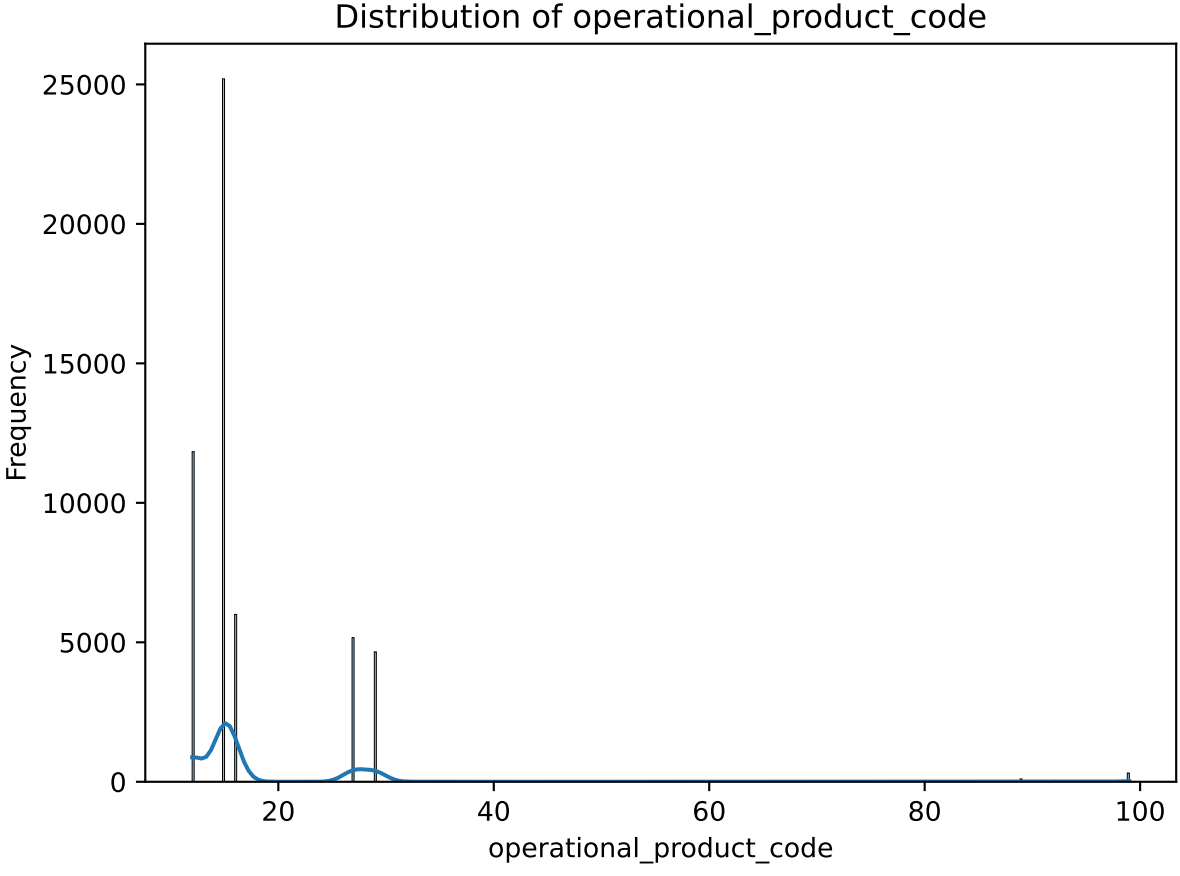
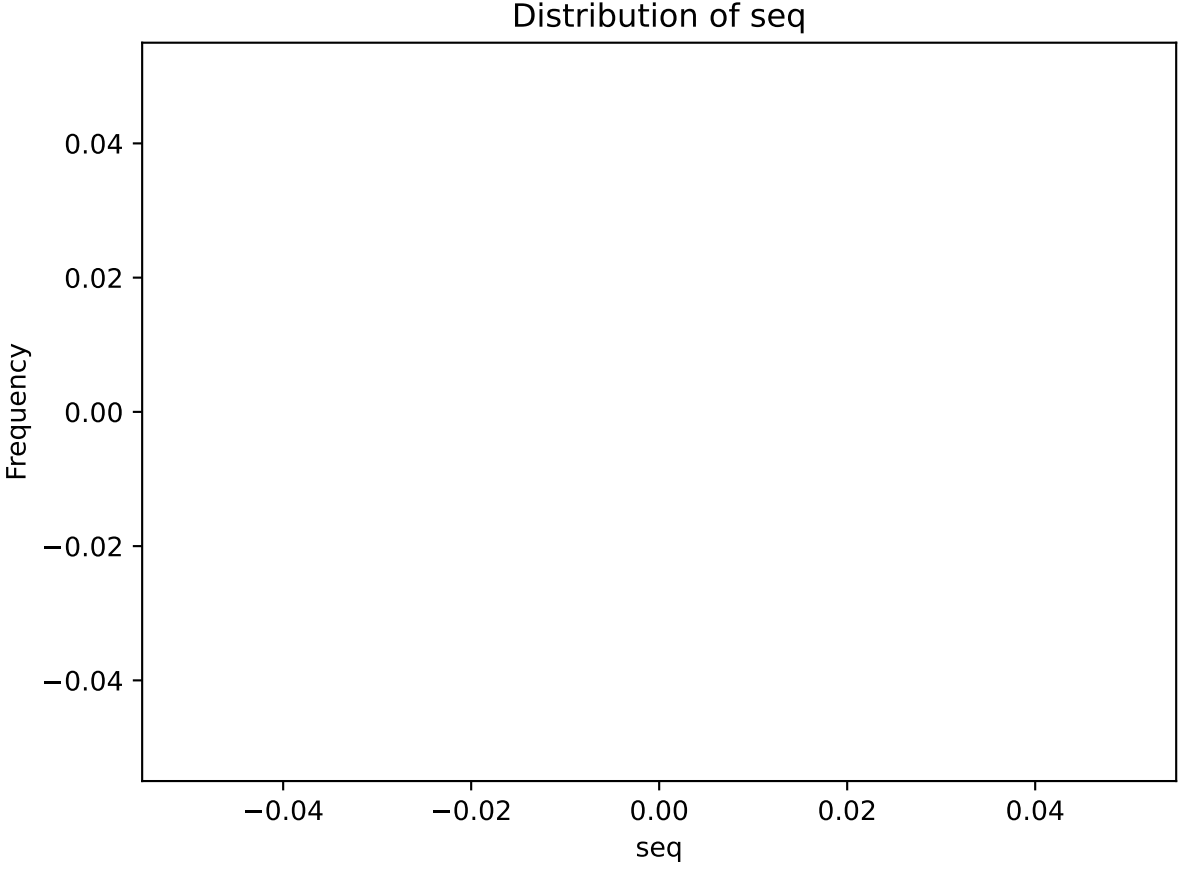
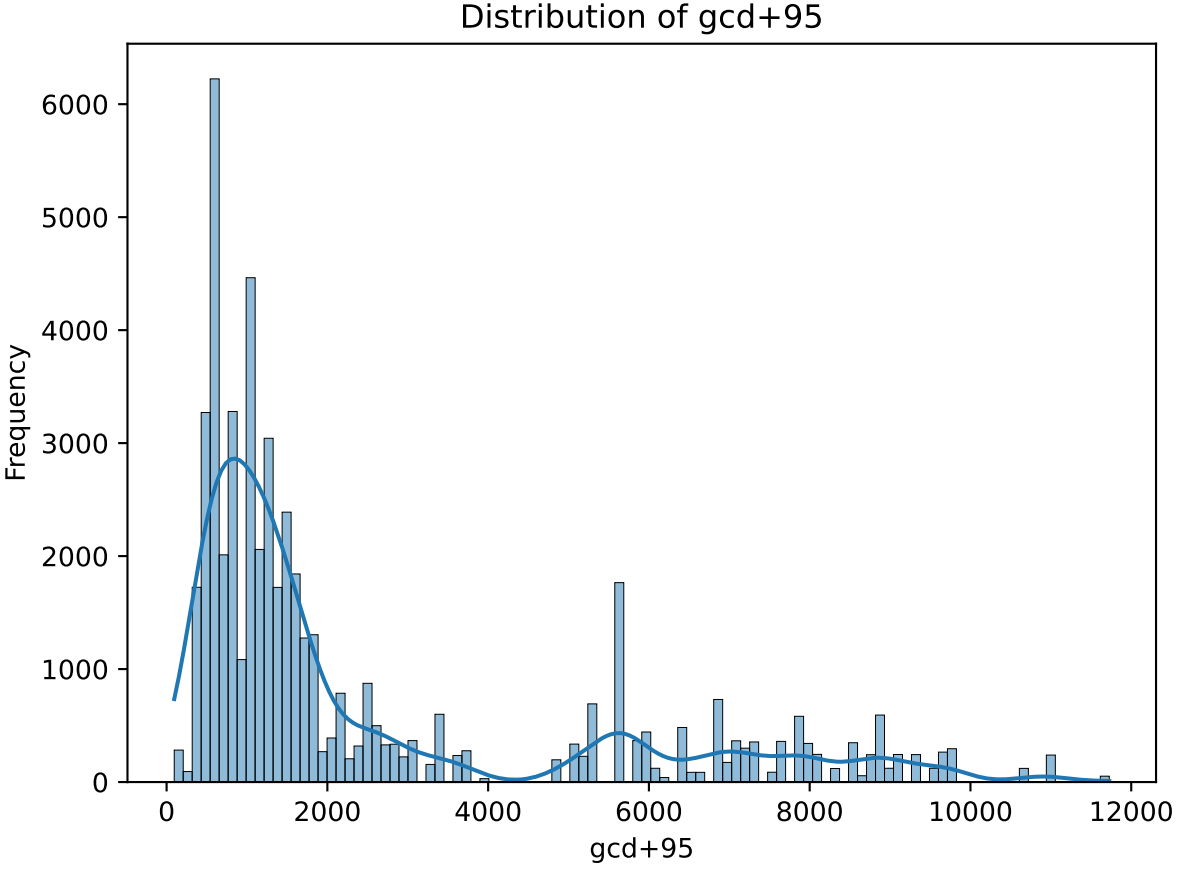
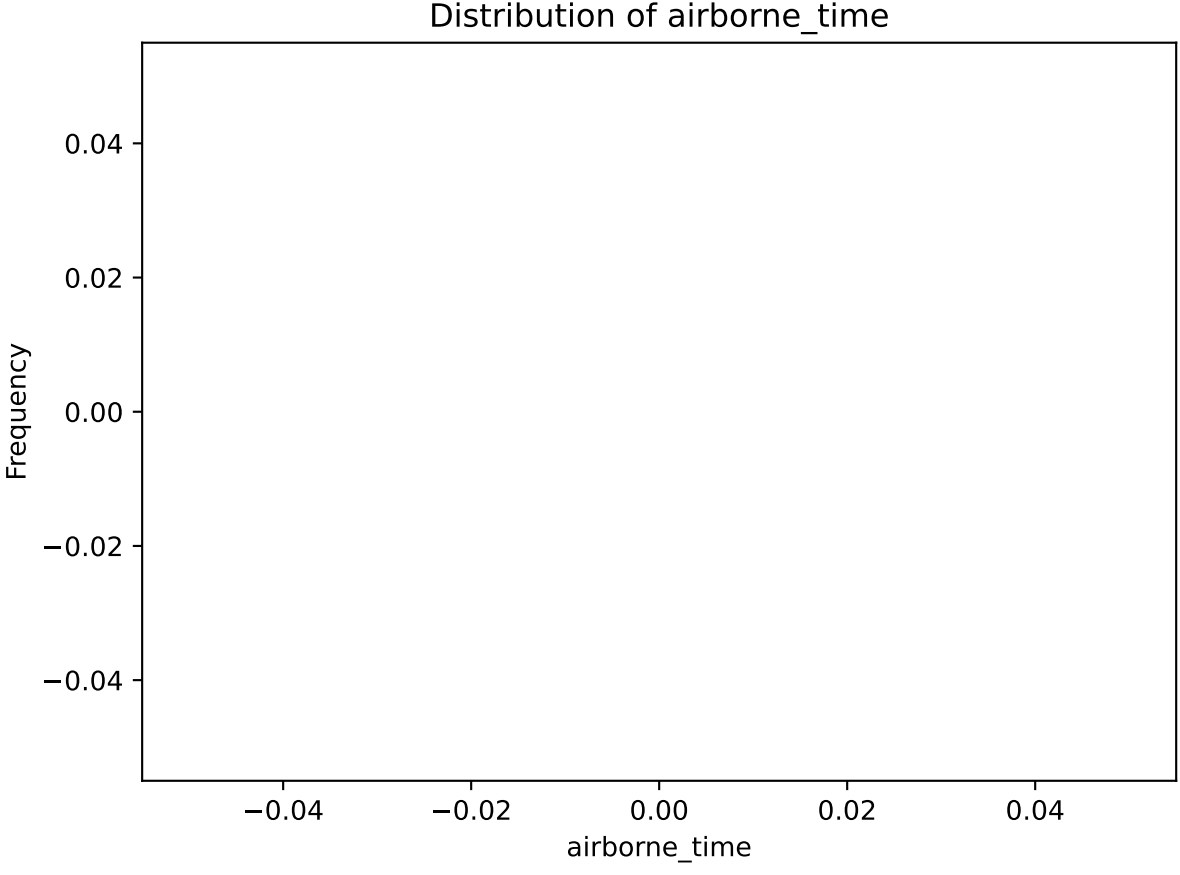
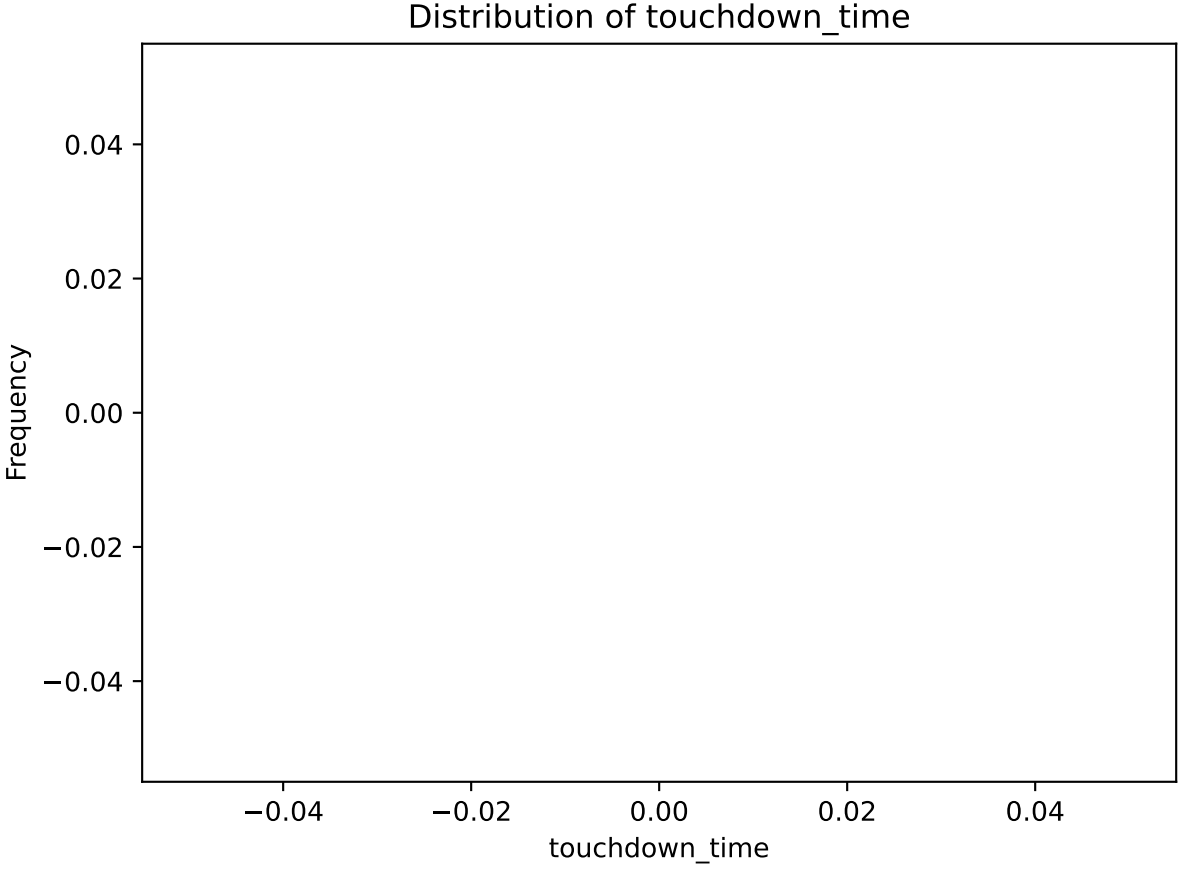
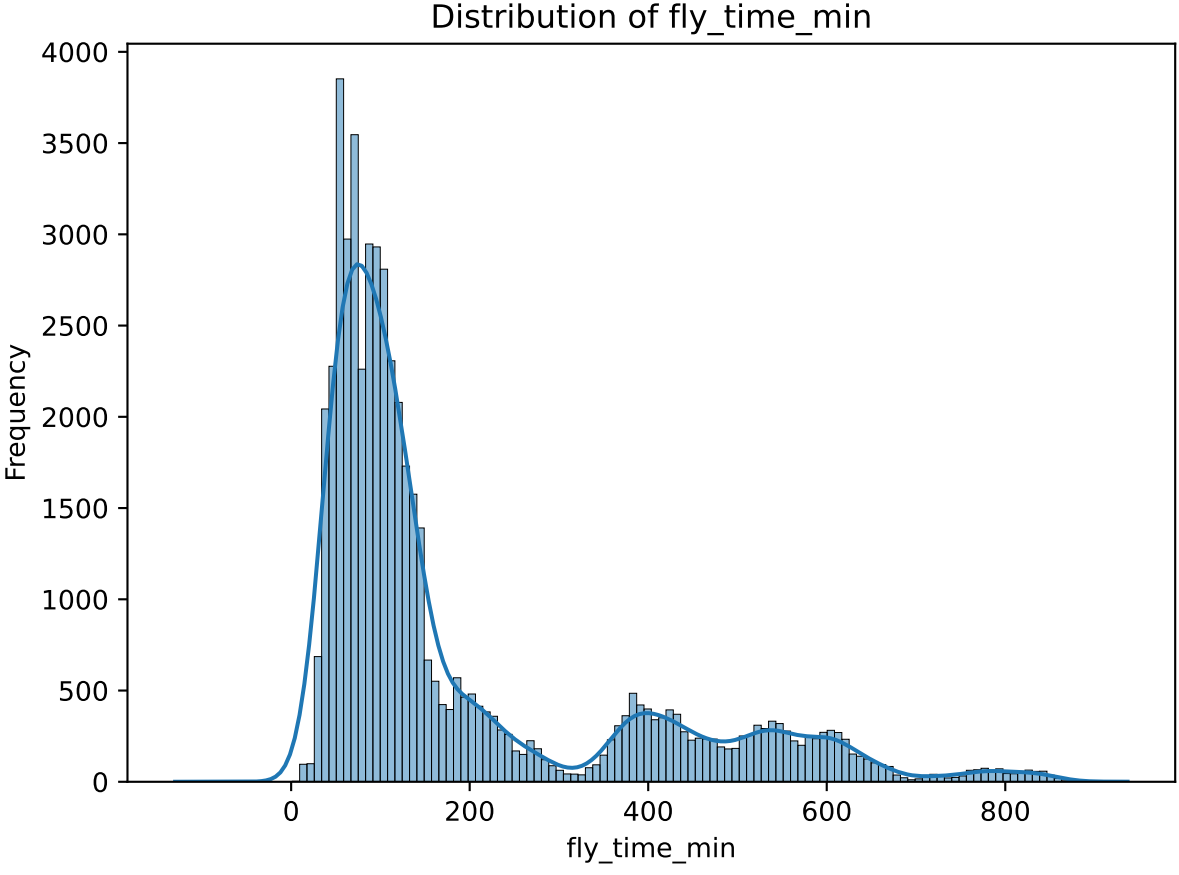

Distribution of operational_product_code
Frequency
operational_product_code
0
5000
10000
15000
20000
25000
20
40
60
80
100

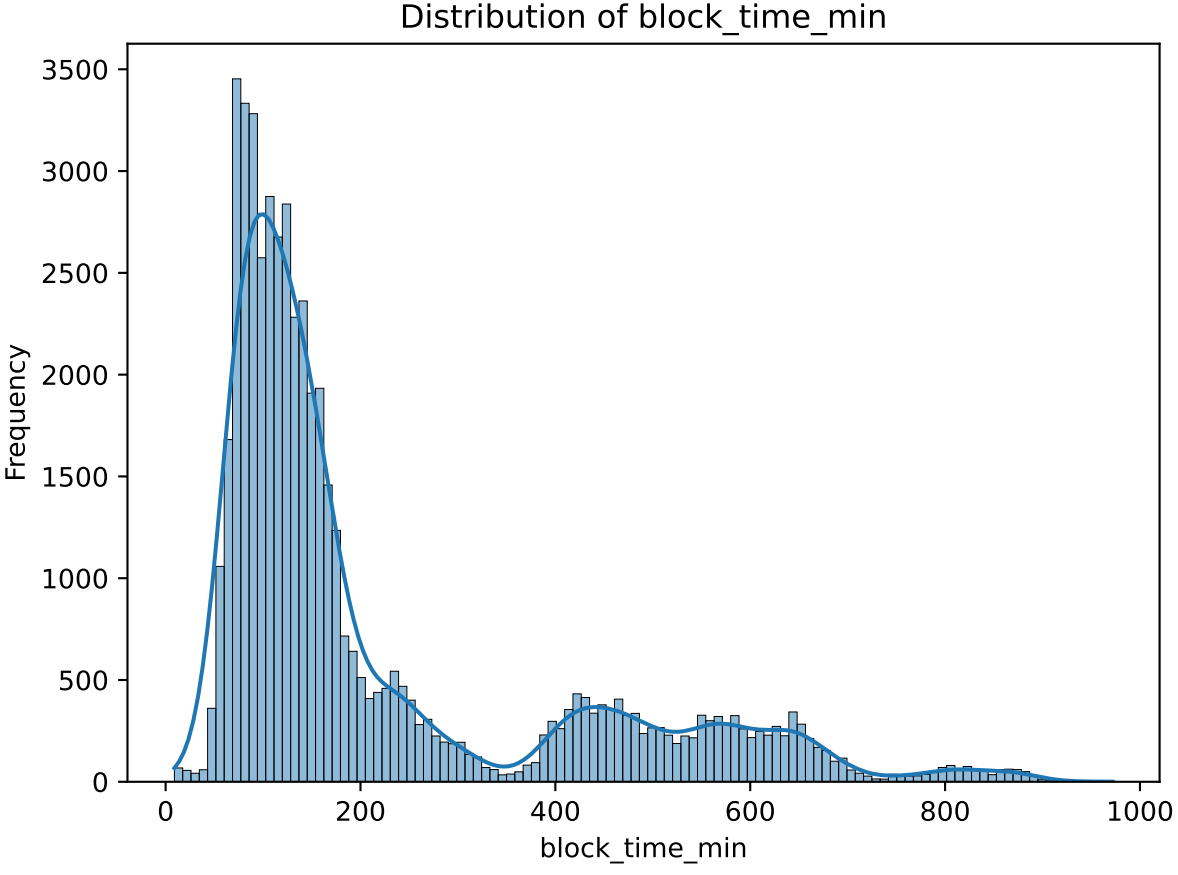

Distribution of seq
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
seq

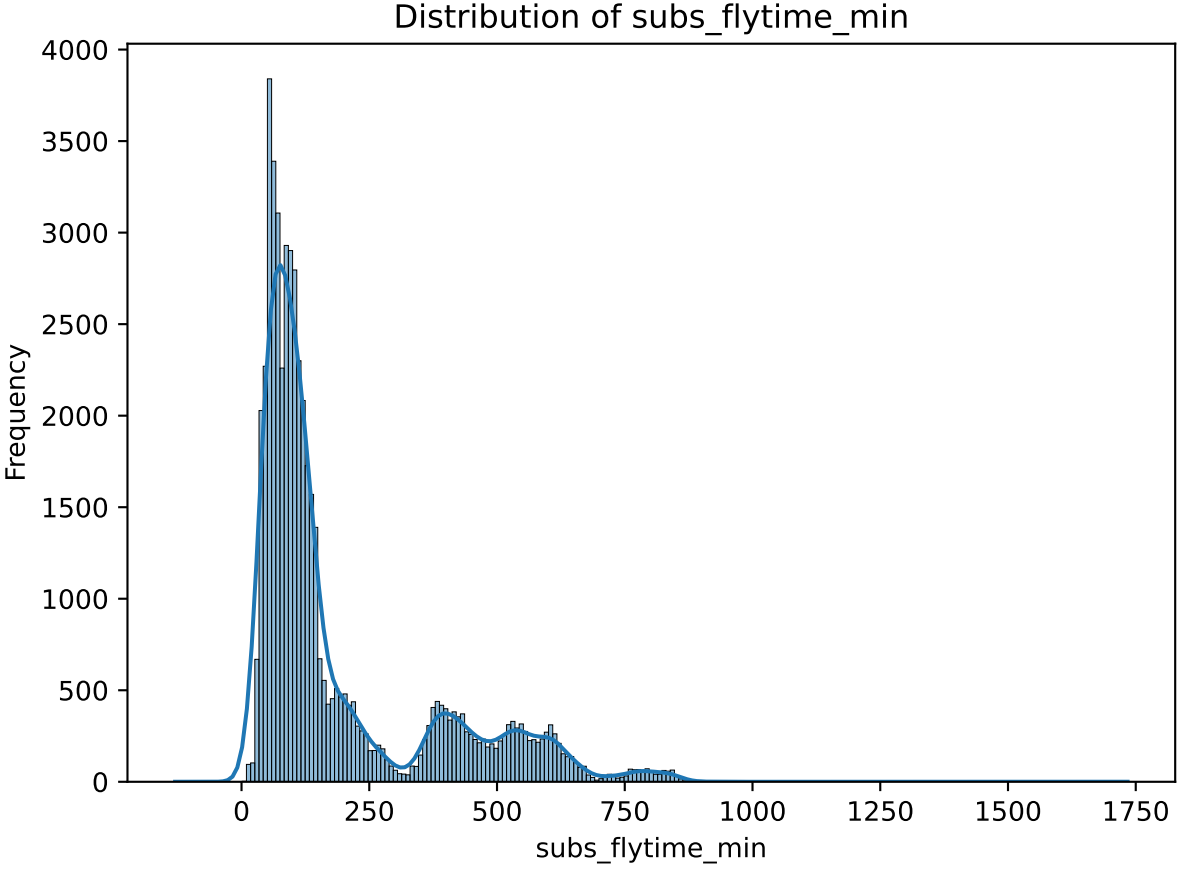

Distribution of gcd+95
Frequency
gcd+95
0
1000
2000
3000
4000
5000
6000
0
2000
4000
6000
8000
10000
12000

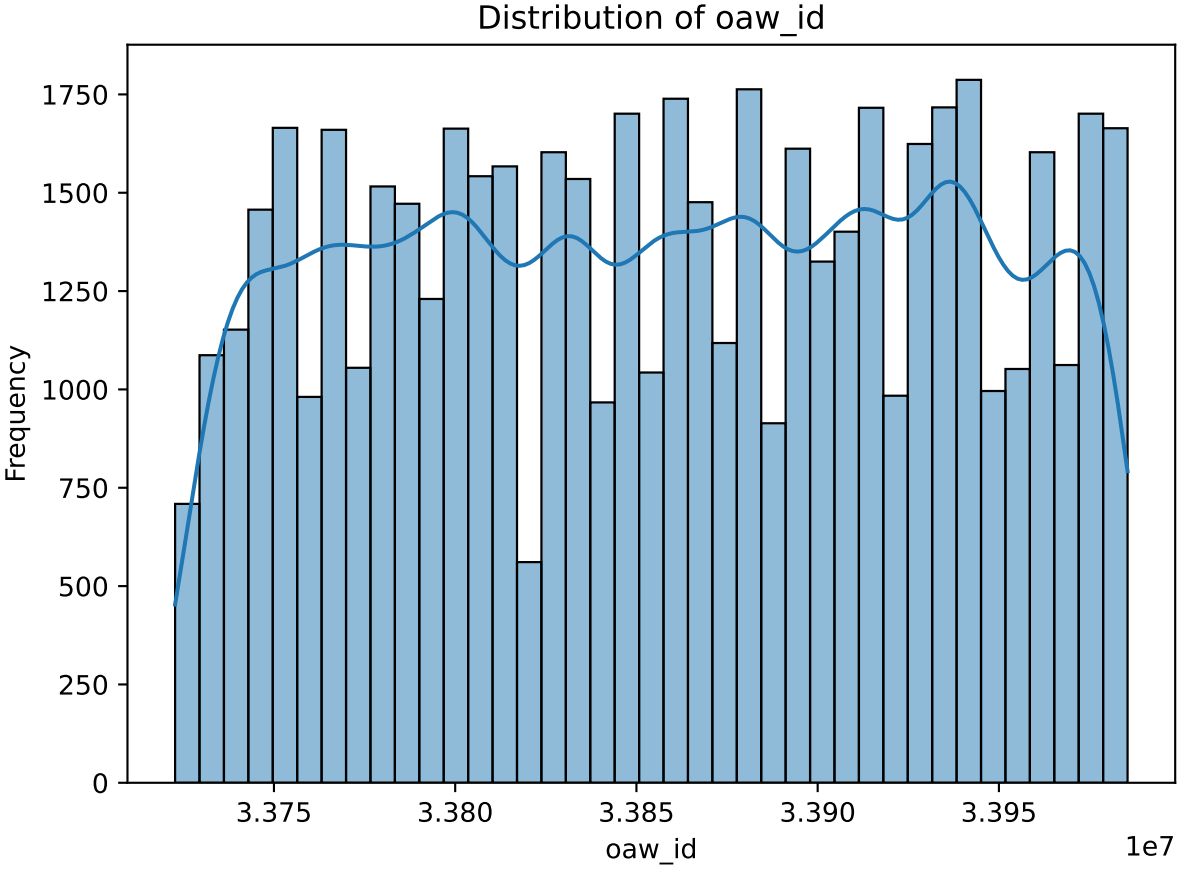

Distribution of airborne_time
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
airborne_time

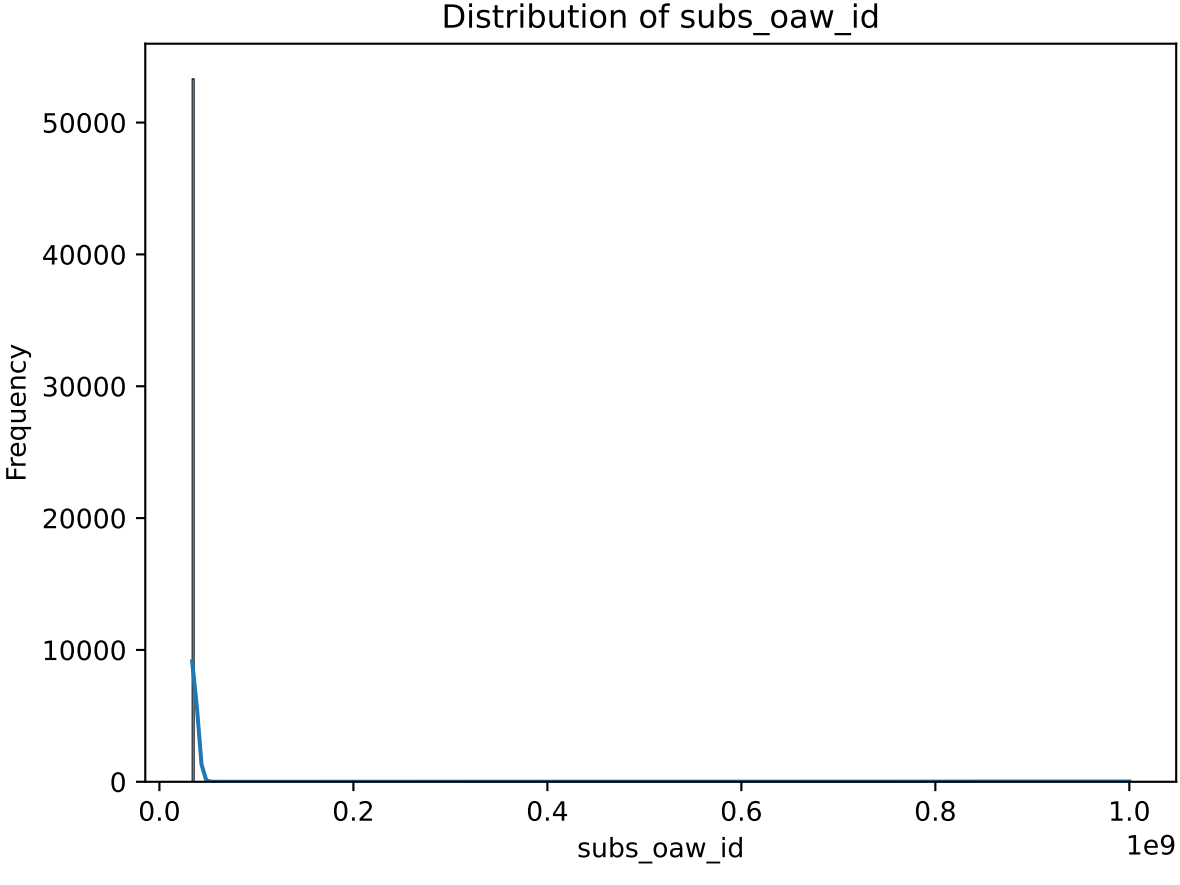

Distribution of touchdown_time
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
touchdown_time

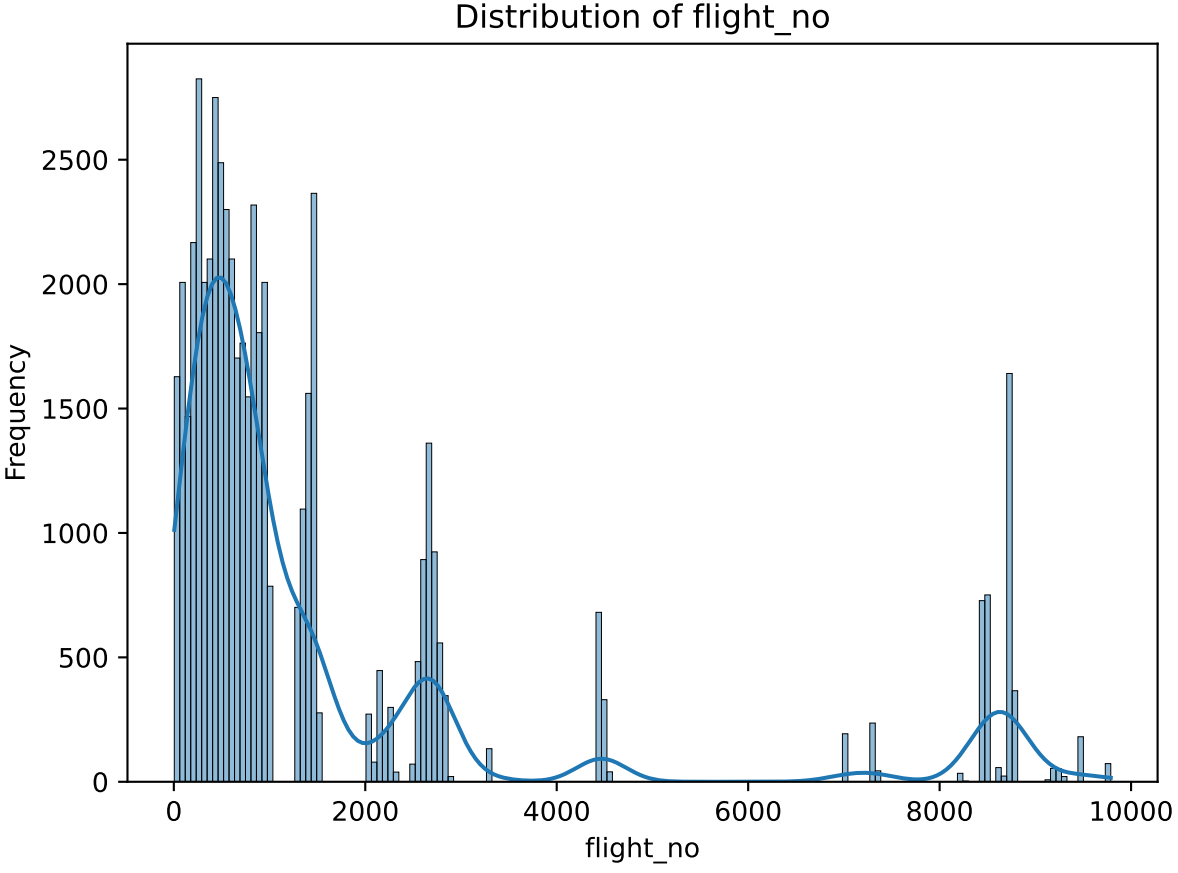

Distribution of fly_time_min
Frequency
fly_time_min
0
500
1000
1500
2000
2500
3000
3500
4000
0
200
400
600
800

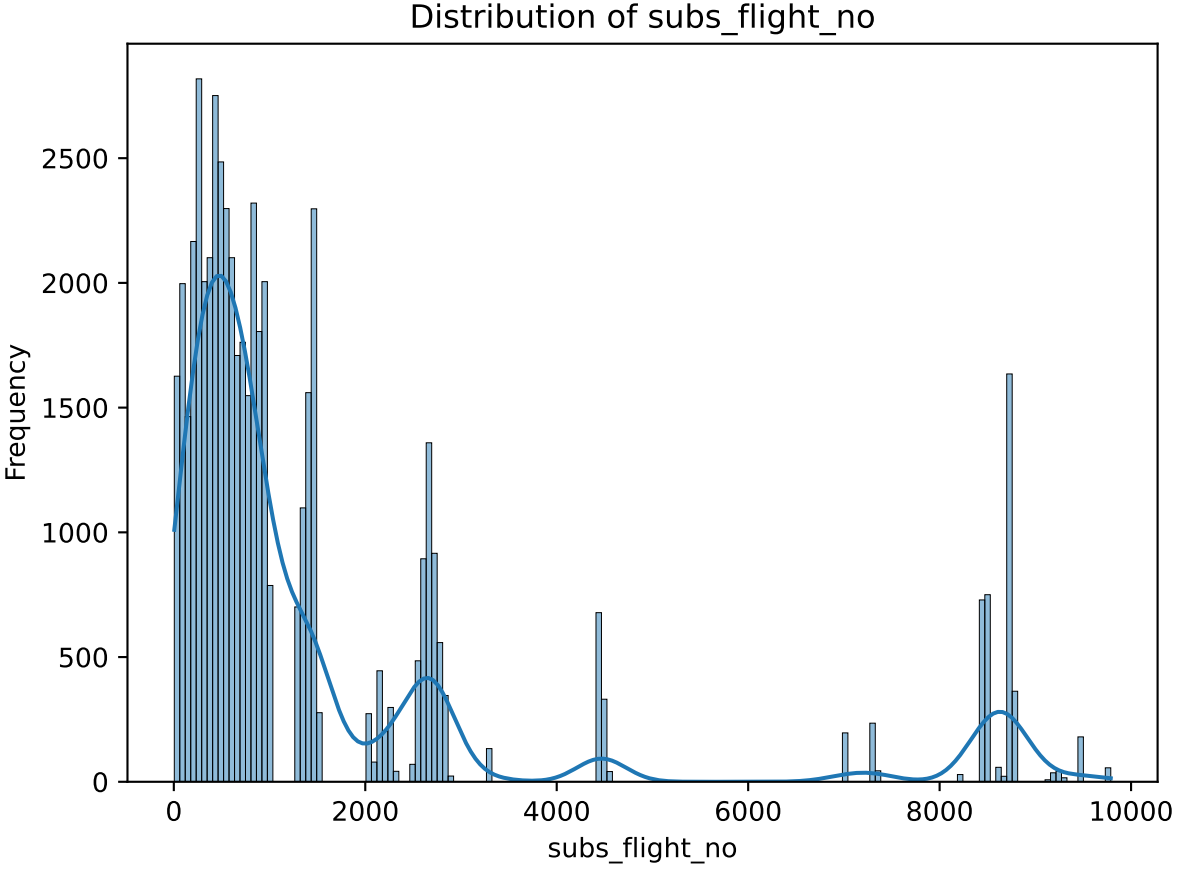

Distribution of block_time_min
Frequency
block_time_min
0
500
1000
1500
2000
2500
3000
3500
0
200
400
600
800
1000

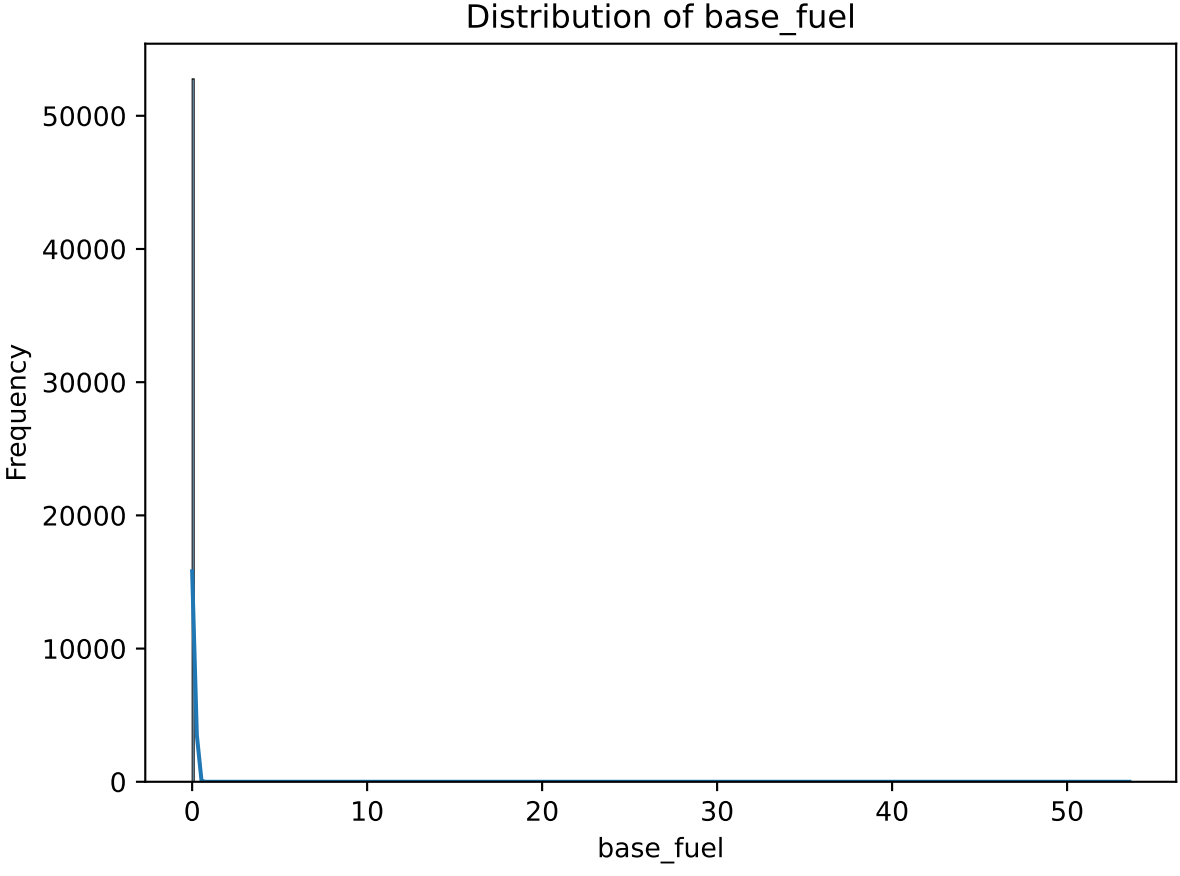

Distribution of subs_flytime_min
Frequency
subs_flytime_min
0
500
1000
1500
2000
2500
3000
3500
4000
0
250
500
750
1000
1250
1500
1750

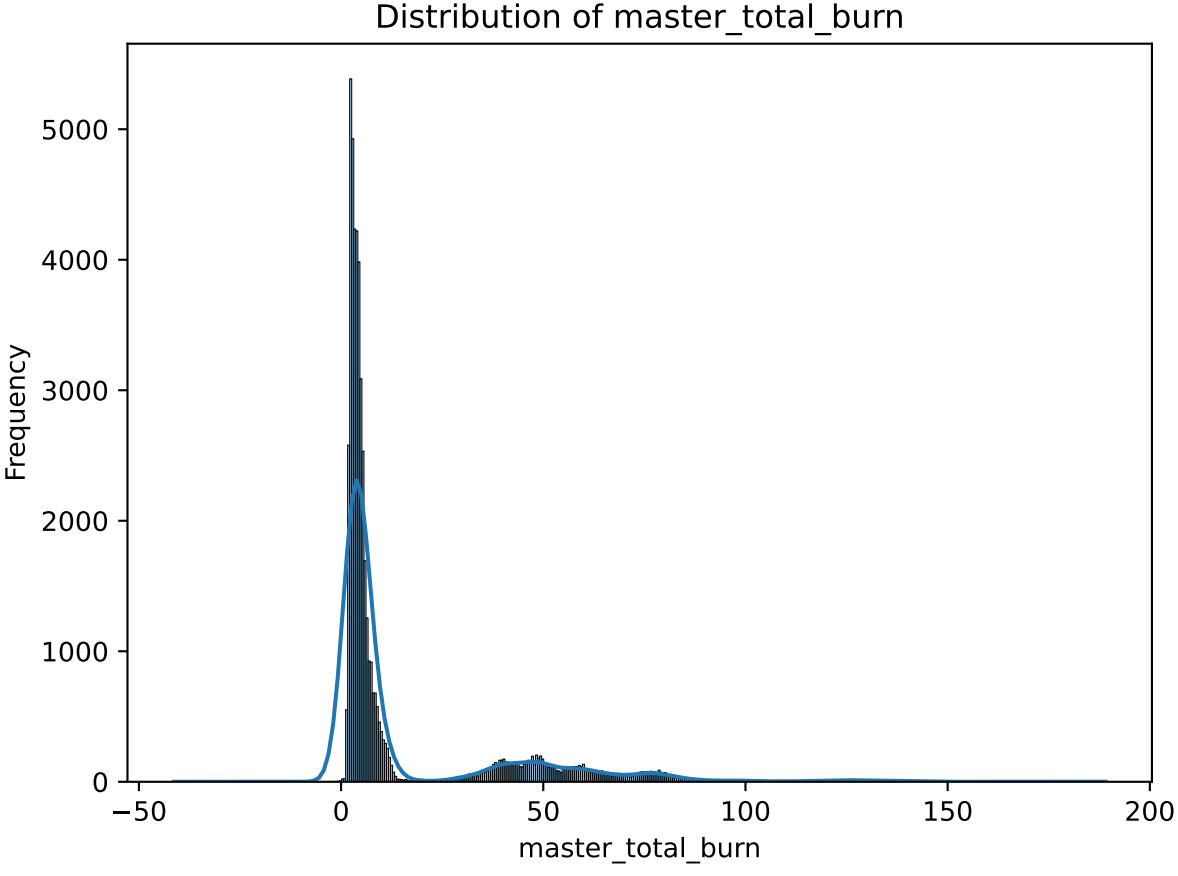

Distribution of oaw_id
Frequency
0
250
500
750
1000
1250
1500
1750
3.375
3.380
3.385
3.390
3.395
oaw_id
1e7

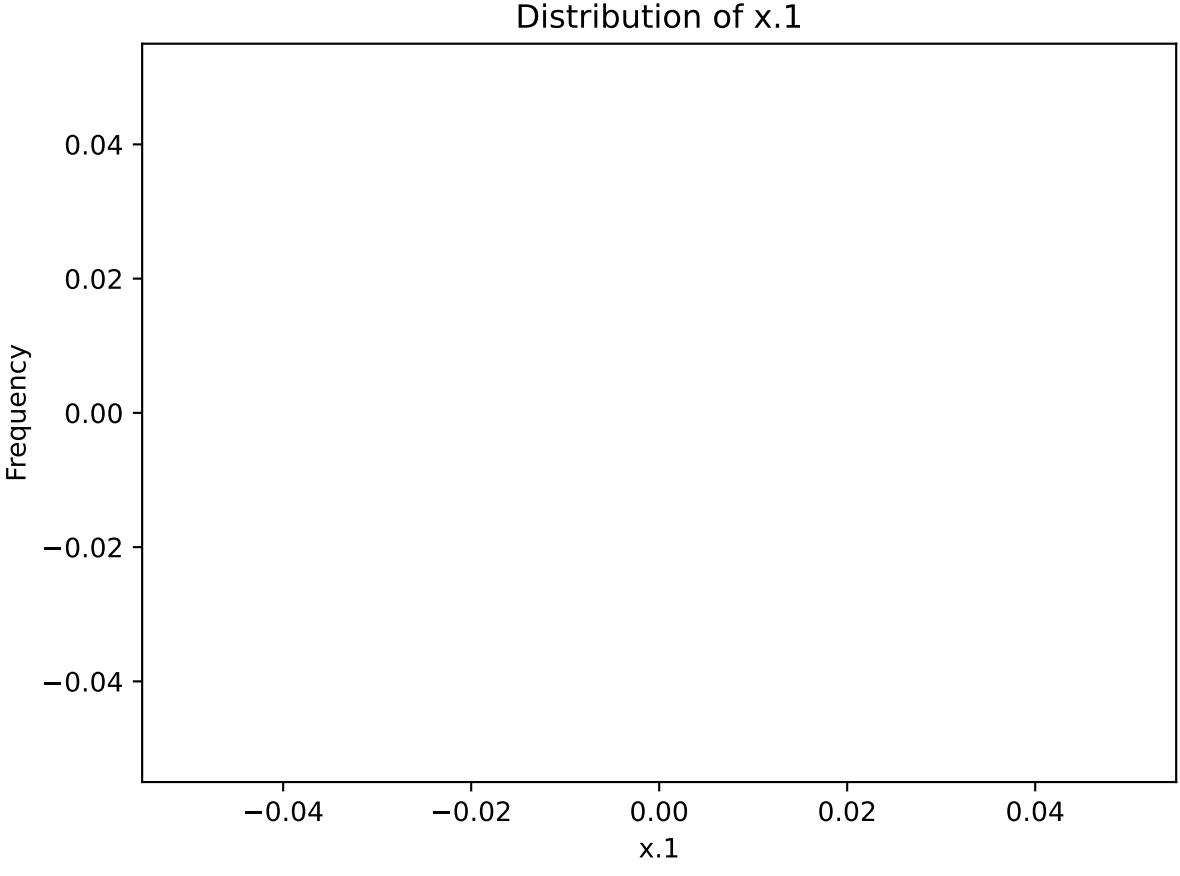

Distribution of subs_oaw_id
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
1e9
subs_oaw_id

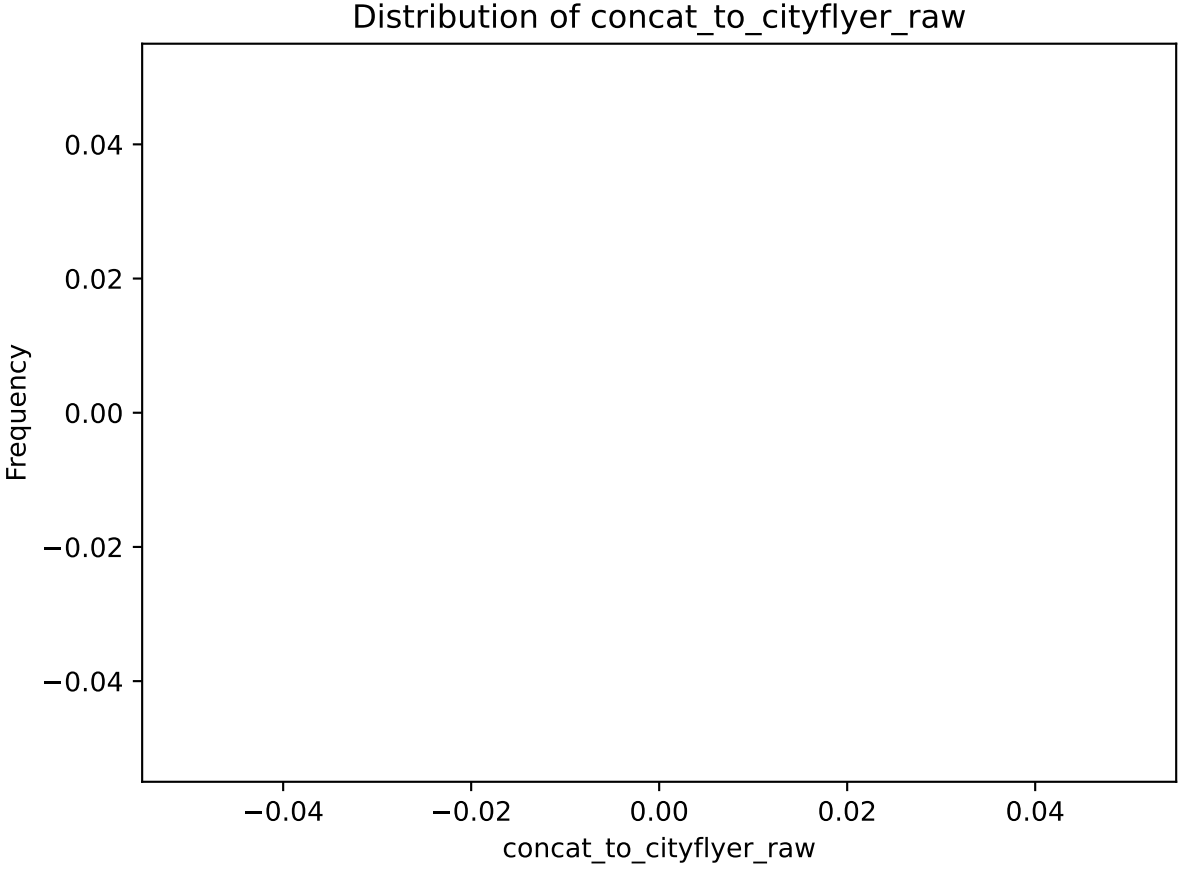

Distribution of flight_no
Frequency
flight_no
0
500
1000
1500
2000
2500
0
2000
4000
6000
8000
10000

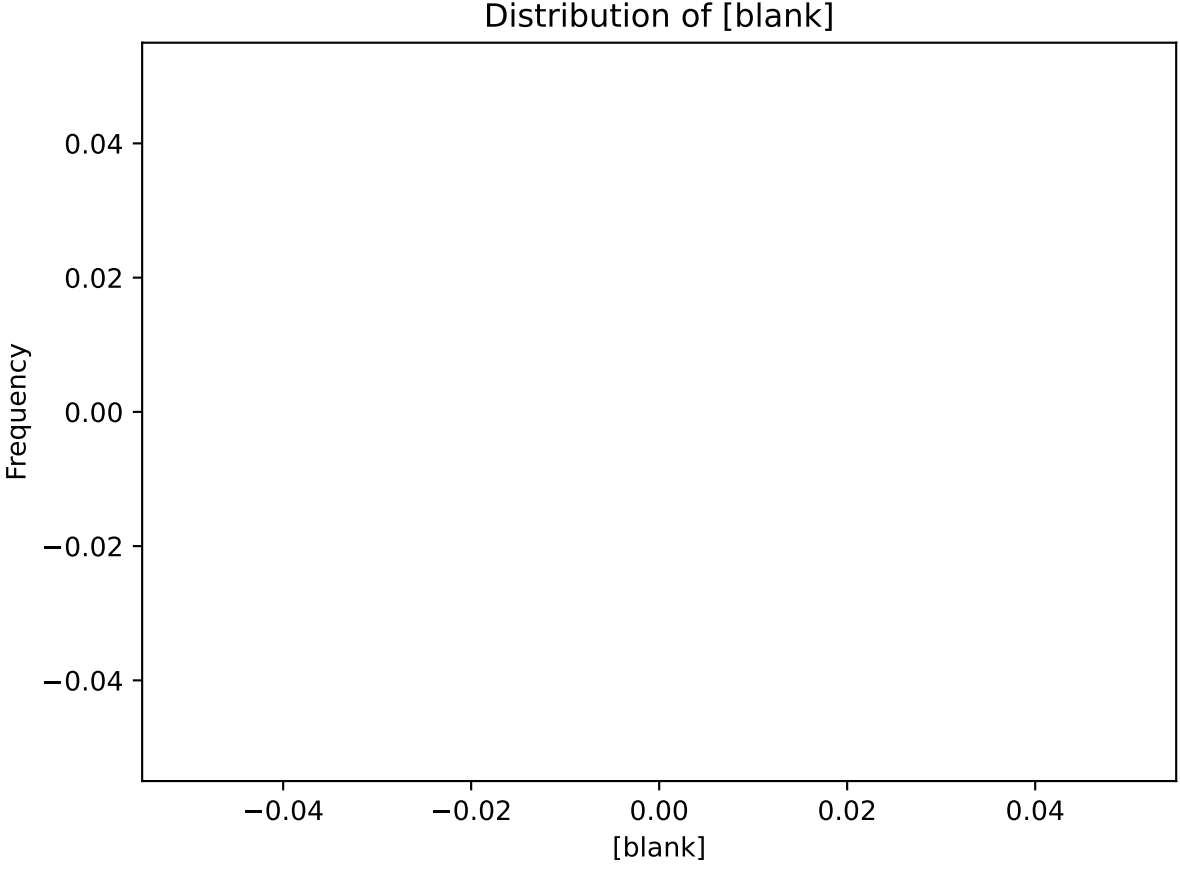

Distribution of subs_flight_no
Frequency
0
500
1000
1500
2000
2500
0
2000
4000
6000
8000
10000
subs_flight_no

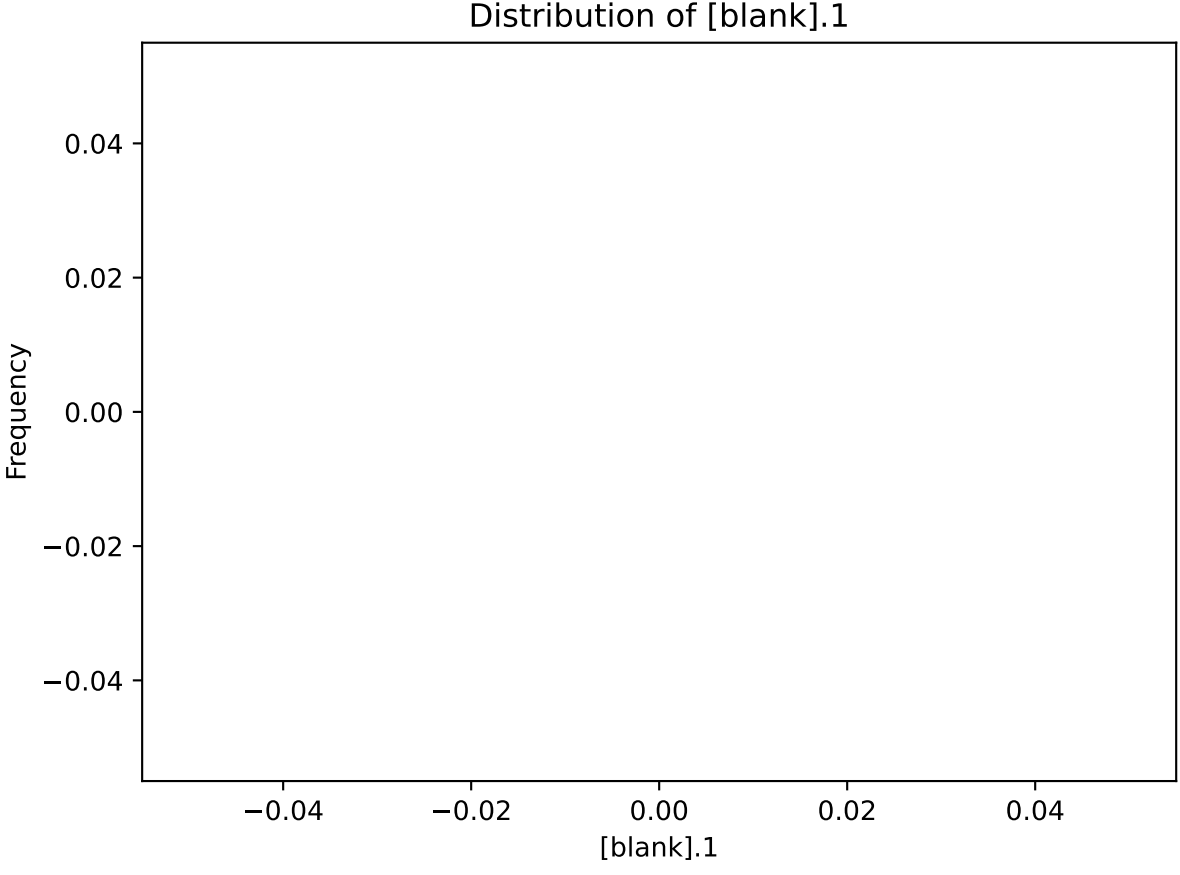

Distribution of base_fuel
Frequency
50000
40000
30000
20000
10000
0
0
10
20
30
40
50
base_fuel

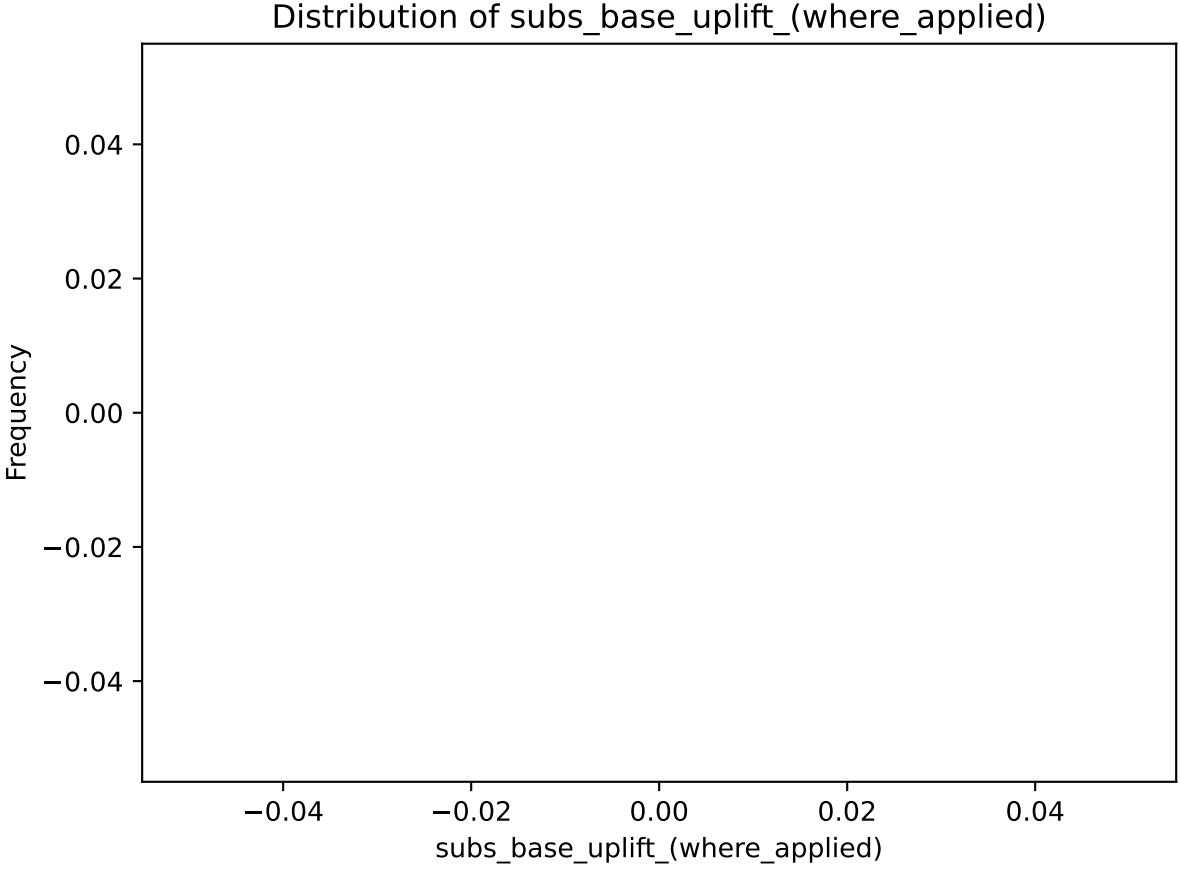

Distribution of master_total_burn
Frequency
5000
4000
3000
2000
1000
0
−50
0
50
100
150
200
master_total_burn

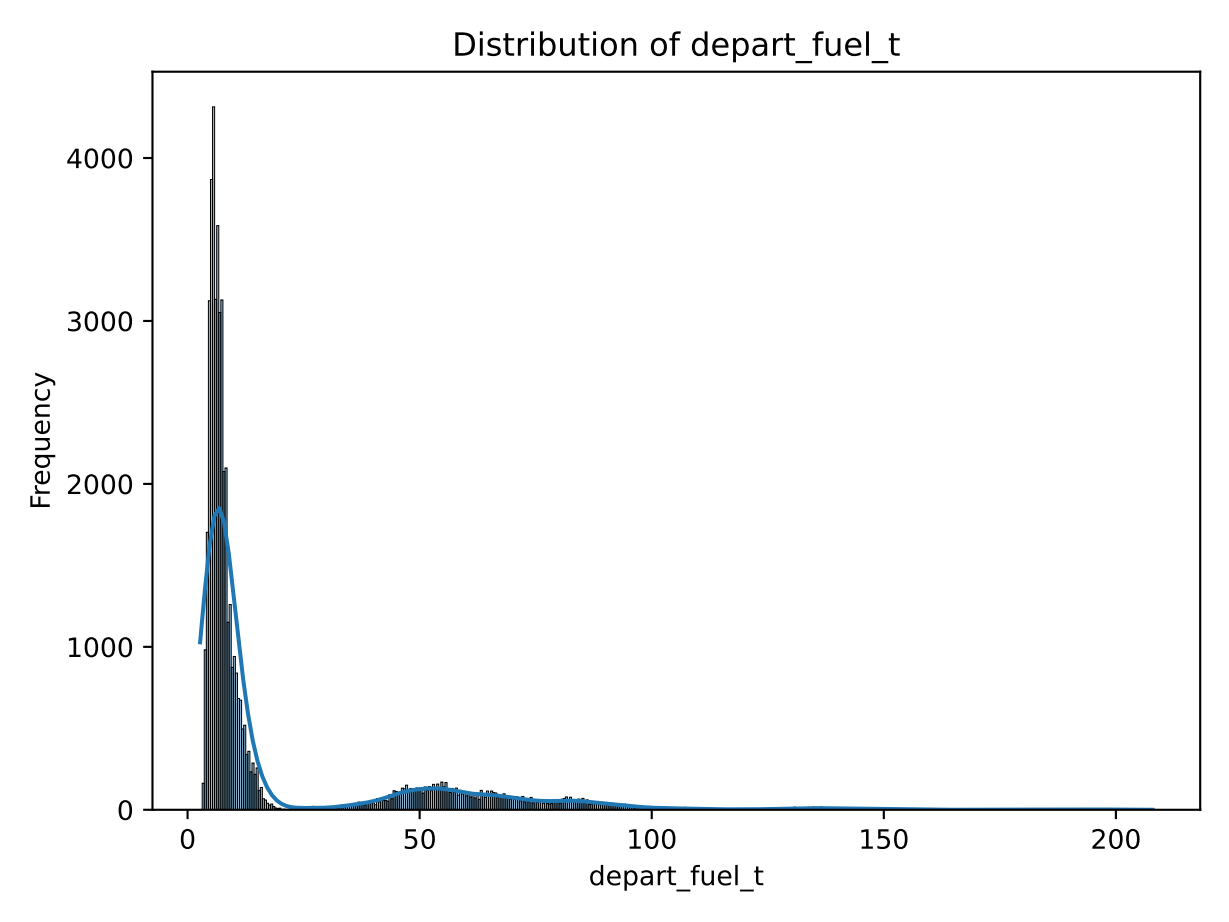

Distribution of x.1
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
x.1

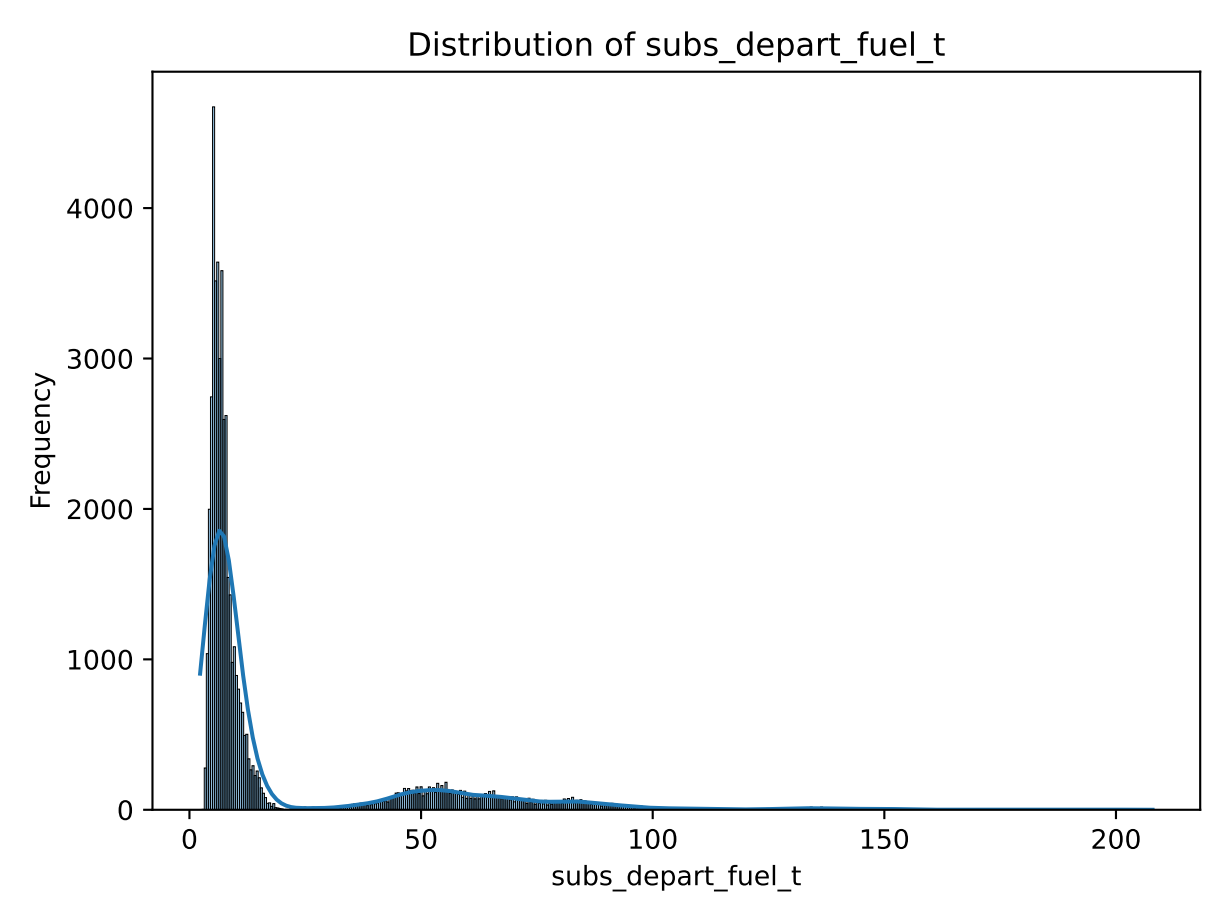

Distribution of concat_to_cityflyer_raw
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
concat_to_cityflyer_raw

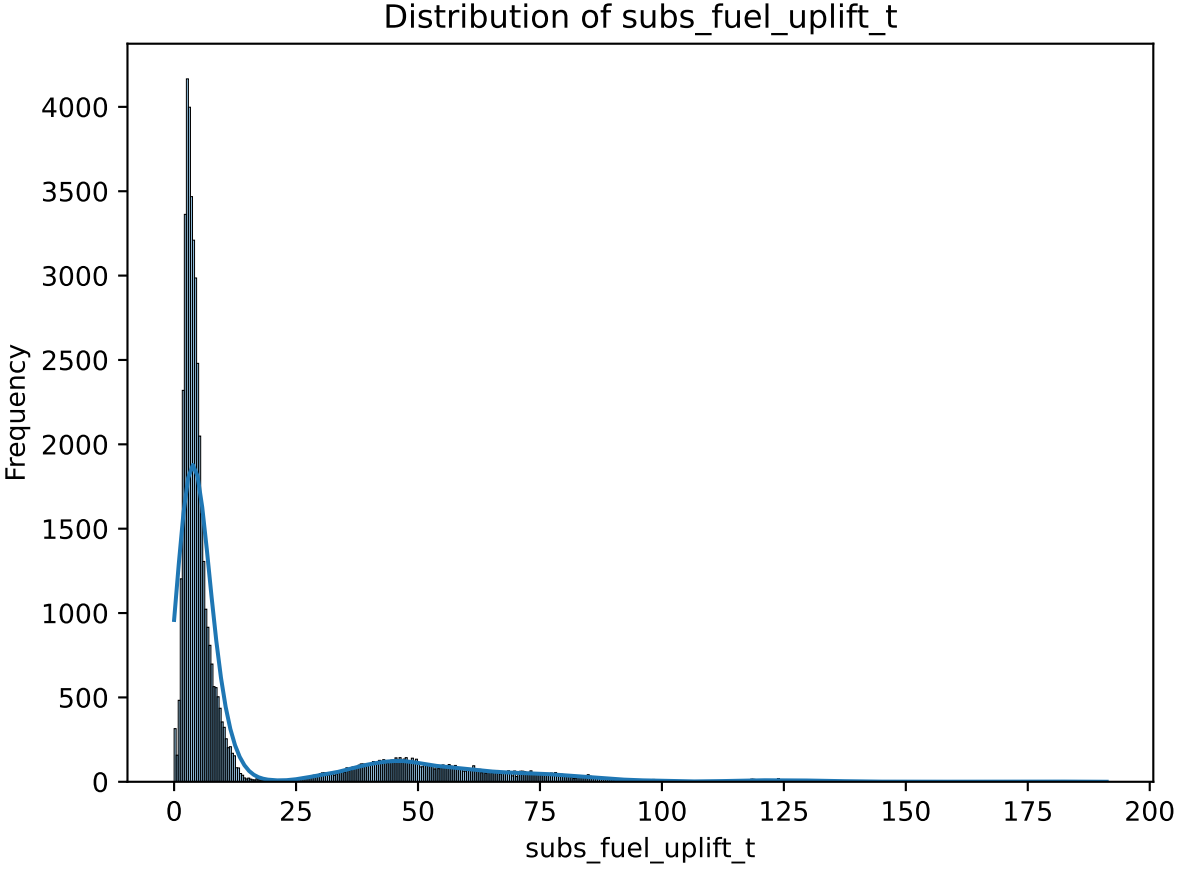

Distribution of [blank]
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
[blank]

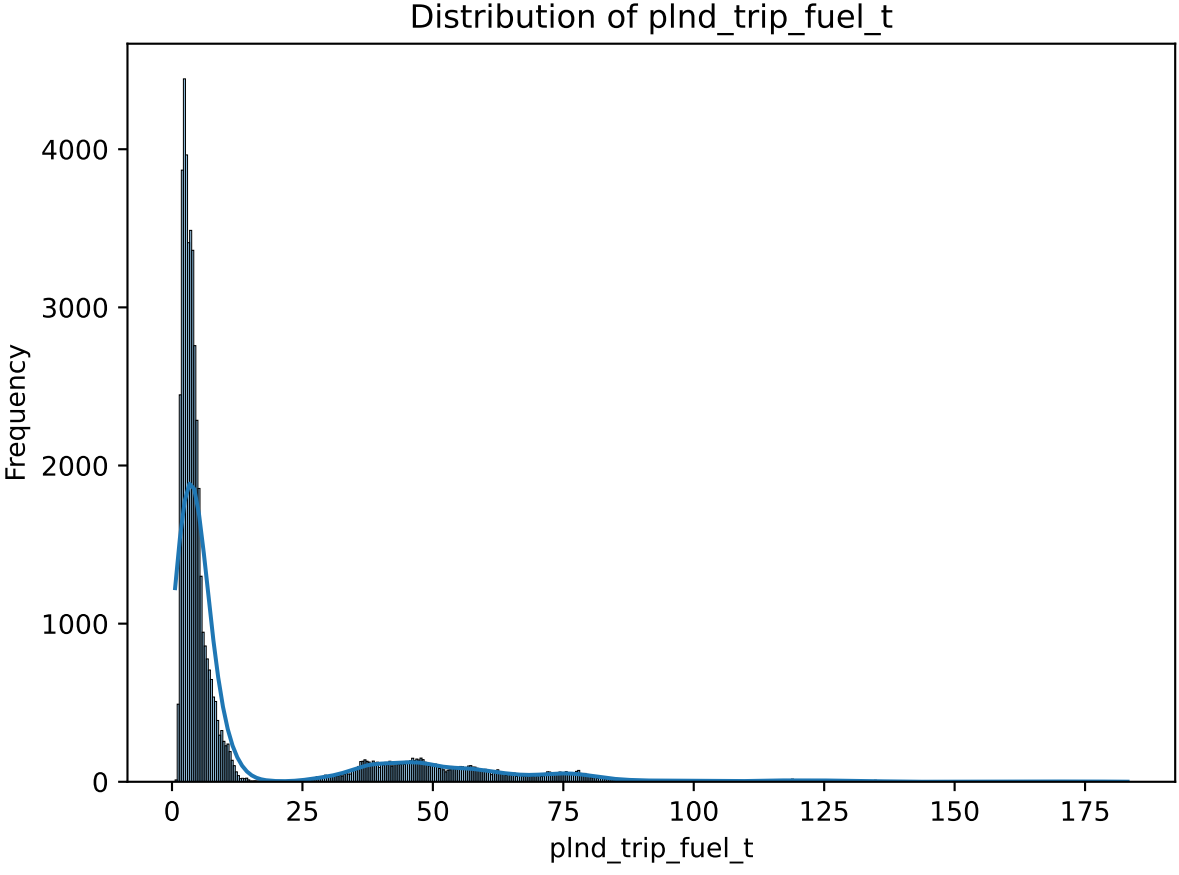

Distribution of [blank].1
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
[blank].1

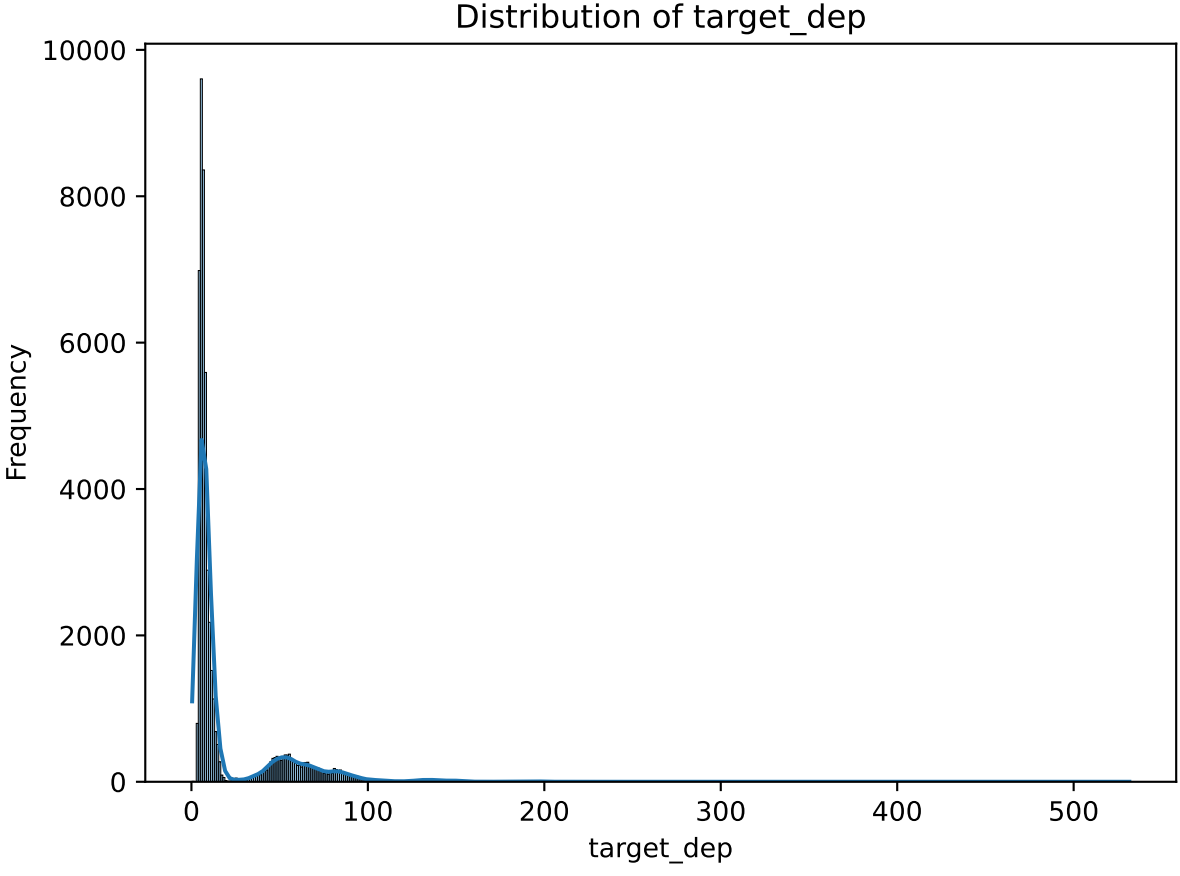

Distribution of subs_base_uplift_(where_applied)
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
subs_base_uplift_(where_applied)

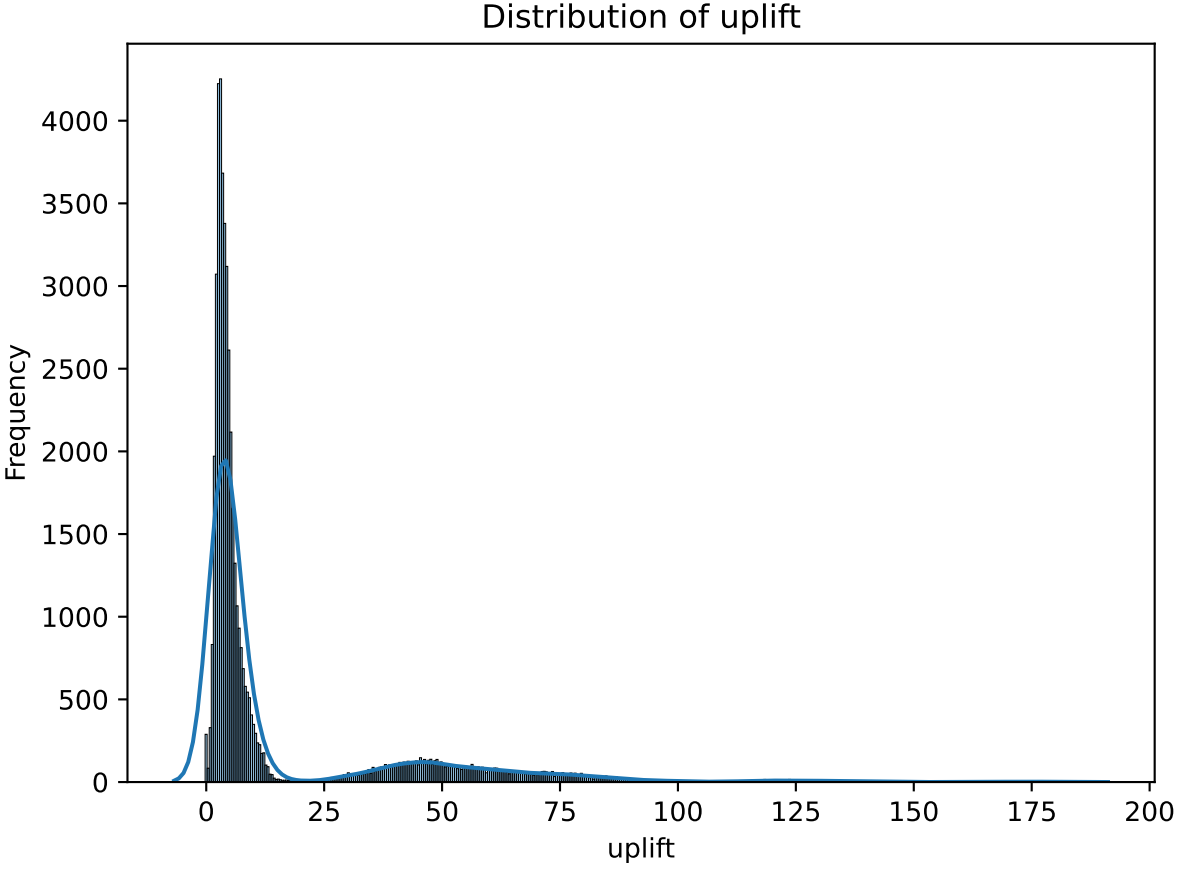

Distribution of depart_fuel_t
Frequency
depart_fuel_t
0
1000
2000
3000
4000
0
50
100
150
200

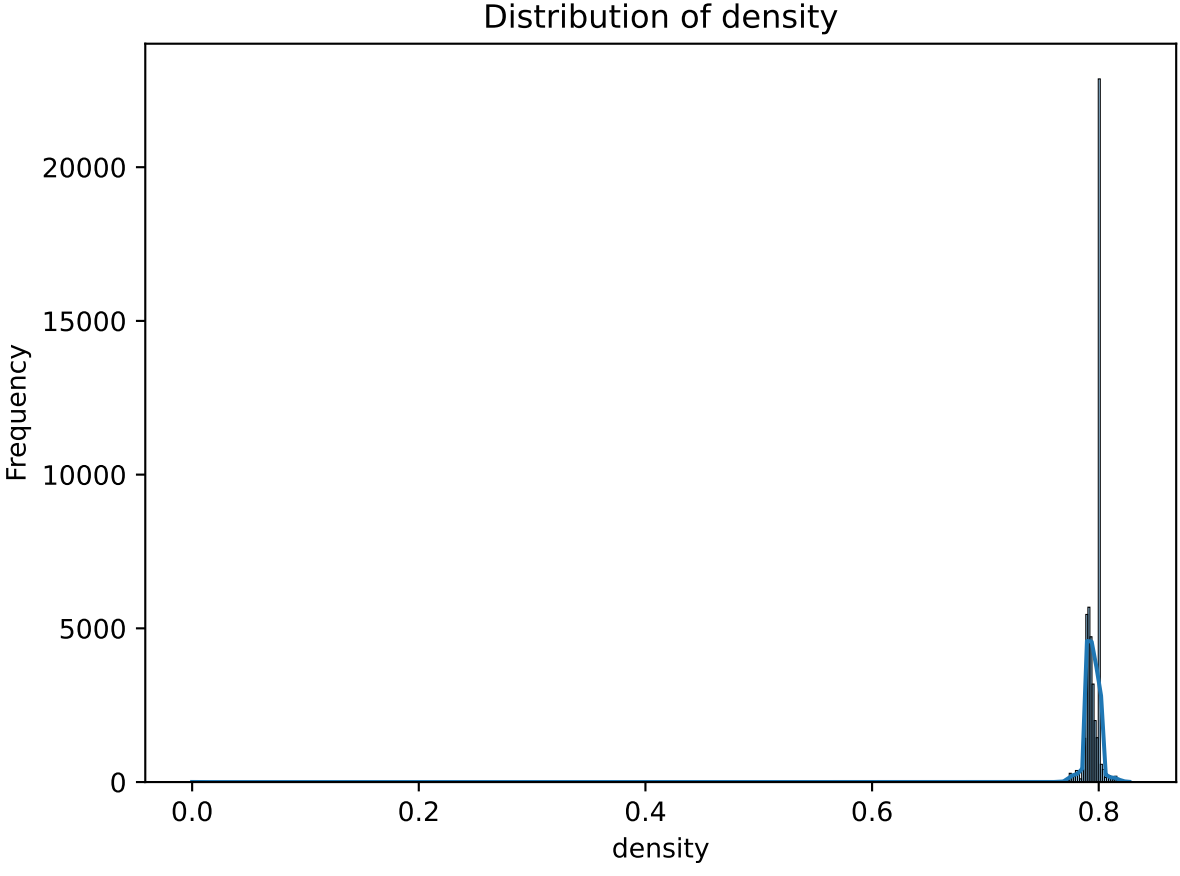

Distribution of subs_depart_fuel_t
Frequency
0
1000
2000
3000
4000
0
50
100
150
200
subs_depart_fuel_t

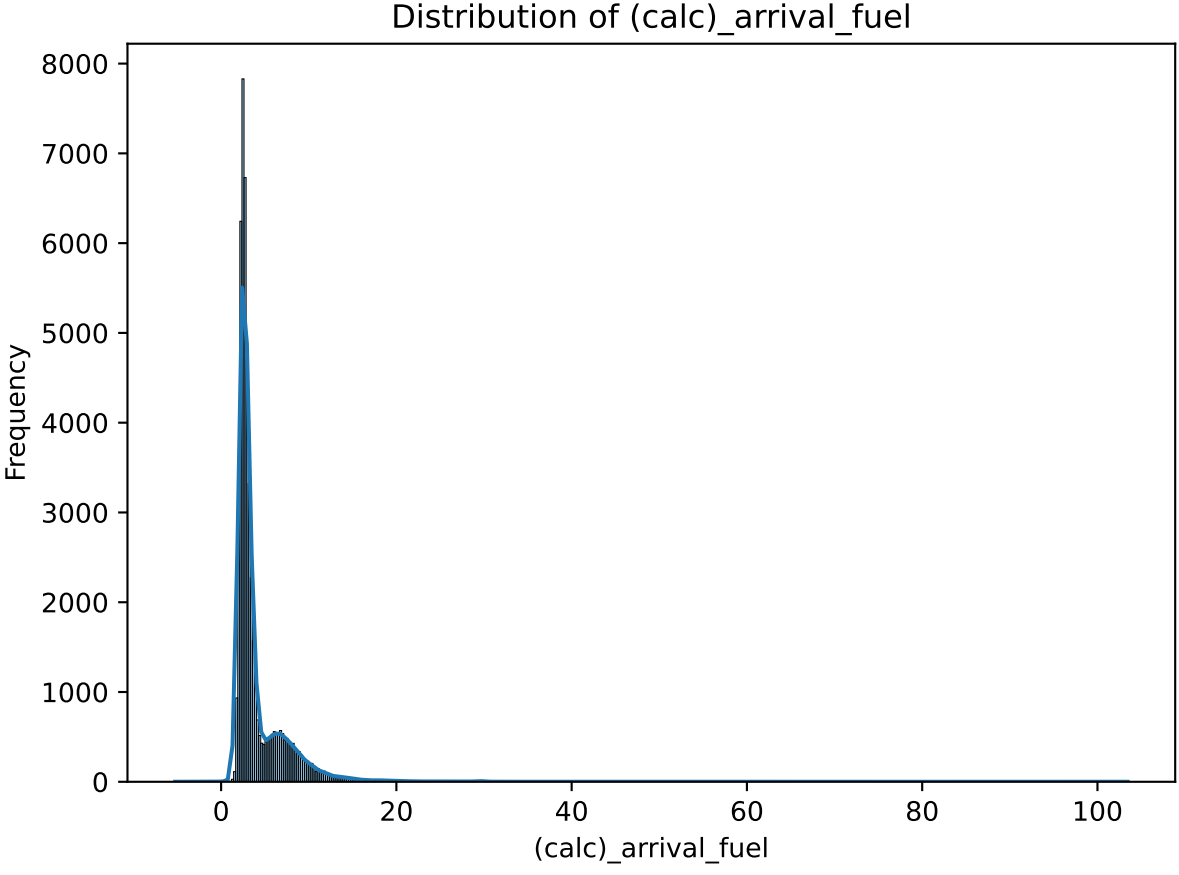

Distribution of subs_fuel_uplift_t
Frequency
0
500
1000
1500
2000
2500
3000
3500
4000
0
25
50
75
100
125
150
175
200
subs_fuel_uplift_t

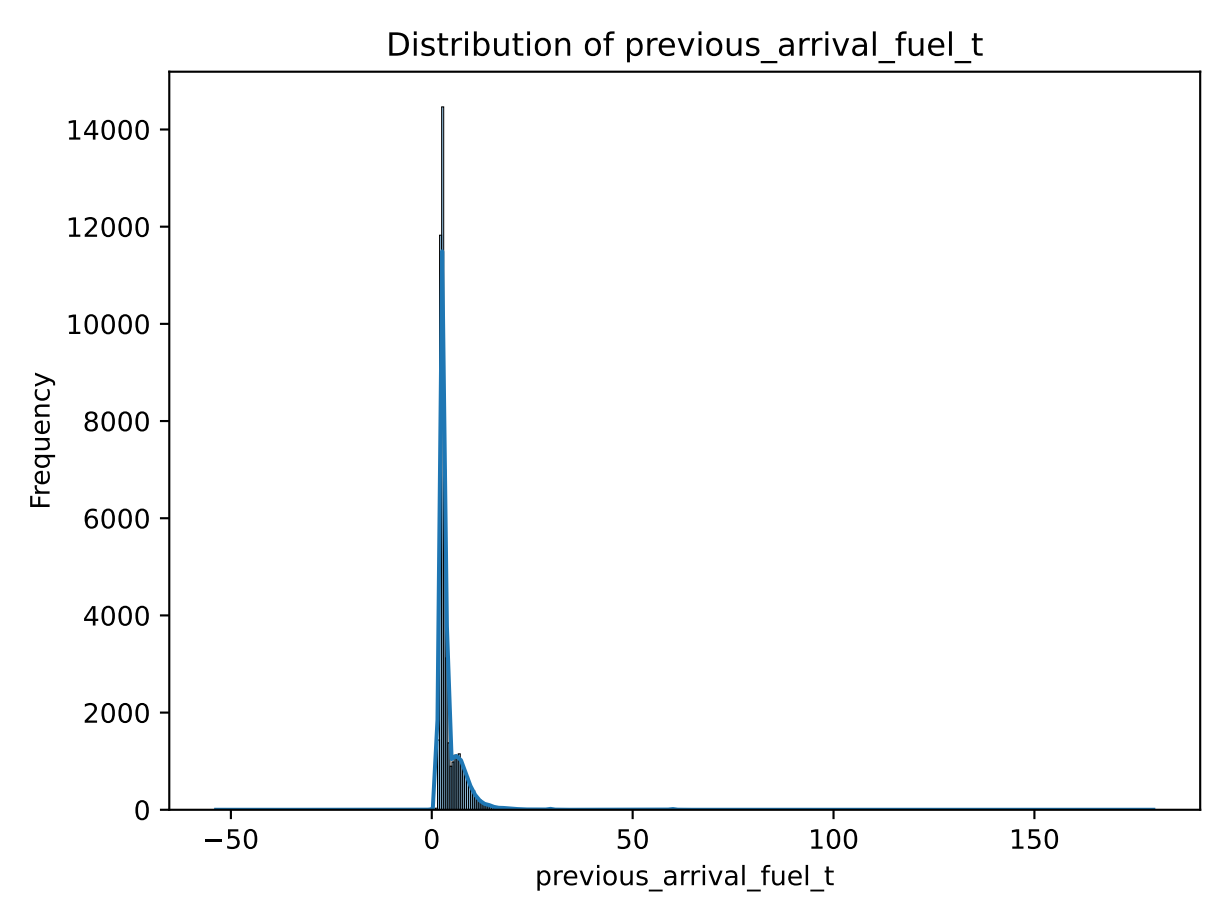

Distribution of plnd_trip_fuel_t
Frequency
0
1000
2000
3000
4000
0
25
50
75
100
125
150
175
plnd_trip_fuel_t

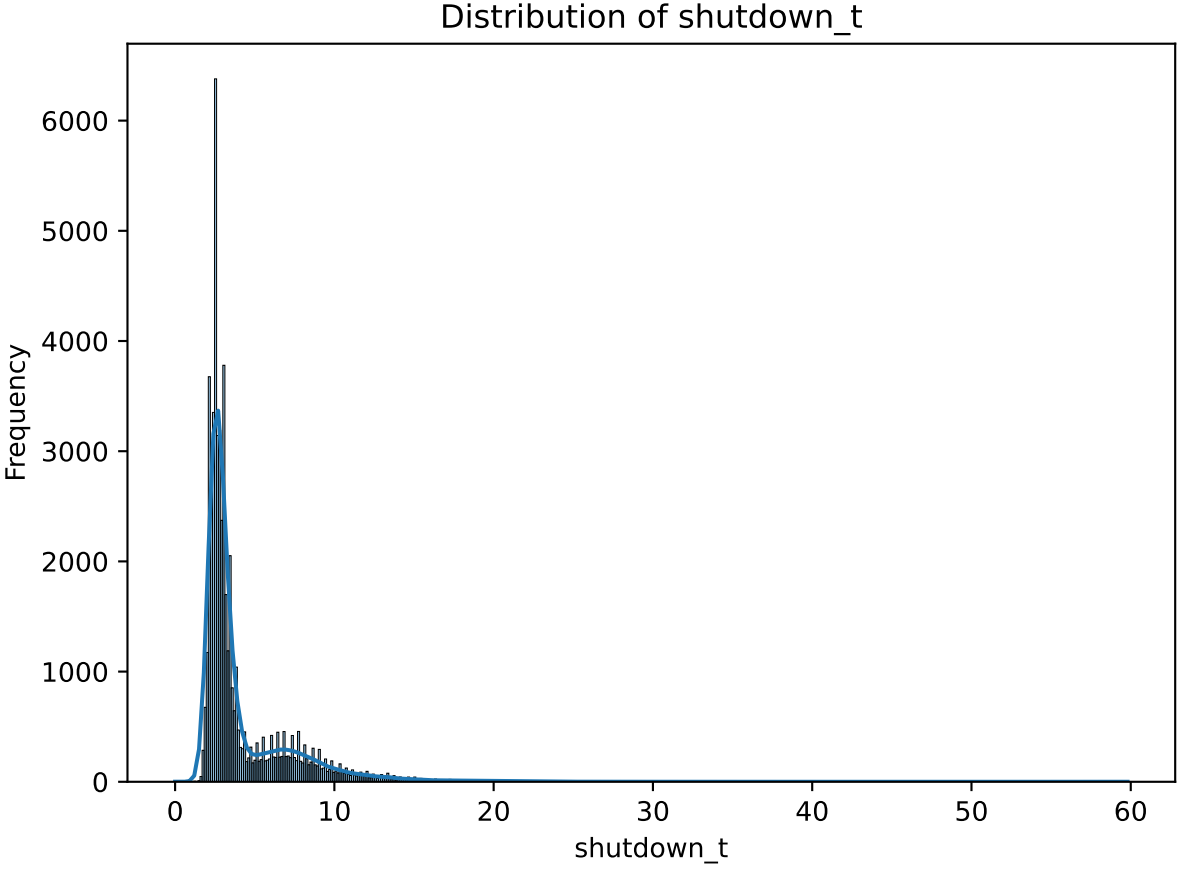

Distribution of target_dep
Frequency
target_dep
0
2000
4000
6000
8000
10000
0
100
200
300
400
500

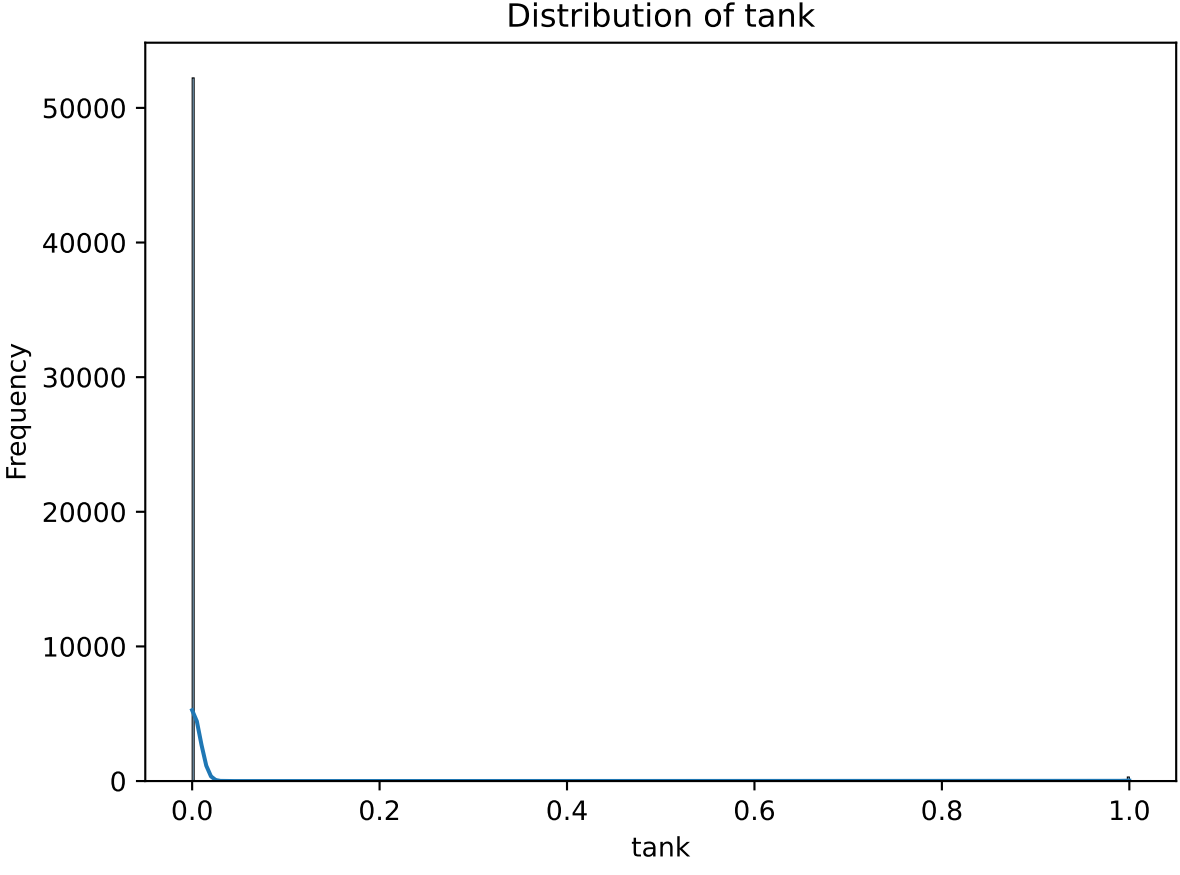

Distribution of uplift
Frequency
uplift
0
500
1000
1500
2000
2500
3000
3500
4000
0
25
50
75
100
125
150
175
200

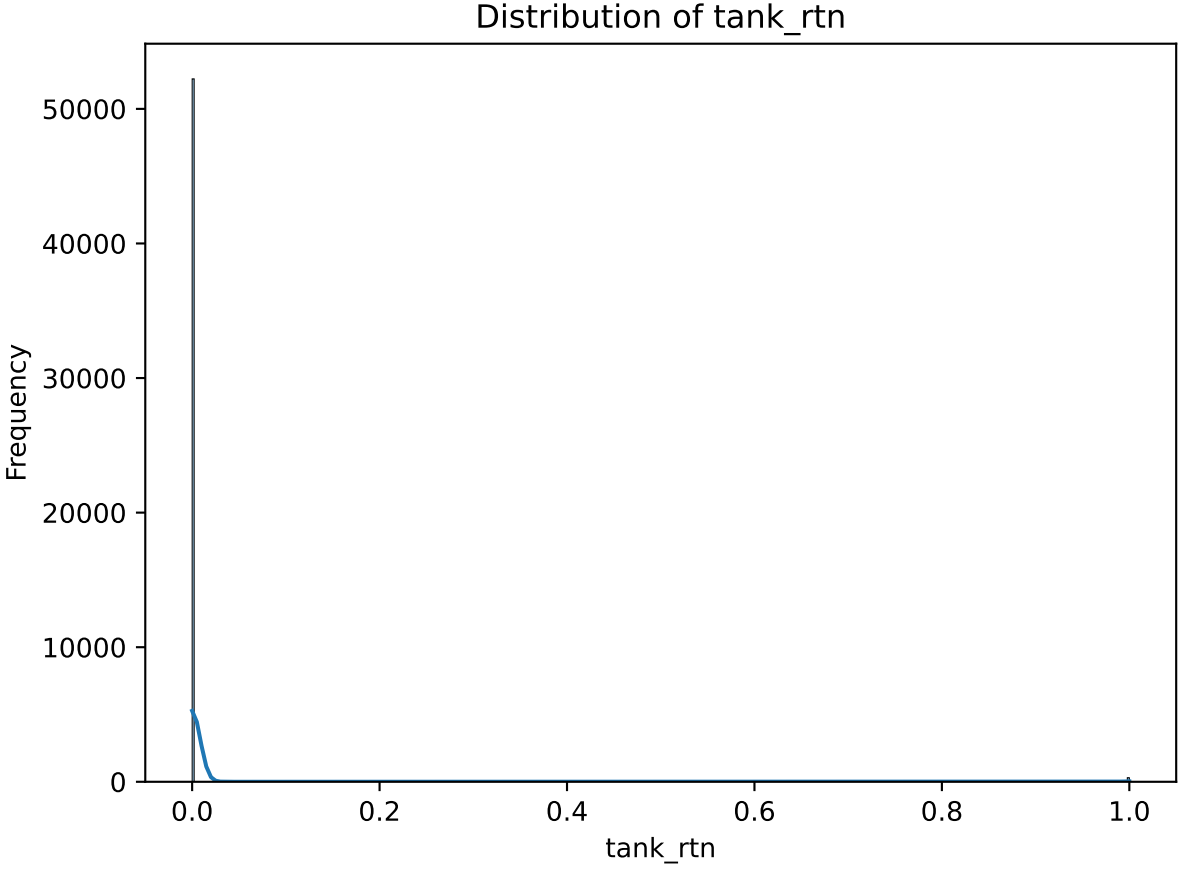

Distribution of density
Frequency
20000
15000
10000
5000
0
0.0
0.2
0.4
0.6
0.8
density

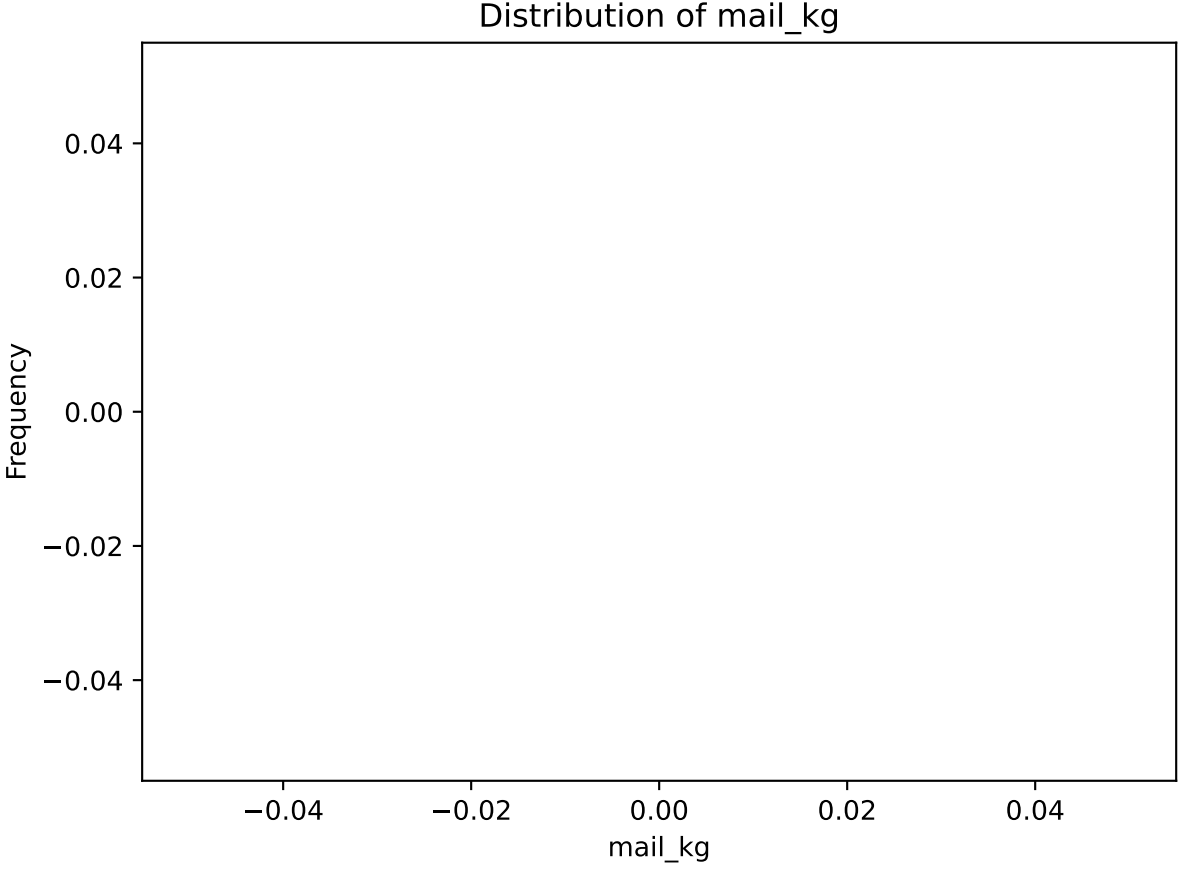

Distribution of (calc)_arrival_fuel
Frequency
8000
7000
6000
5000
4000
3000
2000
1000
0
0
20
40
60
80
100
(calc)_arrival_fuel

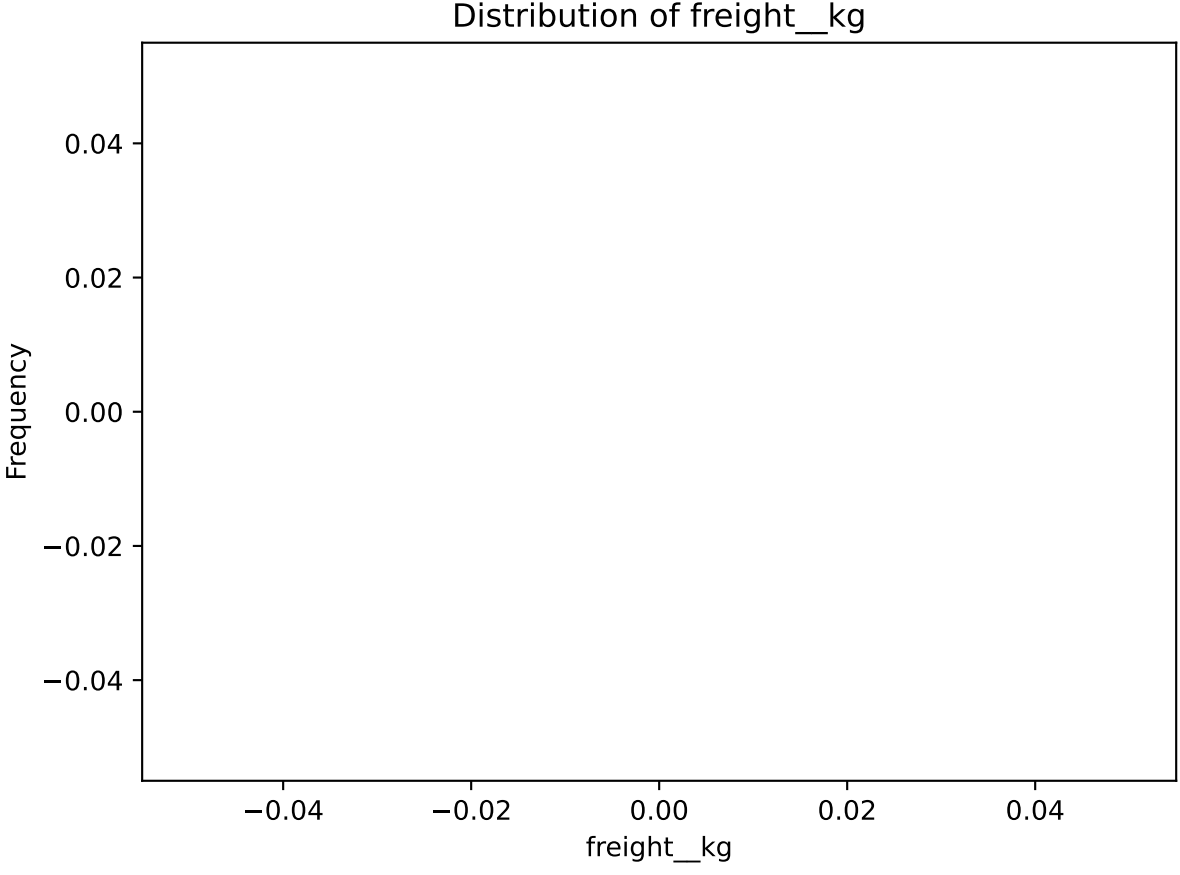

Distribution of previous_arrival_fuel_t
Frequency
14000
12000
10000
8000
6000
4000
2000
0
−50
0
50
100
150
previous_arrival_fuel_t

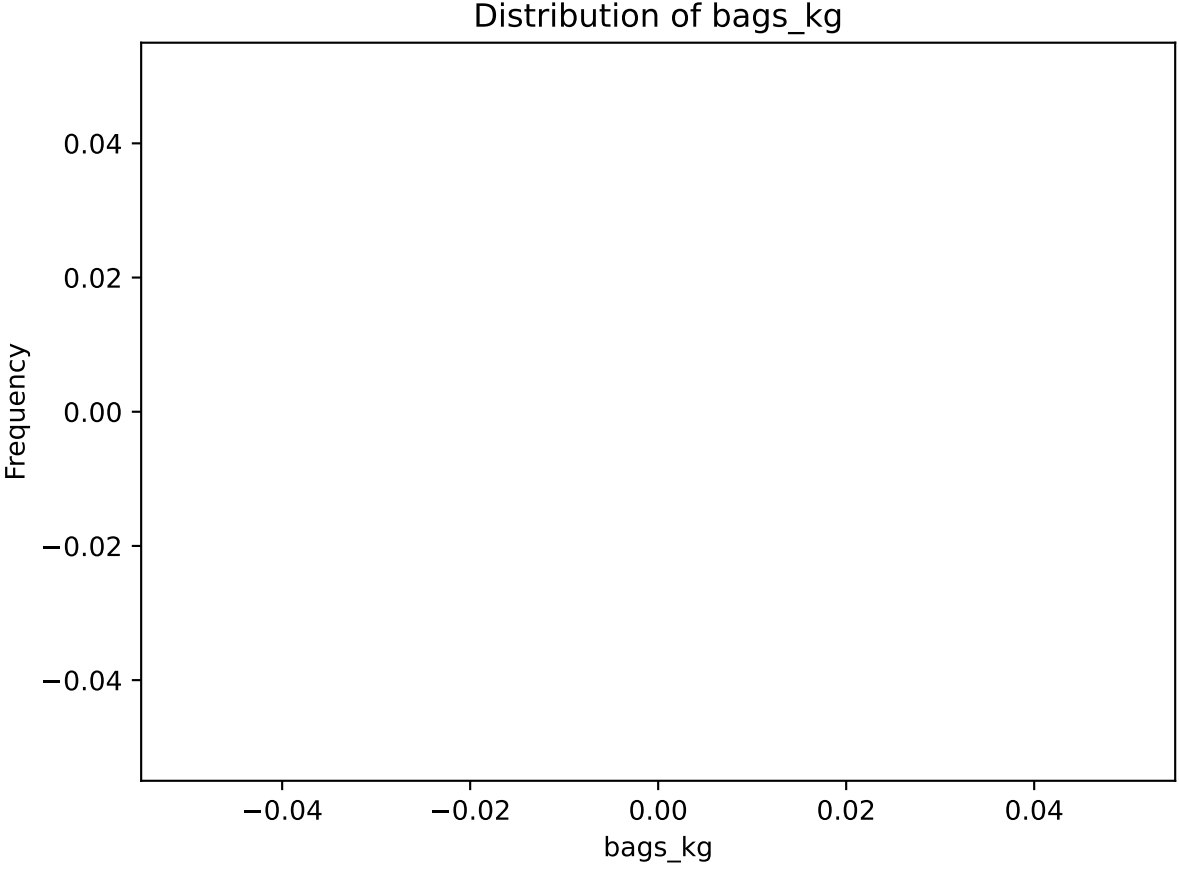

Distribution of shutdown_t
Frequency
shutdown_t
0
1000
2000
3000
4000
5000
6000
0
10
20
30
40
50
60

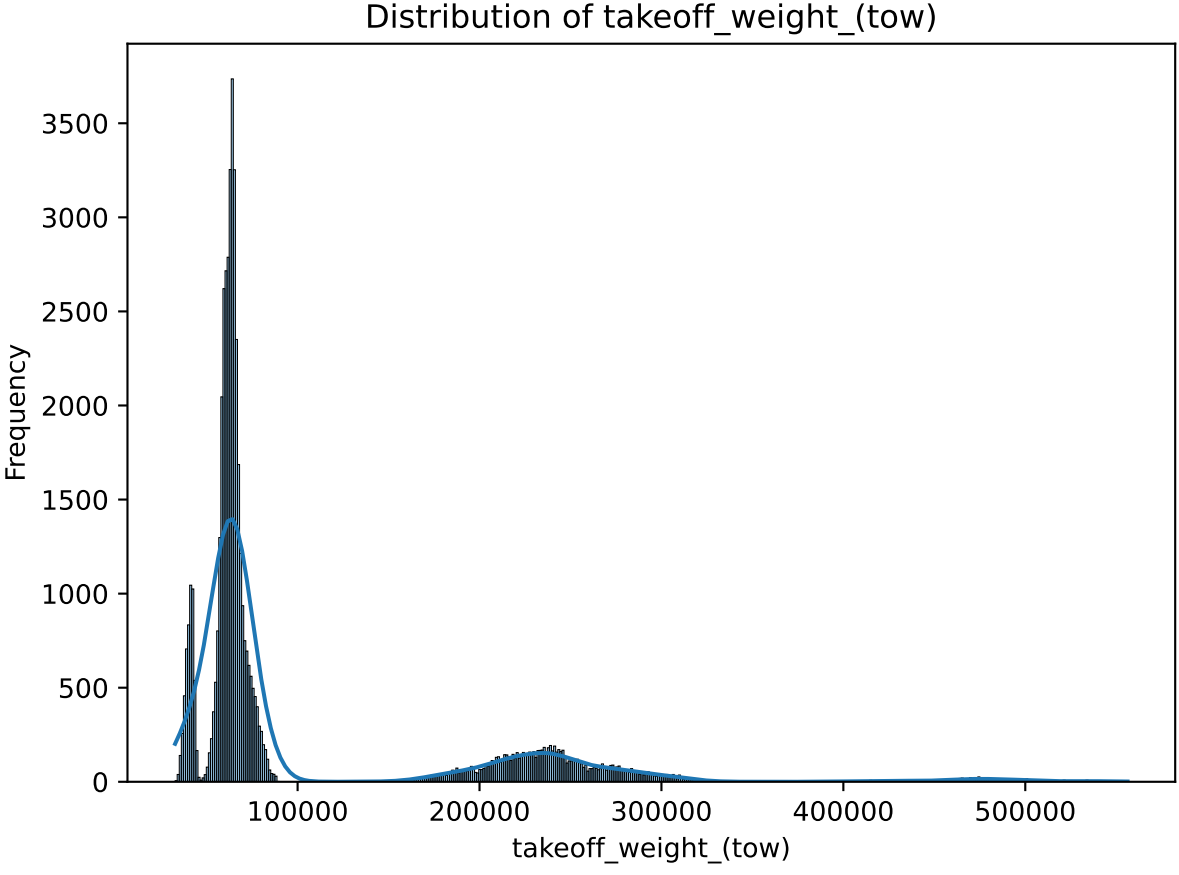

Distribution of tank
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
tank

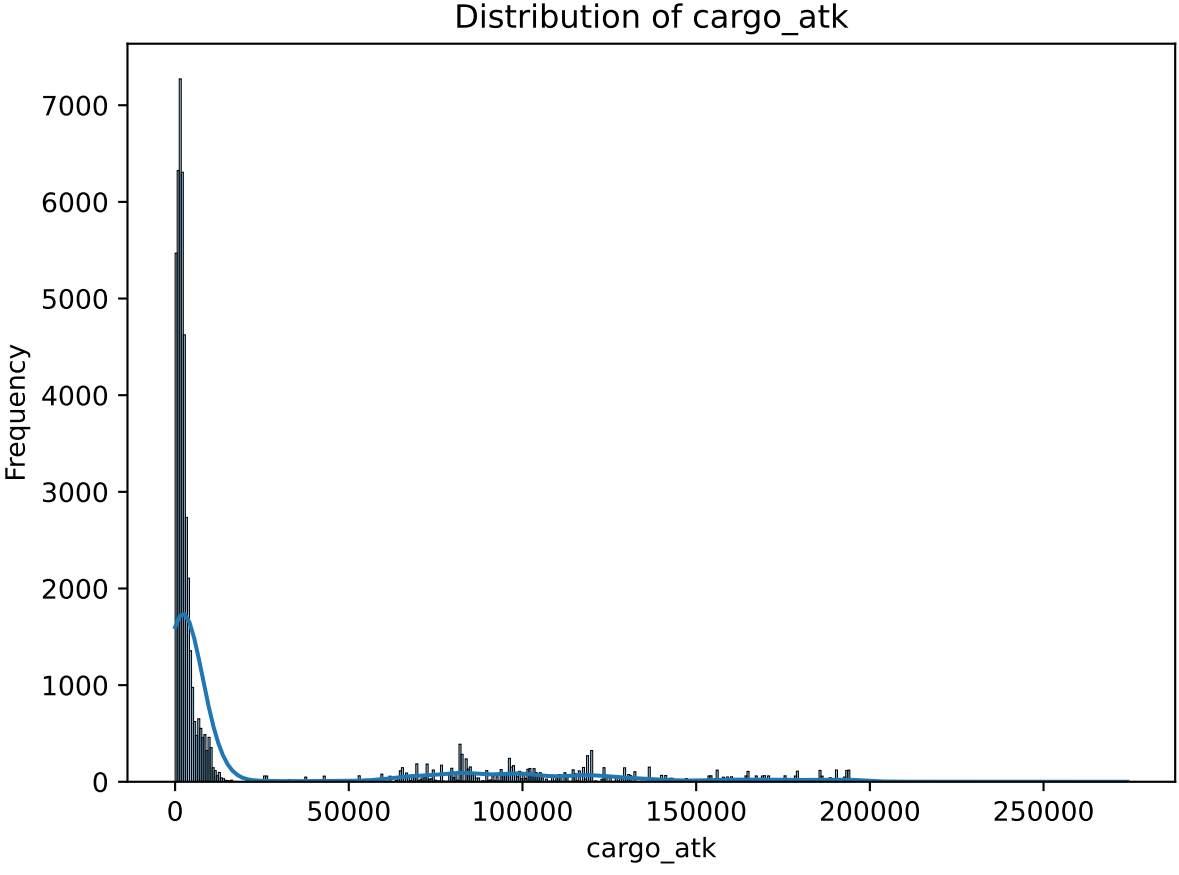

Distribution of tank_rtn
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
tank_rtn

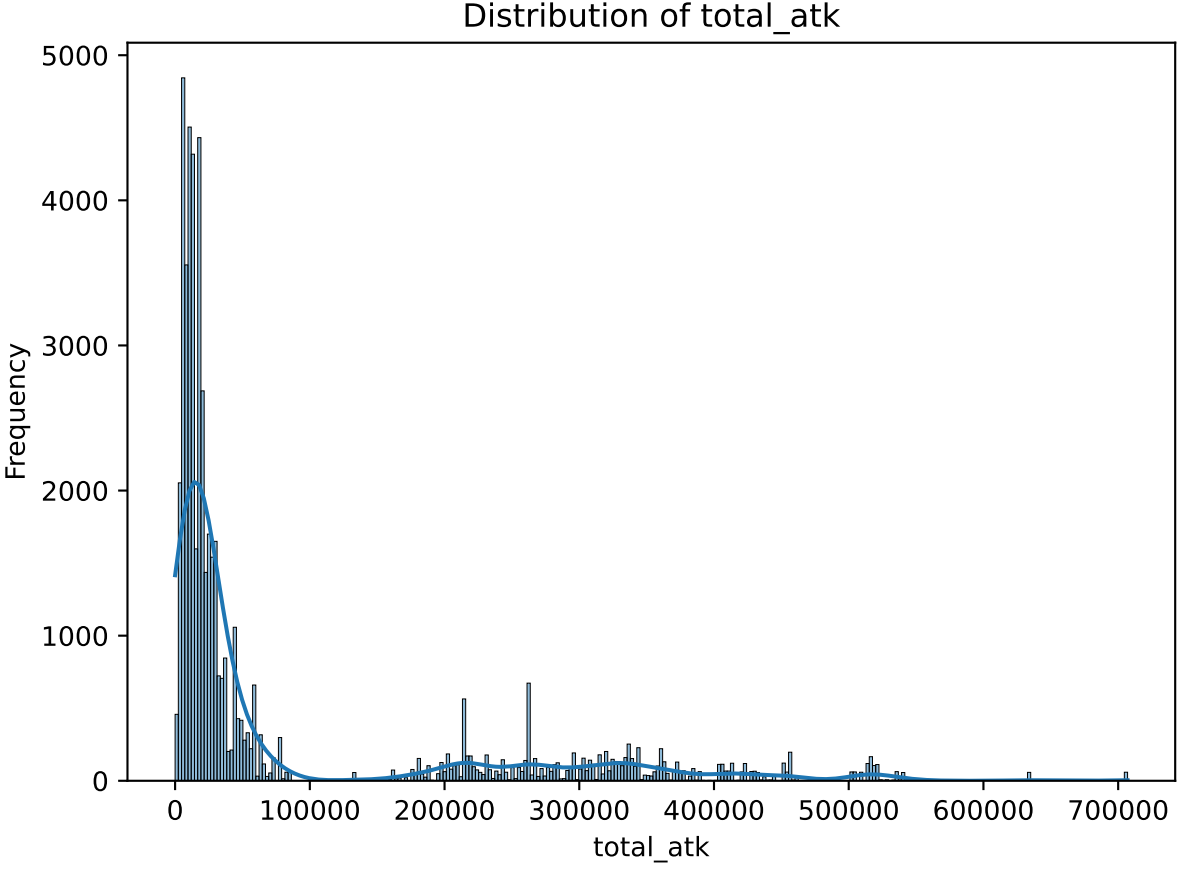

Distribution of mail_kg
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
mail_kg

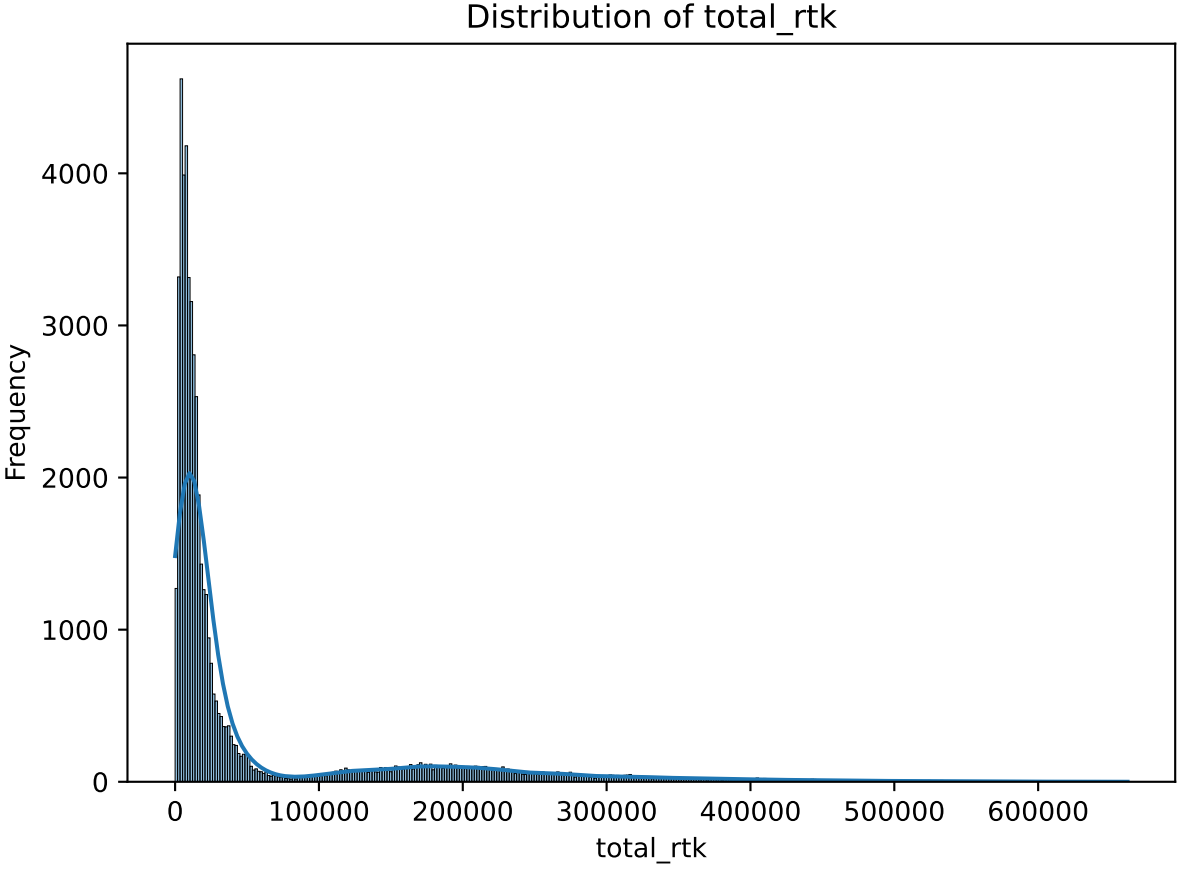

Distribution of freight__kg
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
freight__kg

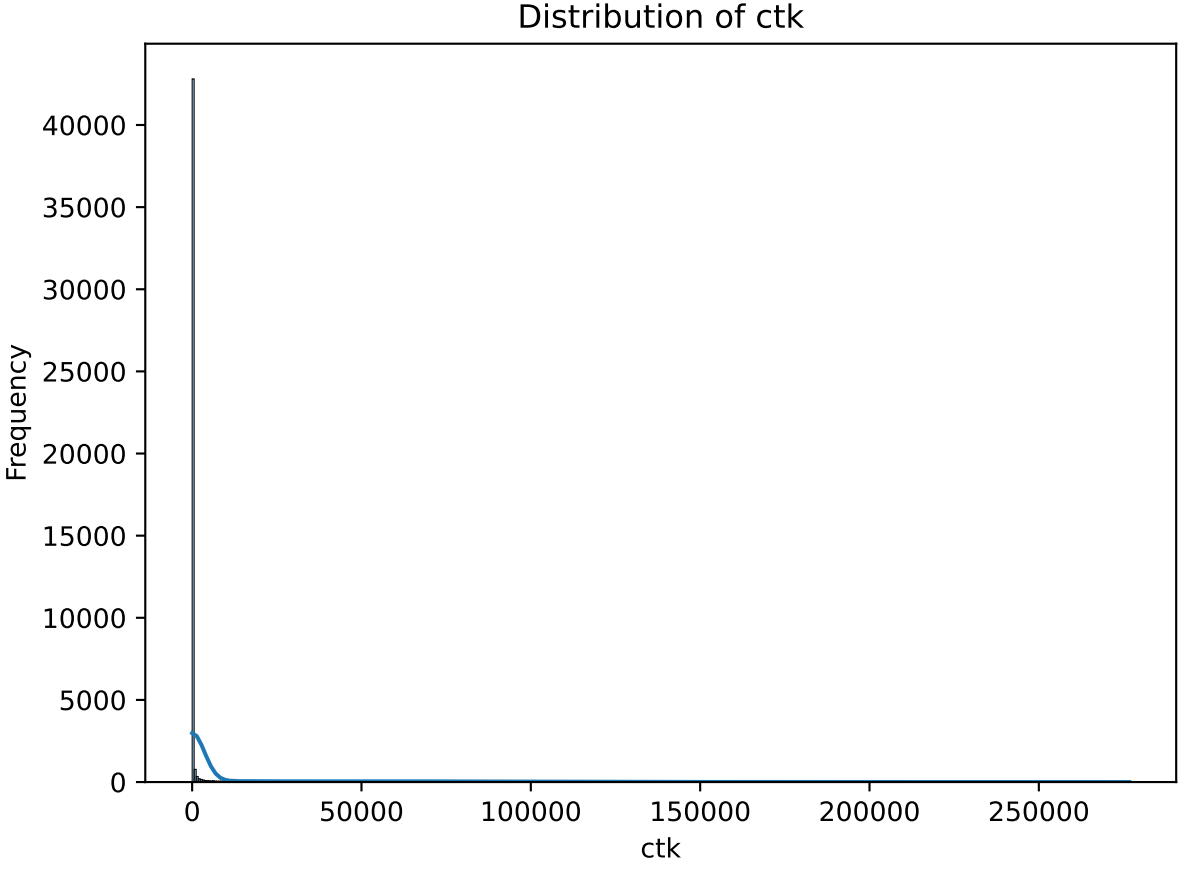

Distribution of bags_kg
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
bags_kg

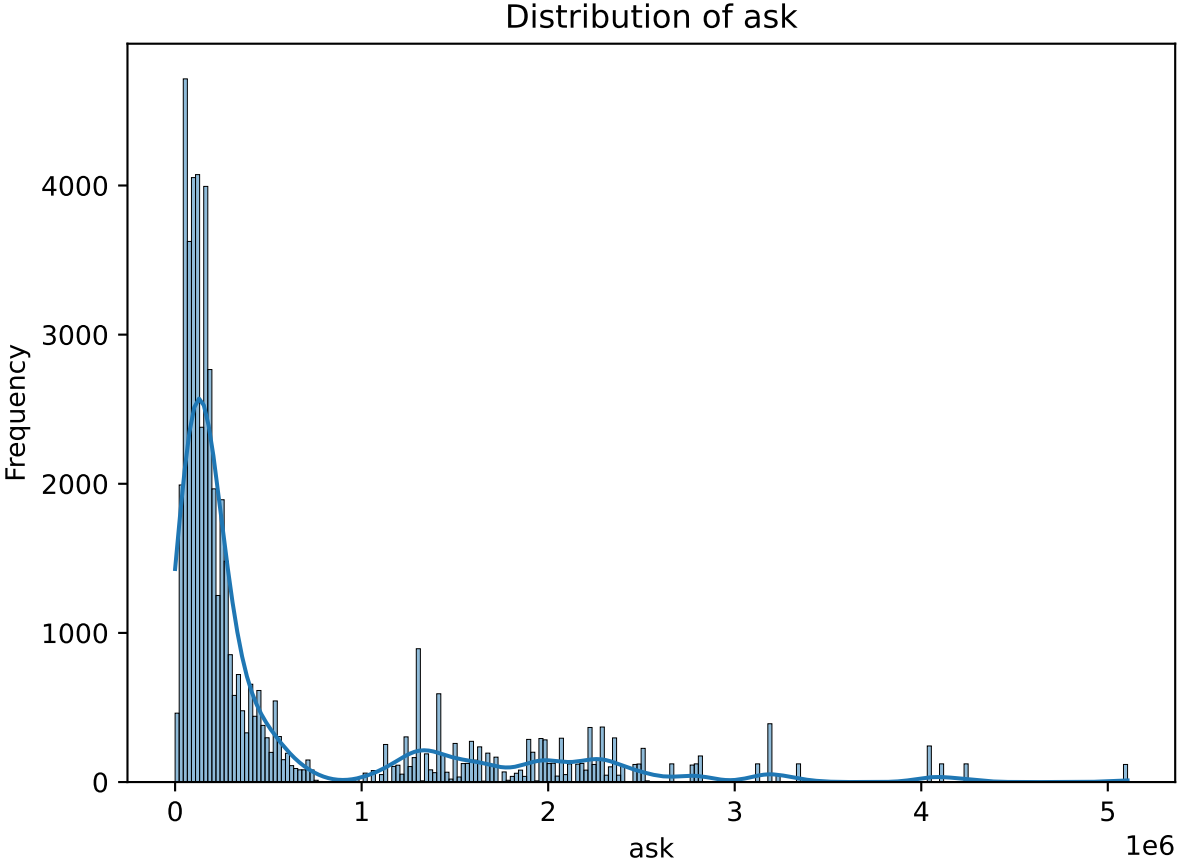

Distribution of takeoff_weight_(tow)
Frequency
takeoff_weight_(tow)
0
500
1000
1500
2000
2500
3000
3500
100000
200000
300000
400000
500000

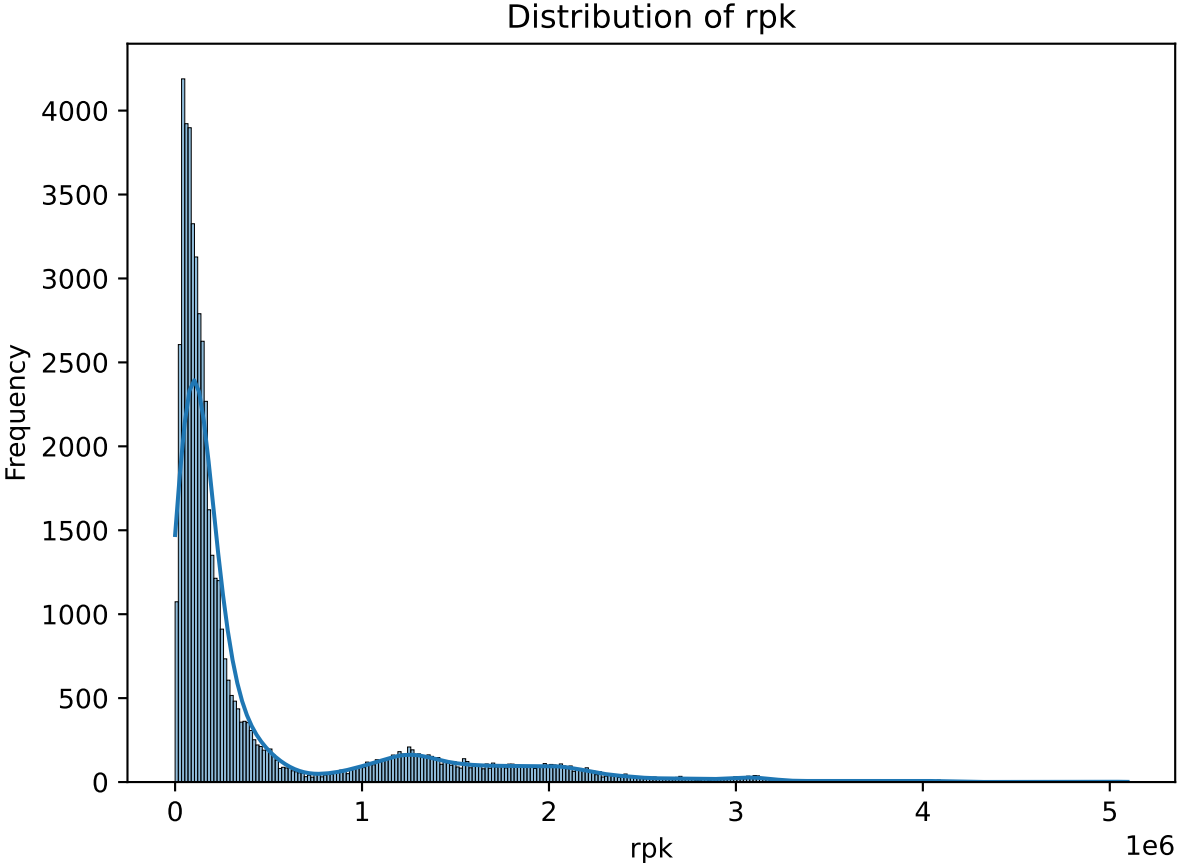

Distribution of cargo_atk
Frequency
7000
6000
5000
4000
3000
2000
1000
0
0
50000
100000
150000
200000
250000
cargo_atk

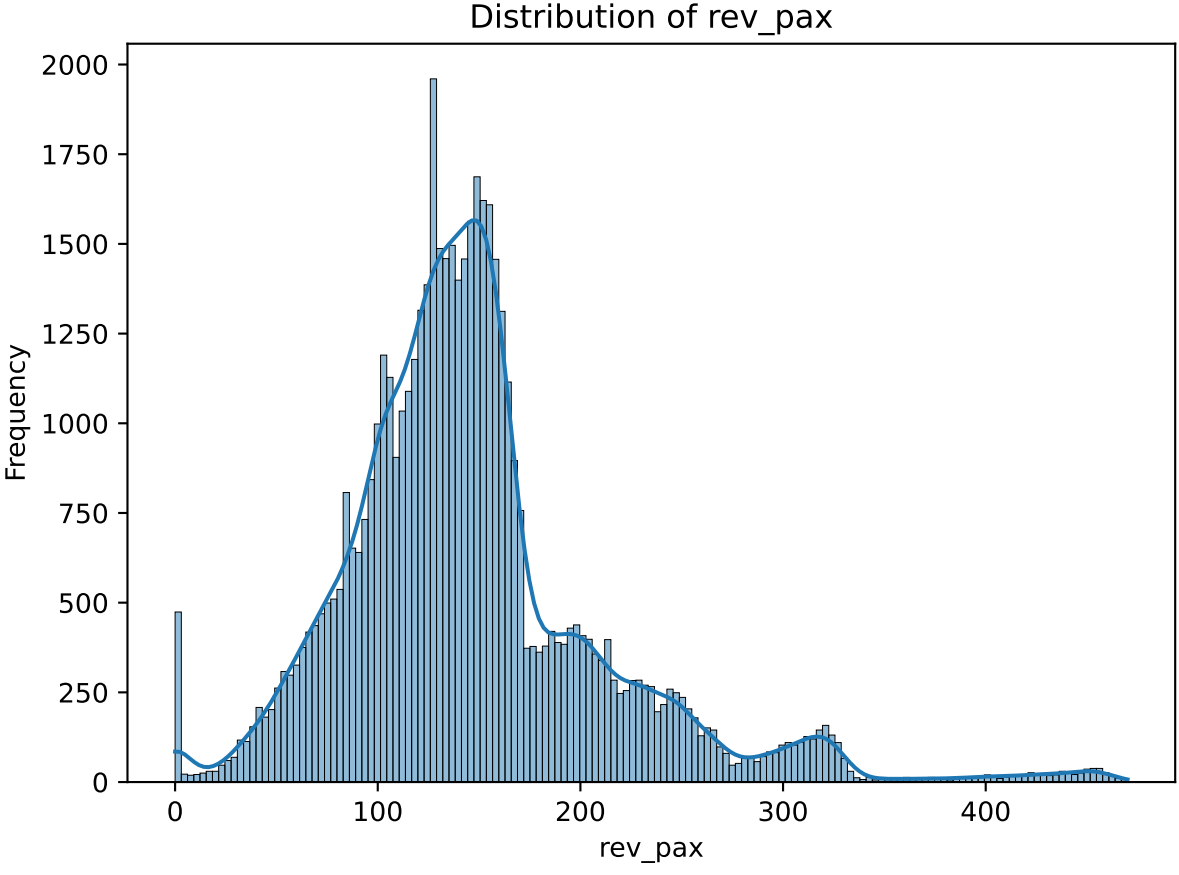

Distribution of total_atk
Frequency
total_atk
0
1000
2000
3000
4000
5000
0
100000
200000
300000
400000
500000
600000
700000

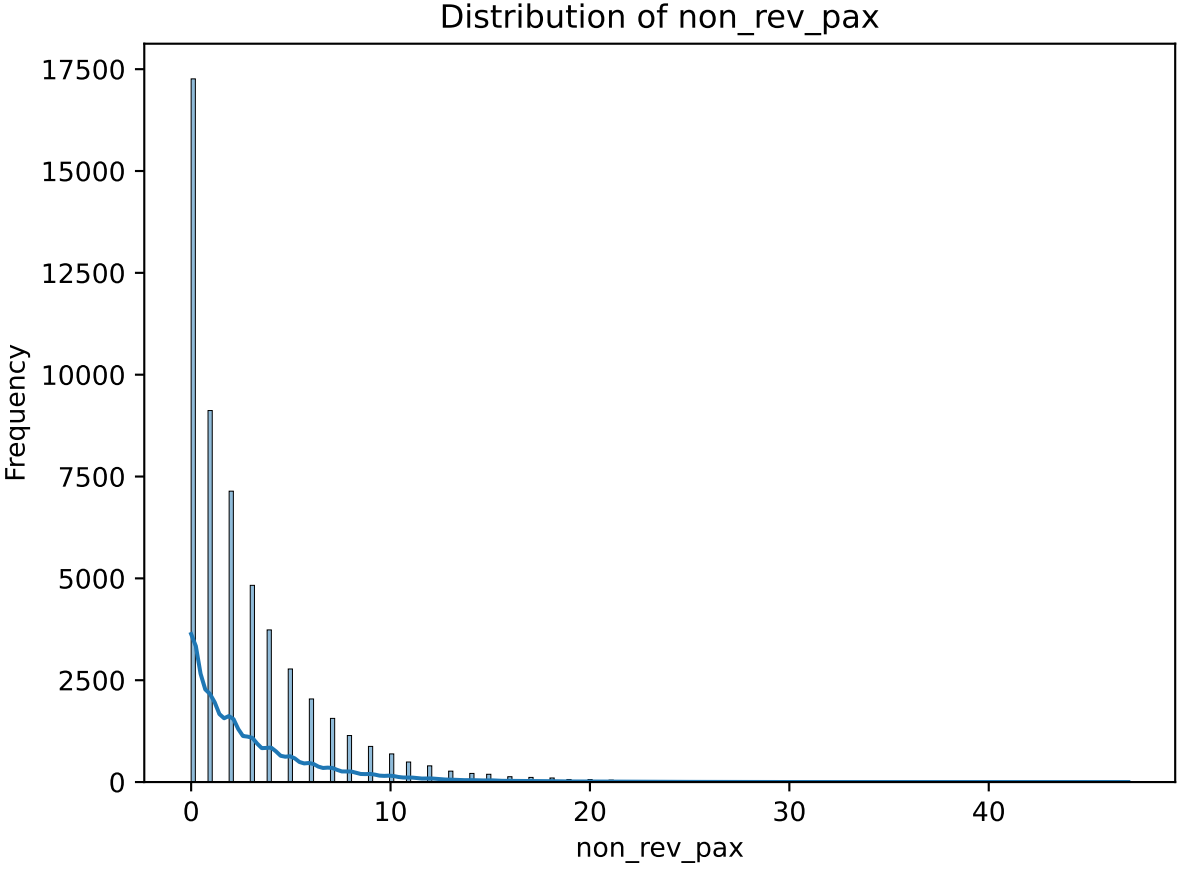

Distribution of total_rtk
Frequency
0
1000
2000
3000
4000
0
100000
200000
300000
400000
500000
600000
total_rtk

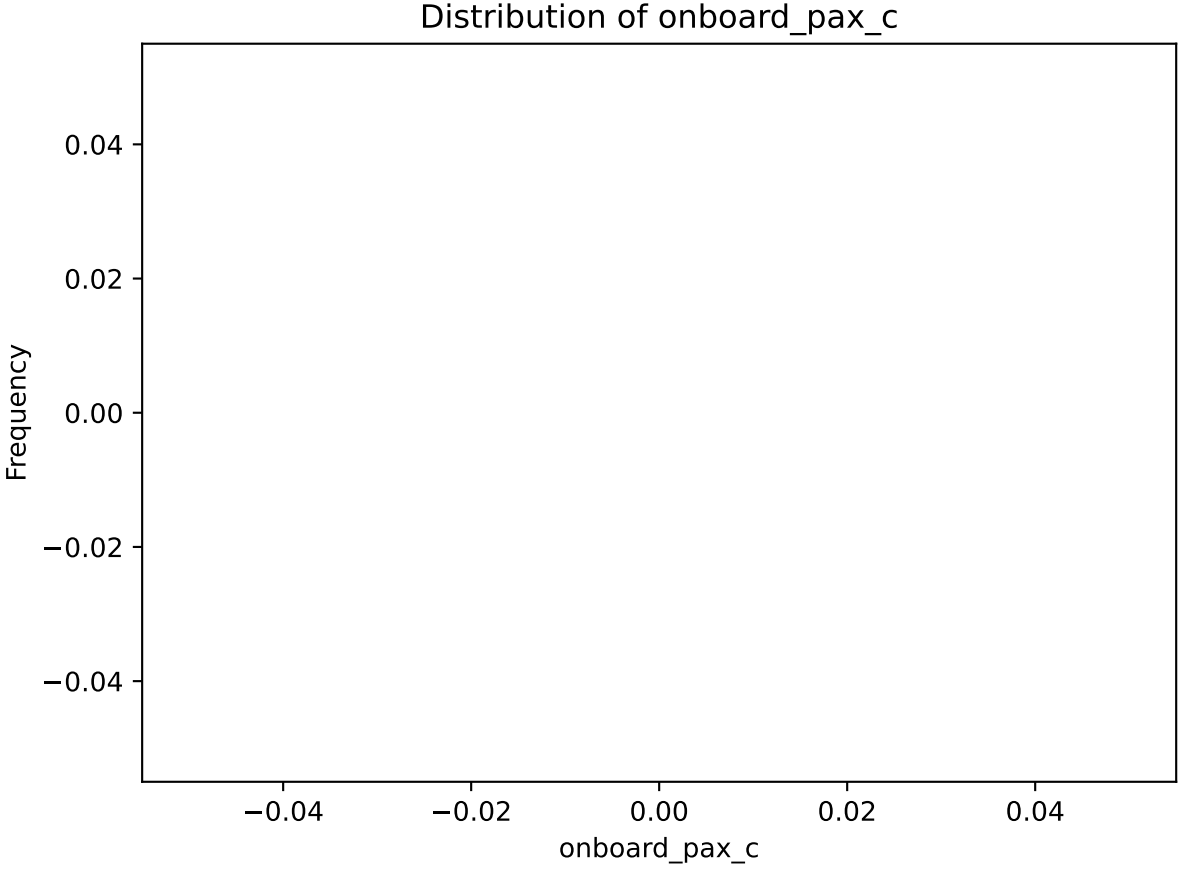

Distribution of ctk
Frequency
40000
35000
30000
25000
20000
15000
10000
5000
0
0
50000
100000
150000
200000
250000
ctk

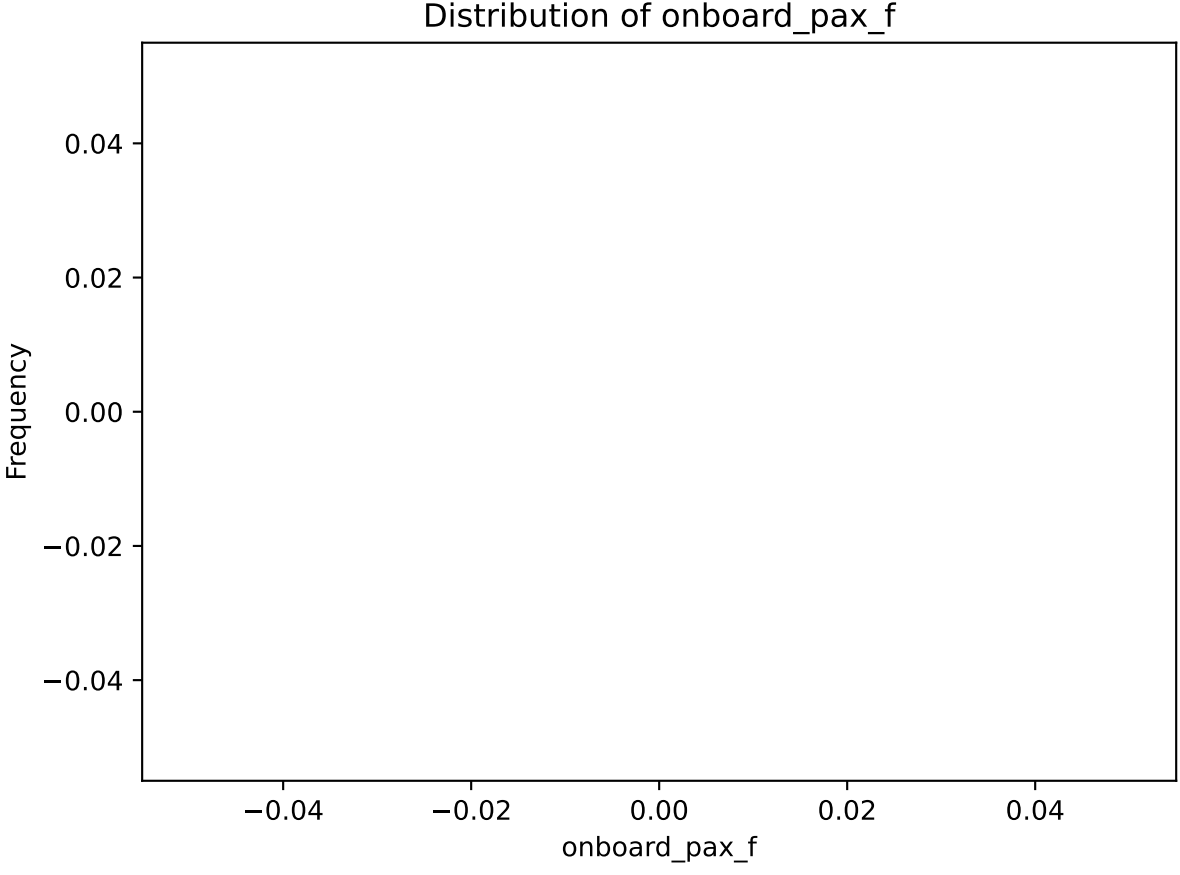

Distribution of ask
Frequency
4000
3000
2000
1000
0
0
1
2
3
4
5
ask
1e6

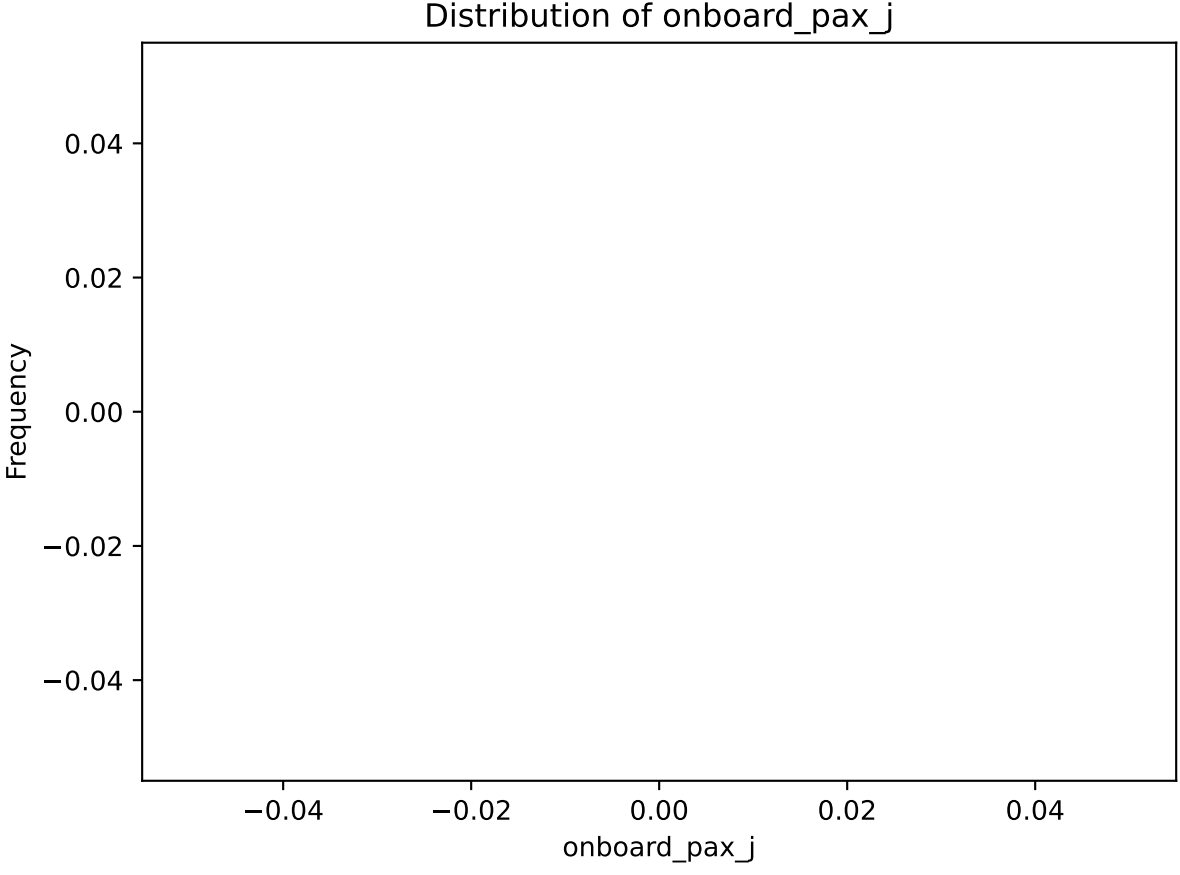

Distribution of rpk
Frequency
4000
3500
3000
2500
2000
1500
1000
500
0
0
1
2
3
4
5
rpk
1e6

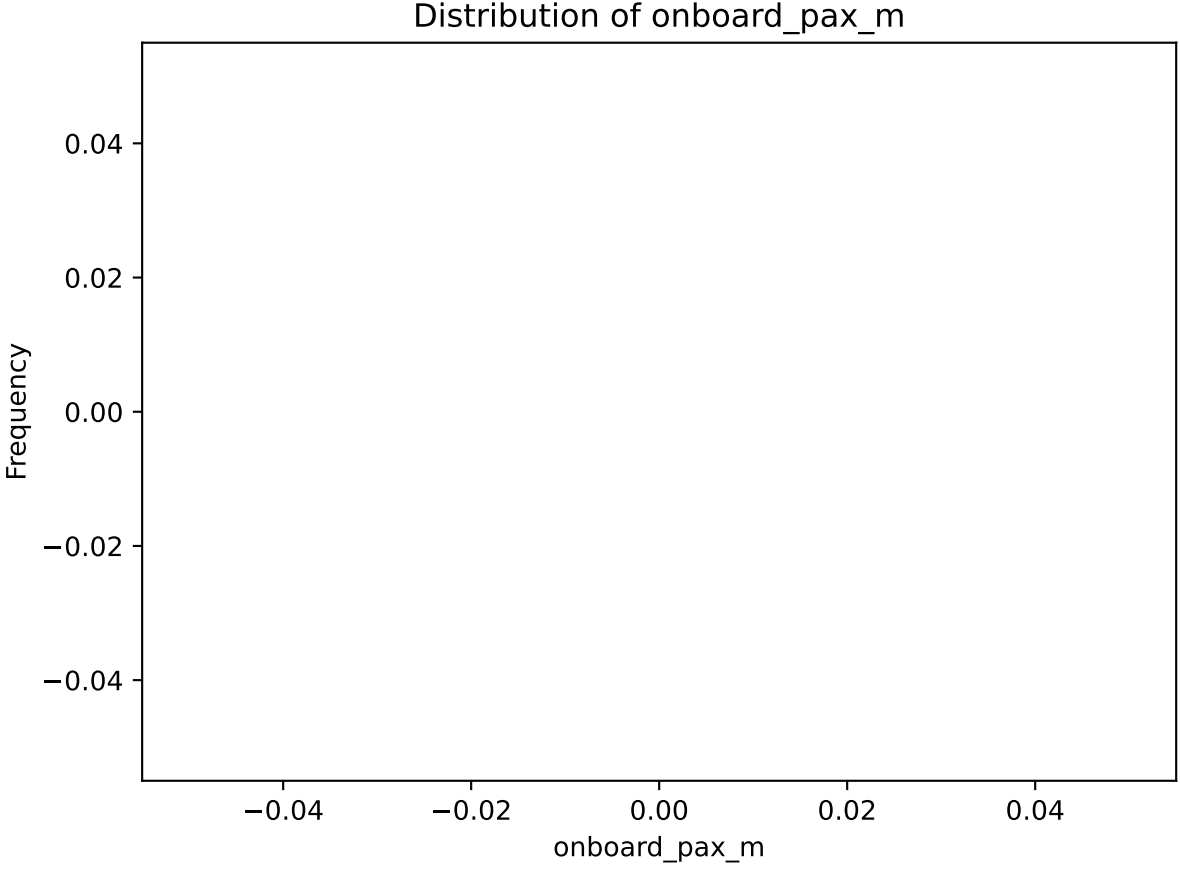

Distribution of rev_pax
Frequency
rev_pax
0
250
500
750
1000
1250
1500
1750
2000
0
100
200
300
400

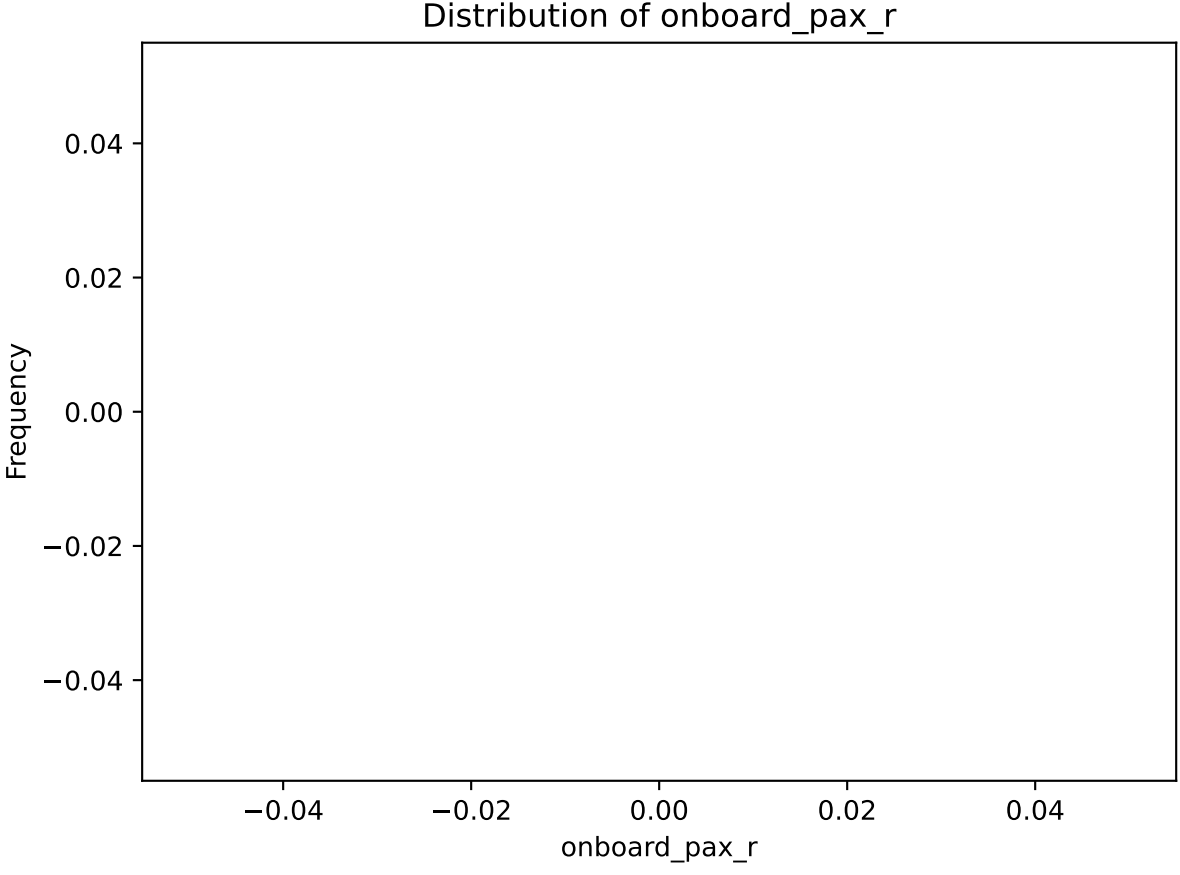

Distribution of non_rev_pax
Frequency
17500
15000
12500
10000
7500
5000
2500
0
0
10
20
30
40
non_rev_pax

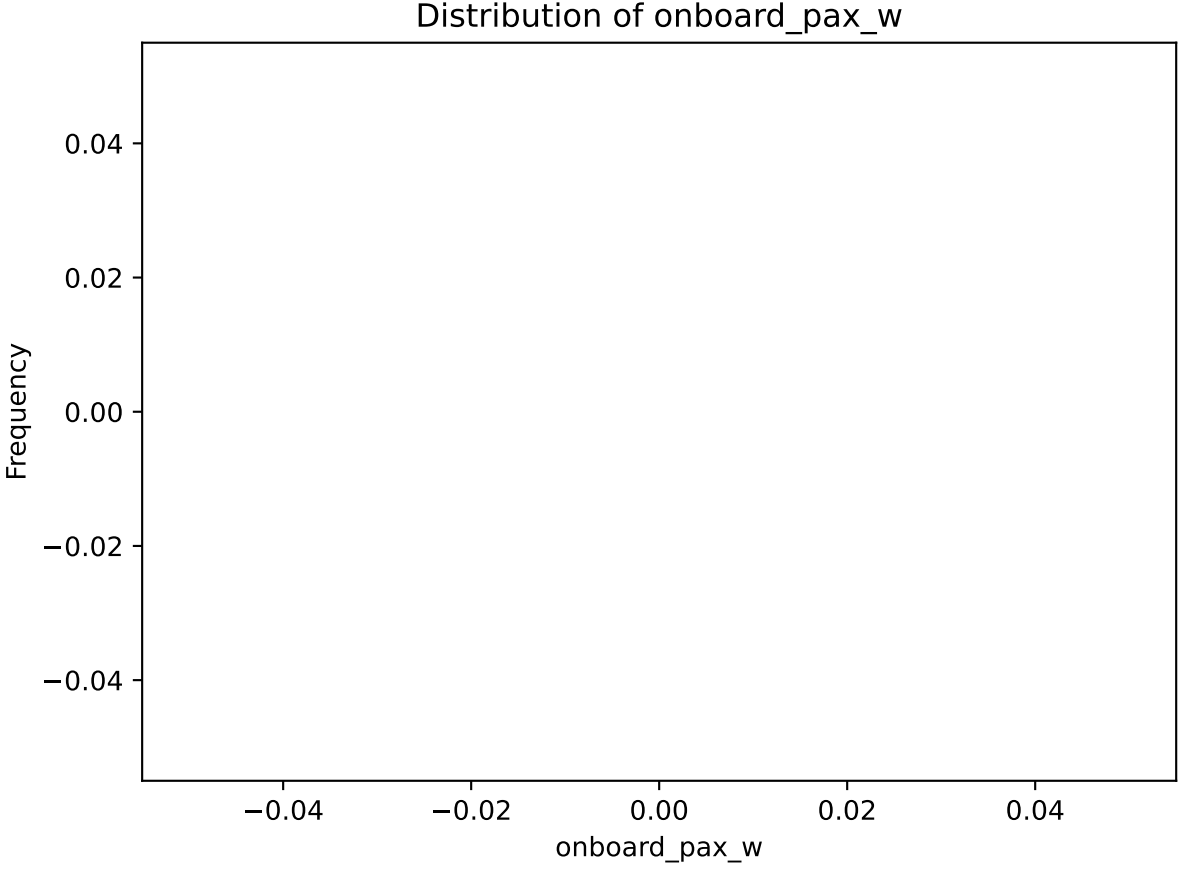

Distribution of onboard_pax_c
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onboard_pax_c

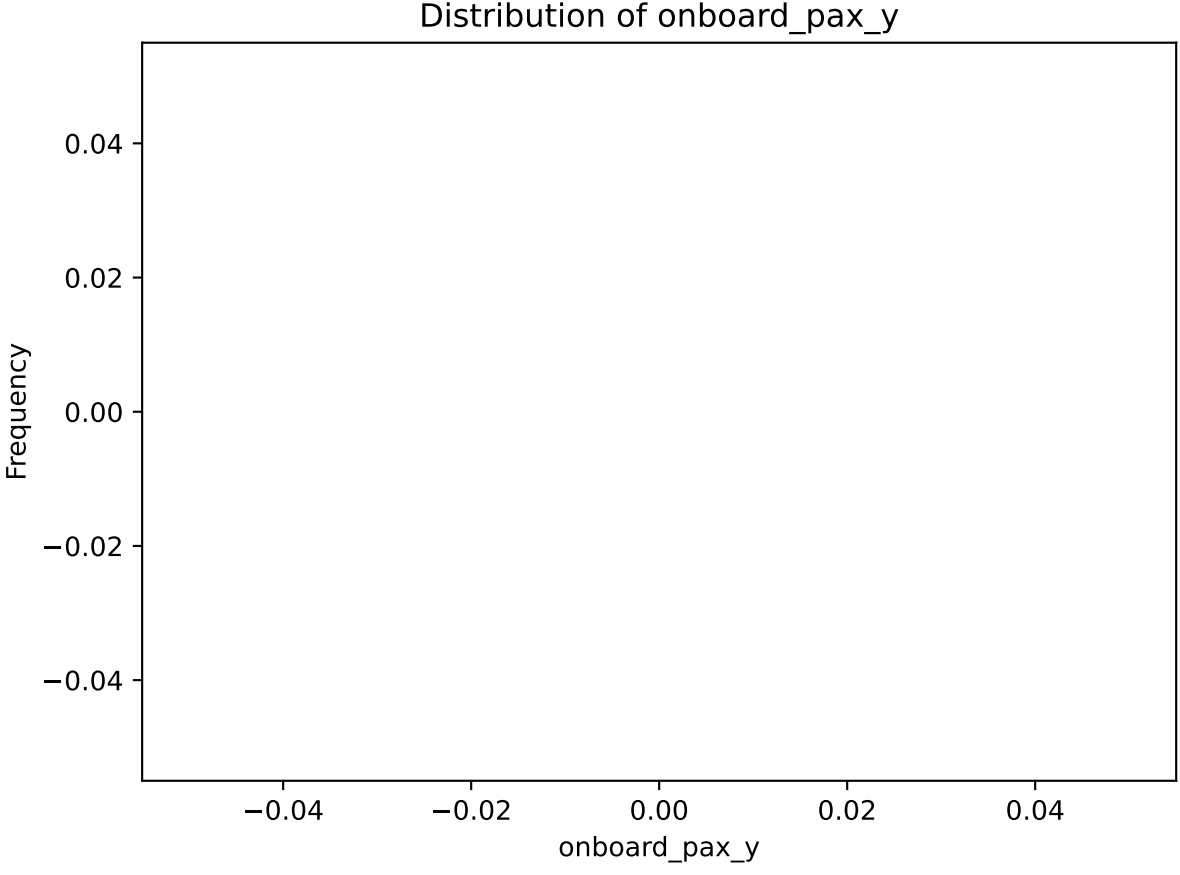

Distribution of onboard_pax_f
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onboard_pax_f

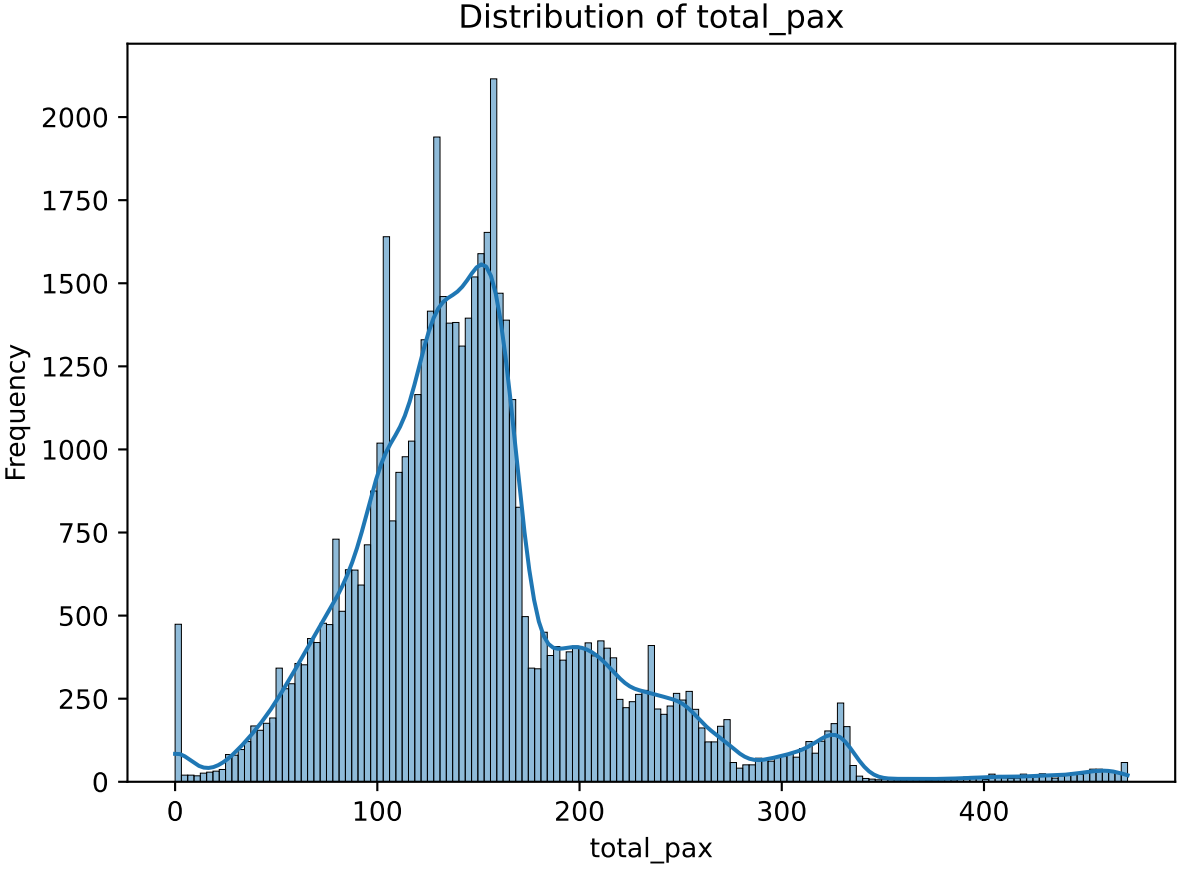

Distribution of onboard_pax_j
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onboard_pax_j

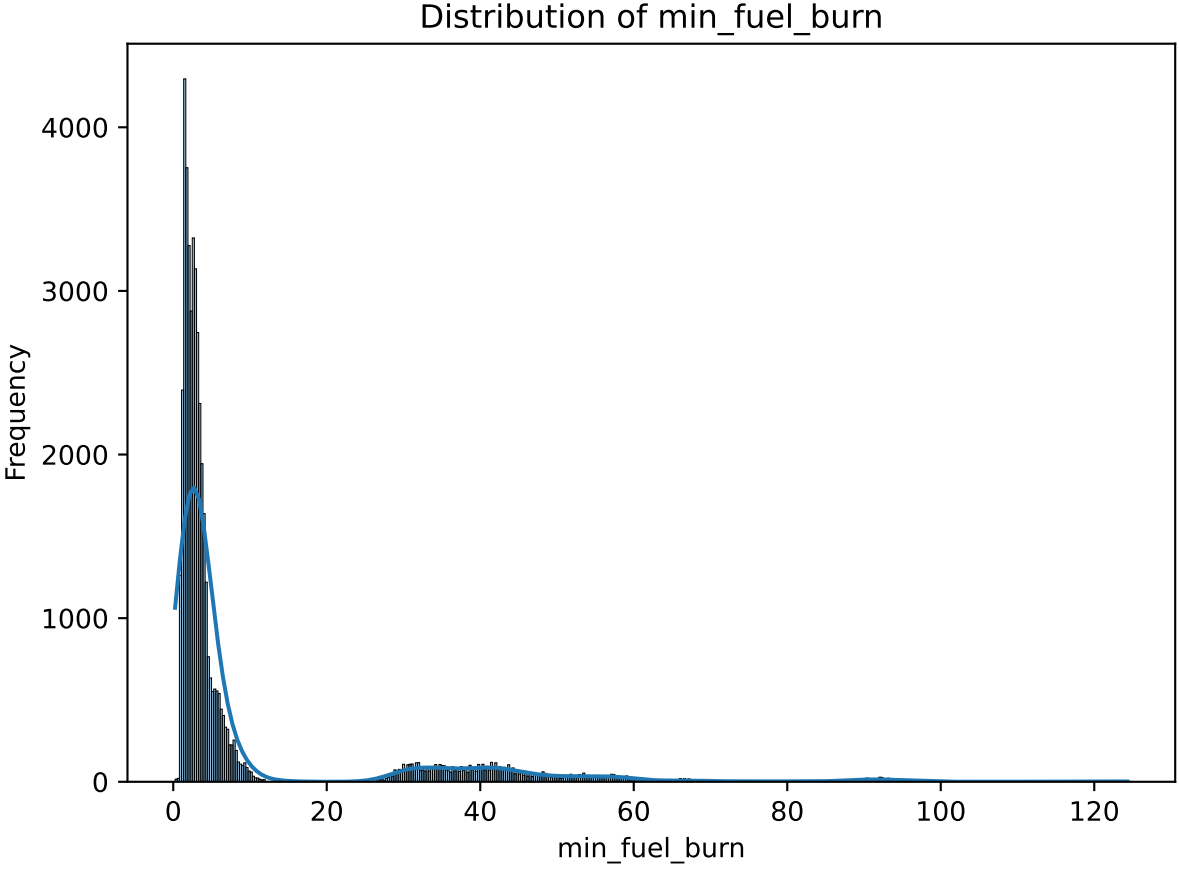

Distribution of onboard_pax_m
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onboard_pax_m

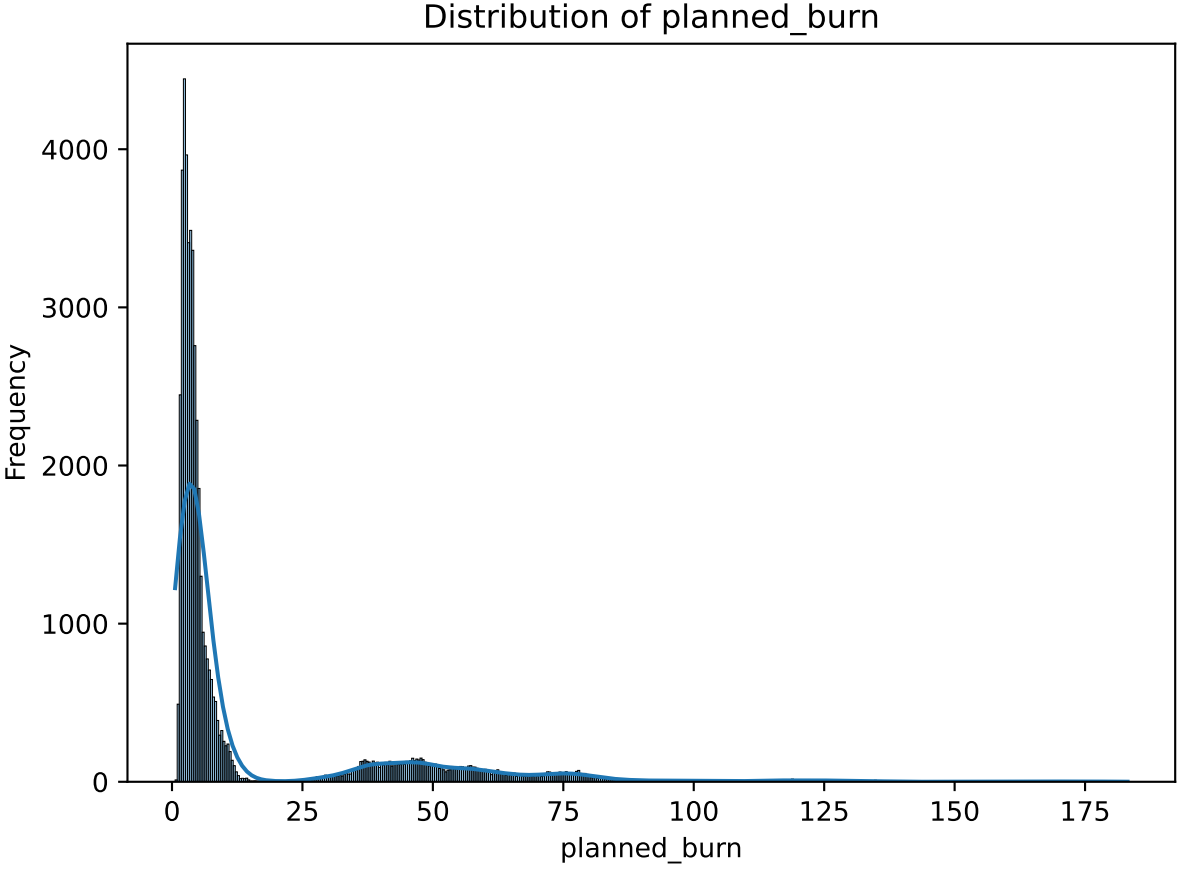

Distribution of onboard_pax_r
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onboard_pax_r

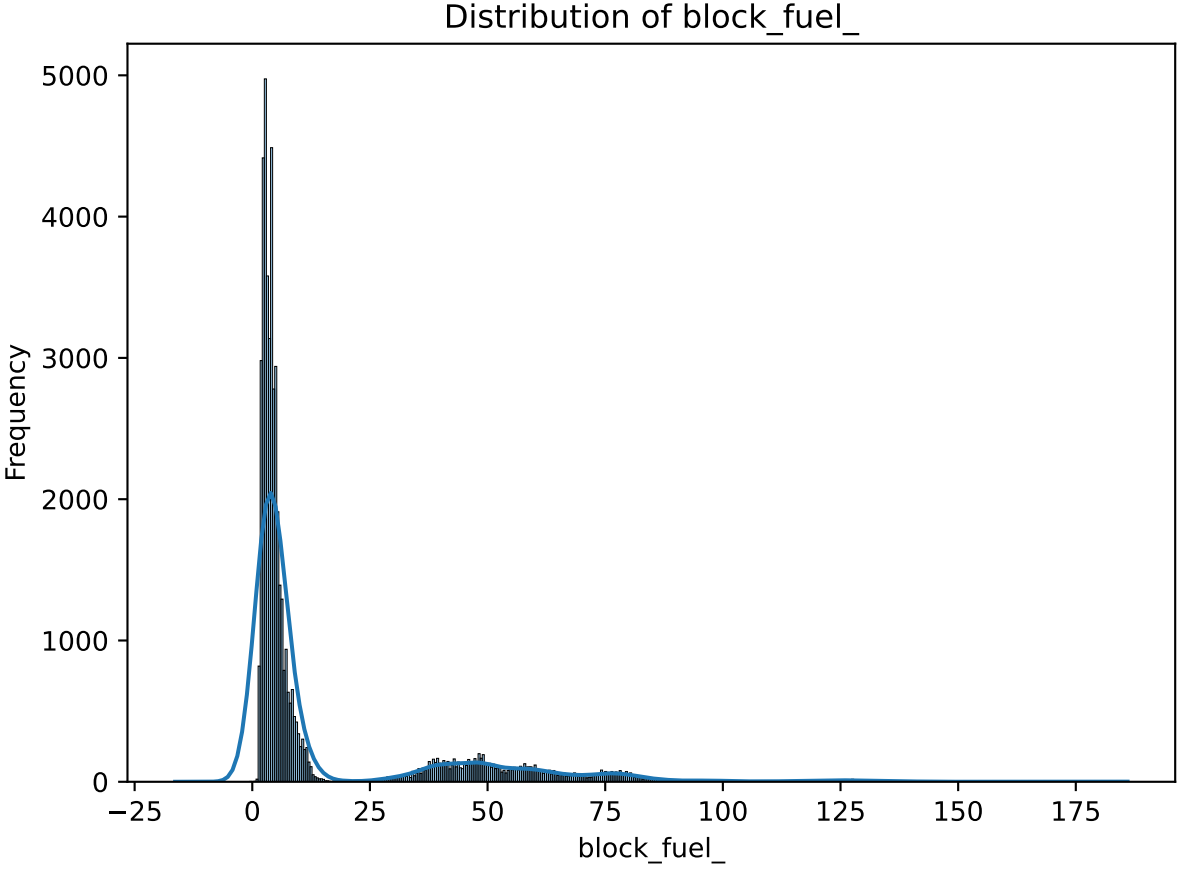

Distribution of onboard_pax_w
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onboard_pax_w

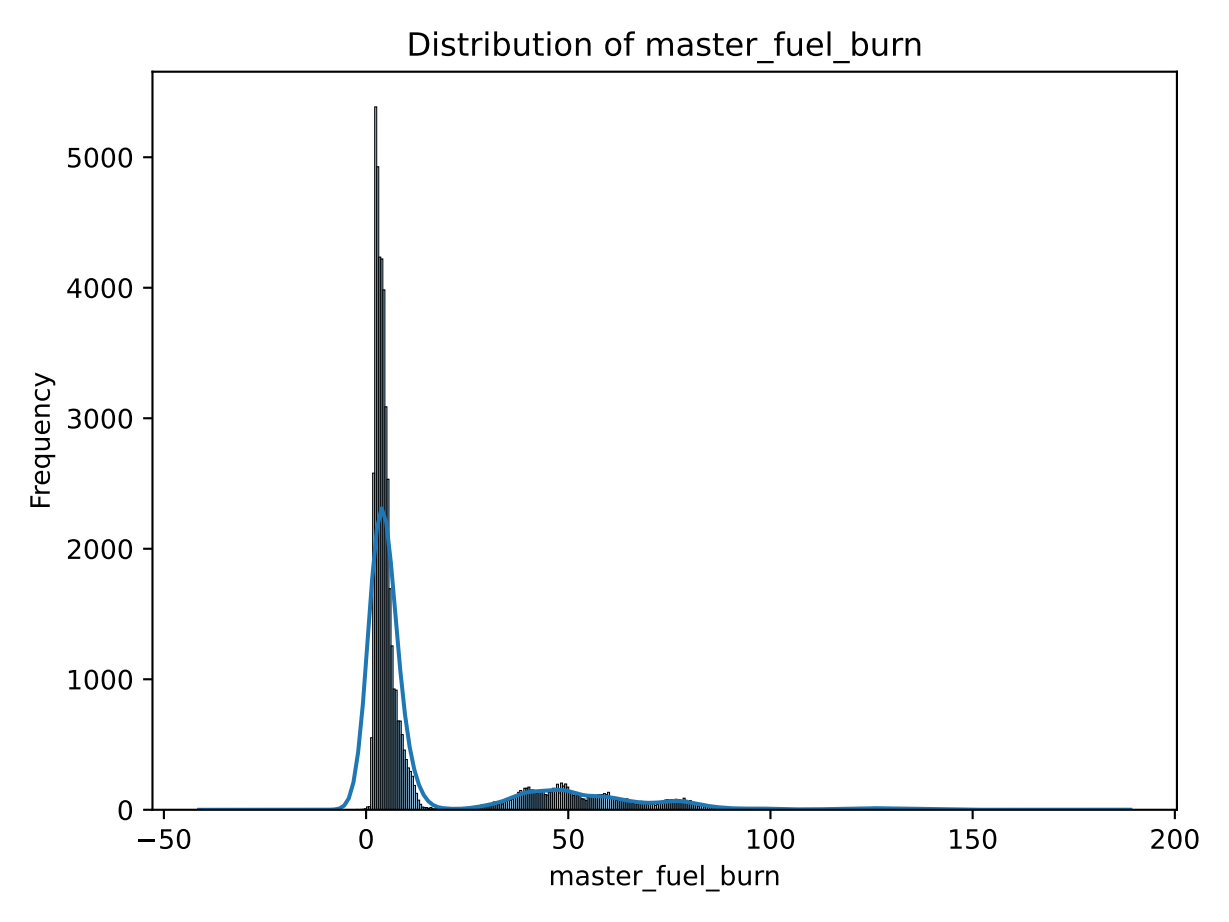

Distribution of onboard_pax_y
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
onboard_pax_y

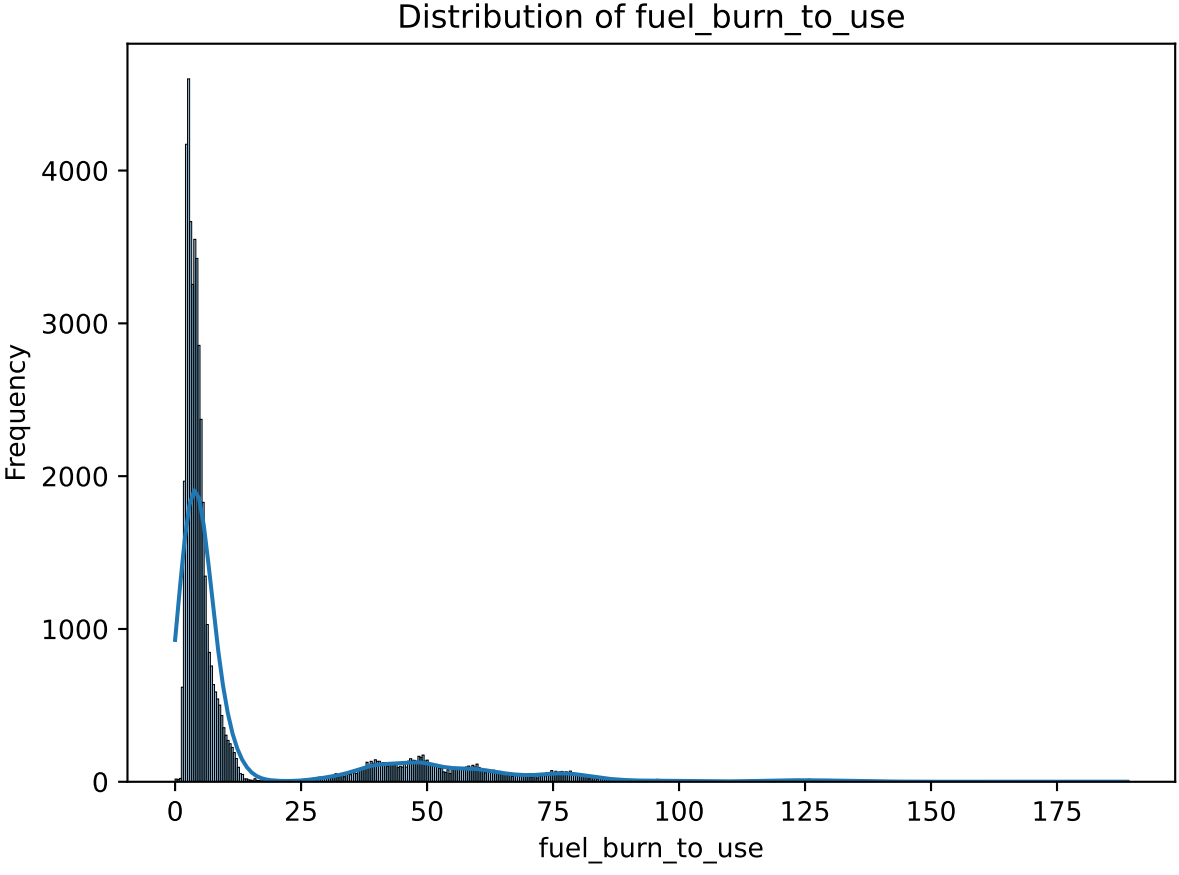

Distribution of total_pax
Frequency
total_pax
0
250
500
750
1000
1250
1500
1750
2000
0
100
200
300
400

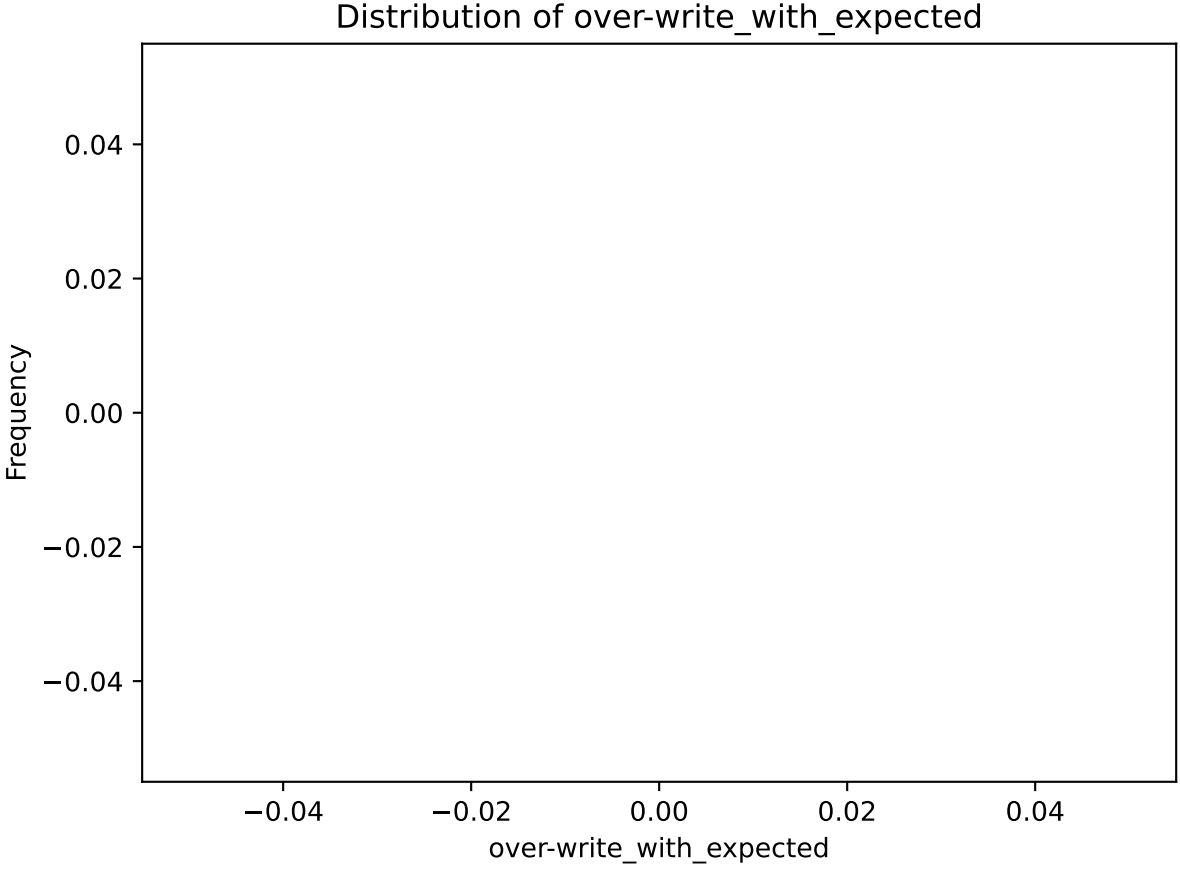

Distribution of min_fuel_burn
Frequency
0
1000
2000
3000
4000
0
20
40
60
80
100
120
min_fuel_burn

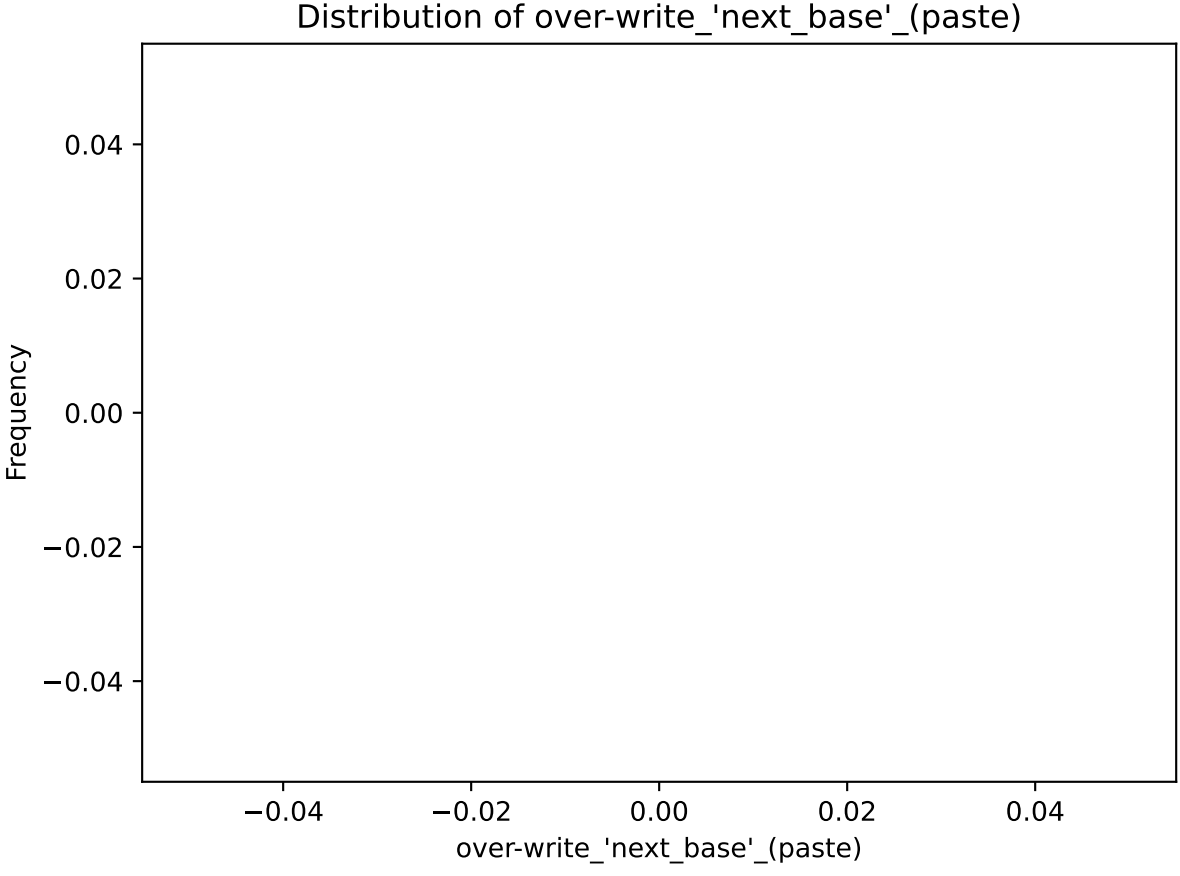

Distribution of planned_burn
Frequency
4000
3000
2000
1000
0
0
25
50
75
100
125
150
175
planned_burn

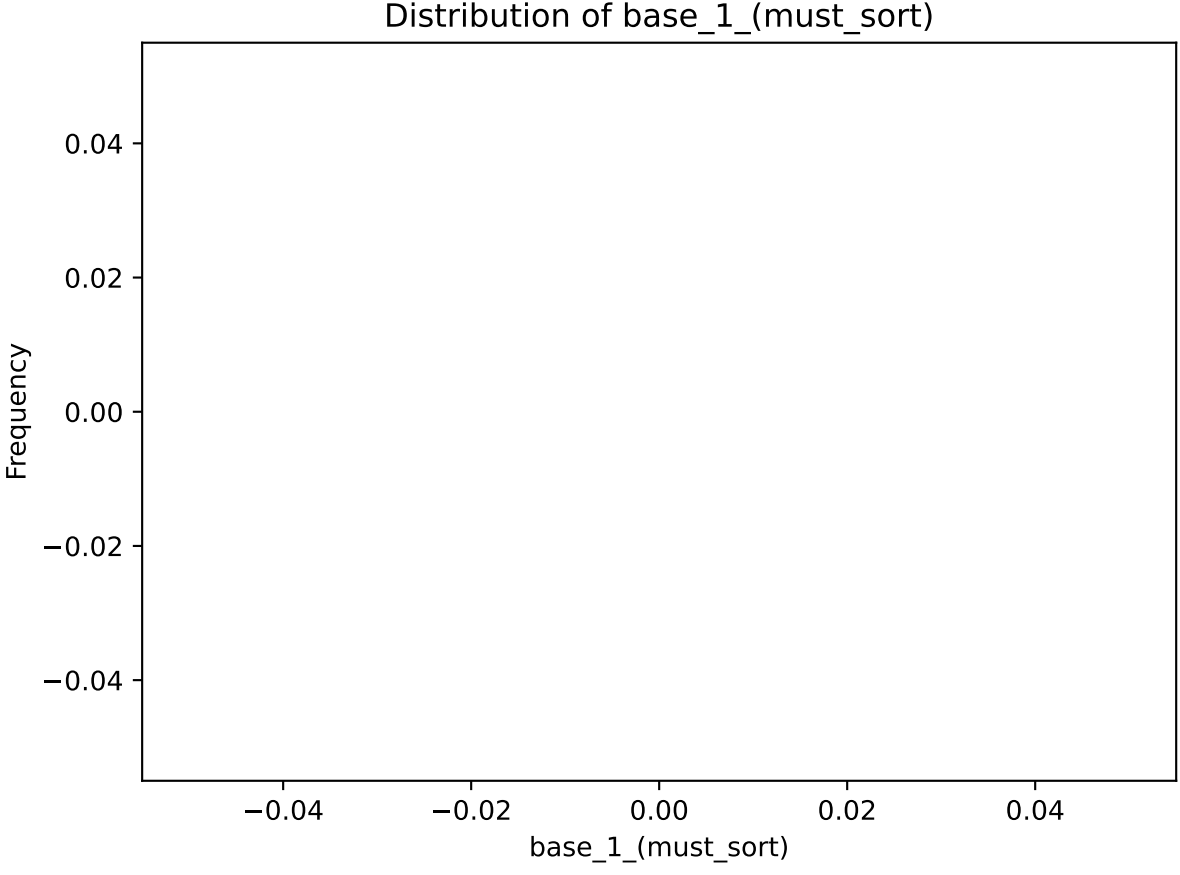

Distribution of block_fuel_
Frequency
block_fuel_
5000
4000
3000
2000
1000
0
−25
0
25
50
75
100
125
150
175

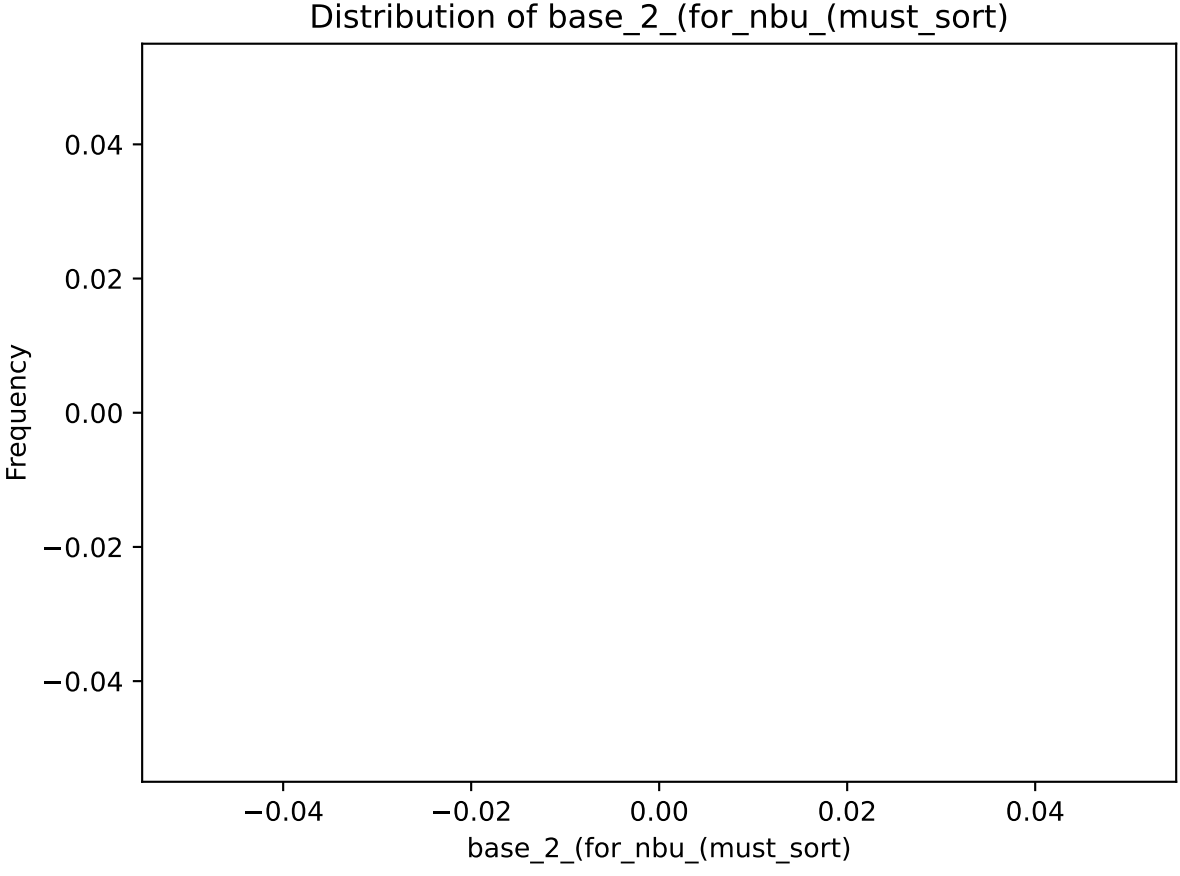

Distribution of master_fuel_burn
Frequency
master_fuel_burn
5000
4000
3000
2000
1000
0
−50
0
50
100
150
200

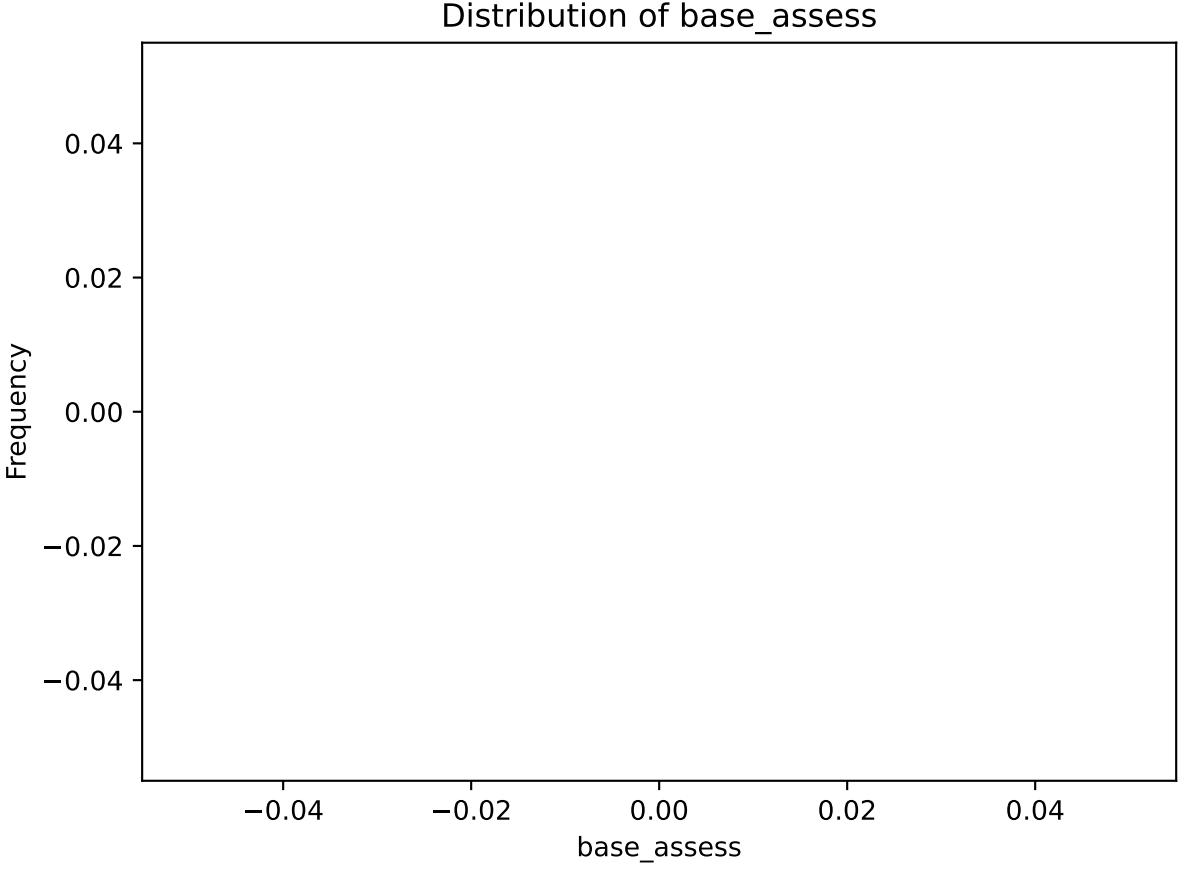

Distribution of fuel_burn_to_use
Frequency
0
1000
2000
3000
4000
0
25
50
75
100
125
150
175
fuel_burn_to_use

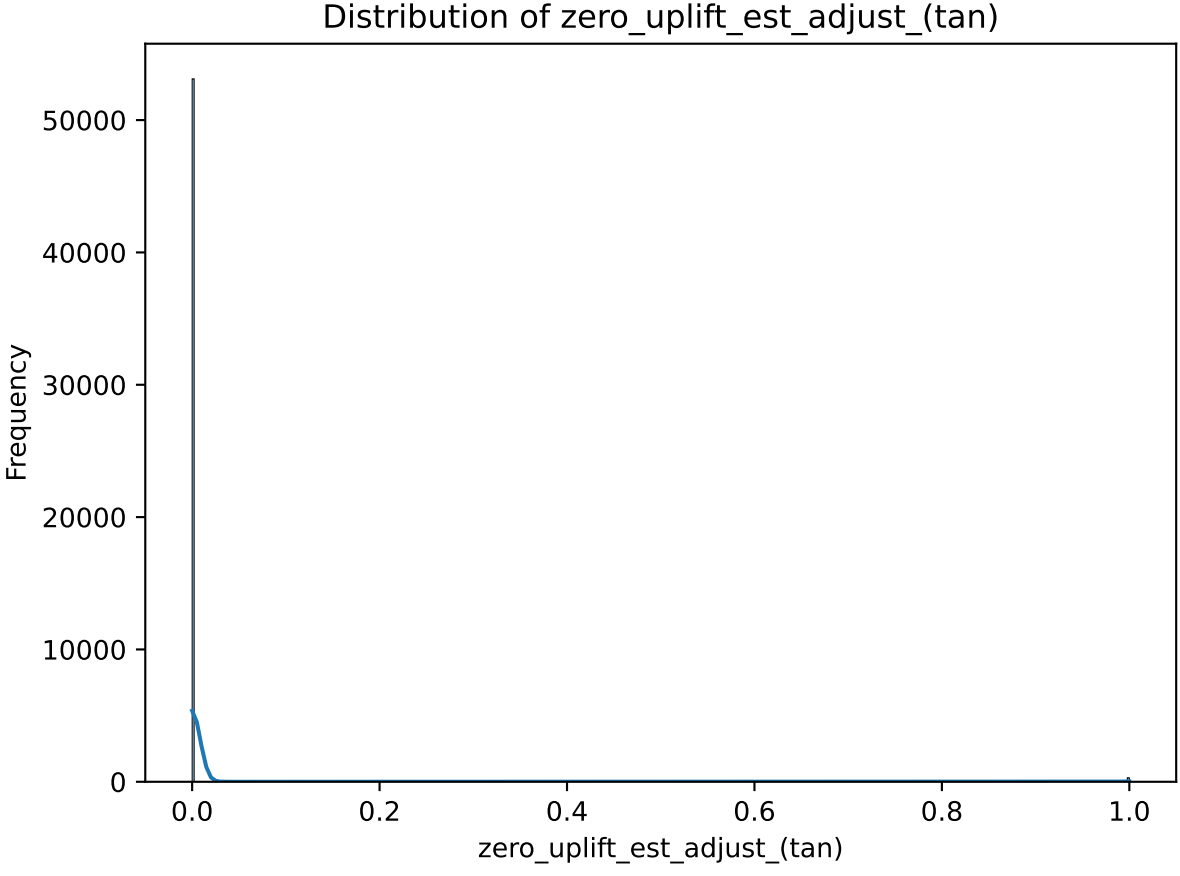

Distribution of over-write_with_expected
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
over-write_with_expected

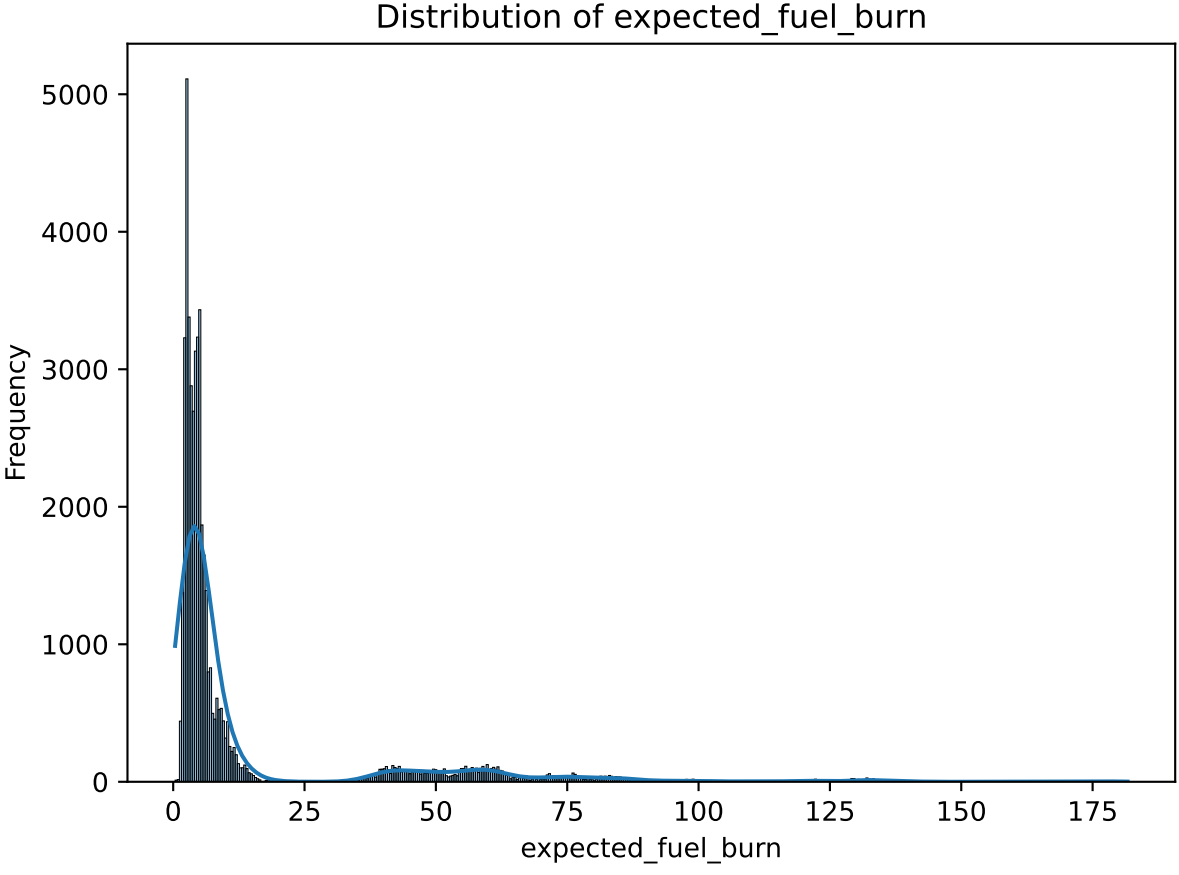

Distribution of over-write_'next_base'_(paste)
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
over-write_'next_base'_(paste)

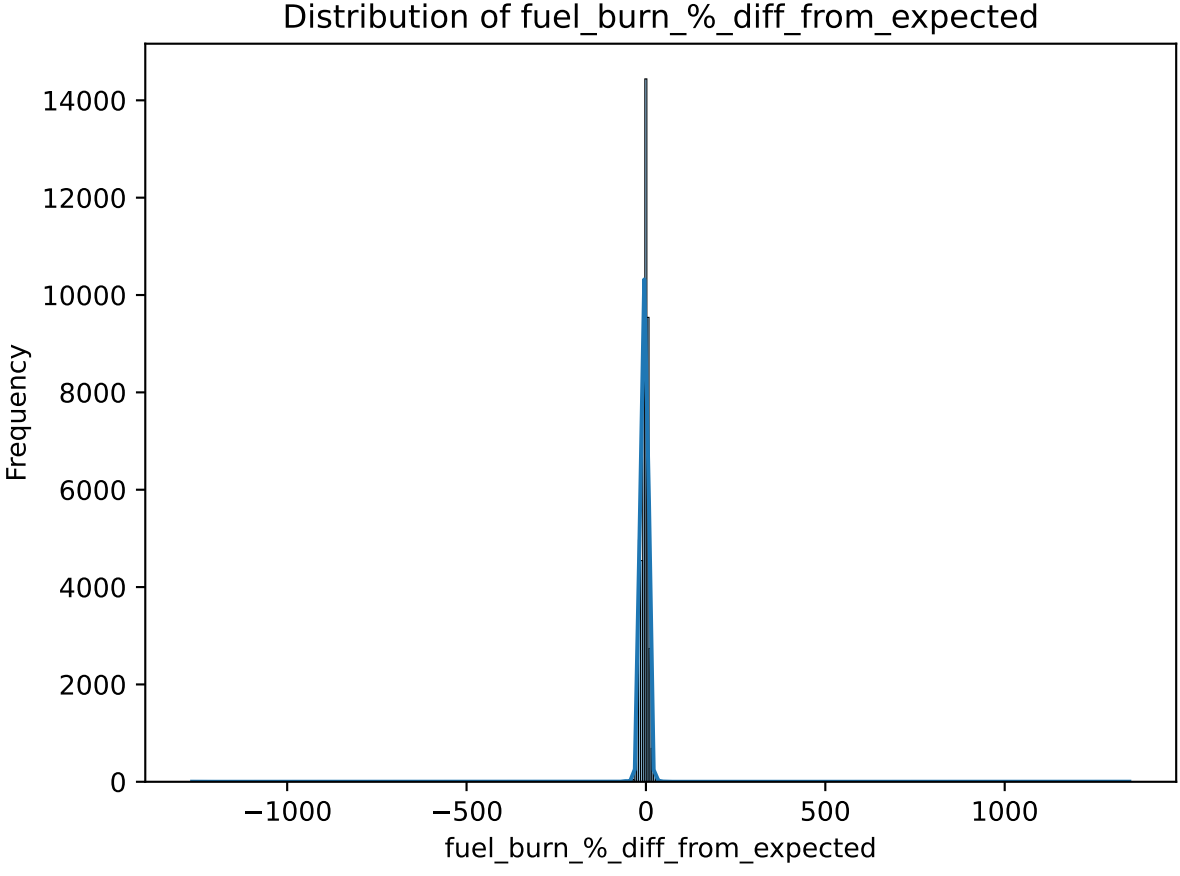

Distribution of base_1_(must_sort)
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
base_1_(must_sort)

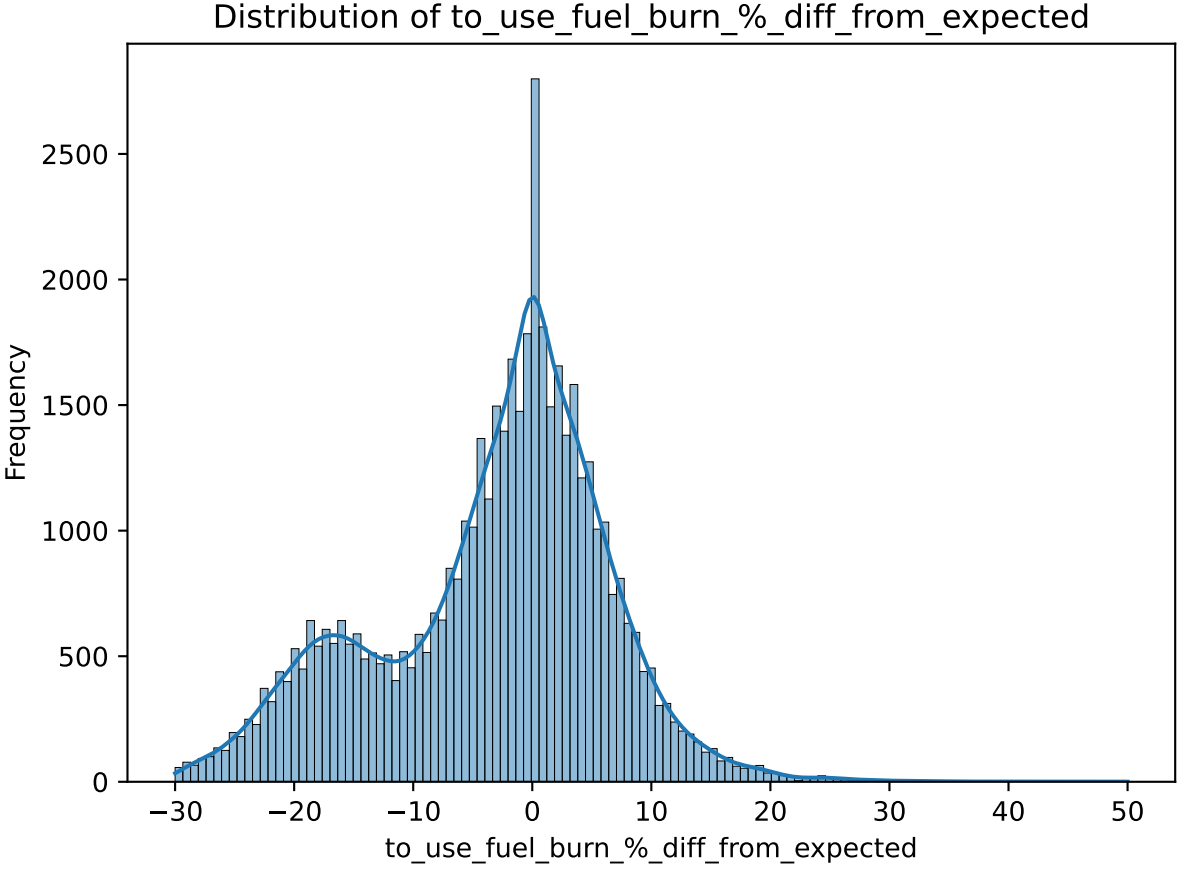

Distribution of base_2_(for_nbu_(must_sort)
0.04
0.02
0.00
−0.02
−0.04
Frequency
−0.04
−0.02
0.00
0.02
0.04
base_2_(for_nbu_(must_sort)

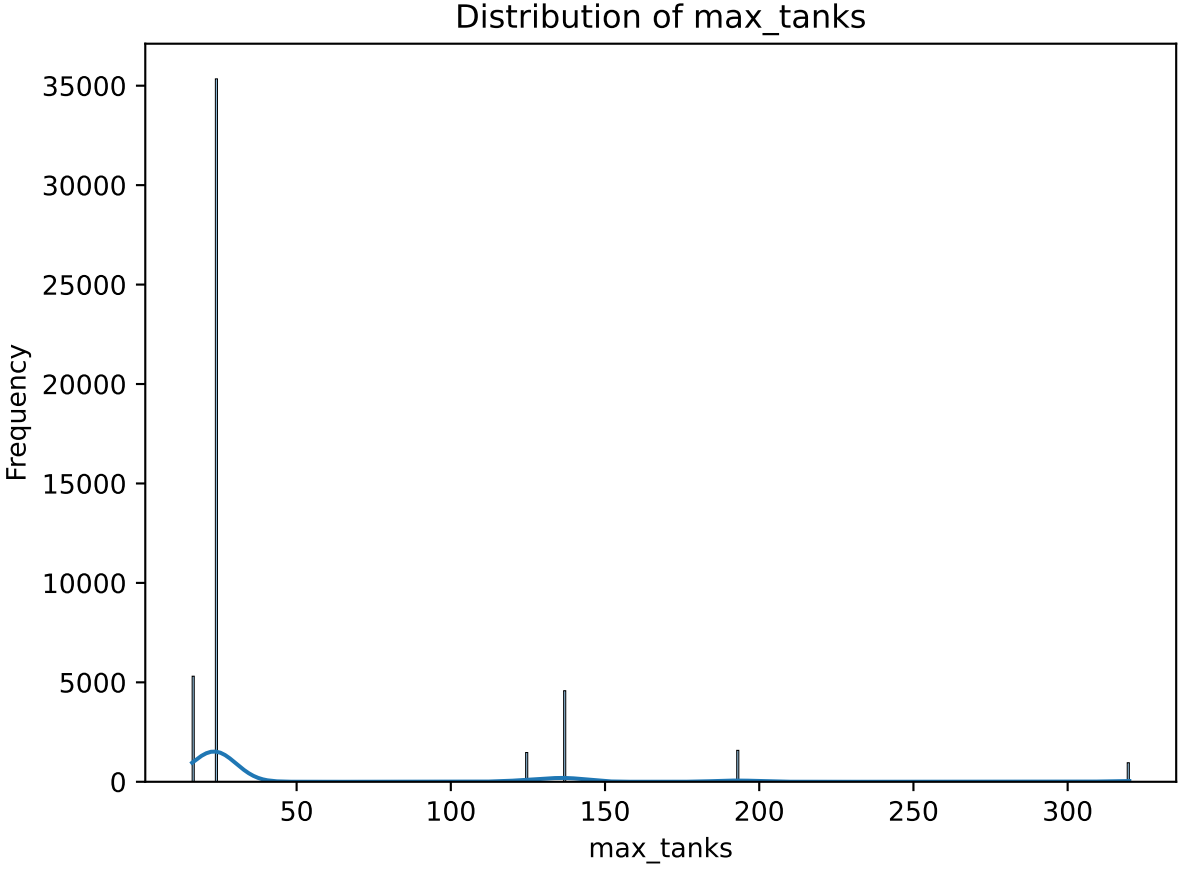

Distribution of base_assess
Frequency
0.04
0.02
0.00
−0.02
−0.04
−0.04
−0.02
0.00
0.02
0.04
base_assess

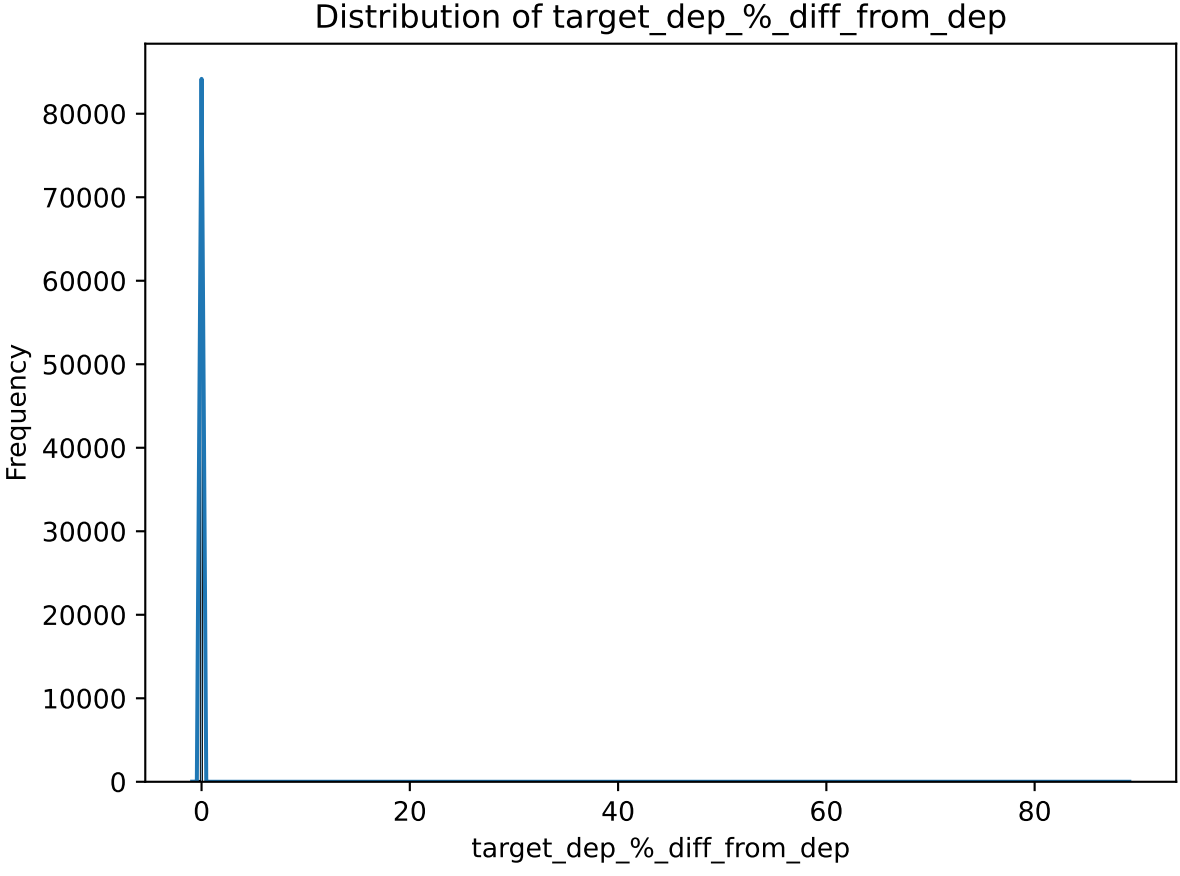

Distribution of zero_uplift_est_adjust_(tan)
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
zero_uplift_est_adjust_(tan)

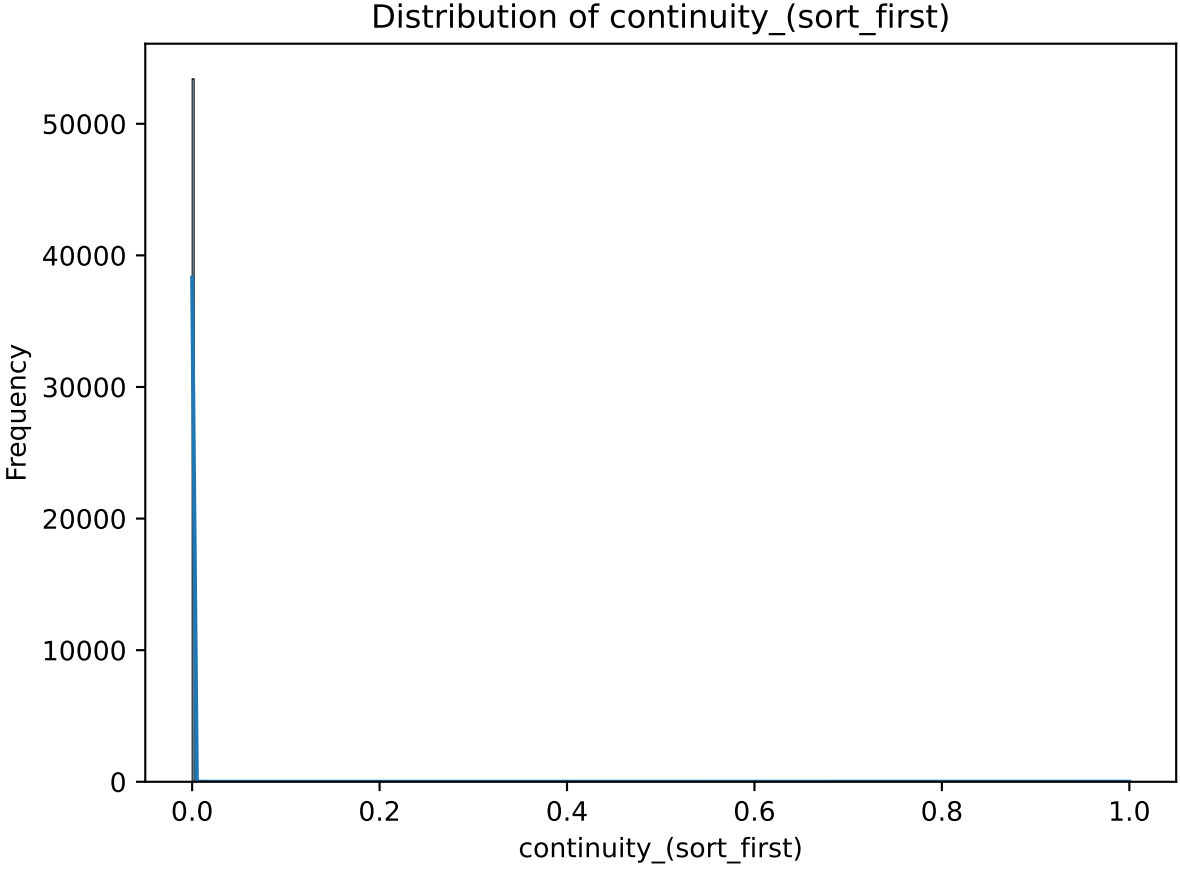

Distribution of expected_fuel_burn
Frequency
5000
4000
3000
2000
1000
0
0
25
50
75
100
125
150
175
expected_fuel_burn

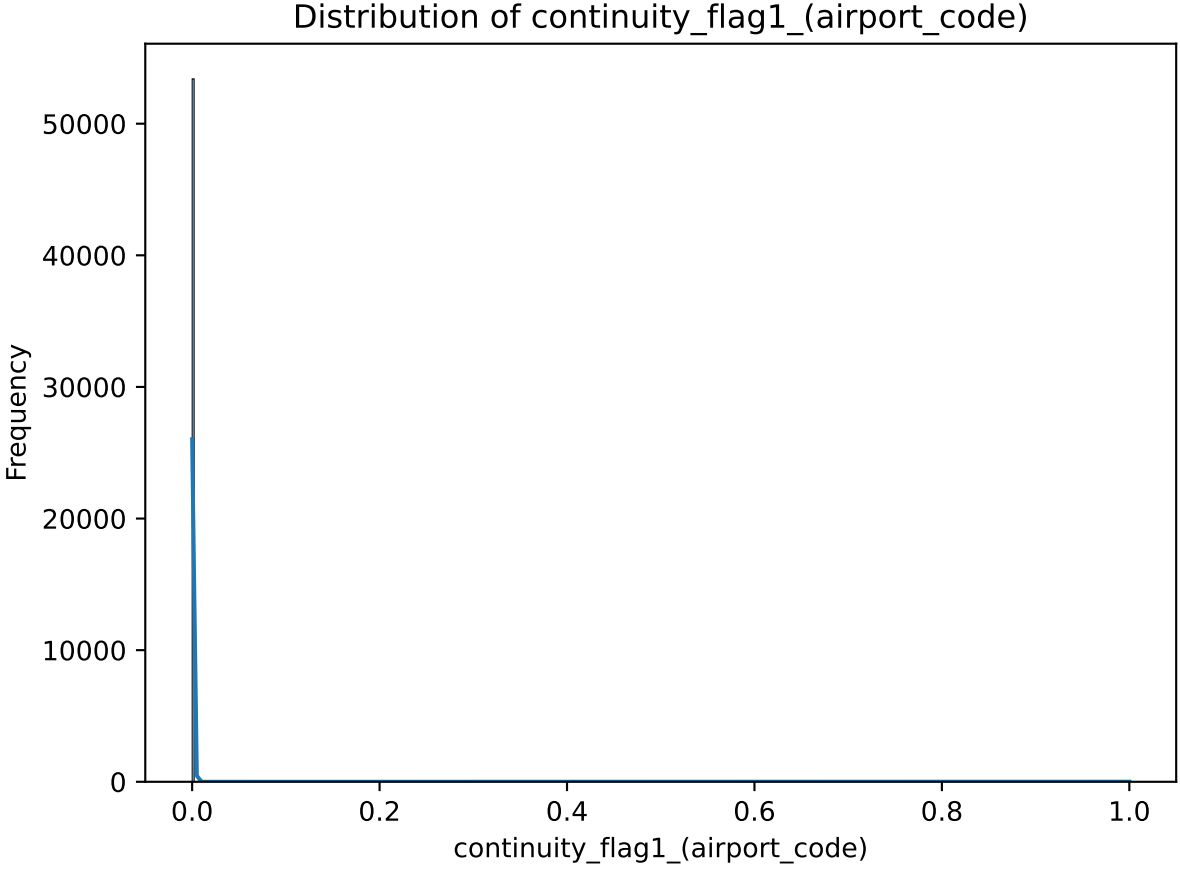

Distribution of fuel_burn_%_diff_from_expected
Frequency
14000
12000
10000
8000
6000
4000
2000
0
−1000
−500
0
500
1000
fuel_burn_%_diff_from_expected

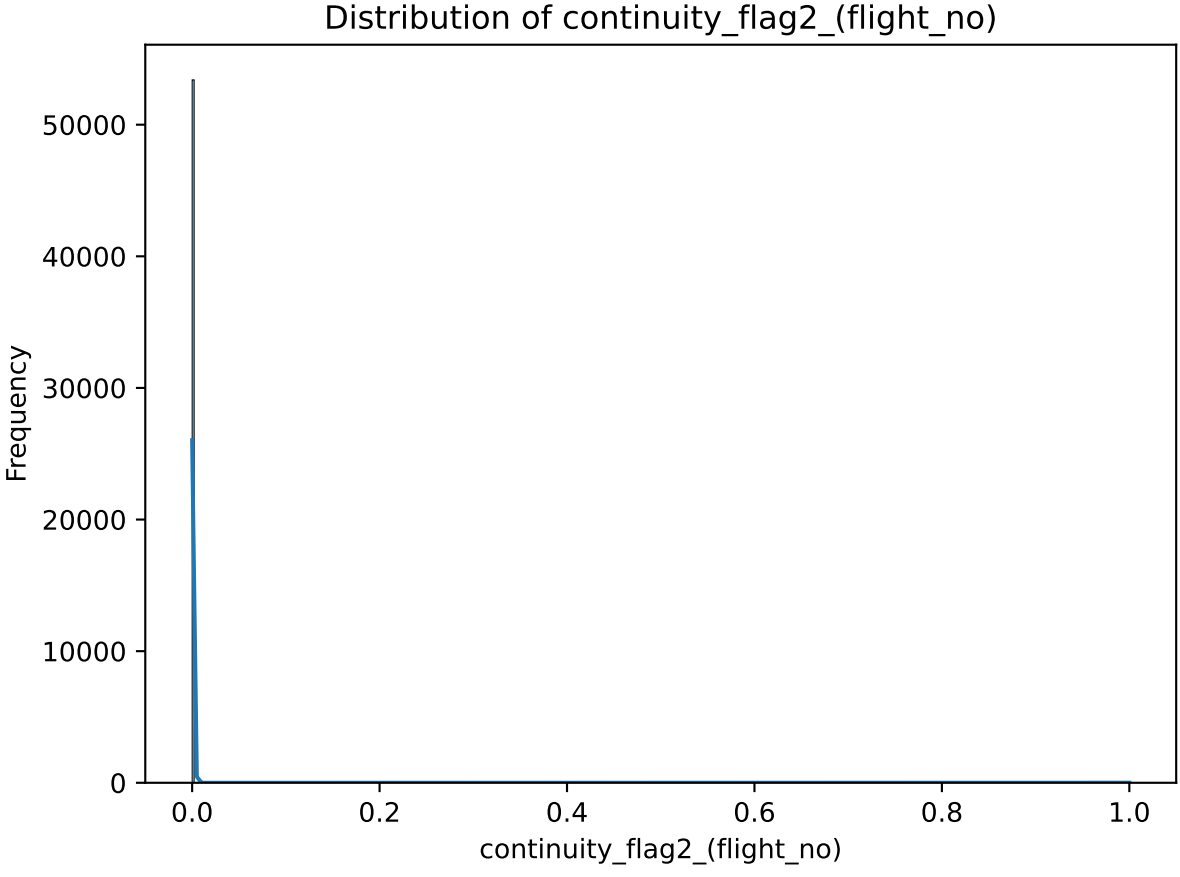

Distribution of to_use_fuel_burn_%_diff_from_expected
Frequency
2500
2000
1500
1000
500
0
−30
−20
−10
0
10
20
30
40
50
to_use_fuel_burn_%_diff_from_expected

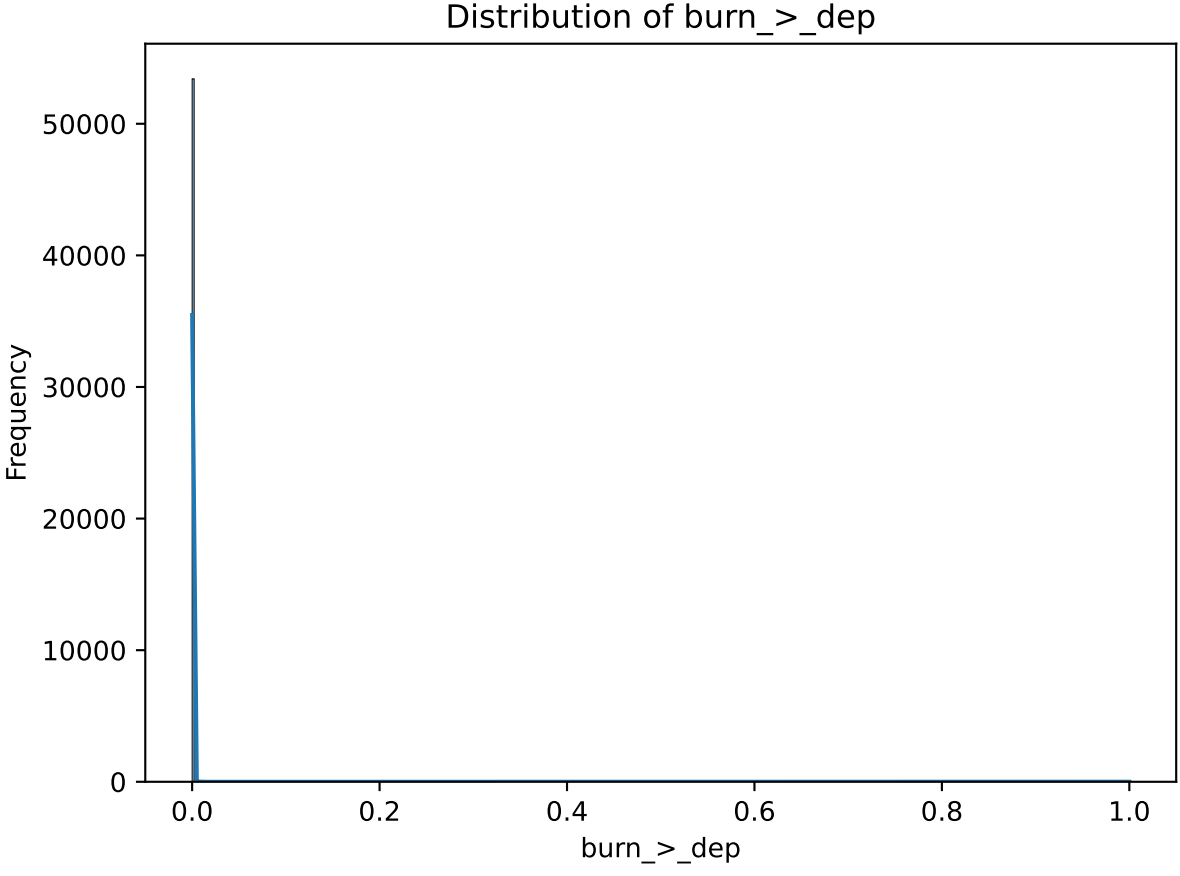

Distribution of max_tanks
Frequency
35000
30000
25000
20000
15000
10000
5000
0
50
100
150
200
250
300
max_tanks

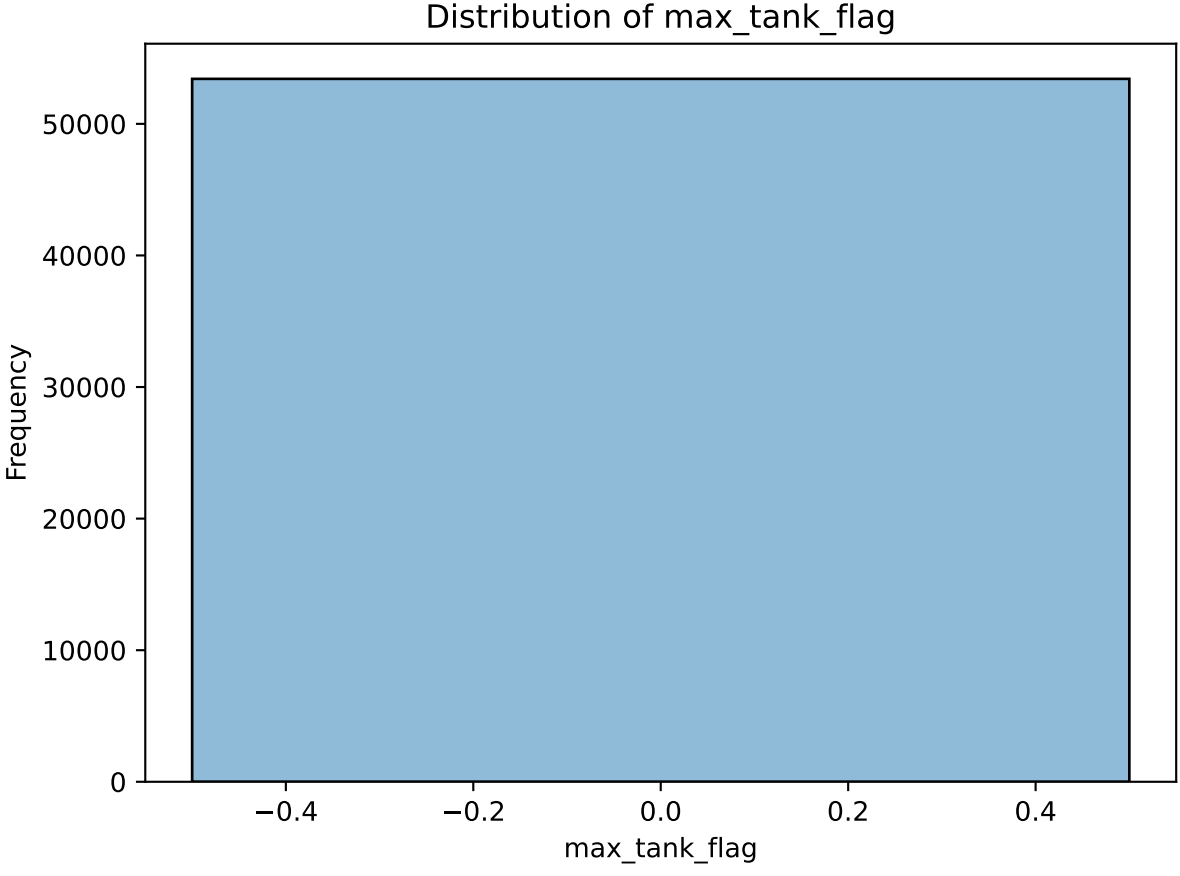

Distribution of target_dep_%_diff_from_dep
Frequency
80000
70000
60000
50000
40000
30000
20000
10000
0
0
20
40
60
80
target_dep_%_diff_from_dep

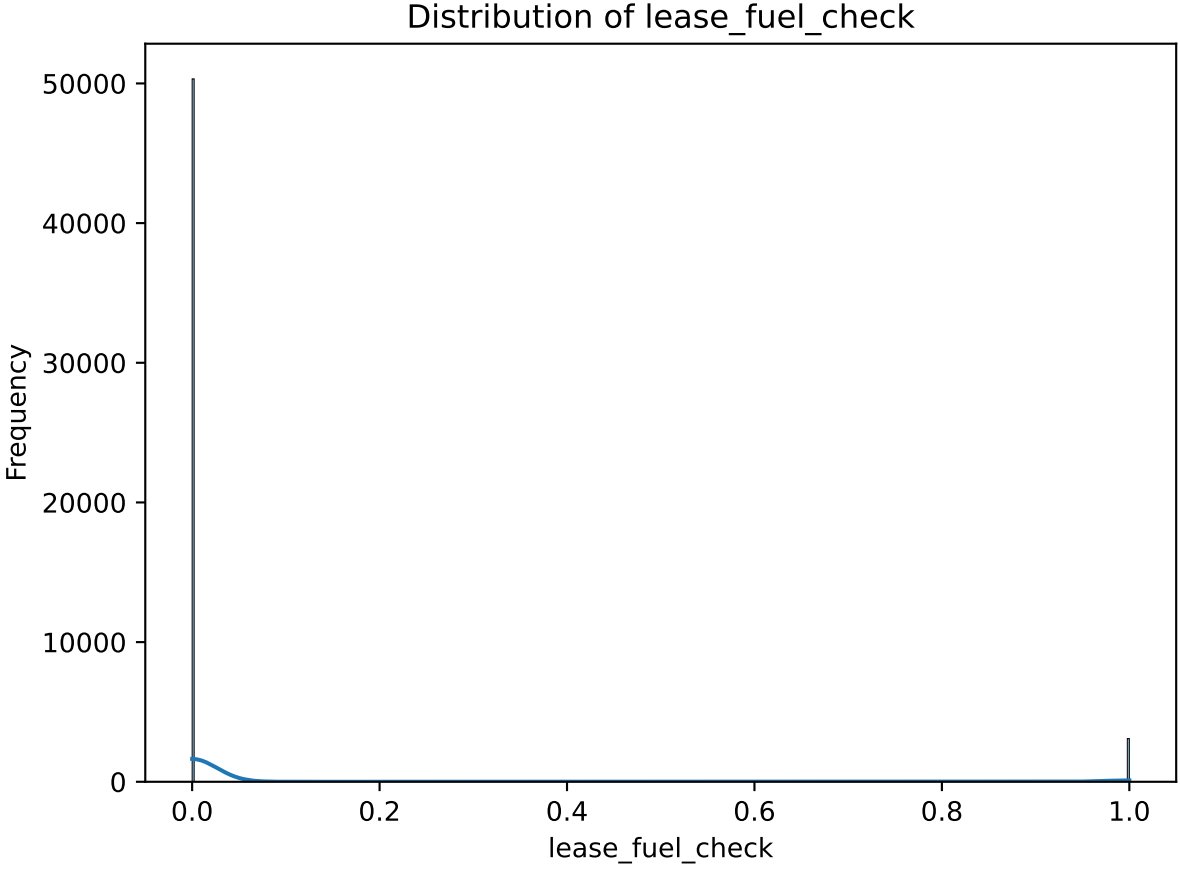

Distribution of continuity_(sort_first)
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
continuity_(sort_first)

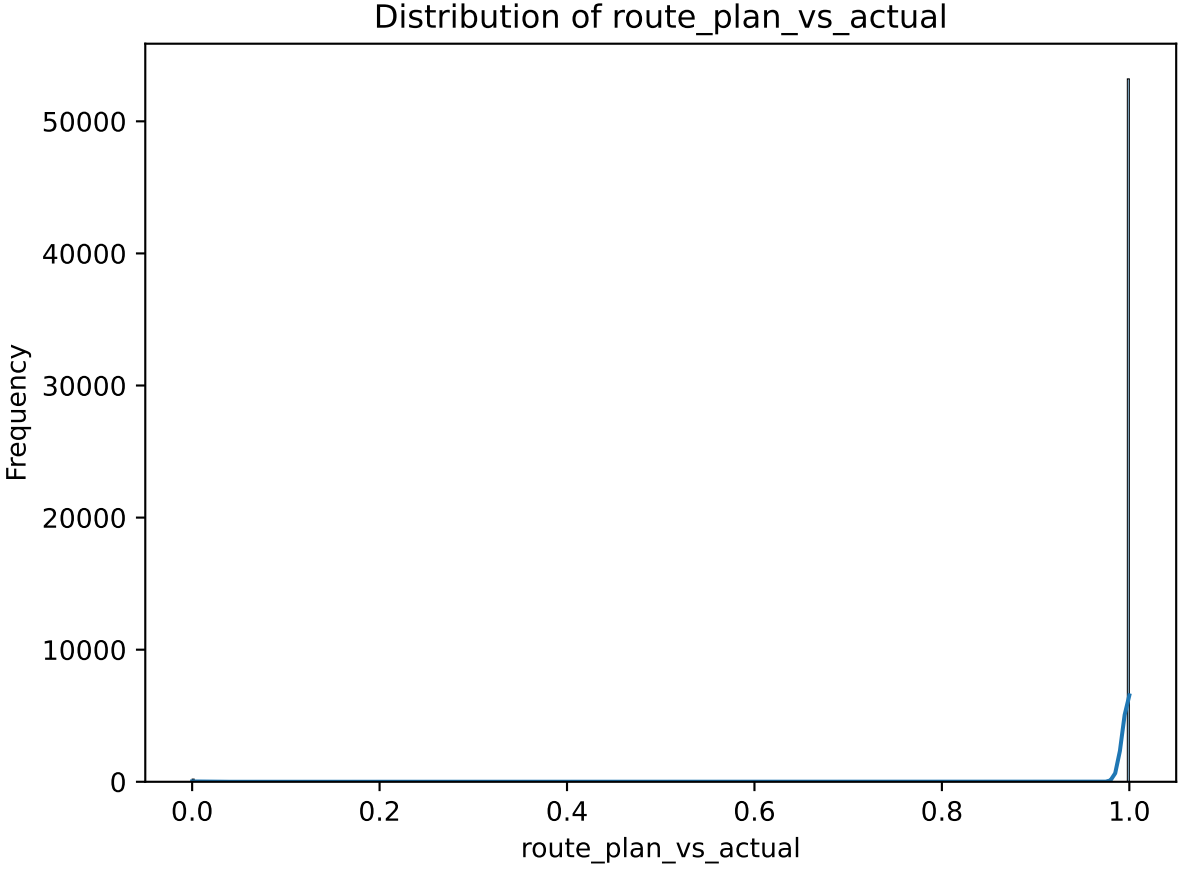

Distribution of continuity_flag1_(airport_code)
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
continuity_flag1_(airport_code)

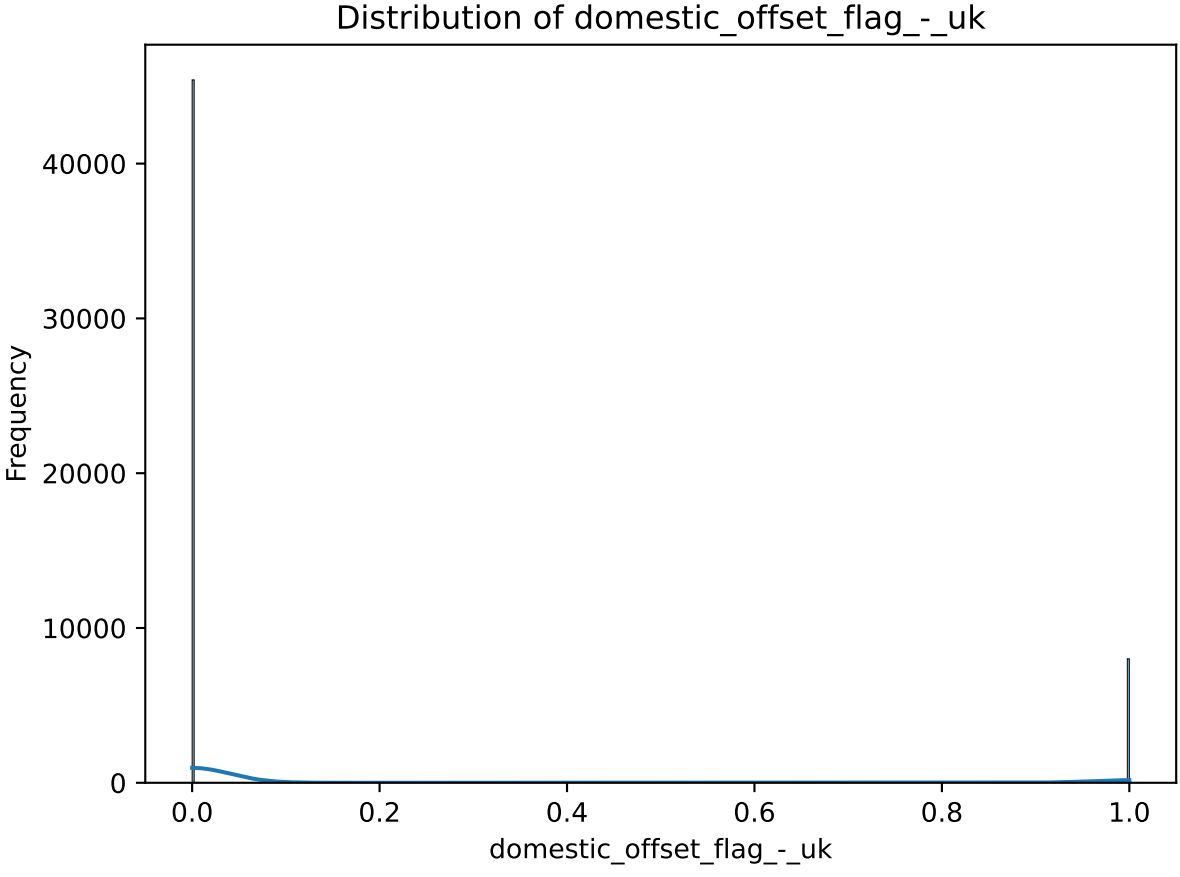

Distribution of continuity_flag2_(flight_no)
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
continuity_flag2_(flight_no)

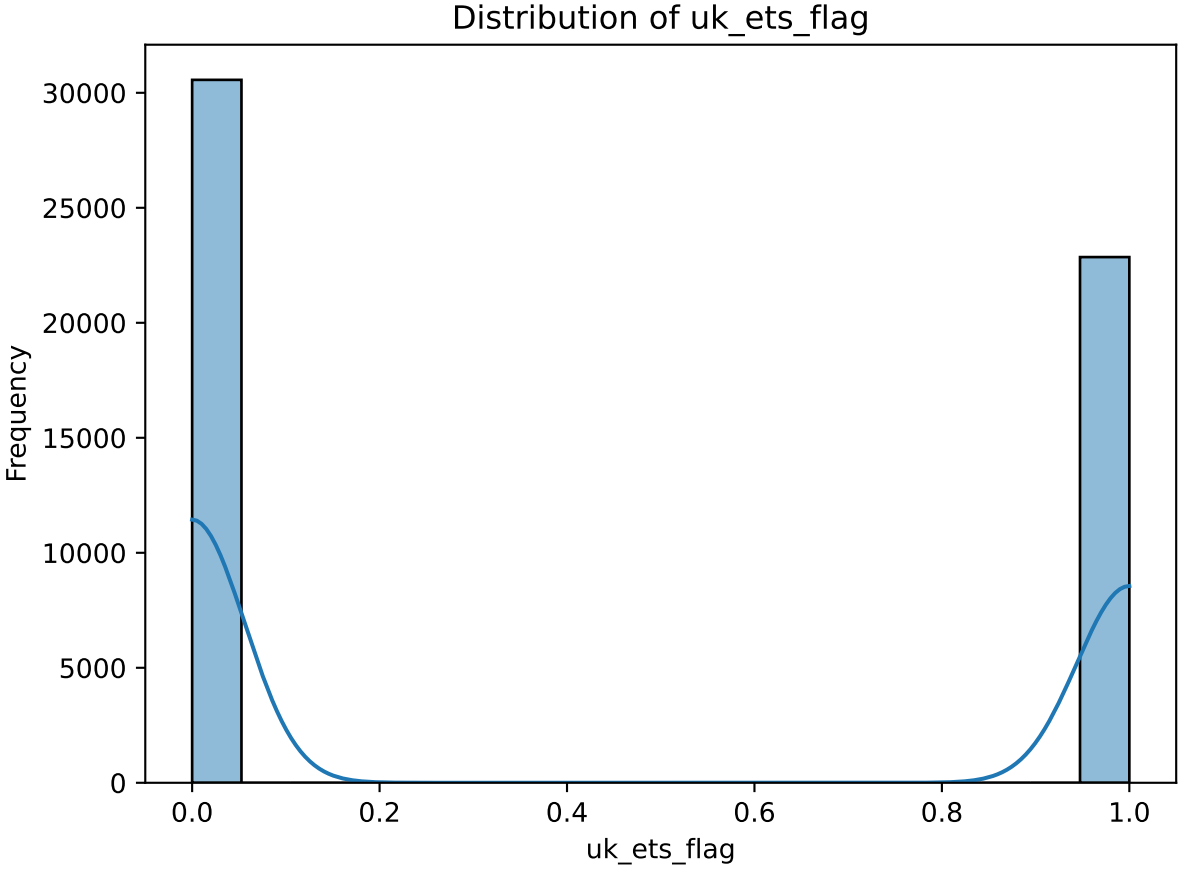

Distribution of burn_>_dep
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
burn_>_dep

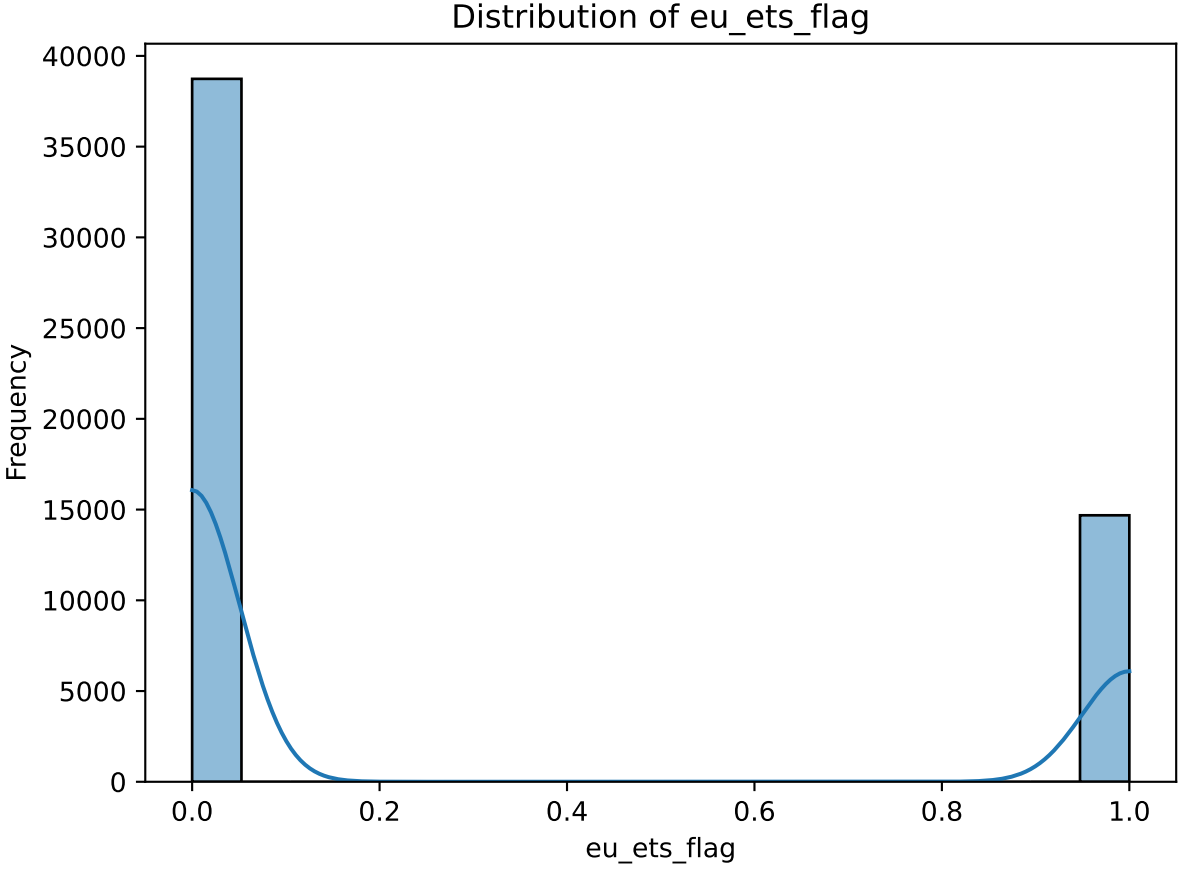

Distribution of max_tank_flag
Frequency
50000
40000
30000
20000
10000
0
−0.4
−0.2
0.0
0.2
0.4
max_tank_flag

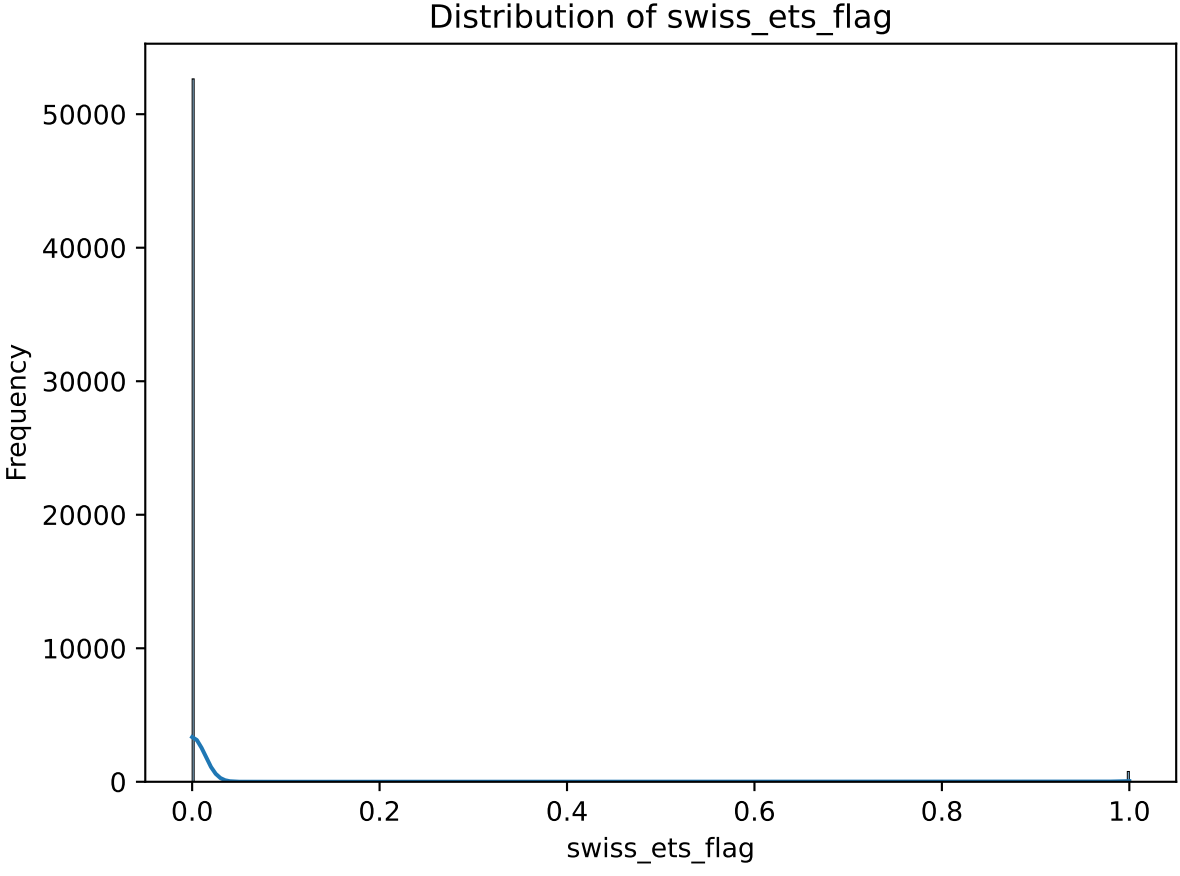

Distribution of lease_fuel_check
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
lease_fuel_check

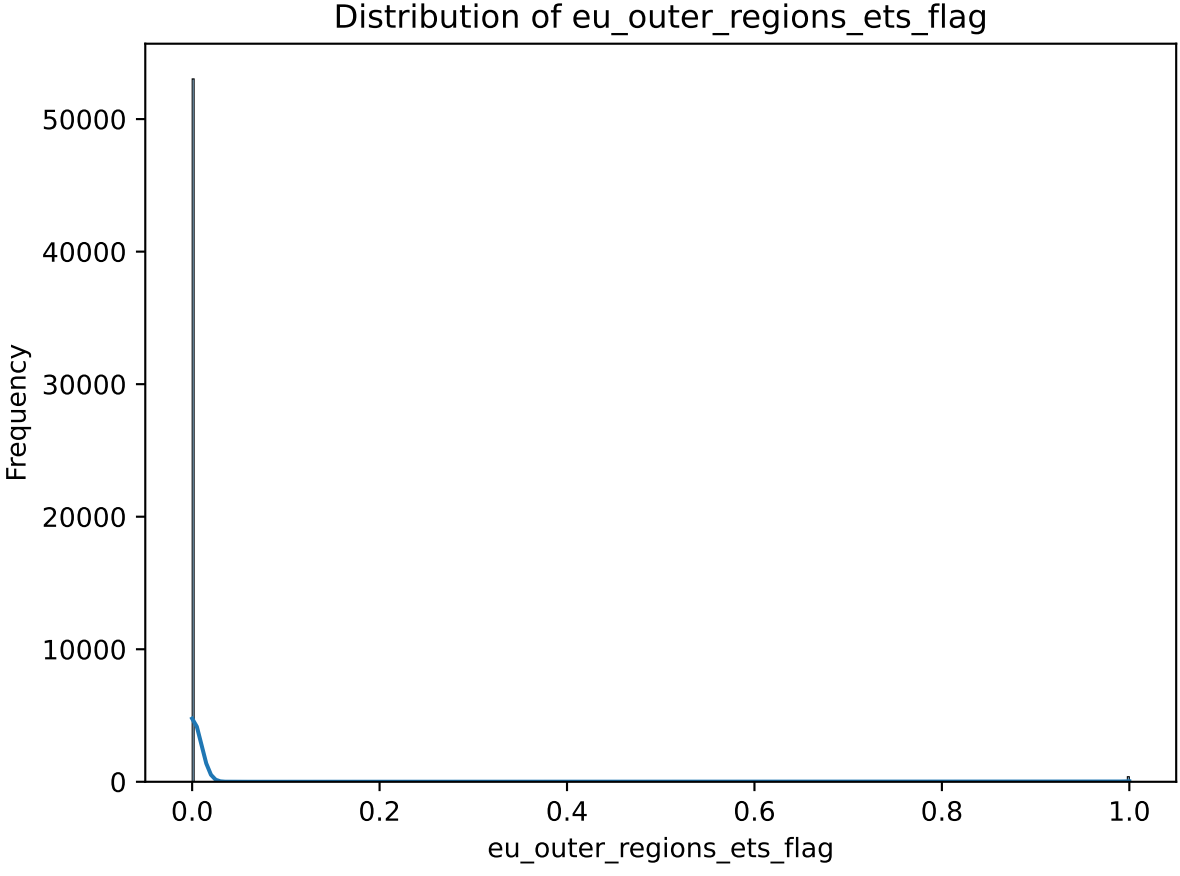

Distribution of route_plan_vs_actual
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
route_plan_vs_actual

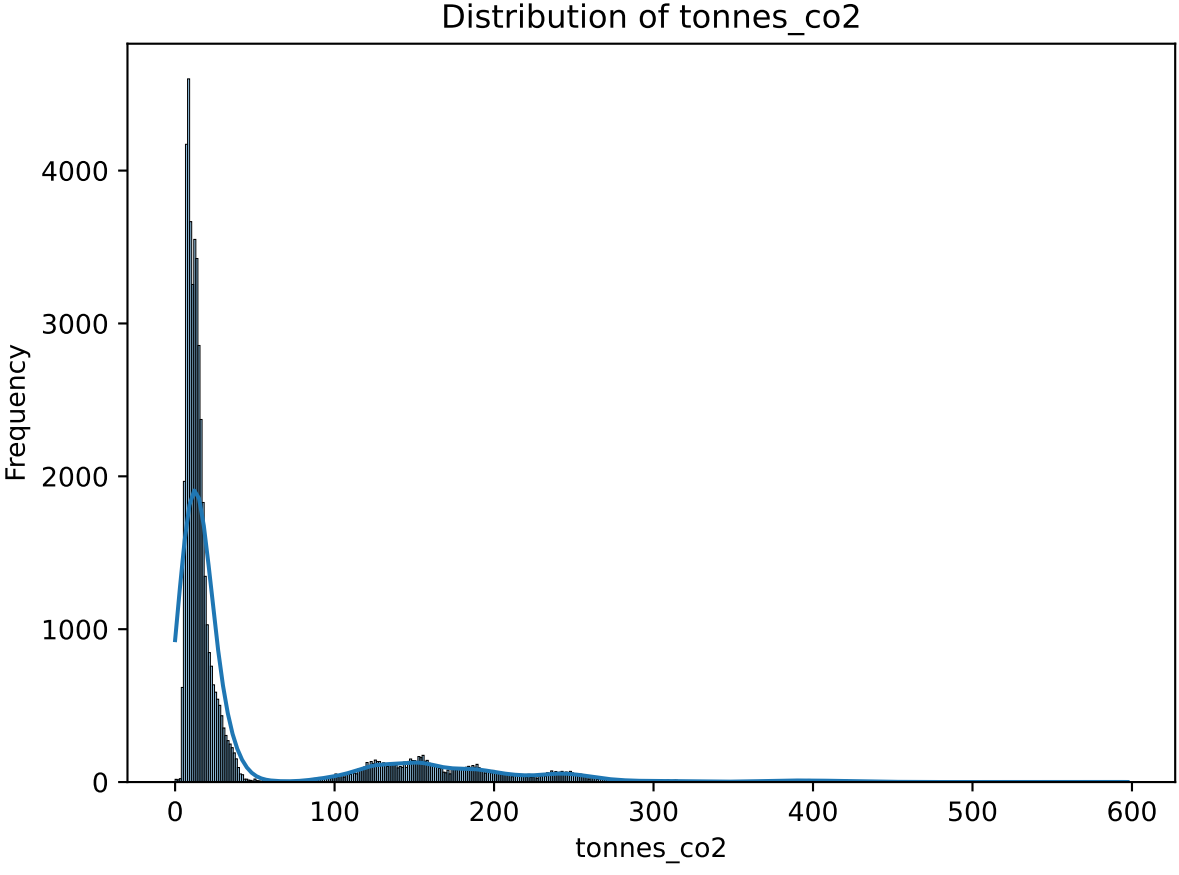

Distribution of domestic_offset_flag_-_uk
Frequency
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
domestic_offset_flag_-_uk


Distribution of uk_ets_flag
Frequency
30000
25000
20000
15000
10000
5000
0
0.0
0.2
0.4
0.6
0.8
1.0
uk_ets_flag


Distribution of eu_ets_flag
Frequency
40000
35000
30000
25000
20000
15000
10000
5000
0
0.0
0.2
0.4
0.6
0.8
1.0
eu_ets_flag


Distribution of swiss_ets_flag
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
swiss_ets_flag


Distribution of eu_outer_regions_ets_flag
Frequency
50000
40000
30000
20000
10000
0
0.0
0.2
0.4
0.6
0.8
1.0
eu_outer_regions_ets_flag


Distribution of tonnes_co2
Frequency
0
1000
2000
3000
4000
0
100
200
300
400
500
600
tonnes_co2