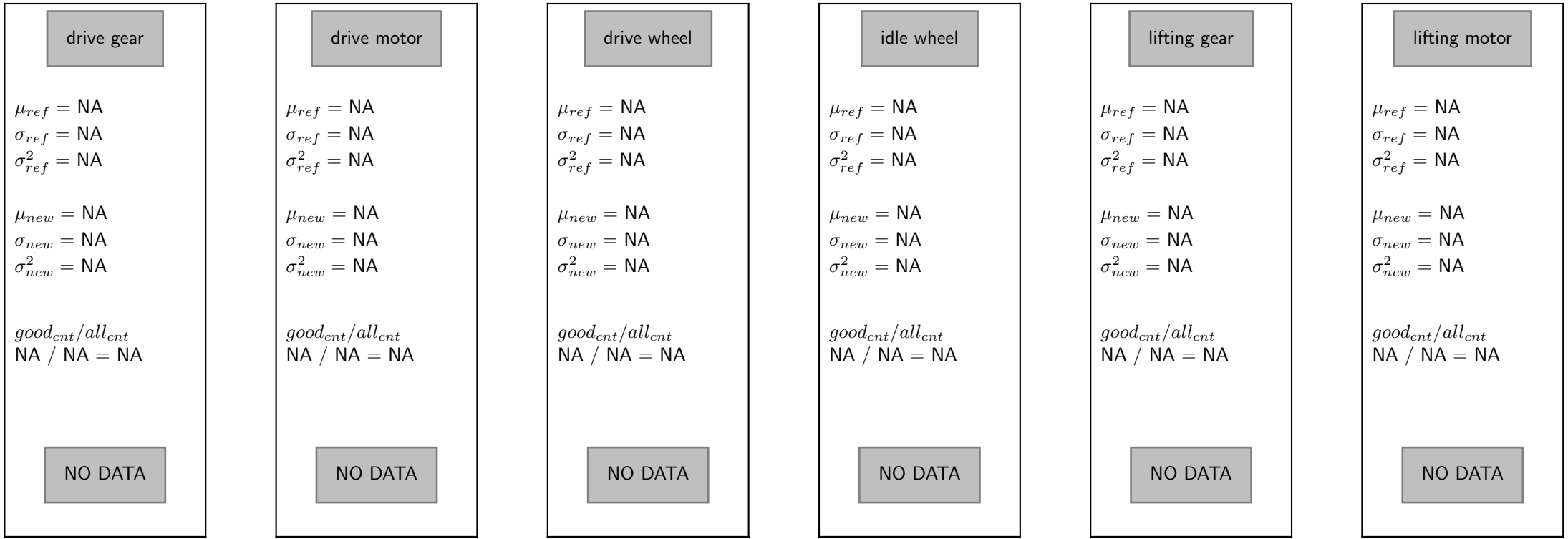

Distribution for other sensors (acceleration)
idle wheel
lifting gear
lifting motor
new
Density
0.006
0.005
0.004
0.003
0.002
0.001
0.000
−200
0
200
400
600
800
1000
1200
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0.0000
−2000
2000
4000
6000
8000
−5000
−2500
2500
5000
7500
10000
12500
15000

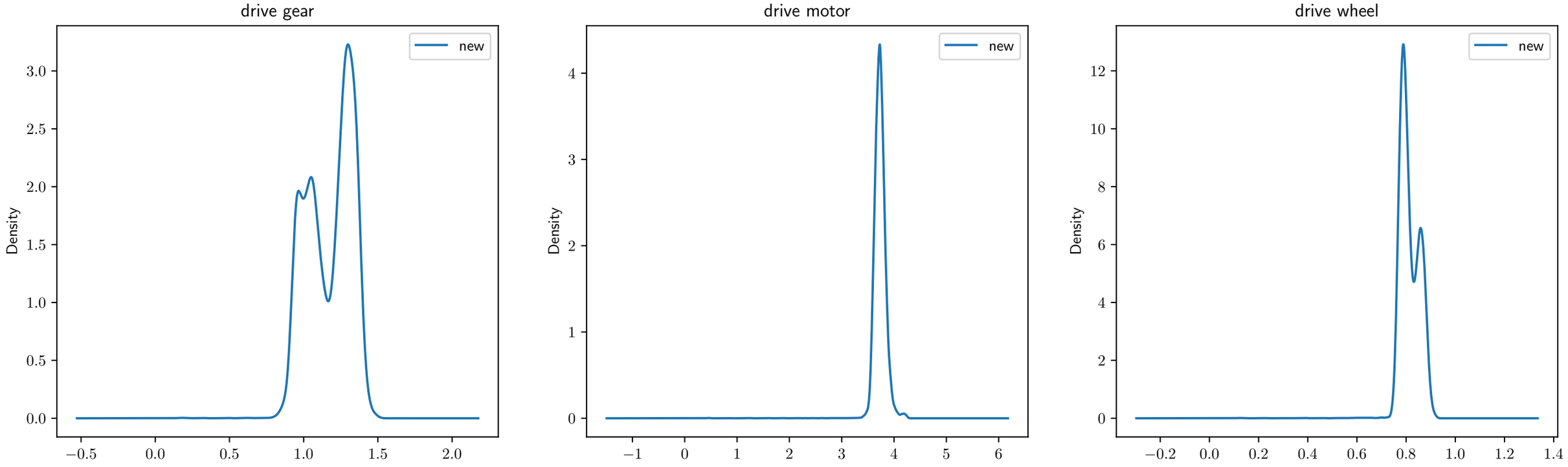
Compatibility check for velocity sensors

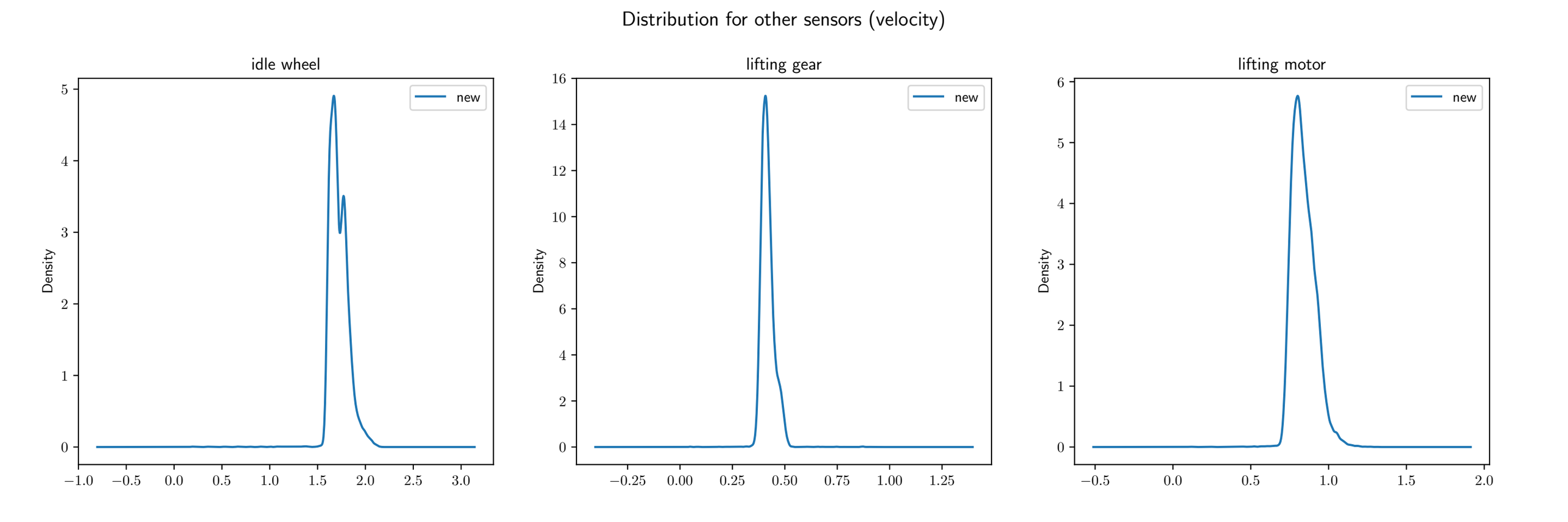
New data:from 1970-01-01 until 2019-07-25

Referent data: recommended distribution (from .config)

Velocity sensors




Distribution for drive sensors (velocity)
drive gear
drive motor
drive wheel
new
Density
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−0.5
0.0
0.5
1.0
1.5
2.0
0
1
2
3
4
−1
0
1
2
3
4
5
6
0
2
4
6
8
10
12
−0.2
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4


Distribution for other sensors (velocity)
idle wheel
lifting gear
lifting motor
new
Density
0
1
2
3
4
5
6
8
10
12
14
16
−1.0
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
3.0
−0.25
0.00
0.25
0.50
0.75
1.00
1.25

Compatibility check for acceleration sensors

New data: from 1970-01-01 until 2019-07-25

Referent data: recommended distribution (from .config)

Acceleration sensors

drive gear

μ_{ref} = NA
σ_{ref} = NA
σ^2_{ref} = NA

μ_{new} = NA
σ_{new} = NA
σ^2_{new} = NA

$good_{cnt}/all_{cnt}$
NA / NA = NA

NO DATA

drive motor

μ_{ref} = NA
σ_{ref} = NA
σ^2_{ref} = NA

μ_{new} = NA
σ_{new} = NA
σ^2_{new} = NA

$good_{cnt}/all_{cnt}$
NA / NA = NA

NO DATA

drive wheel

μ_{ref} = NA
σ_{ref} = NA
σ^2_{ref} = NA

μ_{new} = NA
σ_{new} = NA
σ^2_{new} = NA

$good_{cnt}/all_{cnt}$
NA / NA = NA

NO DATA

idle wheel

μ_{ref} = NA
σ_{ref} = NA
σ^2_{ref} = NA

μ_{new} = NA
σ_{new} = NA
σ^2_{new} = NA

$good_{cnt}/all_{cnt}$
NA / NA = NA

NO DATA

lifting gear

μ_{ref} = NA
σ_{ref} = NA
σ^2_{ref} = NA

μ_{new} = NA
σ_{new} = NA
σ^2_{new} = NA

$good_{cnt}/all_{cnt}$
NA / NA = NA

NO DATA

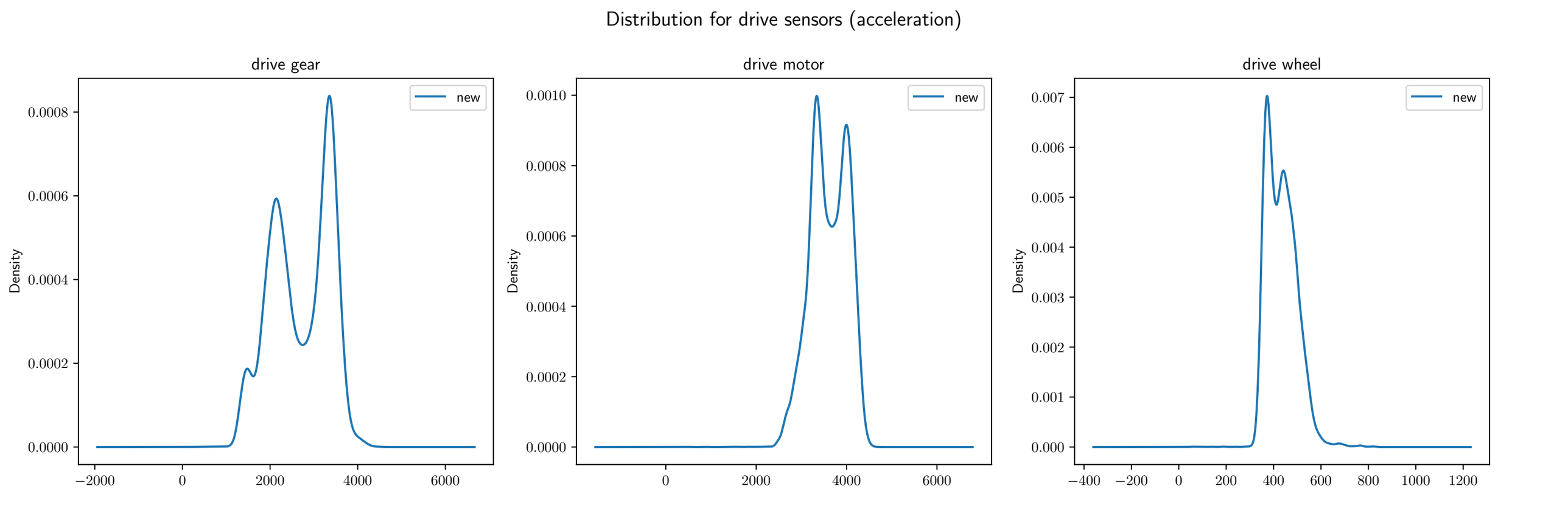
lifting motor

μ_{ref} = 100.4
σ_{ref} = 1139.61
σ^2_{ref} = 1298708.67

μ_{new} = 6994.88
σ_{new} = 1160.48
σ^2_{new} = 1346702.35

$good_{cnt}/all_{cnt}$
55 / 39520 = 0%

BAD FIT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drive gear
drive motor
drive wheel
new
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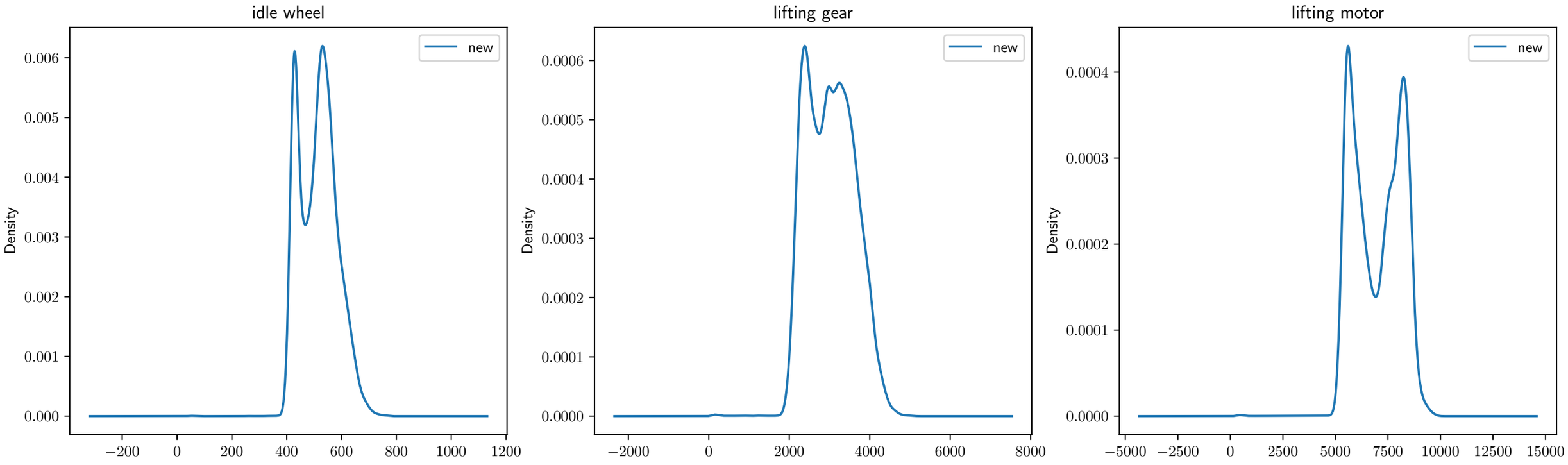
0.0002
0.0004
0.0006
0.0008
0.0010
0.000
0.001
0.002
0.003
0.004
0.005
0.006
0.007
−2000
0
2000
4000
6000
−400
−200
200
400
600
800
1000
1200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idle wheel
lifting gear
lifting motor
new
Density
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0.005
0.004
0.003
0.002
0.001
0.000
−200
0
200
400
600
800
1000
1200
0.0006
0.0005
0.0004
0.0003
0.0002
0.0001
0.0000
−2000
2000
4000
6000
8000
−5000
−2500
2500
5000
7500
10000
12500
15000