

# Report

1 February 2023, 13:11

Data folder C:\Users\marco\Desktop\wheellyj\data\kpis\

Report folder C:\Users\marco\Desktop\wheellyj\reports\Explorer\analog\

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Rewards

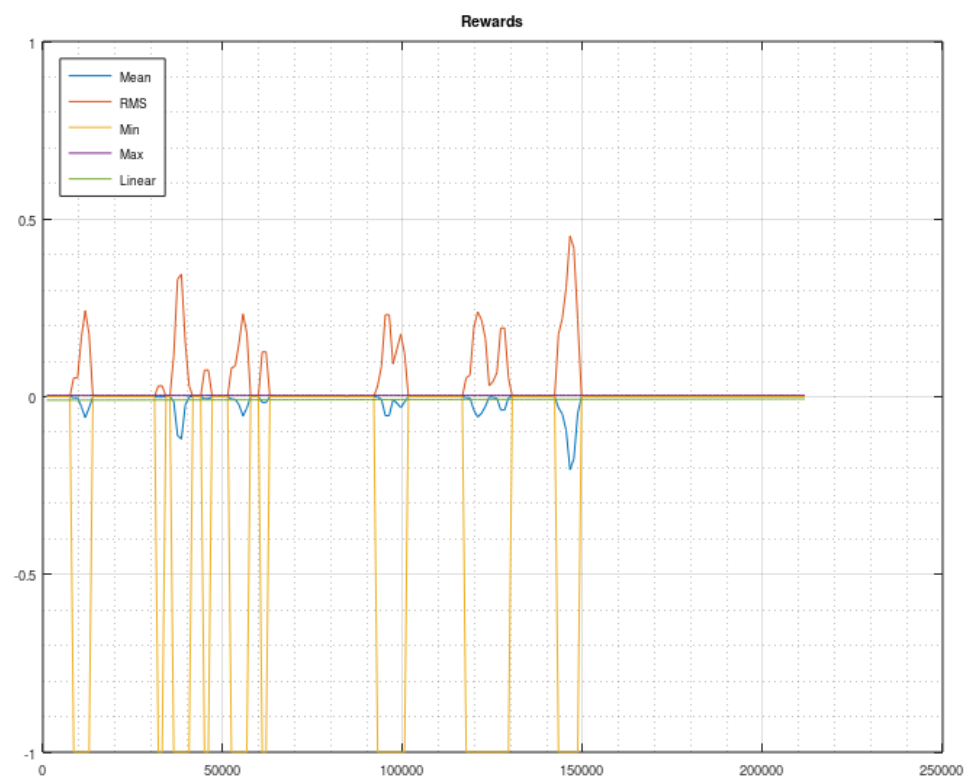
KPI	
Steps	213788
Mean	-0.00794
Sigma	0.0892
RMS	0.0896
Min	-1
Median	0
Max	0.00421
Trend	Linear
From	-0.00974
To	-0.00613

-0.954	-0.863	-0.772	-0.68	-0.589	-0.498	-0.407	-0.315	-0.224	-0.133	-0.0414
1716	0	0	0	0	0	0	0	0	0	212072

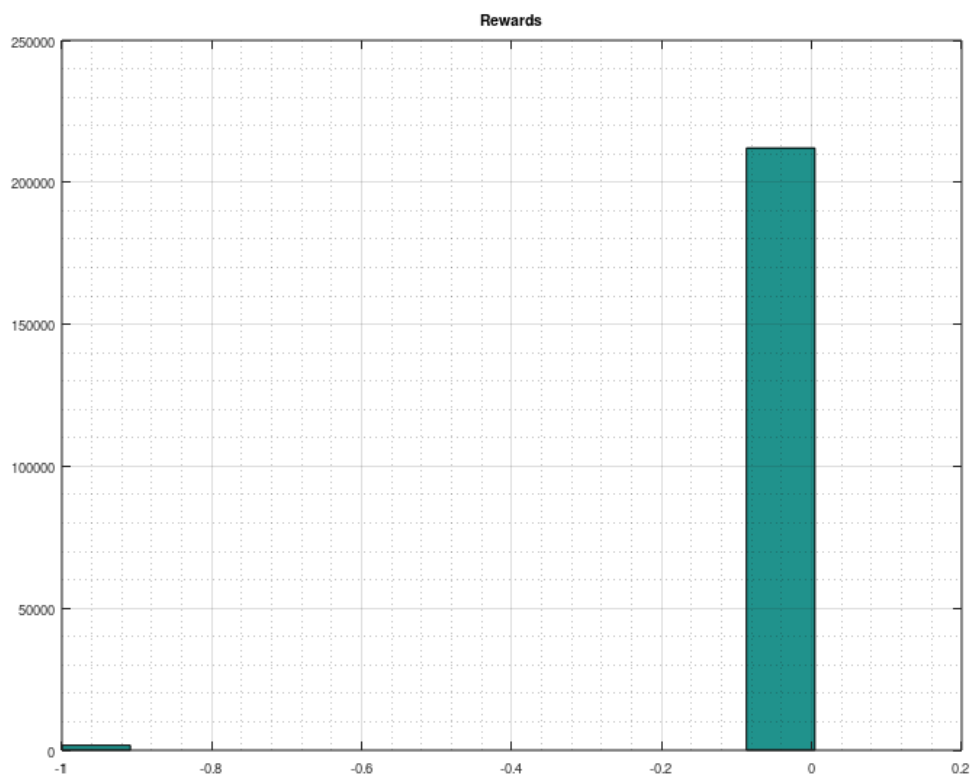
Rewards notes

[Notes]

# Rewards chart



# Rewards histogram



# Delta

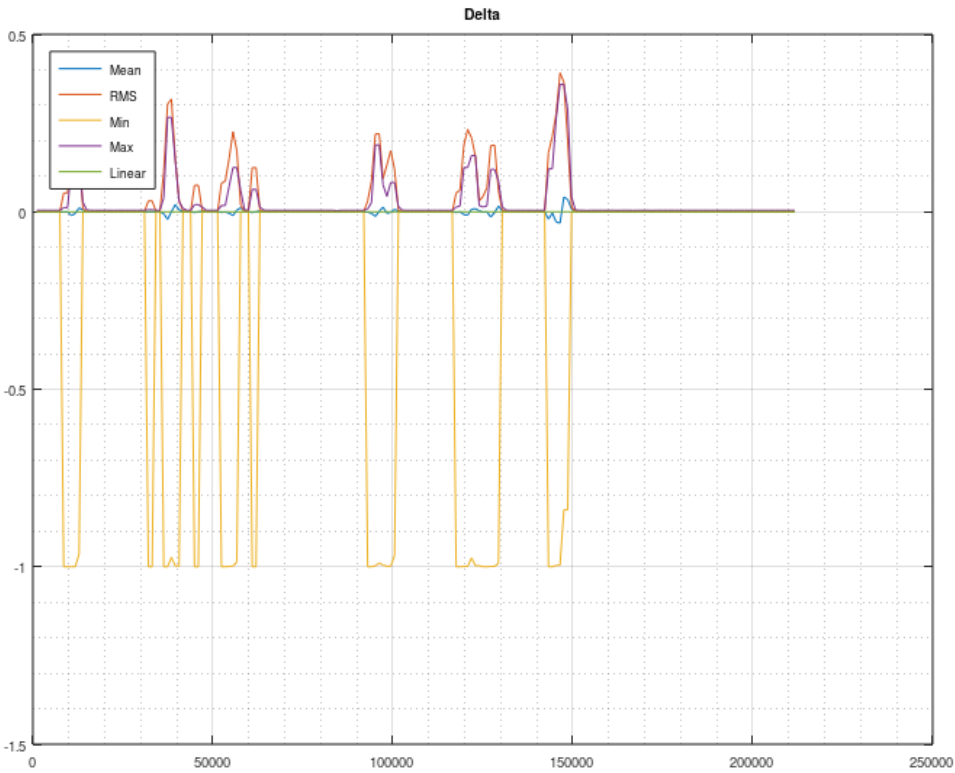
KPI	
Steps	213788
Mean	1.59e-07
Sigma	0.0837
RMS	0.0837
Min	-1
Median	-6.95e-05
Max	0.359
Trend	Linear
From	-8.94e-05
To	8.98e-05

-0.938	-0.815	-0.691	-0.568	-0.444	-0.32	-0.197	-0.0734	0.0502	0.174	0.297
1024	386	306	0	0	0	0	0	208626	2534	912

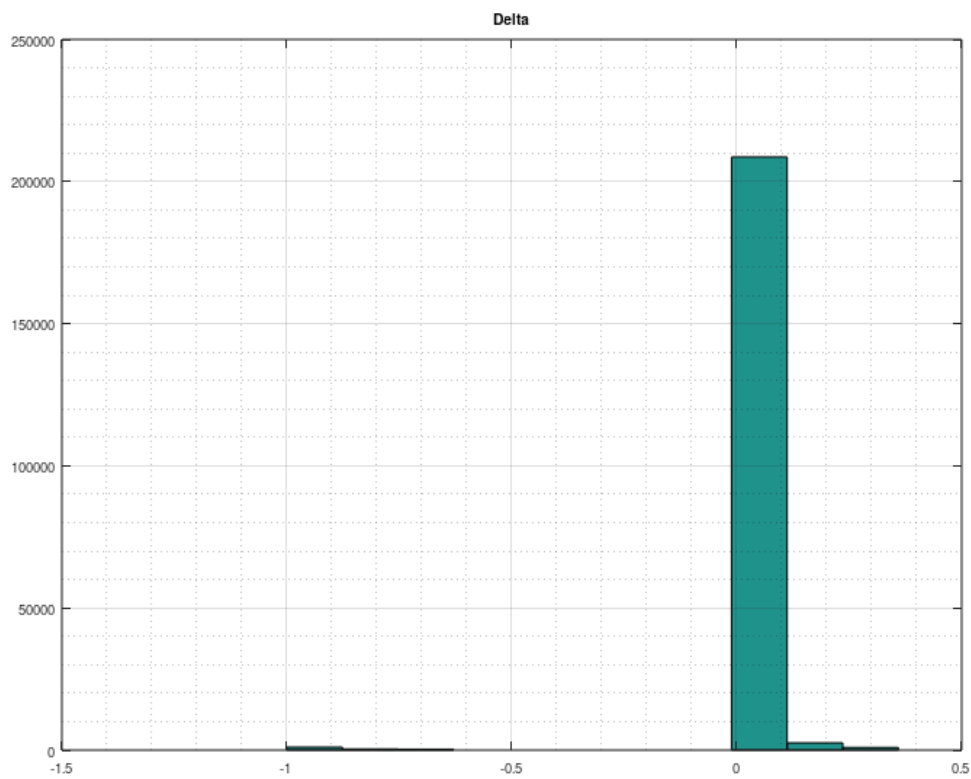
## Delta notes

[Notes]

## Delta chart



Delta histogram



Discount 0.999 rewards

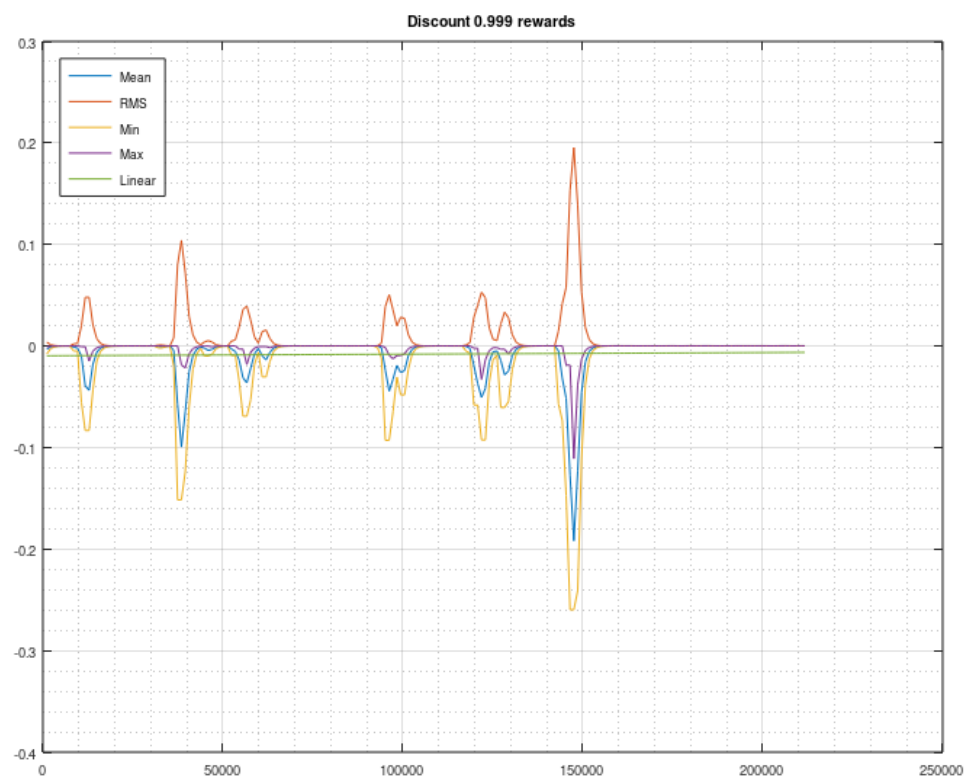
KPI	
Steps	213788
Mean	-0.00798
Sigma	0.0253
RMS	0.0265
Min	-0.26
Median	6.1e-05
Max	0.000169
Trend	Linear
From	-0.00967
To	-0.00628

-0.248	-0.224	-0.201	-0.177	-0.153	-0.13	-0.106	-0.0825	-0.0589	-0.0353	-0.0116
241	484	524	281	484	769	1014	1841	4811	10914	192425

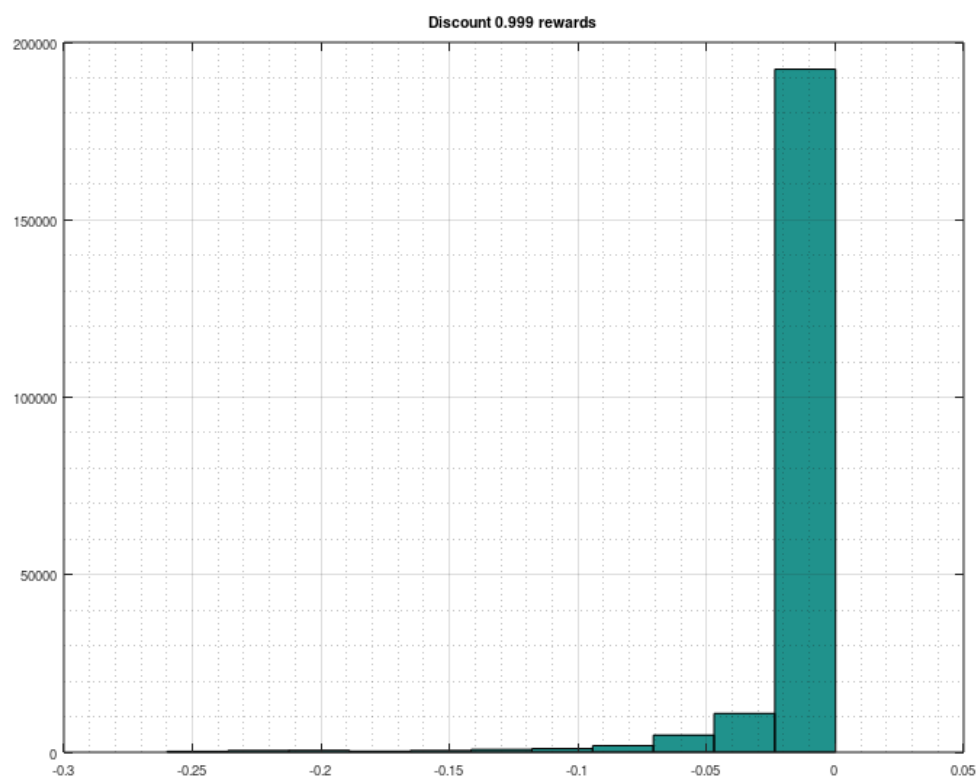
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



Direction max prob.

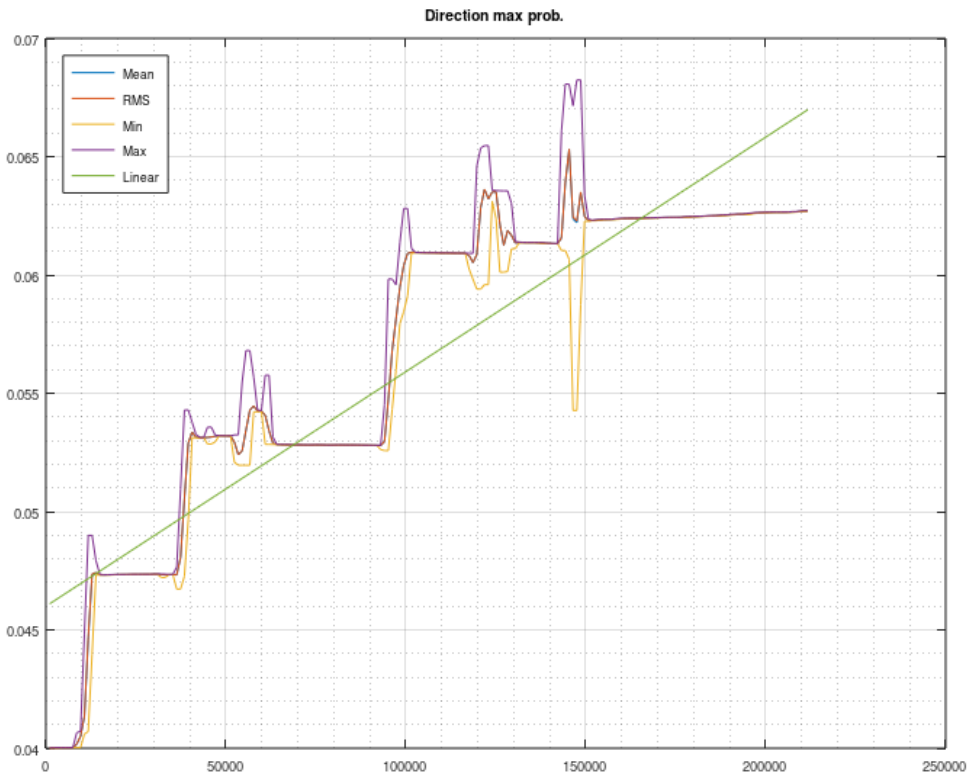
KPI	
Steps	213788
Mean	0.0566
Sigma	0.00676
RMS	0.057
Min	0.04
Median	0.0609
Max	0.0682
Trend	Linear
From	0.046
To	0.0672

0.0413	0.0439	0.0464	0.049	0.0516	0.0541	0.0567	0.0593	0.0618	0.0644	0.067
11374	654	24636	1832	34064	22618	1870	5454	102906	7428	952

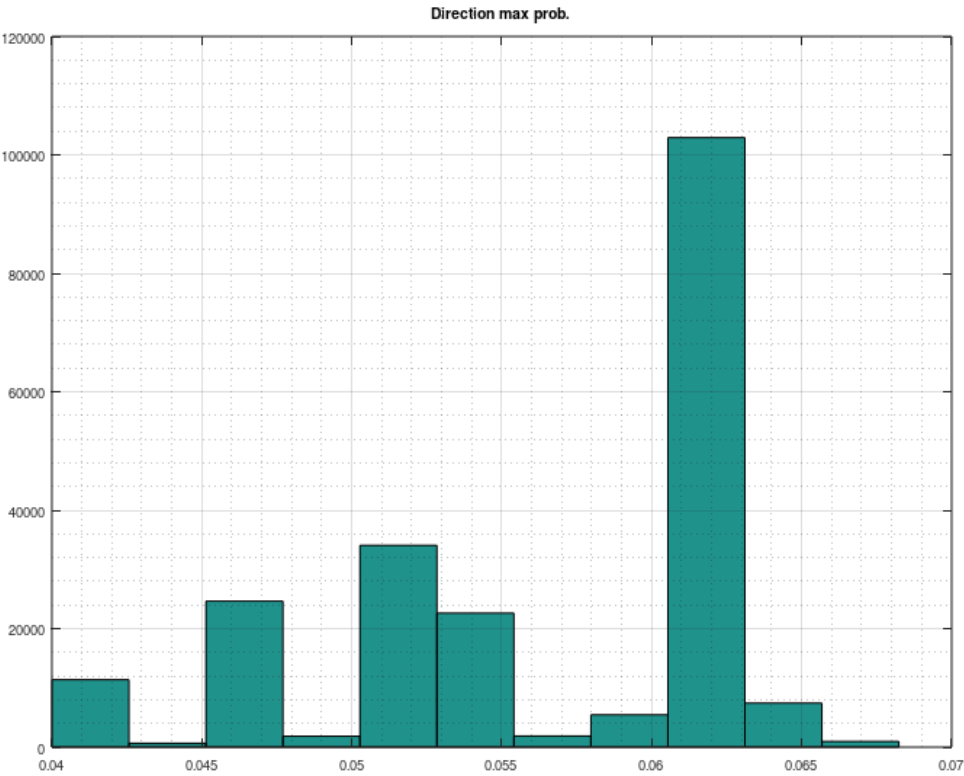
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

KPI										
Steps										
Mean										
Sigma										
RMS										
Min										
Median										
Max										
Trend										
From										
To										

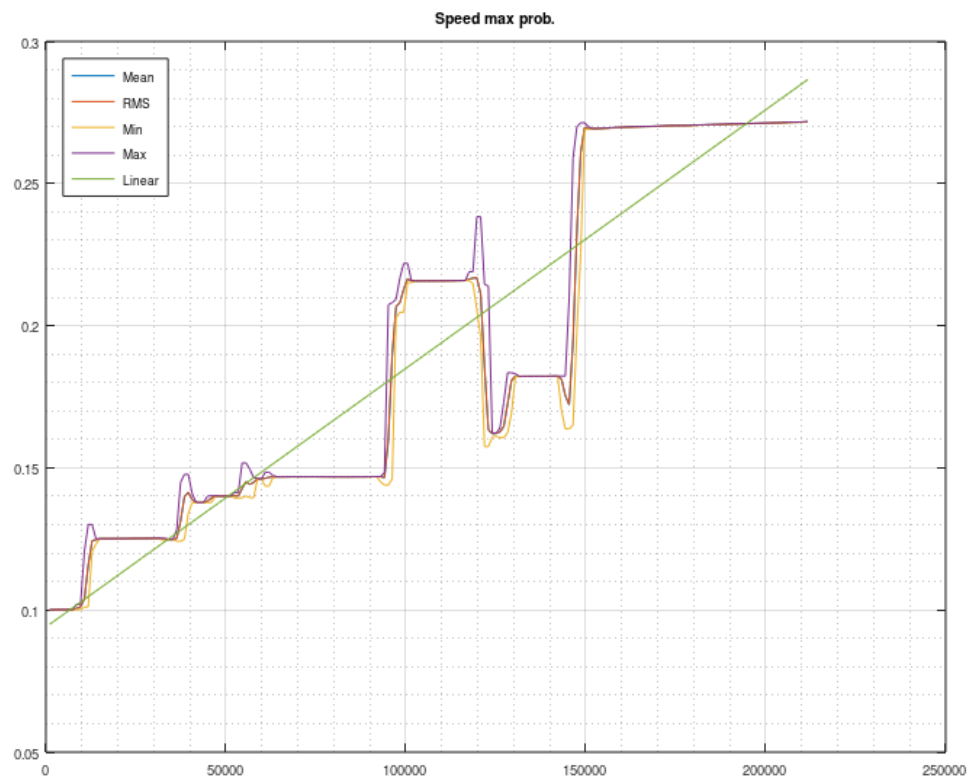
0.108	0.123	0.139	0.155	0.17	0.186	0.202	0.217	0.233	0.248	0.264
11456	26058	50112	12206	4706	15622	5464	21518	392	702	65552

Speed max prob. notes

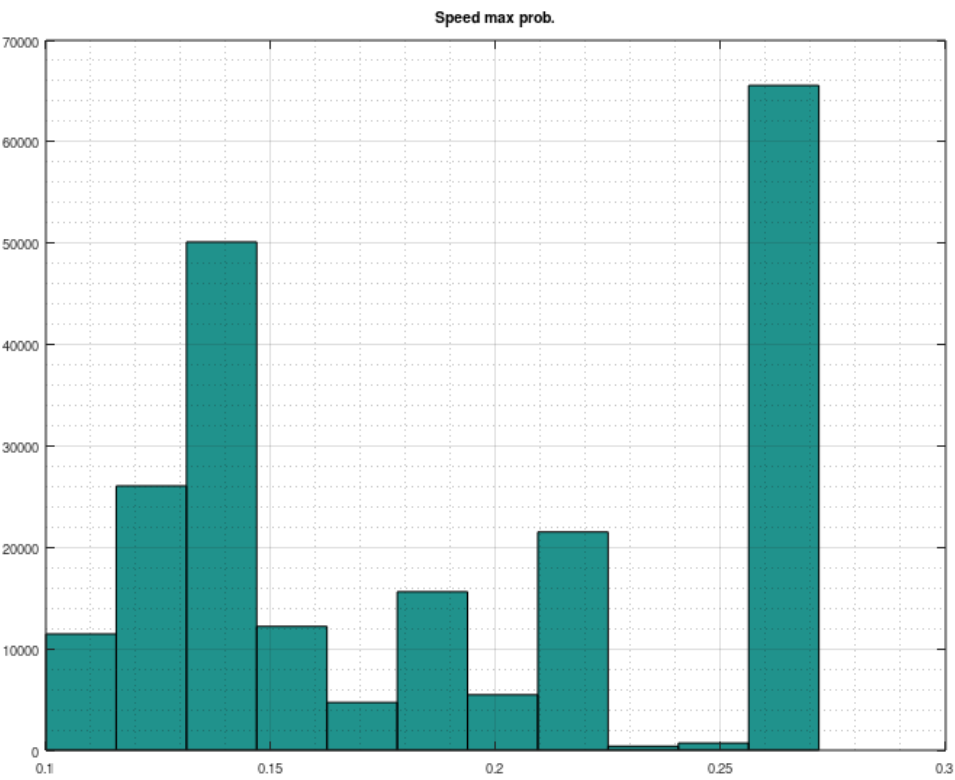
[Notes]



Speed max prob. chart



Speed max prob. histogram



Sensor direction max prob.

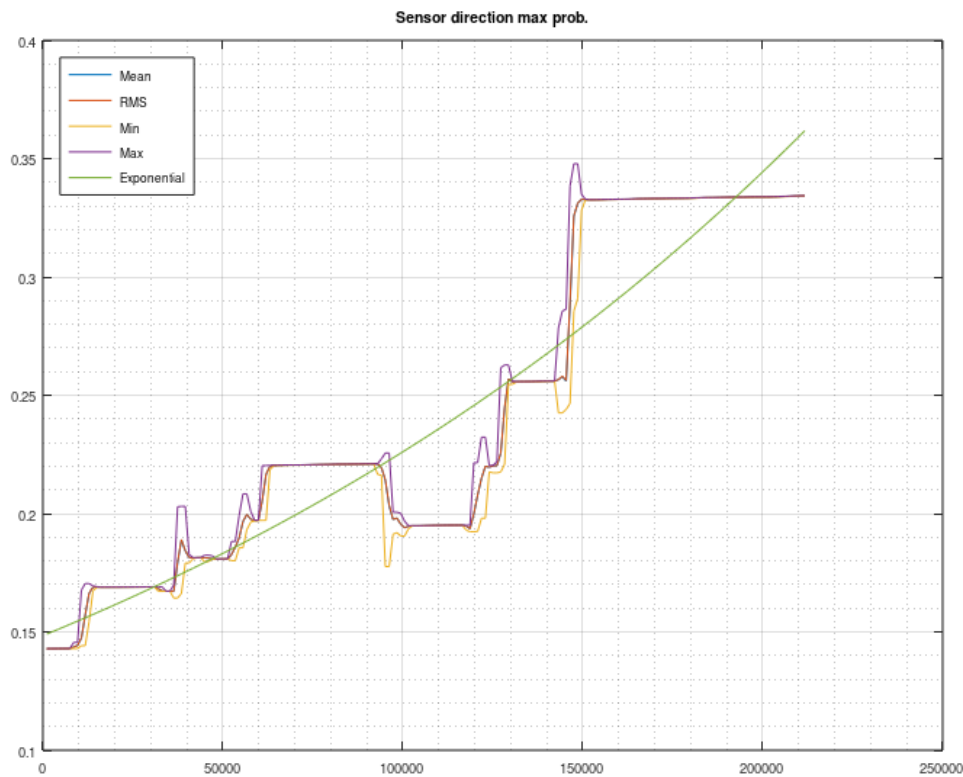
KPI	
Steps	213788
Mean	0.242
Sigma	0.0672
RMS	0.251
Min	0.143
Median	0.221
Max	0.348
Trend	Exponential
From	0.148
To	0.365

0.152	0.171	0.189	0.208	0.227	0.245	0.264	0.283	0.301	0.32	0.339
12034	25796	45190	5030	39976	1504	16582	356	144	1326	65850

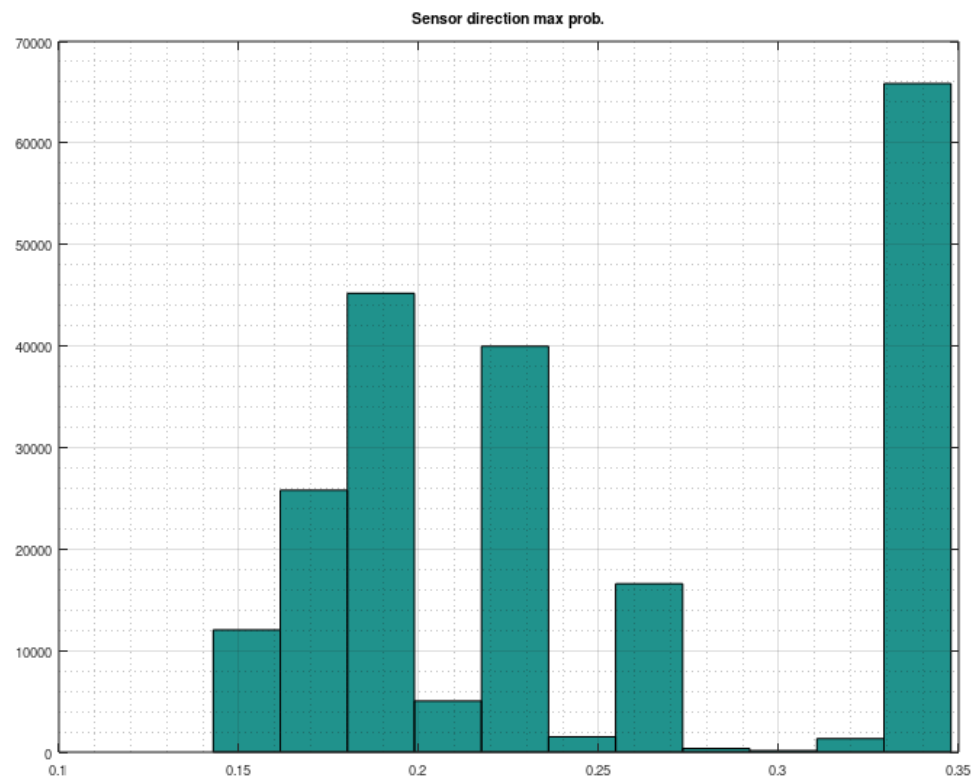
Sensor direction max prob. notes

[Notes]

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta direction prob.

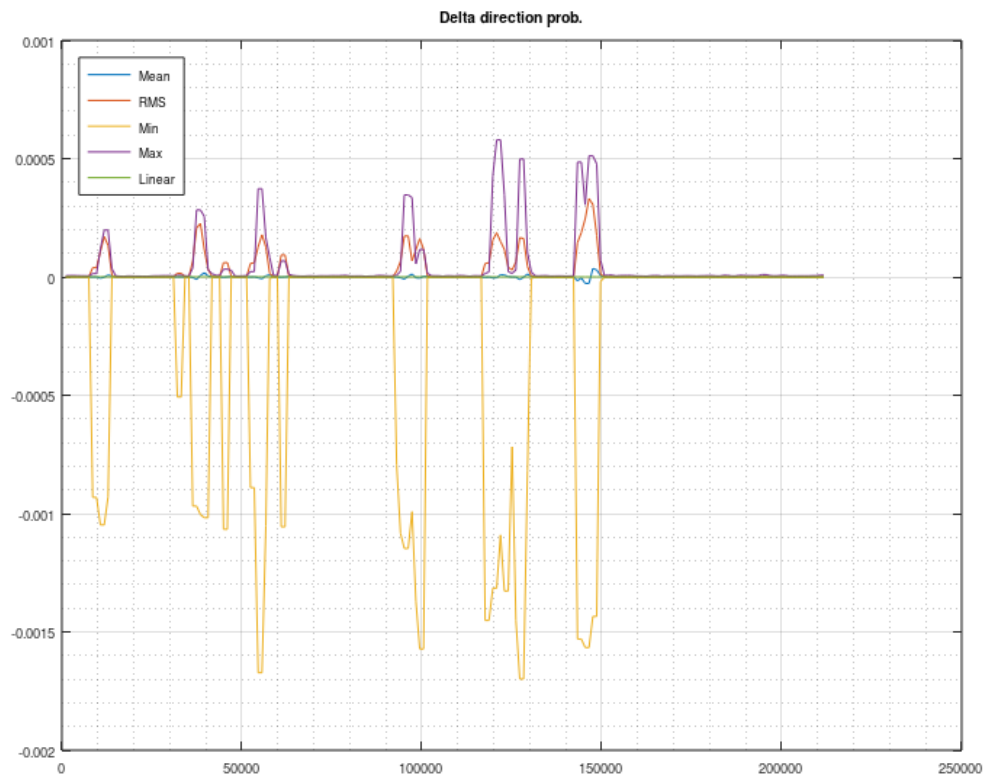
KPI	
Steps	213788
Mean	1.39e-07
Sigma	6.74e-05
RMS	6.74e-05
Min	-0.0017
Median	-4.7e-08
Max	0.000579
Trend	Linear
From	3.07e-07
To	-2.78e-08

-0.0016	-0.00139	-0.00118	-0.000974	-0.000767	-0.00056	-0.000353	-0.000146	6.14e-05	0.000269	0.000476
12	20	60	186	454	684	264	102	210848	1102	56

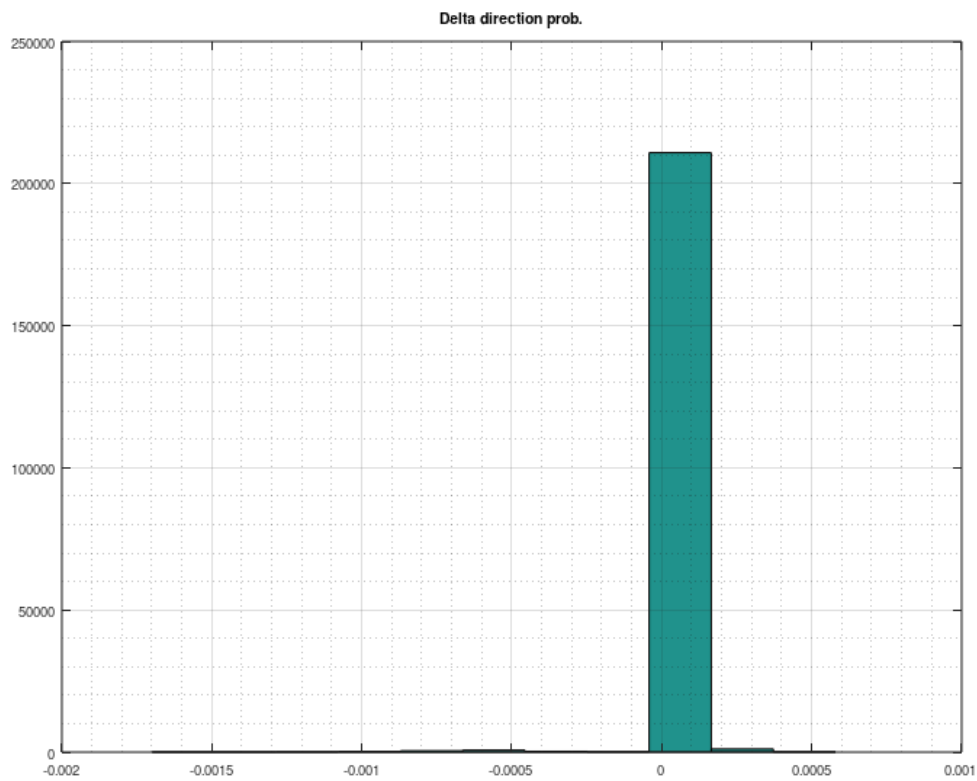
# Delta direction prob. notes

[Notes]

## Delta direction prob. chart



Delta direction prob. histogram



Delta speed prob.

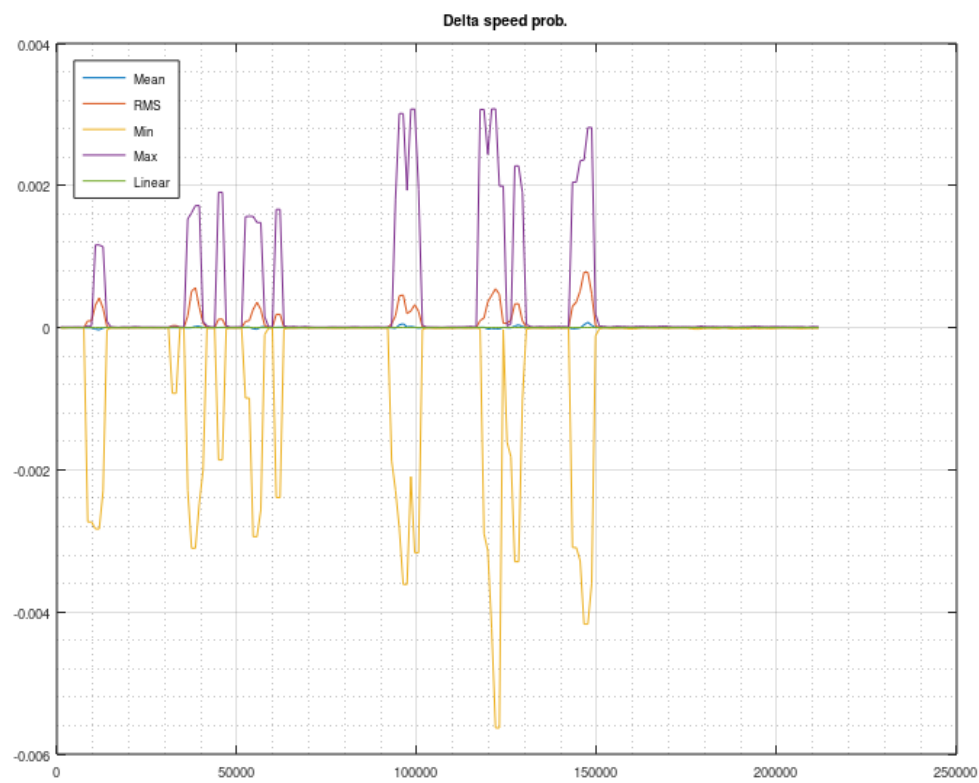
KPI	
Steps	213788
Mean	1.35e-06
Sigma	0.000161
RMS	0.000161
Min	-0.00563
Median	-6e-08
Max	0.00308
Trend	Linear
From	4.99e-07
To	2.2e-06

-0.00524	-0.00444	-0.00365	-0.00286	-0.00207	-0.00128	-0.000485	0.000307	0.0011	0.00189	0.00268
4	8	20	92	276	612	2514	209496	486	236	44

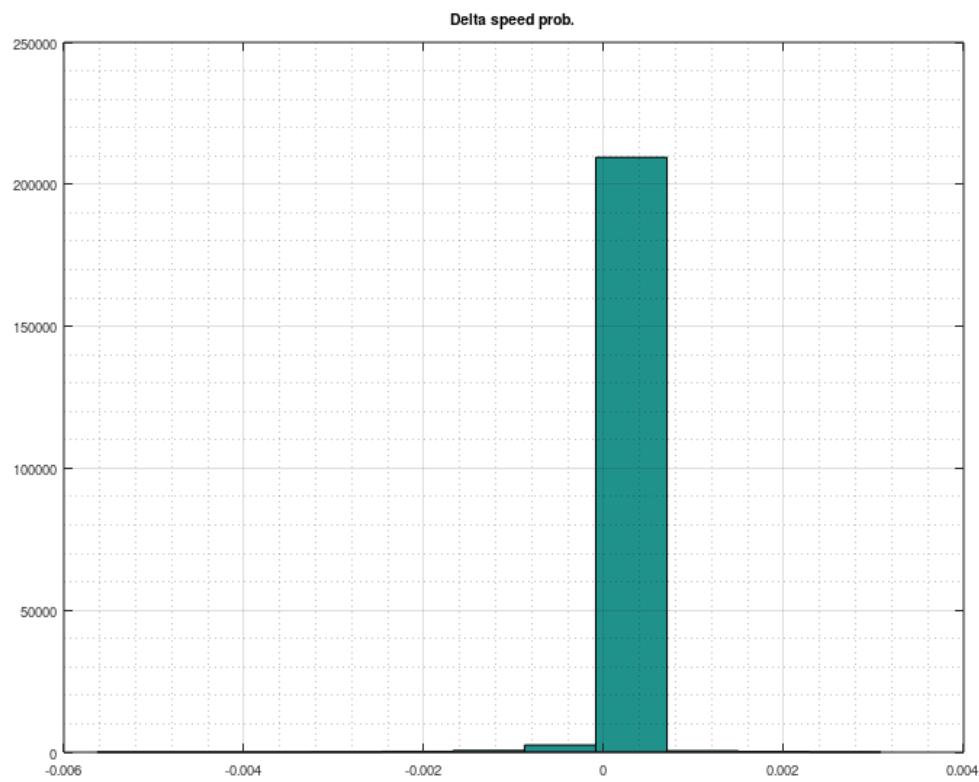
Delta speed prob. notes

[Notes]

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

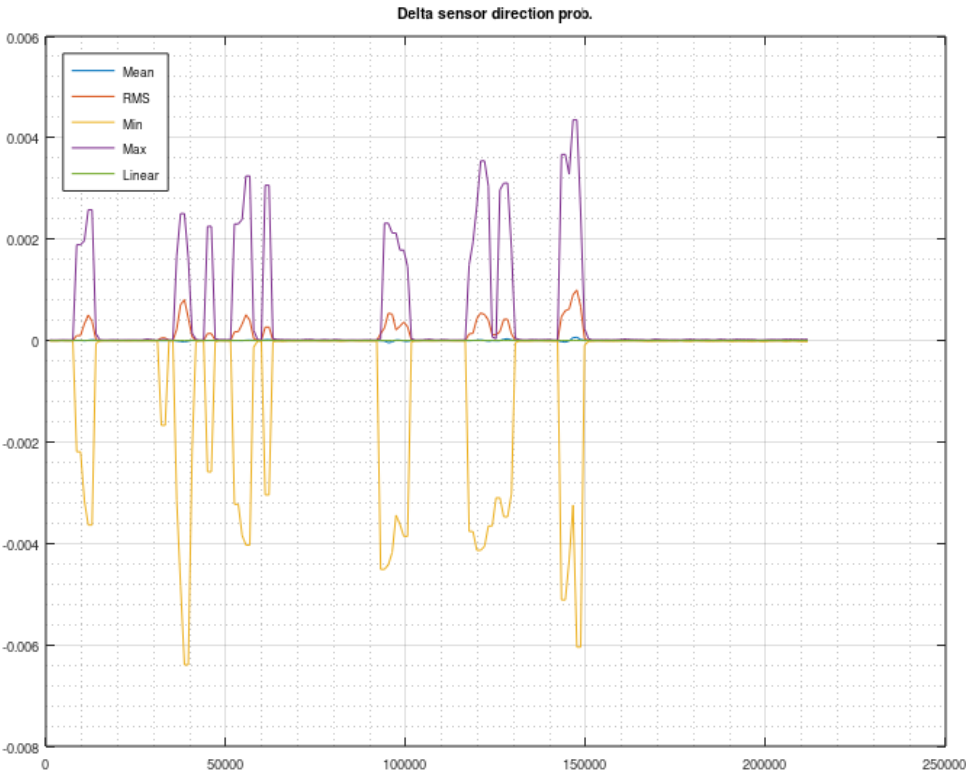
KPI	
Steps	213788
Mean	5.87e-07
Sigma	0.000203
RMS	0.000203
Min	-0.0064
Median	-7e-08
Max	0.00435
Trend	Linear
From	-6.68e-08
To	1.24e-06

-0.00591	-0.00493	-0.00395	-0.00298	-0.002	-0.00102	-4.47e-05	0.000932	0.00191	0.00289	0.00386
8	18	62	166	452	616	210908	1130	318	90	20

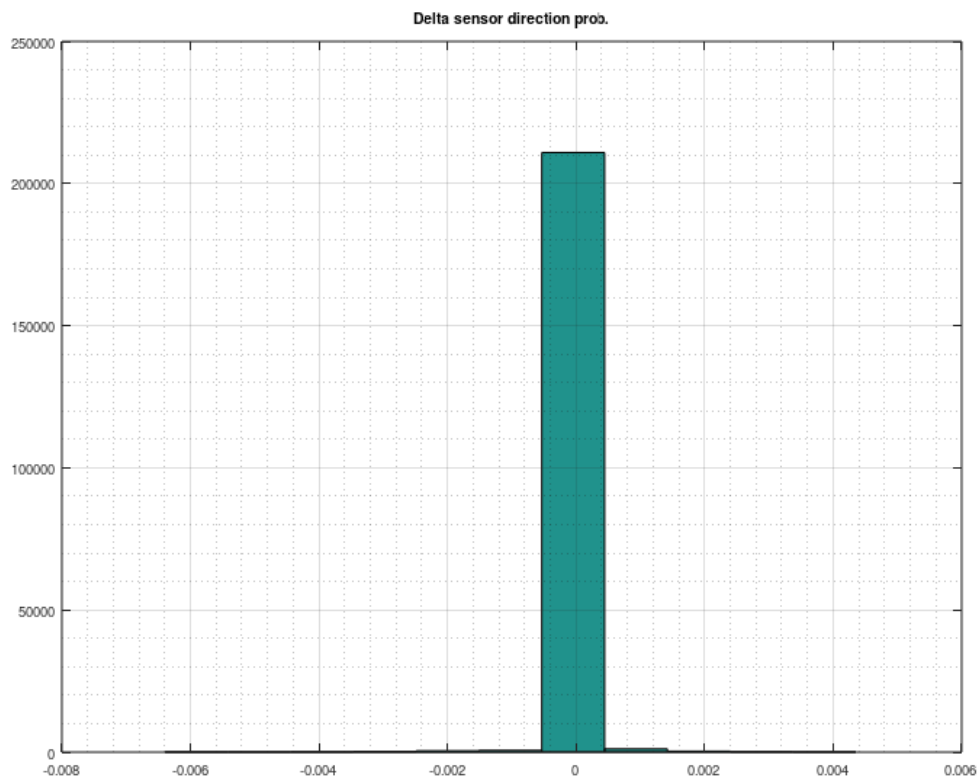
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

KPI	
Steps	213788
Mean	-0.0171
Sigma	0.0563
RMS	0.0588
Min	-0.633
Median	-0.00305
Max	0.000127
Trend	Linear
From	-0.0167
To	-0.0174

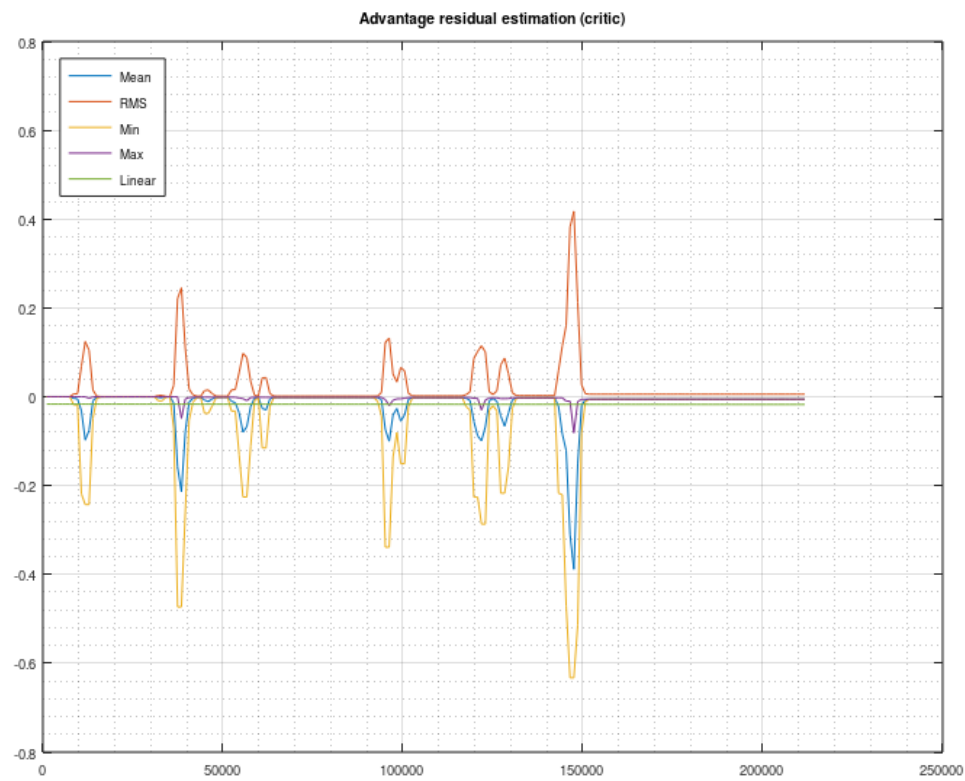
-0.604	-0.546	-0.489	-0.431	-0.374	-0.316	-0.259	-0.201	-0.144	-0.0862	-0.0286
156	364	360	536	542	540	632	2526	2594	6418	199120

Advantage residual estimation (critic) notes

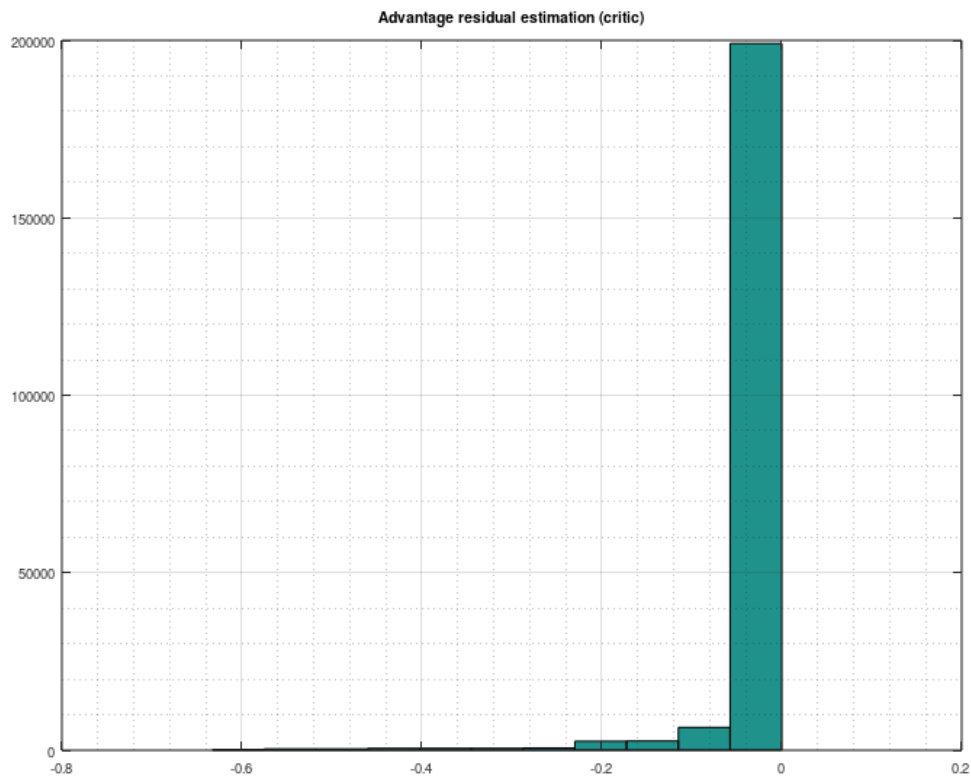
[Notes]



# Advantage residual estimation (critic) chart



# Advantage residual estimation (critic) histogram



Delta Advantage residual estimation (critic)

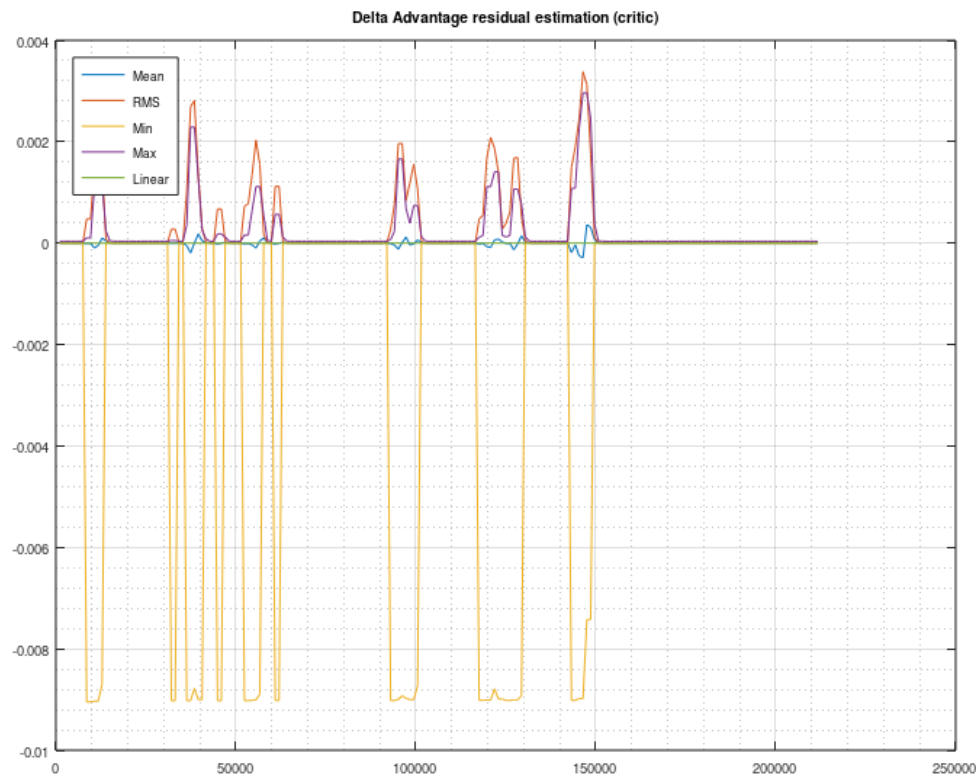
KPI	
Steps	213788
Mean	-5.37e-08
Sigma	0.000743
RMS	0.000743
Min	-0.00905
Median	-6.26e-07
Max	0.00296
Trend	Linear
From	-8.49e-07
To	7.42e-07

-0.0085	-0.00741	-0.00632	-0.00523	-0.00413	-0.00304	-0.00195	-0.000857	0.000235	0.00133	0.00242
918	386	340	72	0	0	0	0	206864	4090	1118

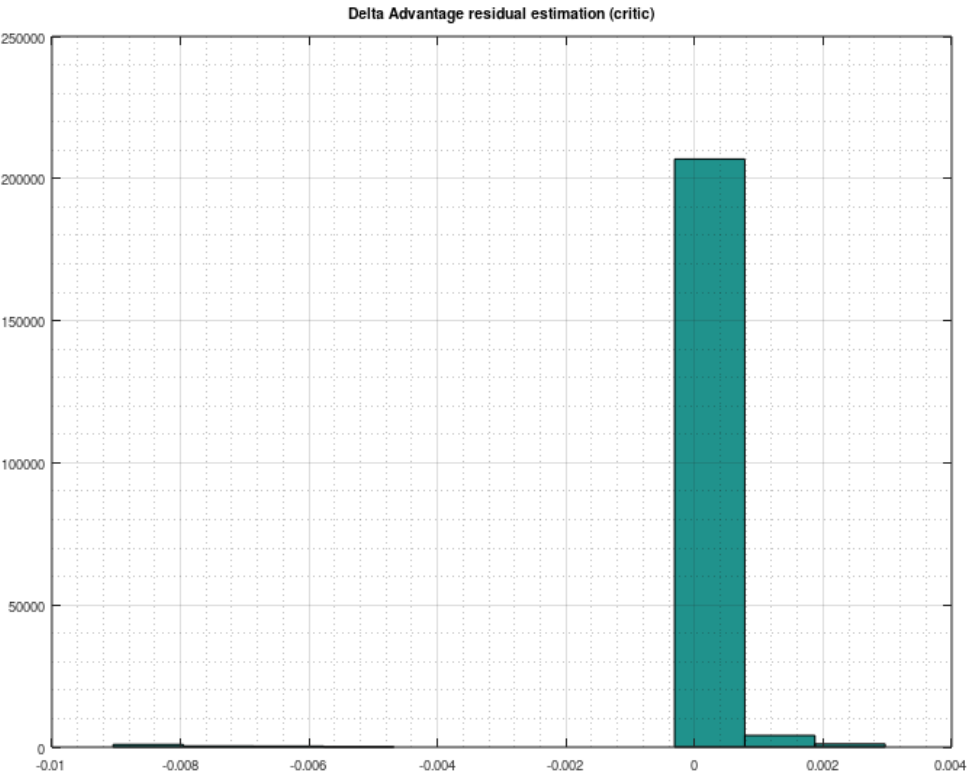
Delta Advantage residual estimation (critic) notes

[Notes]

Delta Advantage residual estimation (critic) chart



Delta Advantage residual estimation (critic) histogram



Avg Rewards

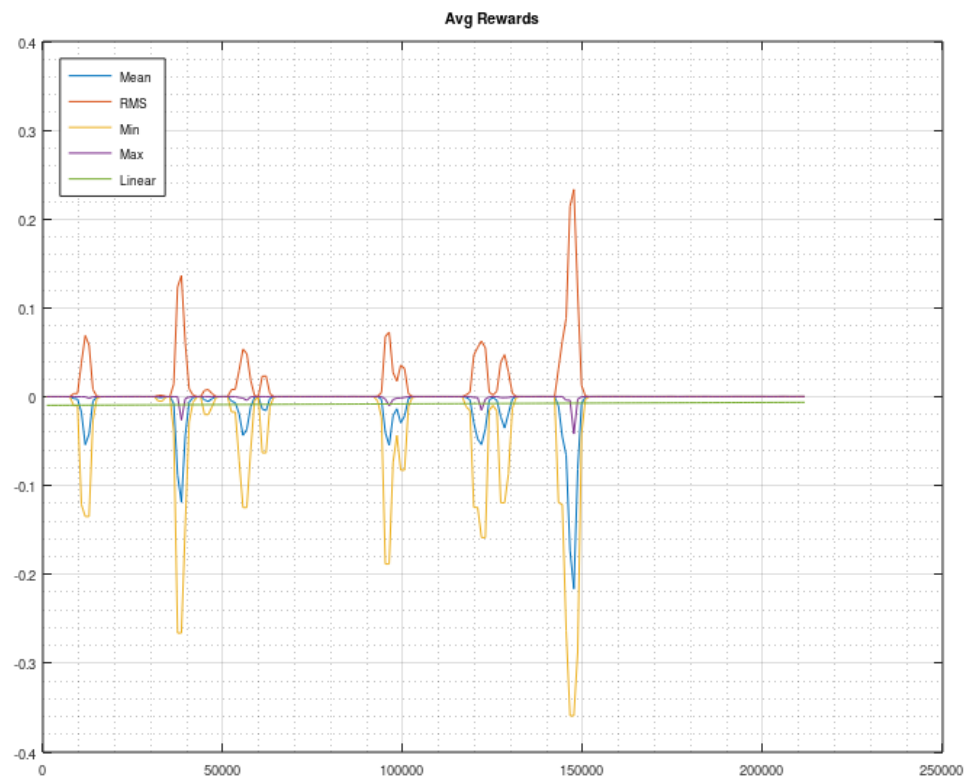
KPI	
Steps	213788
Mean	-0.00794
Sigma	0.0316
RMS	0.0326
Min	-0.359
Median	7.27e-05
Max	0.000222
Trend	Linear
From	-0.00966
To	-0.00622

-0.343	-0.31	-0.277	-0.245	-0.212	-0.179	-0.147	-0.114	-0.0815	-0.0488	-0.0161
152	332	342	522	518	582	600	2336	2578	6230	199596

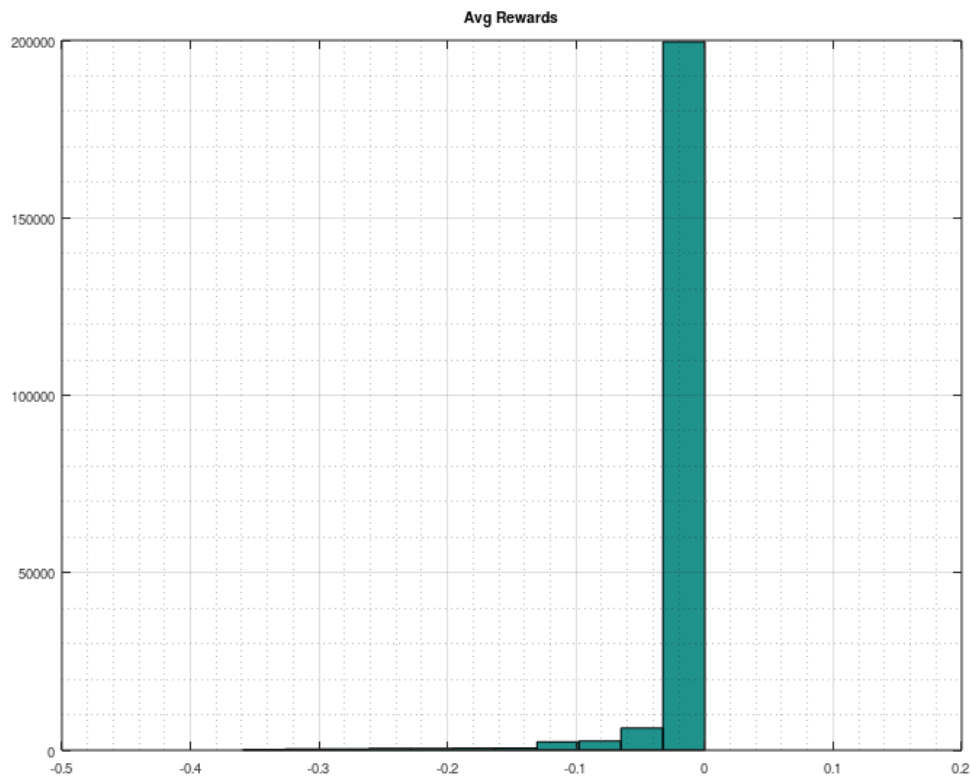
Avg Rewards notes

[Notes]

# Avg Rewards chart



# Avg Rewards histogram



# Direction gradient

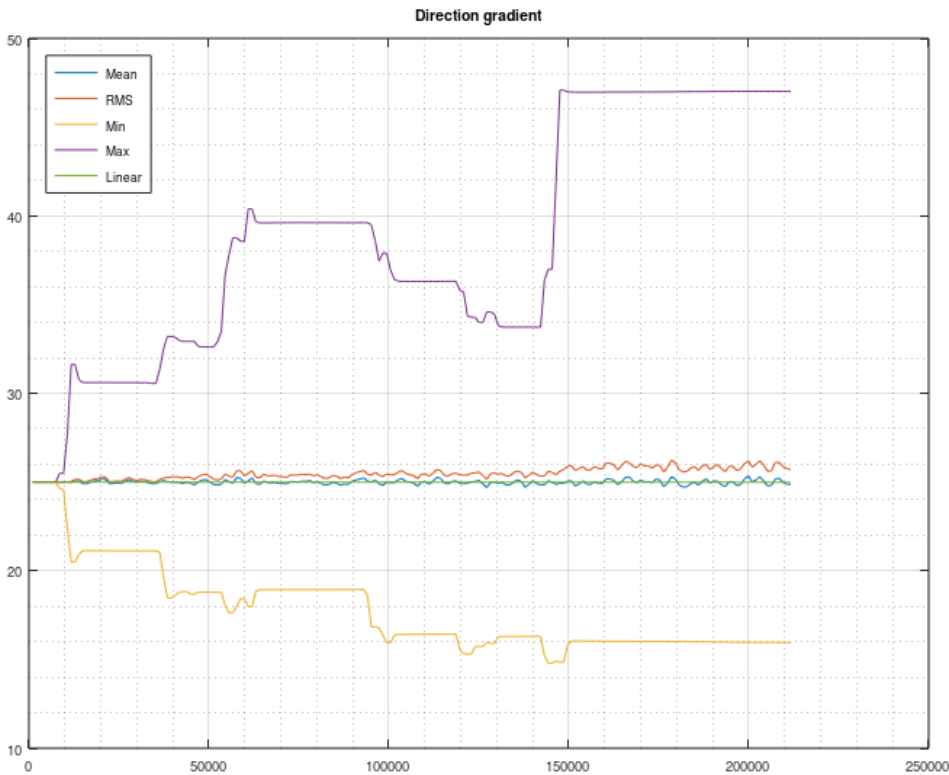
KPI	
Steps	213788
Mean	25
Sigma	4.99
RMS	25.5
Min	14.8
Median	25
Max	47.1
Trend	Linear
From	25
To	25

16.3	19.2	22.1	25.1	28	30.9	33.9	36.8	39.7	42.7	45.6
18162	23700	38336	63656	35914	19628	9466	890	2686	4	1346

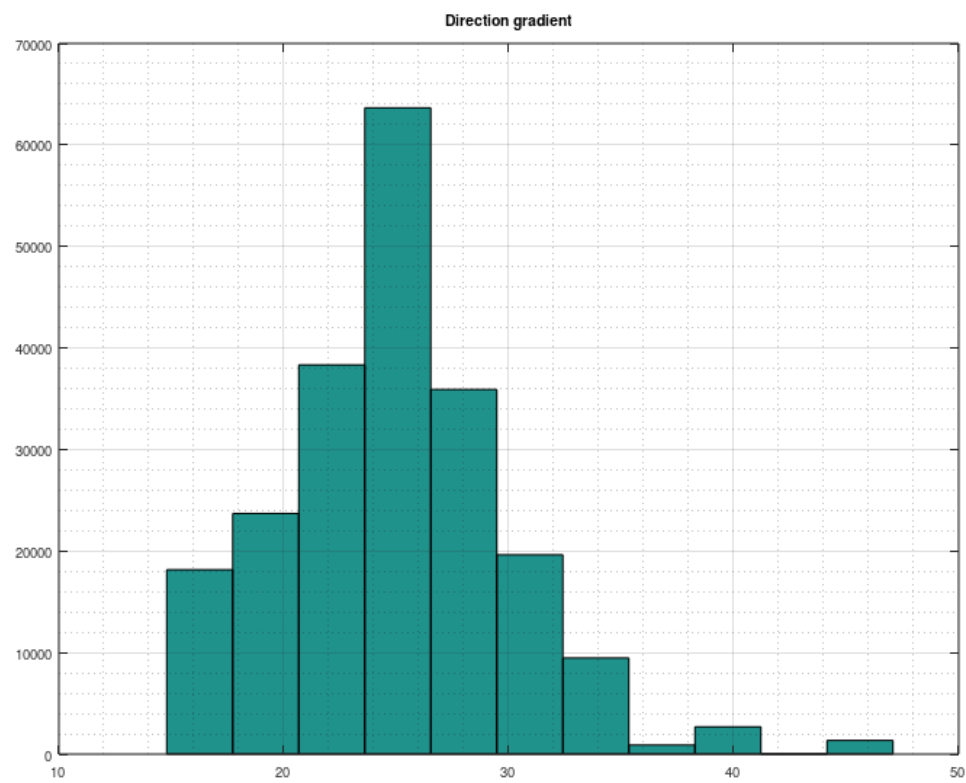
## Direction gradient notes

[Notes]

## Direction gradient chart



Direction gradient histogram



Speed gradient

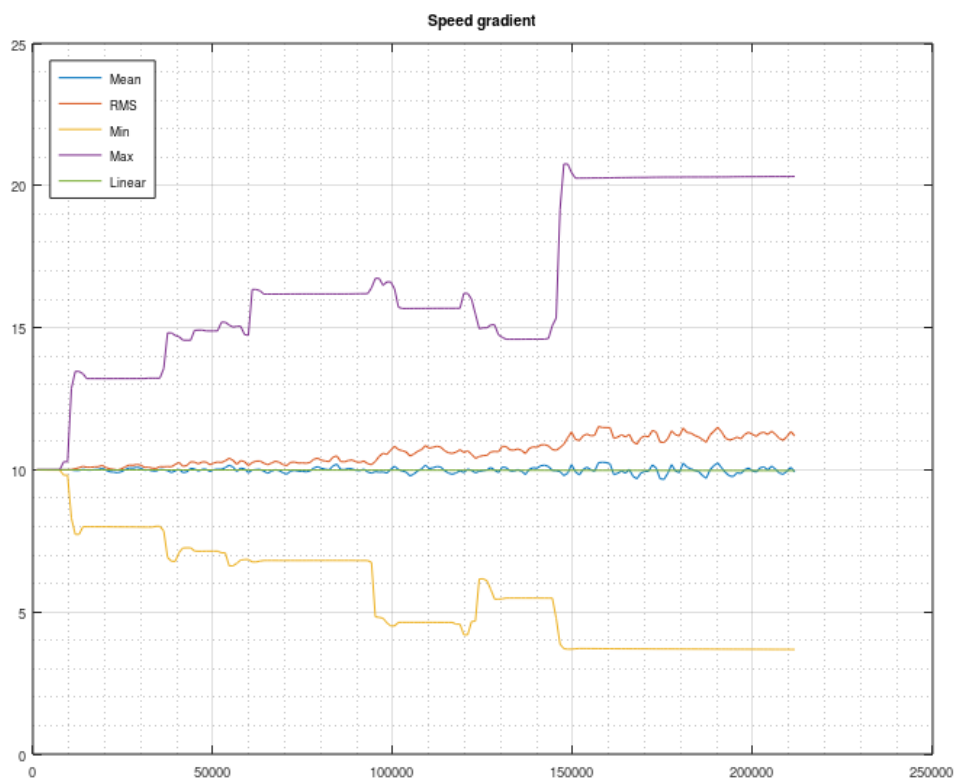
KPI										
Steps										
213788										
Mean										
9.99										
Sigma										
3.65										
RMS										
10.6										
Min										
3.68										
Median										
10										
Max										
20.8										
Trend										
Linear										
From										
10										
To										
9.97										

4.46	6.01	7.56	9.11	10.7	12.2	13.8	15.3	16.9	18.4	20
24172	19512	25746	26930	44254	25592	24888	13040	6426	8	3220

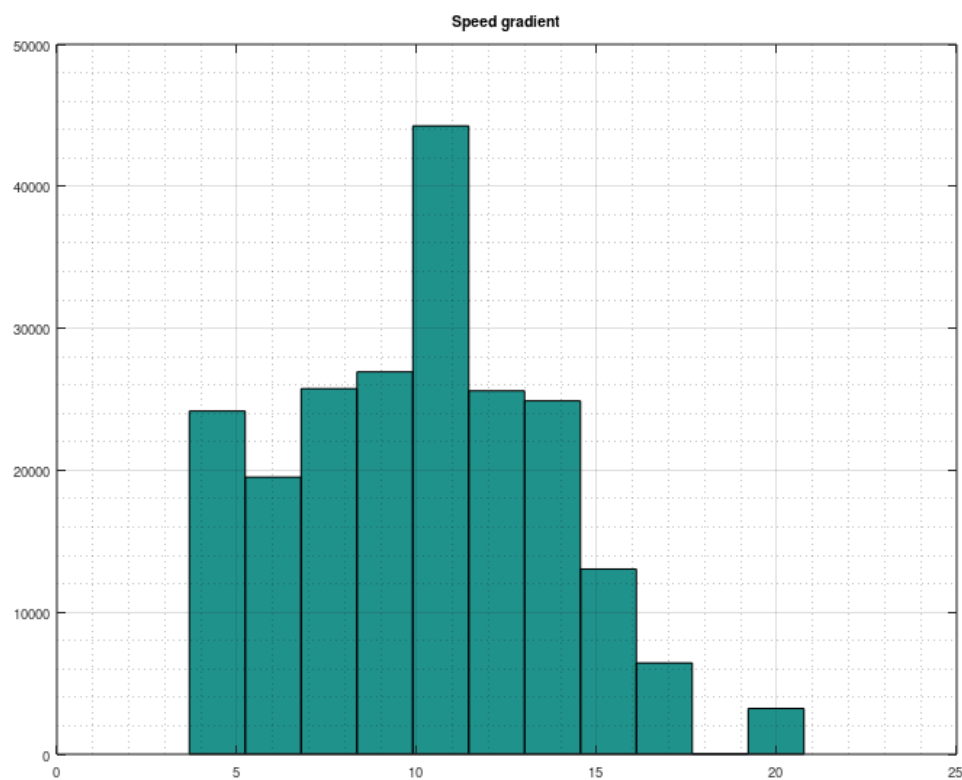
Speed gradient notes

[Notes]

# Speed gradient chart



# Speed gradient histogram



# Sensor direction gradient

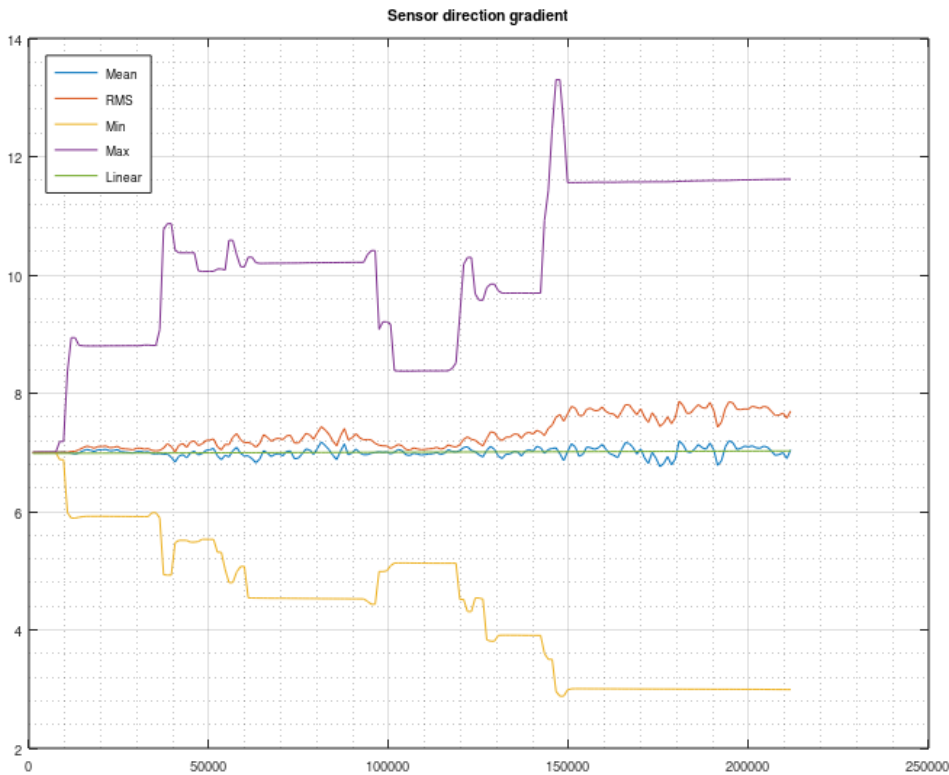
KPI	
Steps	213788
Mean	7
Sigma	2.16
RMS	7.33
Min	2.88
Median	7.1
Max	13.3
Trend	Linear
From	6.98
To	7.03

3.35	4.3	5.25	6.2	7.14	8.09	9.04	9.98	10.9	11.9	12.8
22380	13708	13446	32358	60492	31858	8066	12784	12974	5704	18

## Sensor direction gradient notes

[Notes]

## Sensor direction gradient chart





# Sensor direction gradient histogram

