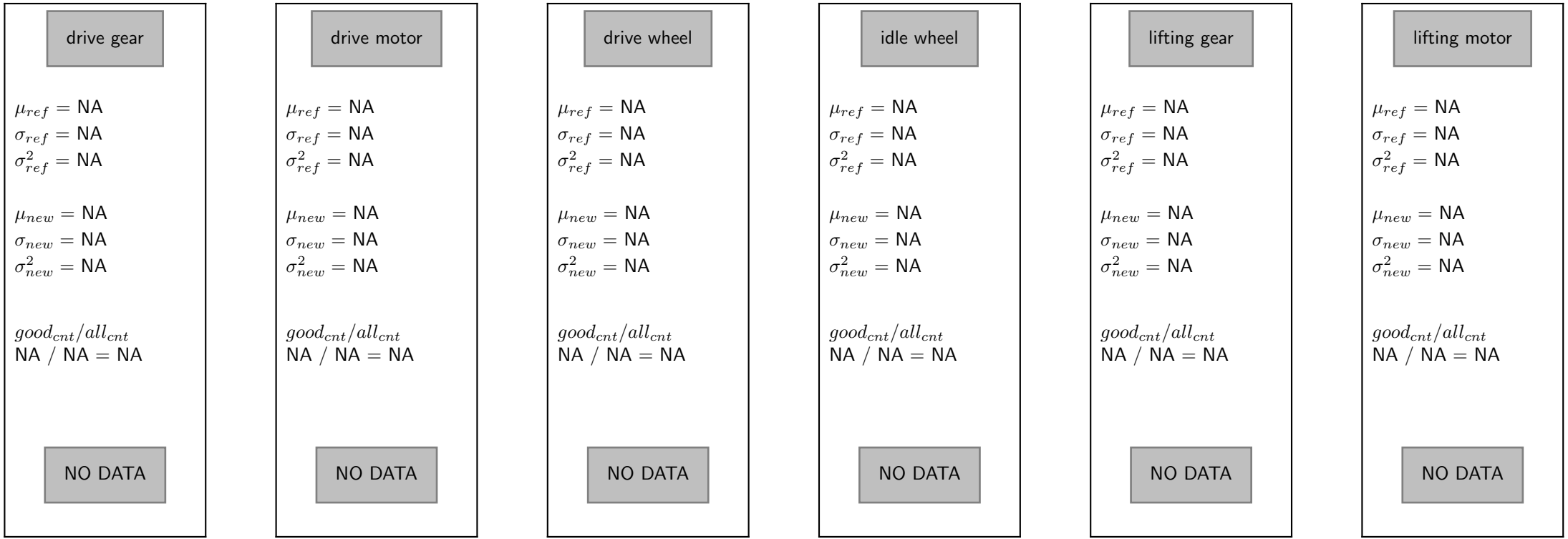
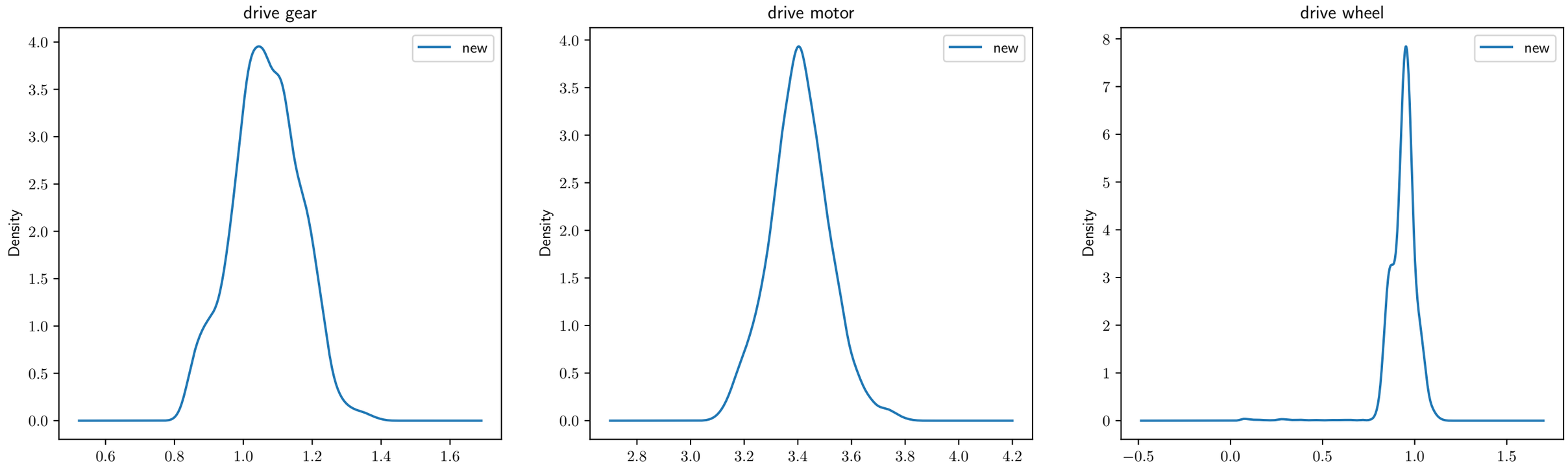
Compatibility check for velocity sensors

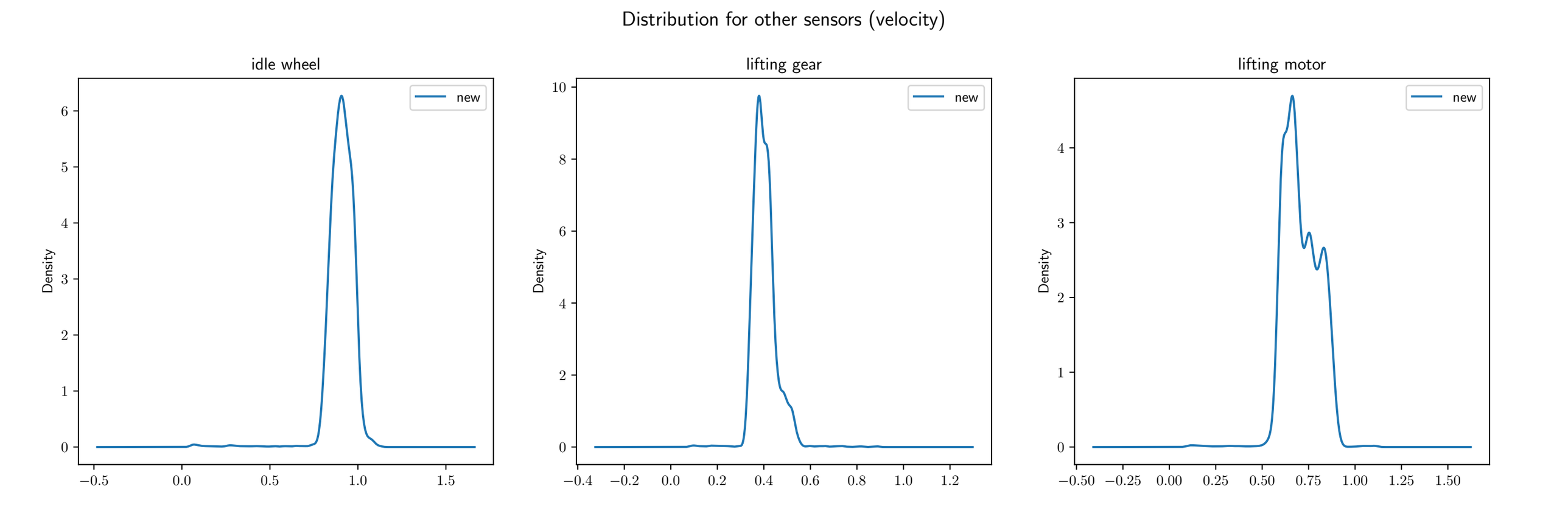
New data:from 2019-04-01 until 2019-05-01

Referent data: referent data

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
3.5
4.0
0
1
2
3
4
5
6
7
8
0.6
0.8
1.0
1.2
1.4
1.6
2.8
3.0
3.2
3.4
3.6
3.8
4.0
4.2
−0.5
0.0
0.5
1.0
1.5


Distribution for other sensors (velocity)
idle wheel
lifting gear
lifting motor
new
Density
0
1
2
3
4
5
6
8
10
−0.5
0.0
0.5
1.0
1.5
−0.4
−0.2
0.2
0.4
0.6
0.8
1.2
−0.50
−0.25
0.00
0.25
0.50
0.75
1.00
1.25
1.50

Compatibility check for acceleration sensors

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

Referent data: referent data

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

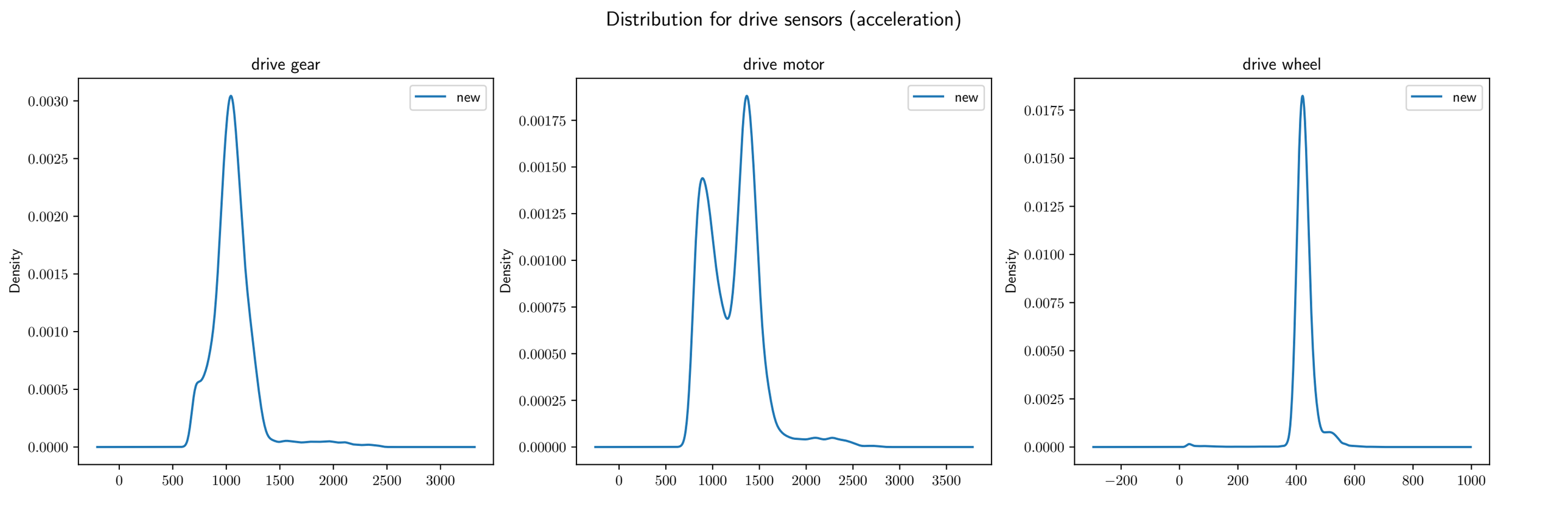
lifting motor

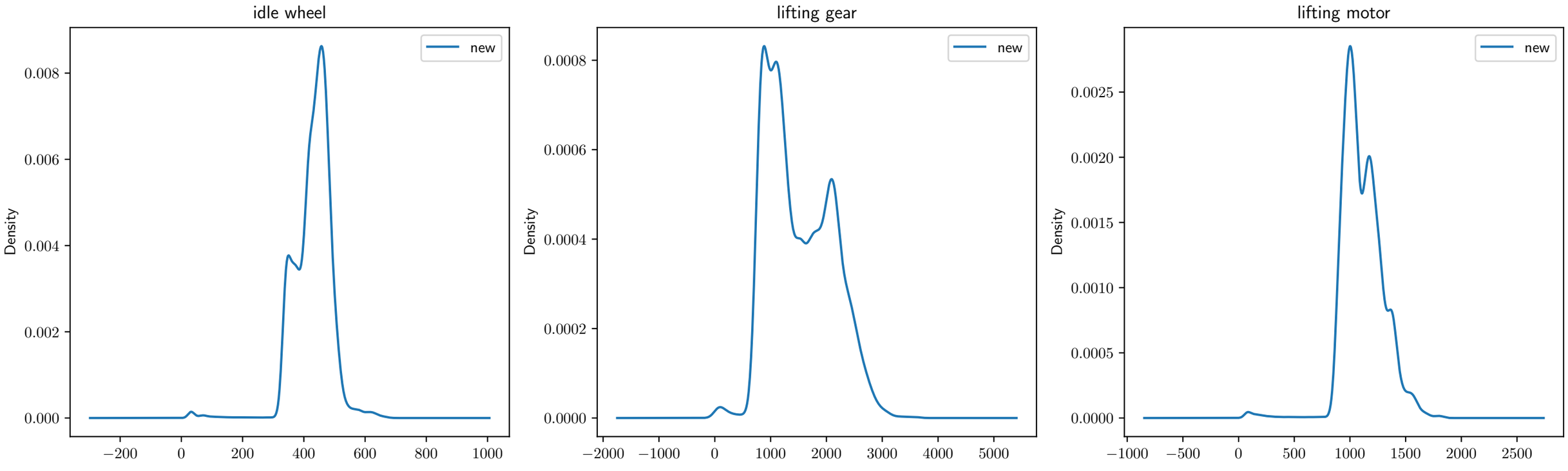
μ_{ref} = 100.4
σ_{ref} = 1139.61
σ^2_{ref} = 1298708.67

μ_{new} = 1113.33
σ_{new} = 187.19
σ^2_{new} = 35041.34

$good_{cnt}/all_{cnt}$
15559 / 15559 = 100%

GOOD FIT


Distribution for drive sensors (acceleration)
drive gear
drive motor
drive wheel
new
Density
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
0.00175
0.00150
0.00125
0.00100
0.00075
0.00050
0.00025
0.00000
0.0175
0.0150
0.0125
0.0100
0.0075
0.0050
0.0025
0
500
1000
1500
2000
2500
3000
3500
−200
200
400
600
800


Distribution for other sensors (acceleration)
idle wheel
lifting gear
lifting motor
new
Density
0.008
0.006
0.004
0.002
0.000
−200
0
200
400
600
800
1000
0.0008
0.0006
0.0004
0.0002
0.0000
−2000
−1000
0
1000
2000
3000
4000
5000
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
−1000
−500
0
500
1000
1500
2000
2500