

Report

26 November 2022, 11:38

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

Report folder C:\Users\marco\Desktop\wheellyj\reports\Explorer\analog-lambda-0.8\

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Rewards

KPI	
Steps	96000
Mean	0.0601
Sigma	0.19
RMS	0.2
Min	-1
Median	0
Max	0.488
Trend	Linear
From	-0.0155
To	0.136

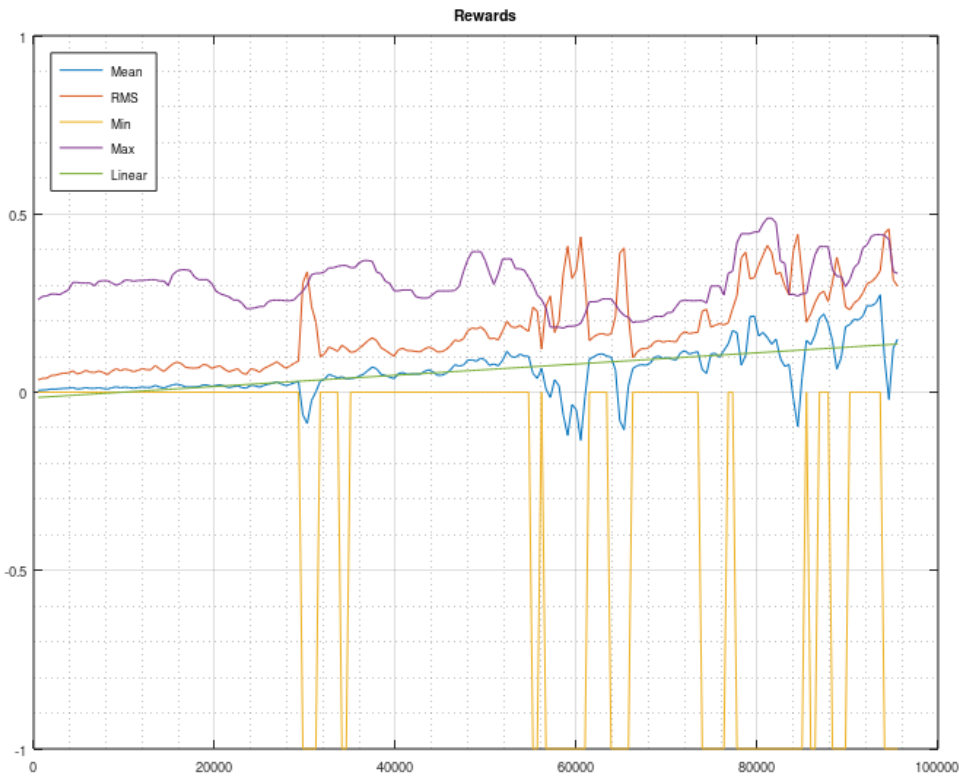
-0.932	-0.797	-0.662	-0.527	-0.391	-0.256	-0.121	0.0144	0.15	0.285	0.42
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-0.932	-0.797	-0.662	-0.527	-0.391	-0.256	-0.121	0.0144	0.15	0.285	0.42
1576	0	0	0	0	0	0	68398	5876	15214	4936

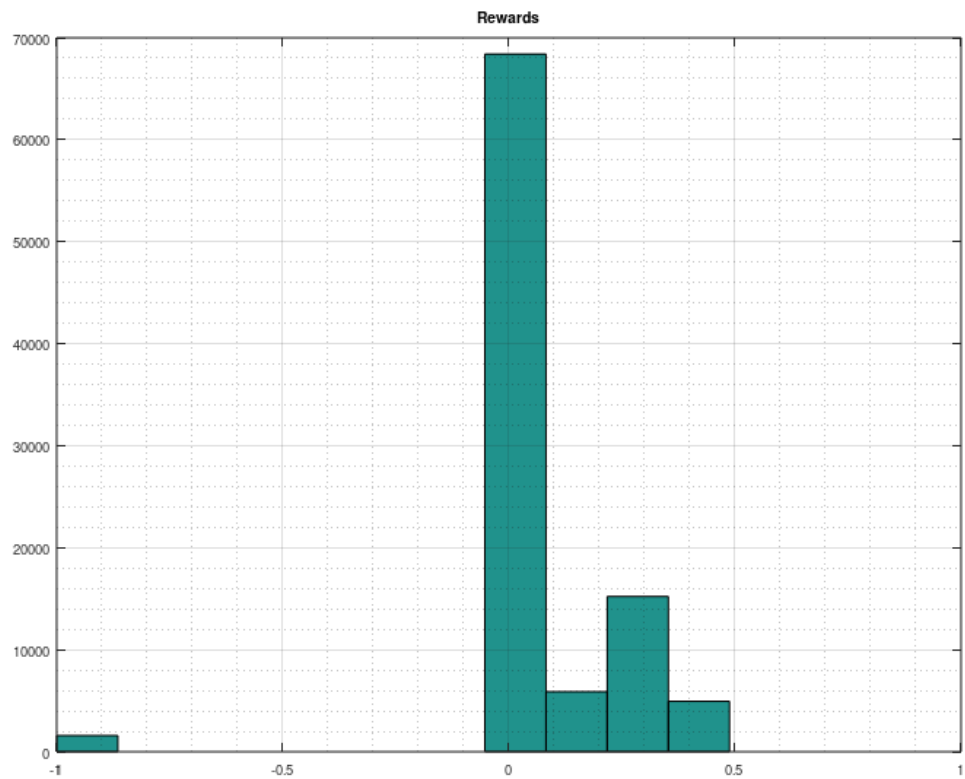
Rewards notes

[Notes]

Rewards chart



Rewards histogram



Delta

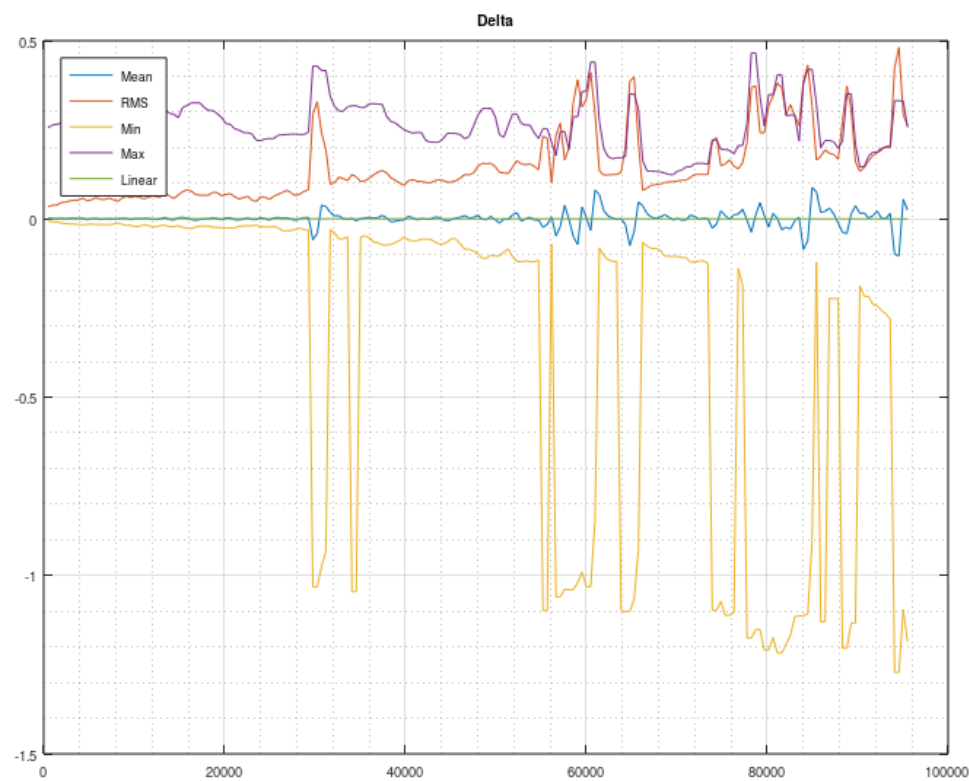
KPI	
Steps	96000
Mean	0.000361
Sigma	0.178
RMS	0.178
Min	-1.27
Median	-0.0162
Max	0.466
Trend	Linear
From	0.000772
To	-5.07e-05

-1.19	-1.03	-0.877	-0.719	-0.561	-0.403	-0.245	-0.0872	0.0707	0.229	0.387
290	708	538	40	0	0	3254	57694	15440	16772	1264

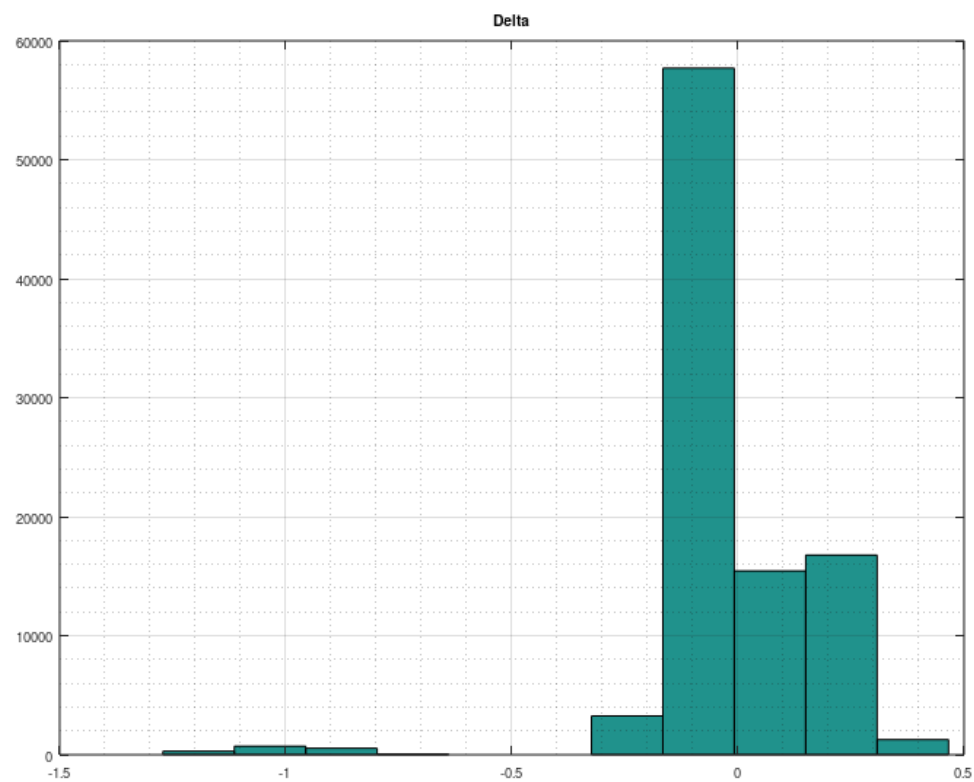
Delta notes

[Notes]

Delta chart



Delta histogram



Discount 0.999 rewards

KPI	
Steps	96000
Mean	0.0595
Sigma	0.0596
RMS	0.0842
Min	-0.143
Median	0.0505
Max	0.26
Trend	Linear
From	-0.0143
To	0.133

-0.125	-0.0884	-0.0518	-0.0151	0.0216	0.0583	0.095	0.132	0.168	0.205	0.242
276	499	1983	3981	36417	19178	19445	4682	6112	1956	1471

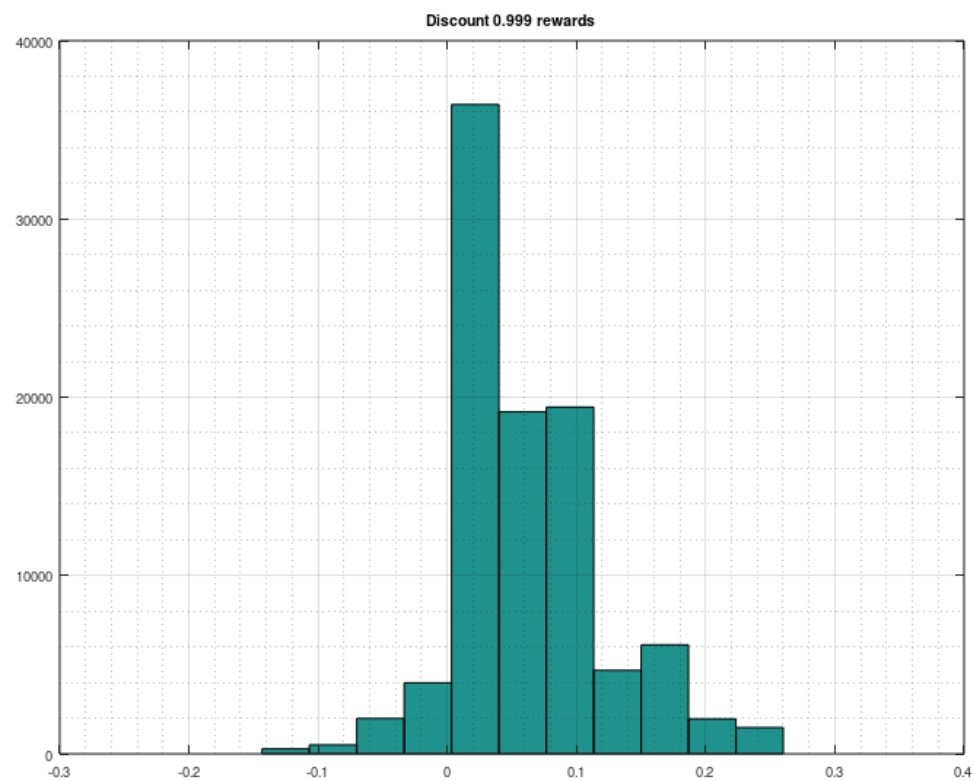
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



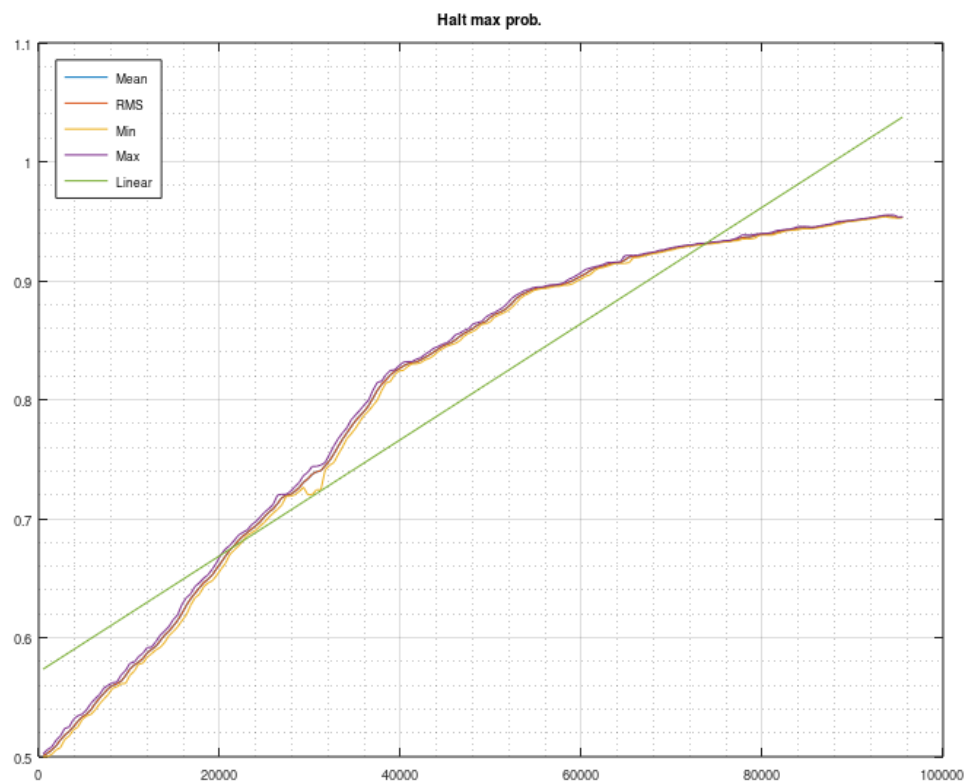
Halt max prob.

KPI	
Steps	96000
Mean	0.806
Sigma	0.142
RMS	0.818
Min	0.5
Median	0.86
Max	0.955
Trend	Linear
From	0.571
To	1.04

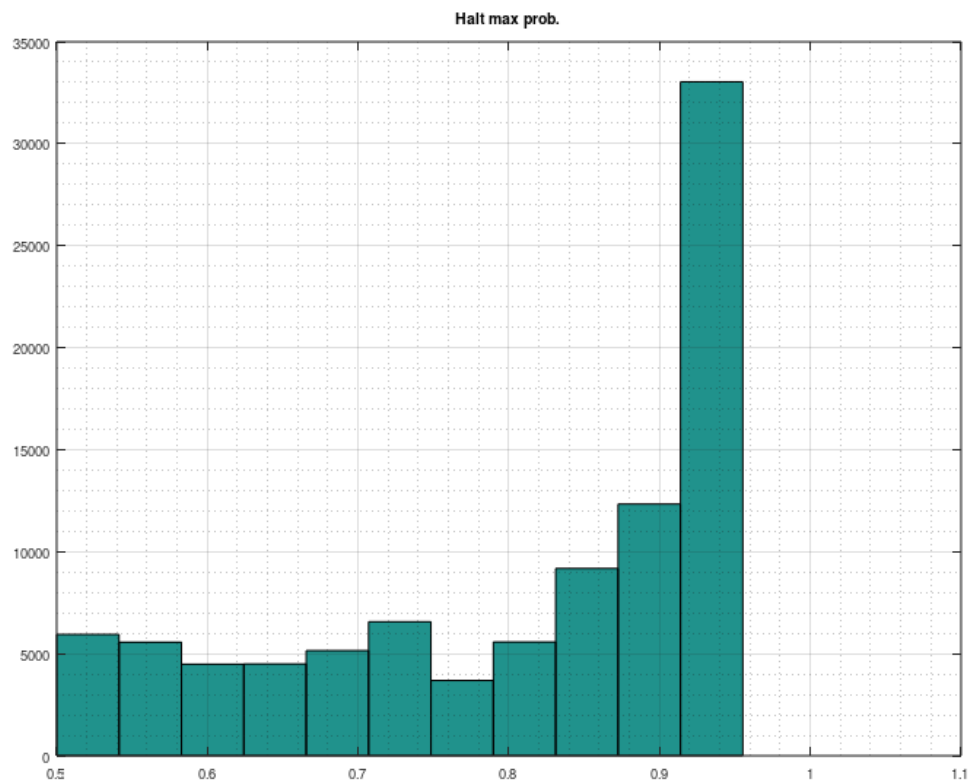
0.521	0.562	0.603	0.645	0.686	0.728	0.769	0.81	0.852	0.893	0.934
5942	5562	4484	4496	5150	6564	3684	5572	9178	12334	33034

Halt max prob. notes

Halt max prob. chart



Halt max prob. histogram



Direction max prob.

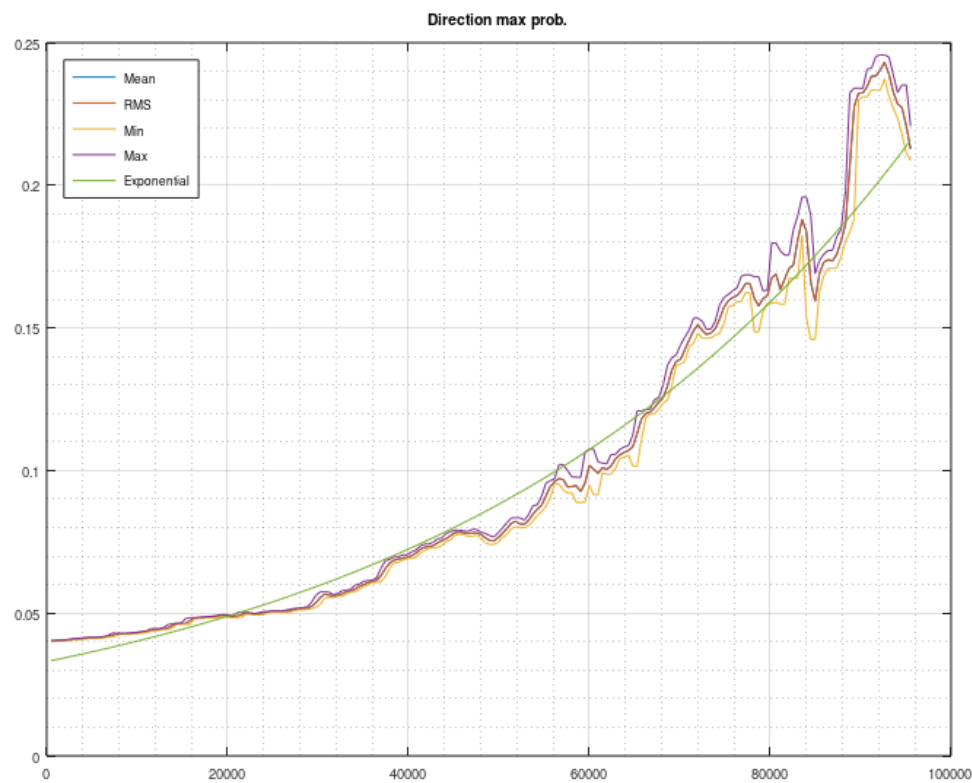
KPI	
Steps	96000
Mean	0.0992
Sigma	0.0576
RMS	0.115
Min	0.04
Median	0.0779
Max	0.246
Trend	Exponential
From	0.033
To	0.218

0.0493	0.068	0.0867	0.105	0.124	0.143	0.162	0.18	0.199	0.218	0.236
34162	12652	11622	6980	3552	5714	8556	5152	448	1440	5722

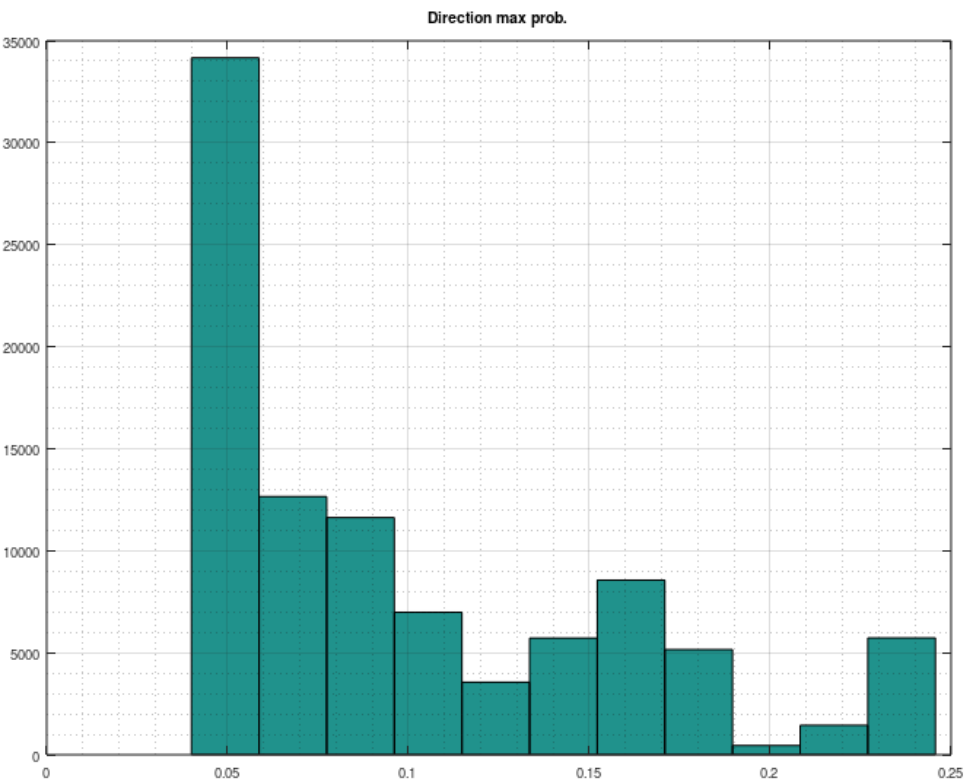
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

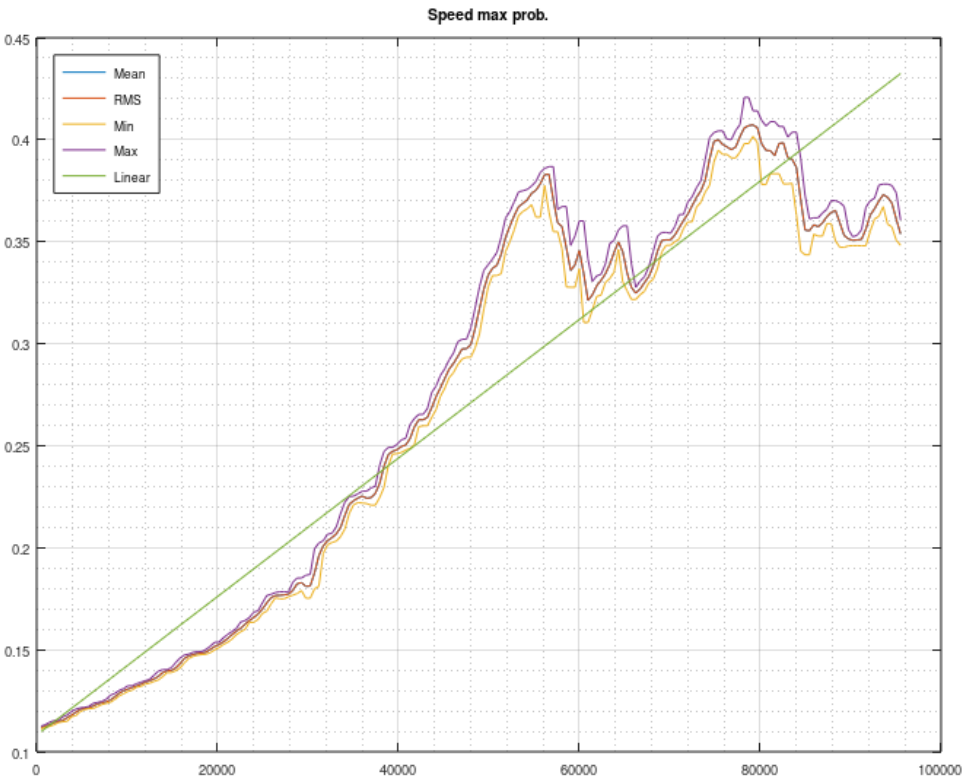
KPI	
Steps	96000
Mean	0.271
Sigma	0.0999
RMS	0.289
Min	0.111
Median	0.3
Max	0.421
Trend	Linear
From	0.108
To	0.434

0.125	0.153	0.181	0.21	0.238	0.266	0.294	0.322	0.35	0.379	0.407
14242	10076	6642	4858	5388	3728	3626	8036	19456	12240	7708

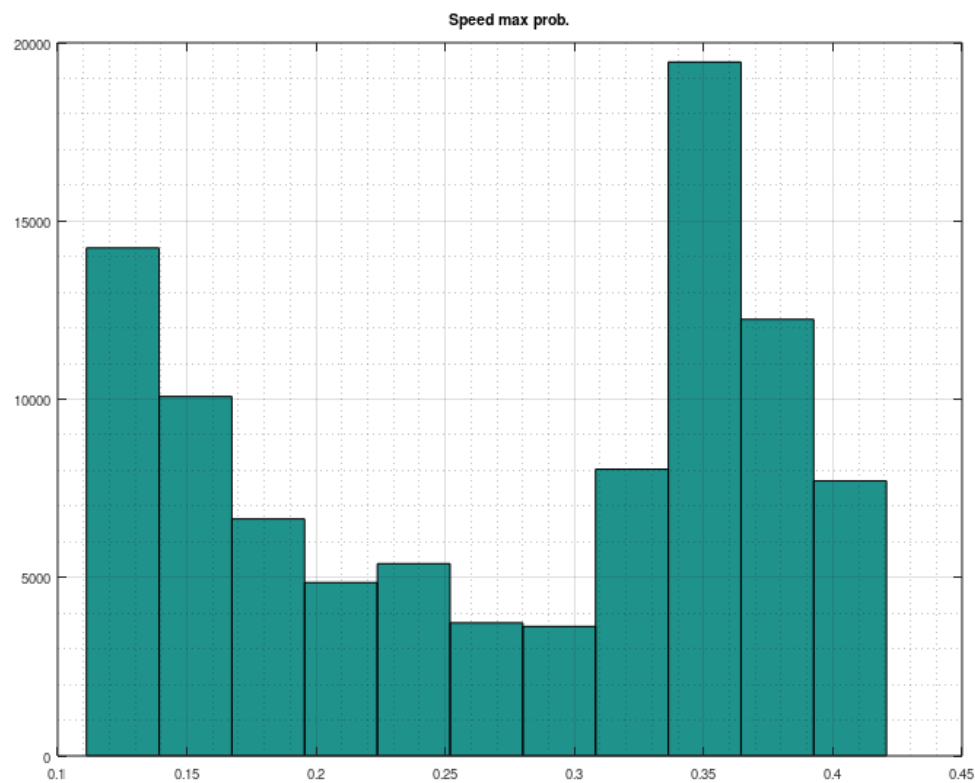
Speed max prob. notes

[Notes]

Speed max prob. chart



Speed max prob. histogram



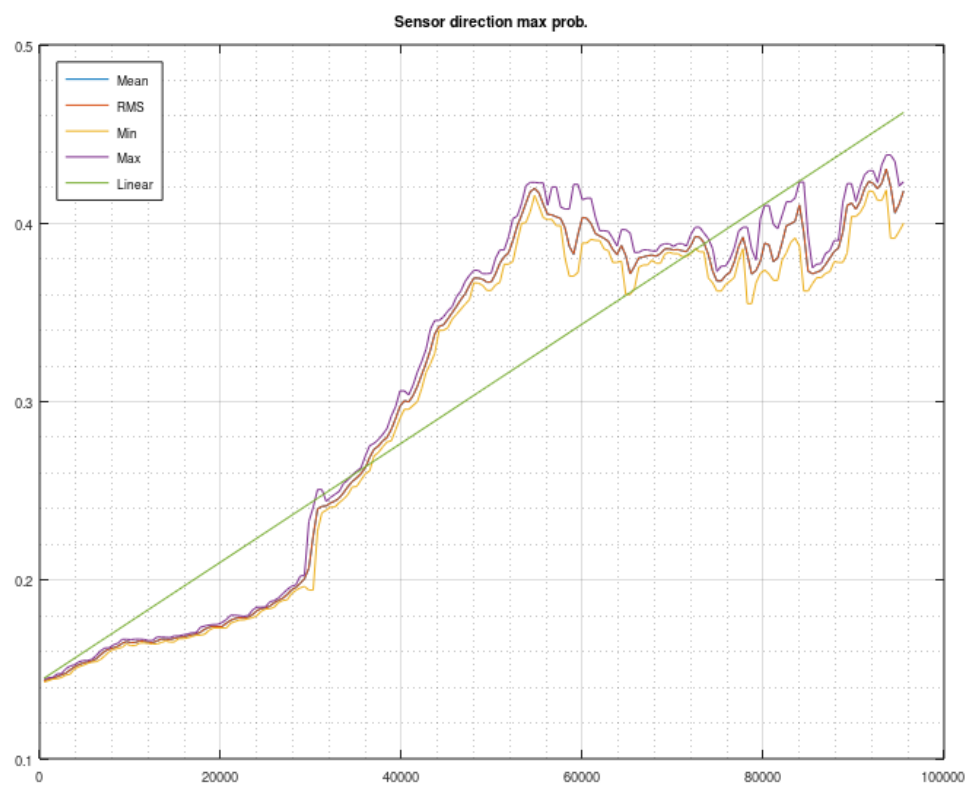
Sensor direction max prob.

KPI	
Steps	96000
Mean	0.304
Sigma	0.1
RMS	0.32
Min	0.143
Median	0.364
Max	0.438
Trend	Linear
From	0.143
To	0.464

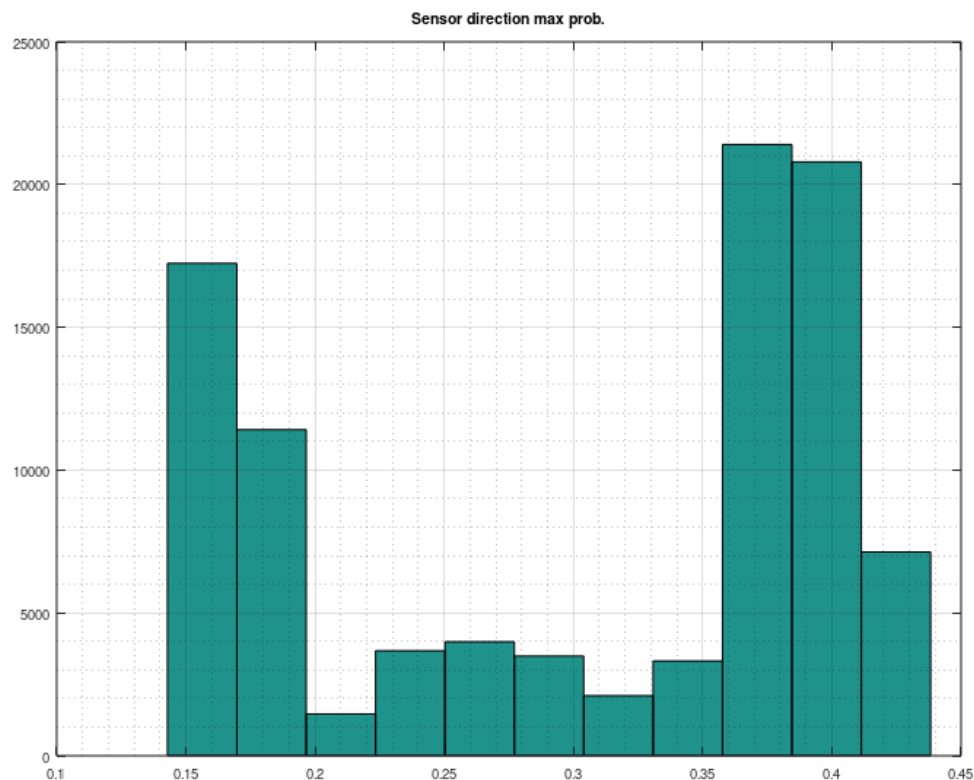
0.156	0.183	0.21	0.237	0.264	0.291	0.317	0.344	0.371	0.398	0.425
17240	11414	1460	3674	3988	3486	2100	3316	21400	20790	7132

Sensor direction max prob. notes

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta halt prob.

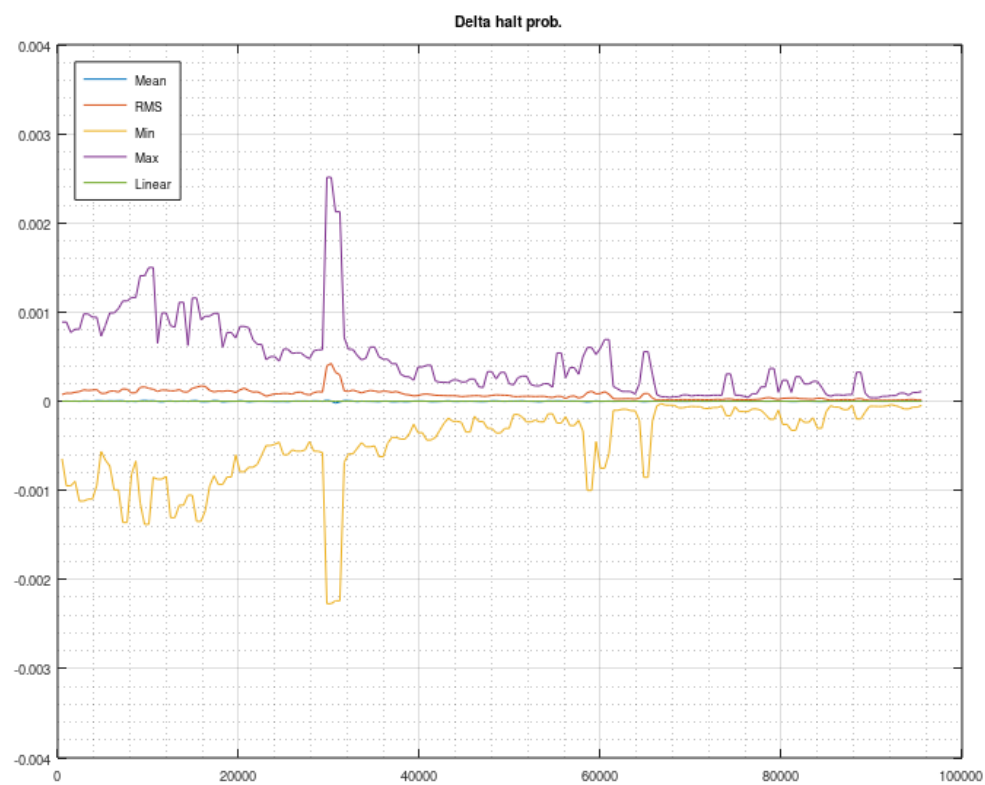
KPI	
Steps	96000
Mean	-3.24e-07
Sigma	9.3e-05
RMS	9.3e-05
Min	-0.00227
Median	-4e-08
Max	0.00251
Trend	Linear
From	-8.82e-08
To	-5.6e-07

-0.00205	-0.00162	-0.00118	-0.00075	-0.000315	0.00012	0.000555	0.00099	0.00142	0.00186	0.00229
10	16	48	222	2366	92698	512	98	14	8	8

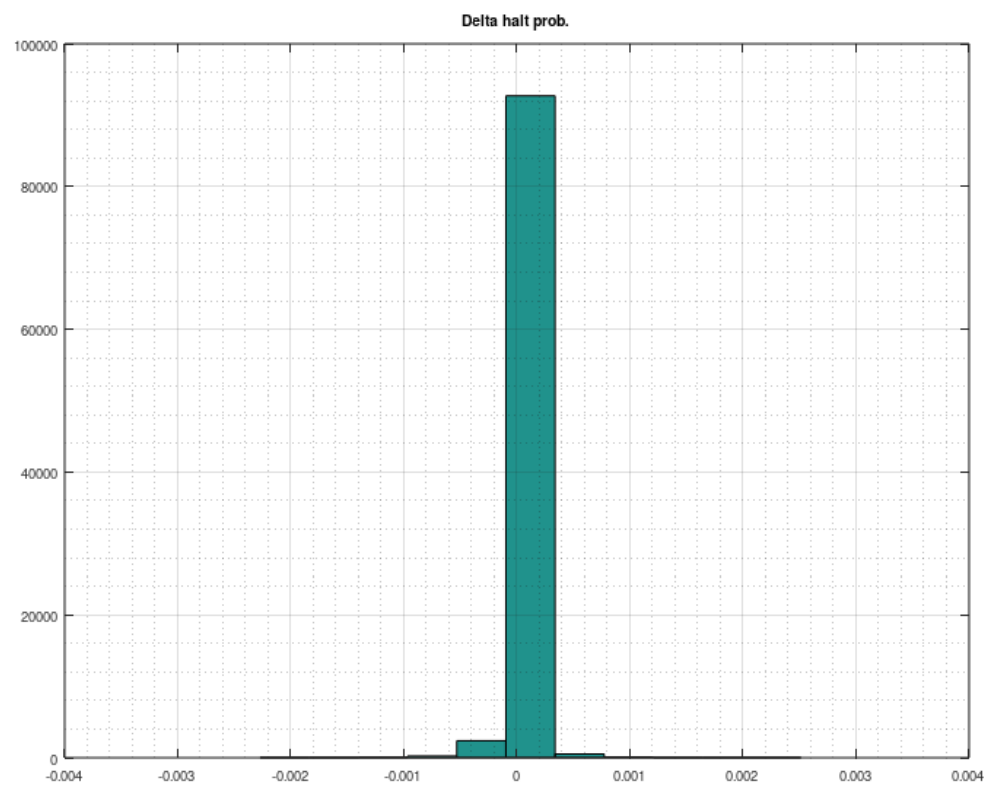
Delta halt prob. notes

[Notes]

Delta halt prob. chart



Delta halt prob. histogram



Delta direction prob.

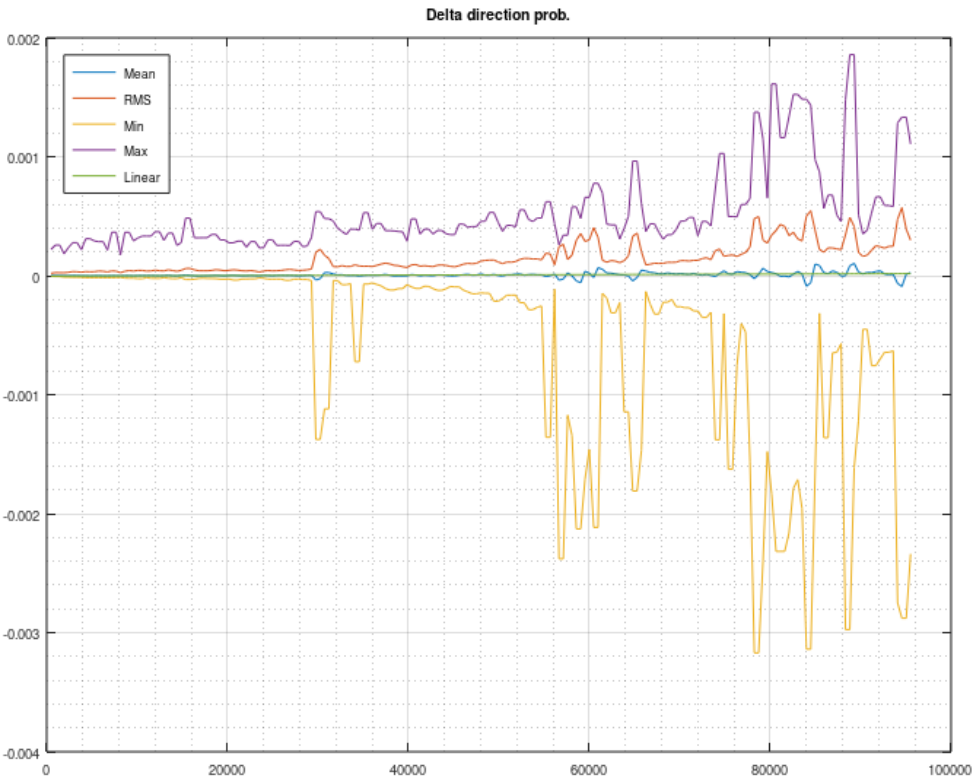
KPI	
Steps	96000
Mean	6.77e-06
Sigma	0.000188
RMS	0.000189
Min	-0.00317
Median	-9.43e-06
Max	0.00186
Trend	Linear
From	-3.42e-06
To	1.7e-05

-0.00294	-0.00248	-0.00203	-0.00157	-0.00111	-0.000656	-0.000199	0.000258	0.000715	0.00117	0.00163
14	16	52	156	366	884	66062	27718	610	82	40

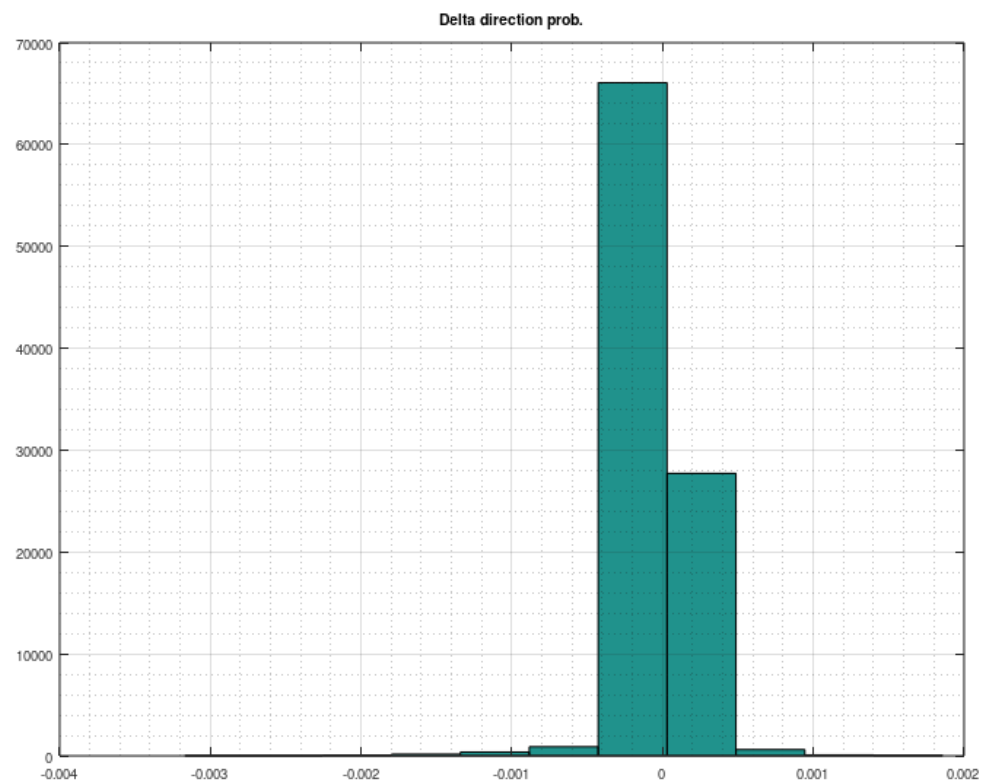
Delta direction prob. notes

[Notes]

Delta direction prob. chart



Delta direction prob. histogram



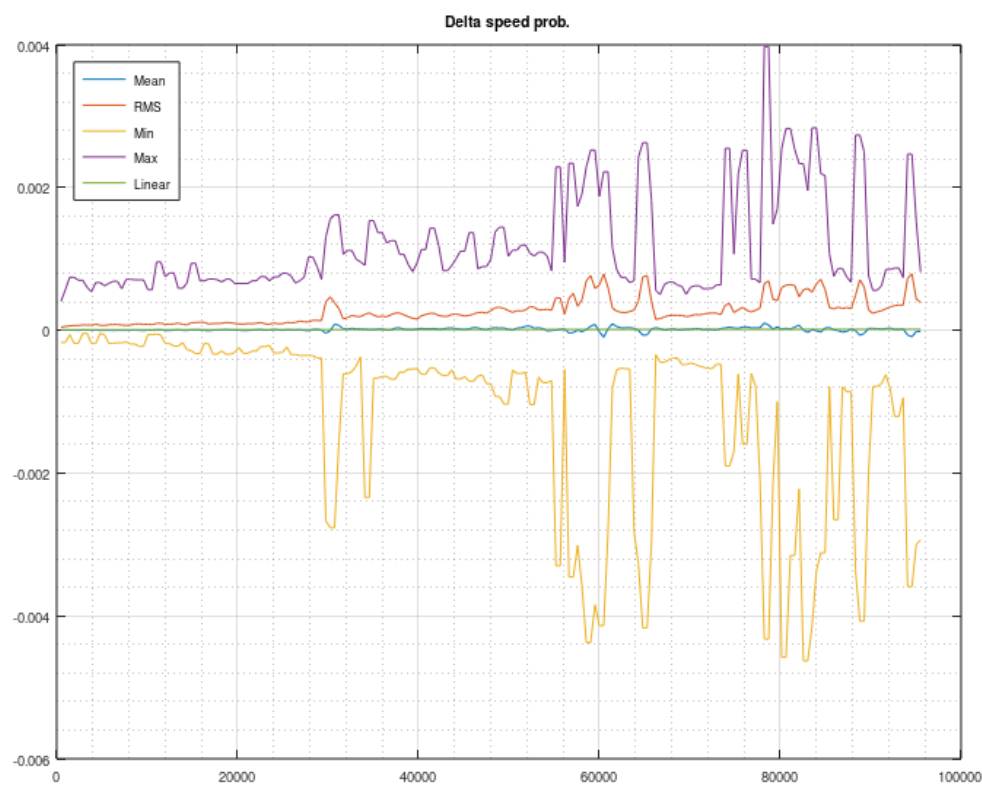
Delta speed prob.

KPI	
Steps	96000
Mean	1.13e-05
Sigma	0.000323
RMS	0.000323
Min	-0.00463
Median	-1.4e-05
Max	0.00397
Trend	Linear
From	7.41e-06
To	1.52e-05

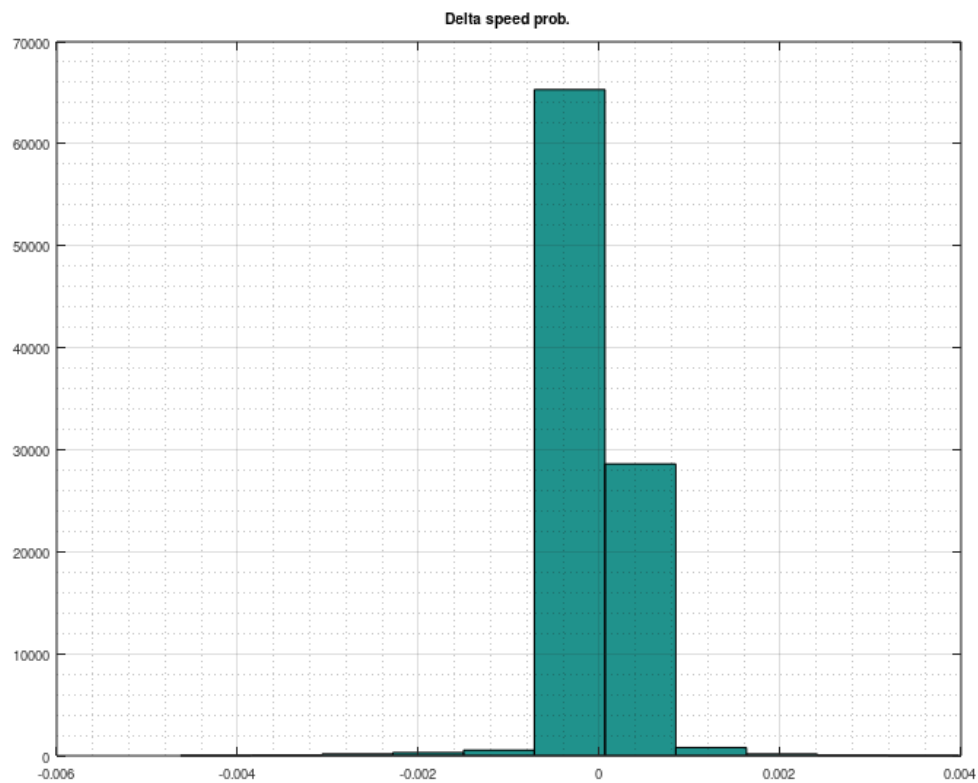
-0.00424	-0.00346	-0.00267	-0.00189	-0.00111	-0.000328	0.000454	0.00124	0.00202	0.0028	0.00358
20	54	168	302	540	65306	28602	794	166	44	4

Delta speed prob. notes

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

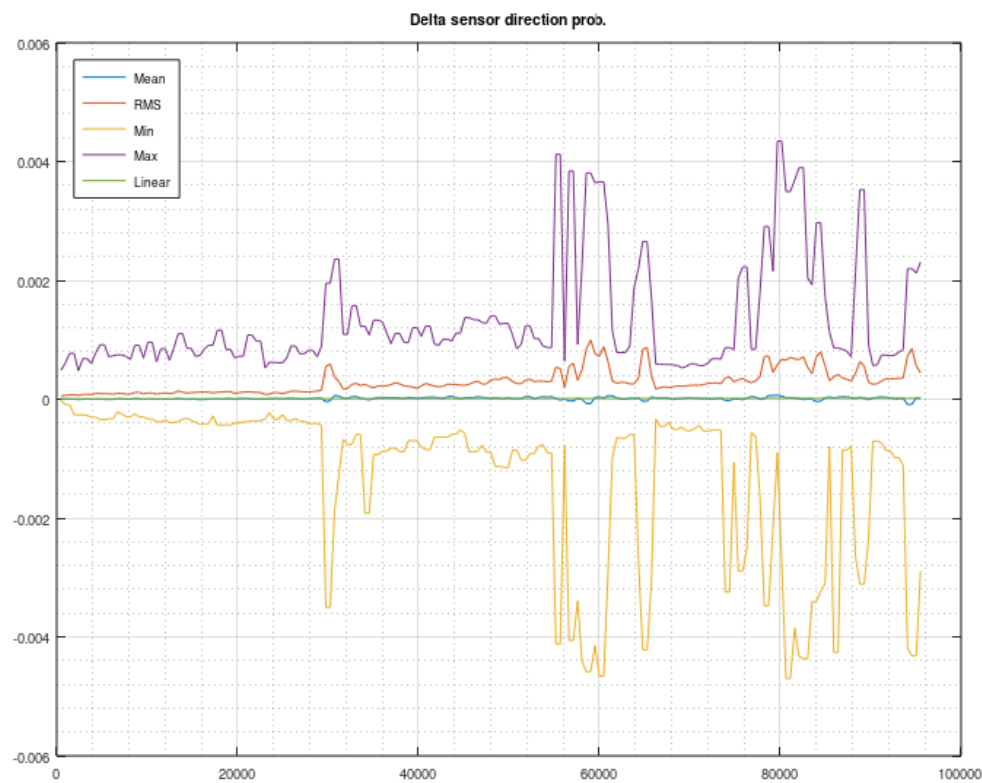
KPI	
Steps	96000
Mean	1.1e-05
Sigma	0.000356
RMS	0.000356
Min	-0.0047
Median	-1.48e-05
Max	0.00434
Trend	Linear
From	6.29e-06
To	1.58e-05

-0.00429	-0.00347	-0.00265	-0.00182	-0.001	-0.00018	0.000642	0.00146	0.00229	0.00311	0.00393
42	84	180	324	1126	79764	13778	498	132	46	26

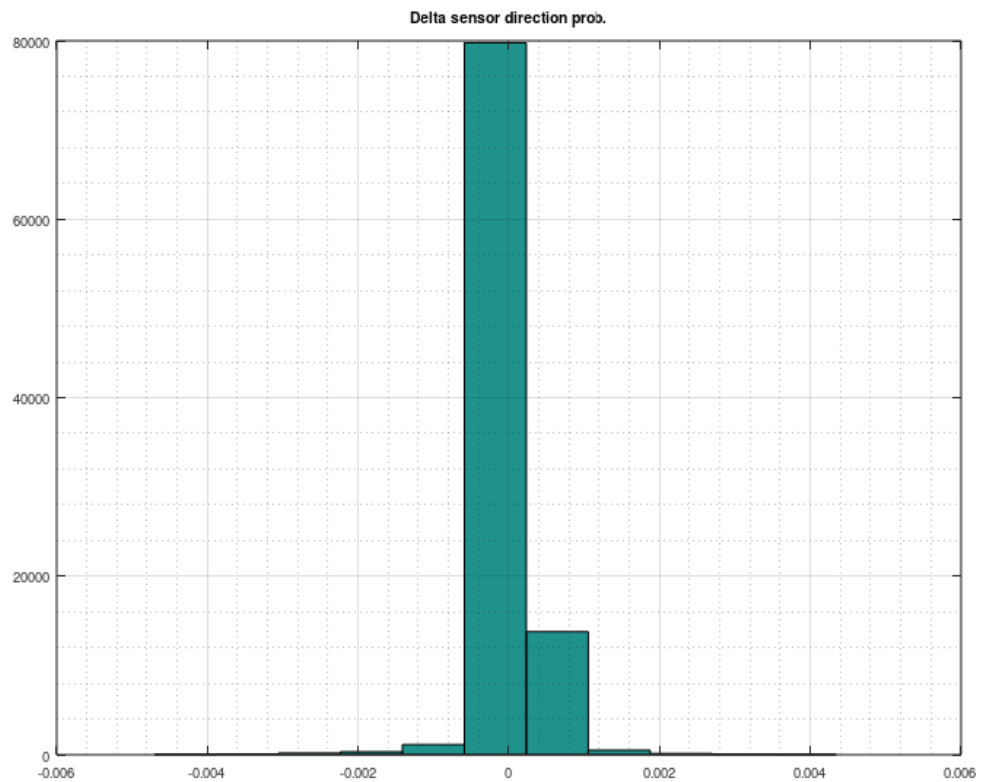
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

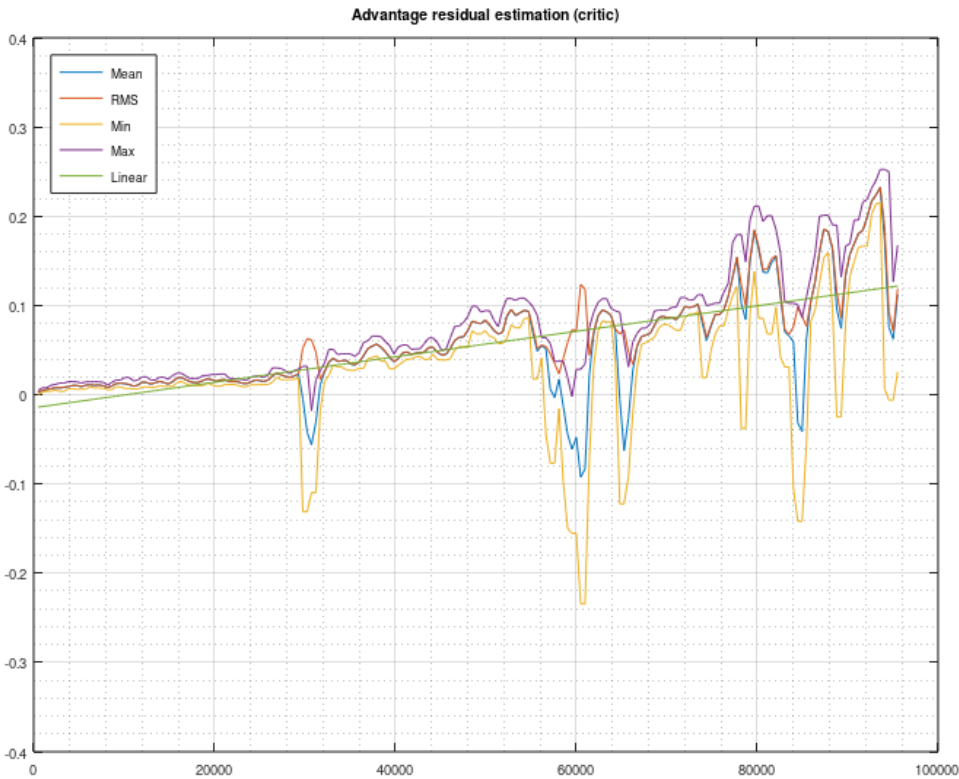
KPI	
Steps	96000
Mean	0.0539
Sigma	0.062
RMS	0.0821
Min	-0.234
Median	0.0447
Max	0.252
Trend	Linear
From	-0.0147
To	0.122

-0.212	-0.168	-0.124	-0.0795	-0.0353	0.009	0.0533	0.0975	0.142	0.186	0.23
134	220	914	1934	2150	34980	25096	18616	5272	4734	1950

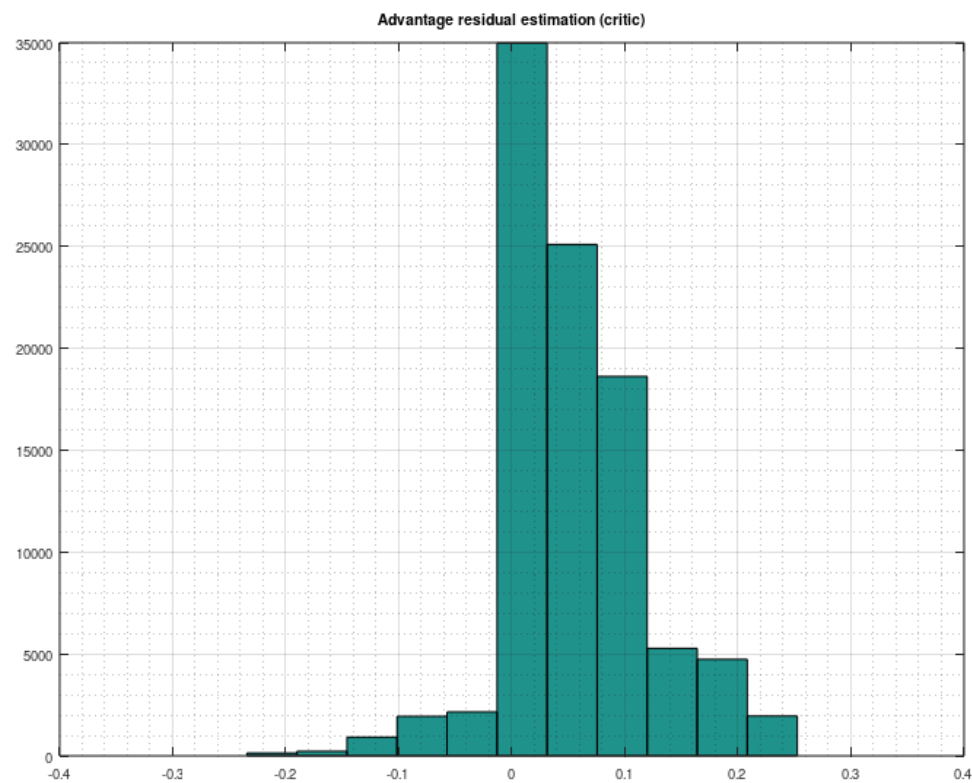
Advantage residual estimation (critic) notes

[Notes]

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



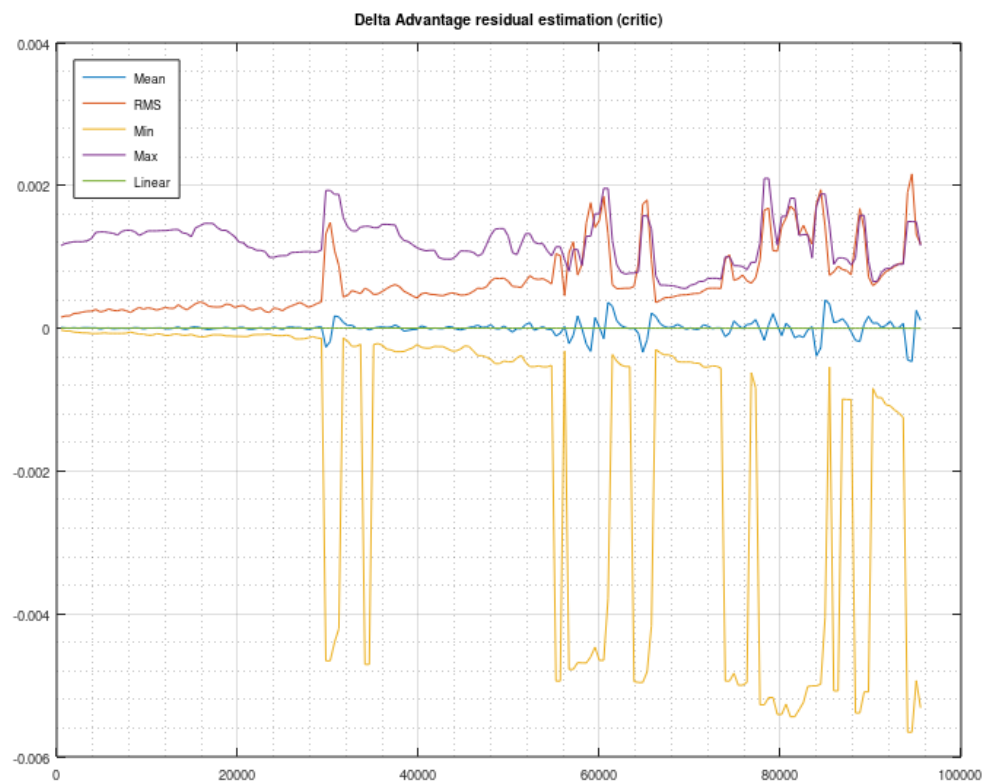
Delta Advantage residual estimation (critic)

KPI	
Steps	96000
Mean	1.64e-06
Sigma	0.000801
RMS	0.000801
Min	-0.00566
Median	-7.34e-05
Max	0.0021
Trend	Linear
From	3.46e-06
To	-1.91e-07

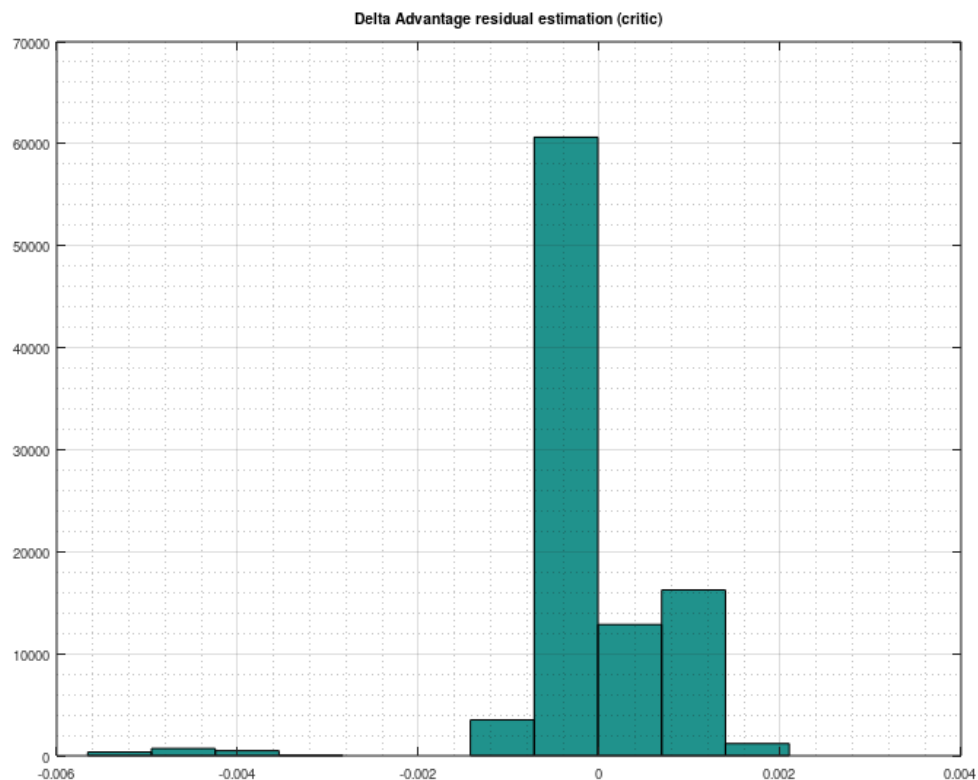
-0.0053	-0.0046	-0.00389	-0.00319	-0.00248	-0.00178	-0.00107	-0.000369	0.000337	0.00104	0.00175
352	704	484	36	0	0	3504	60636	12856	16244	1184

Delta Advantage residual estimation (critic) notes

Delta Advantage residual estimation (critic) chart



Delta Advantage residual estimation (critic) histogram



Avg Rewards

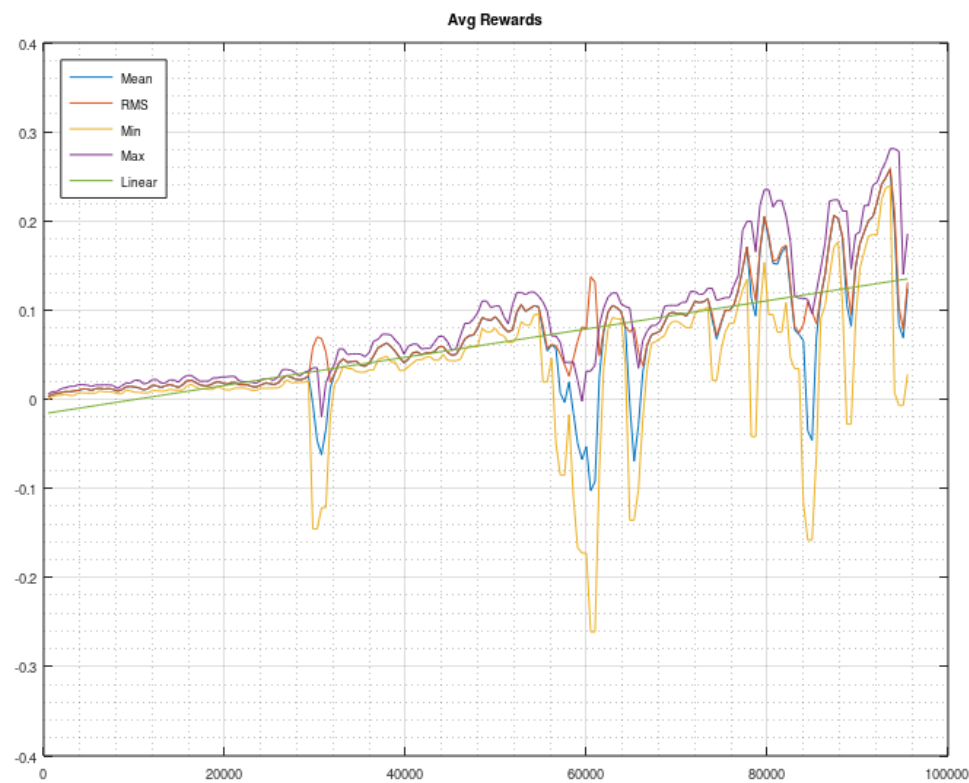
KPI	
Steps	96000
Mean	0.0597
Sigma	0.0688
RMS	0.0911
Min	-0.261
Median	0.0496
Max	0.281
Trend	Linear
From	-0.0163
To	0.136

-0.236	-0.187	-0.138	-0.0886	-0.0393	0.00996	0.0592	0.109	0.158	0.207	0.256
134	218	908	1934	2154	35010	25152	18594	5268	4698	1930

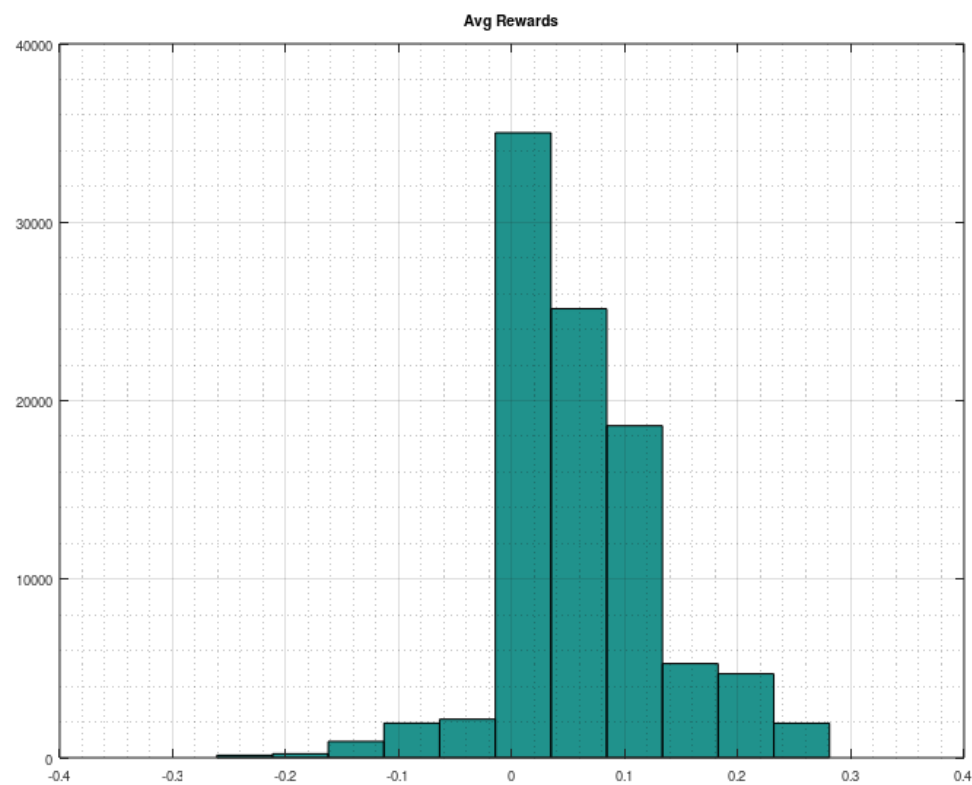
Avg Rewards notes

[Notes]

Avg Rewards chart



Avg Rewards histogram



Halt gradient

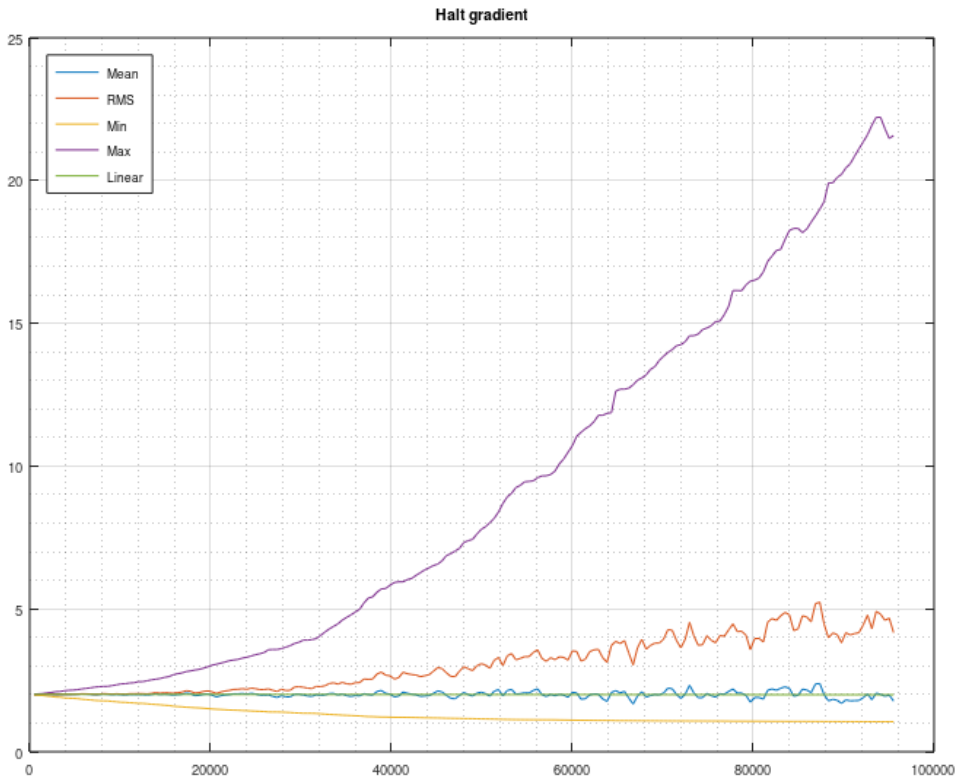
KPI	
Steps	96000
Mean	2
Sigma	2.5
RMS	3.2
Min	1.05
Median	1.19
Max	22.2
Trend	Linear
From	2.01
To	1.99

2.01	3.93	5.86	7.78	9.71	11.6	13.6	15.5	17.4	19.3	21.2
86040	4272	1722	856	848	450	554	448	382	194	234

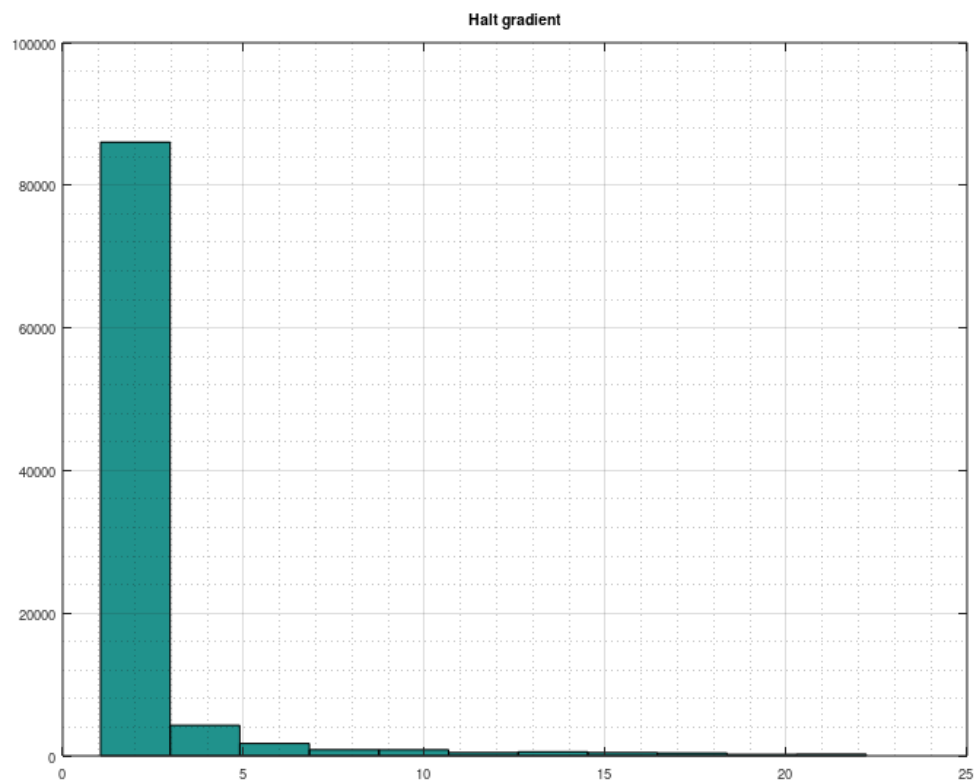
Halt gradient notes

[Notes]

Halt gradient chart



Halt gradient histogram



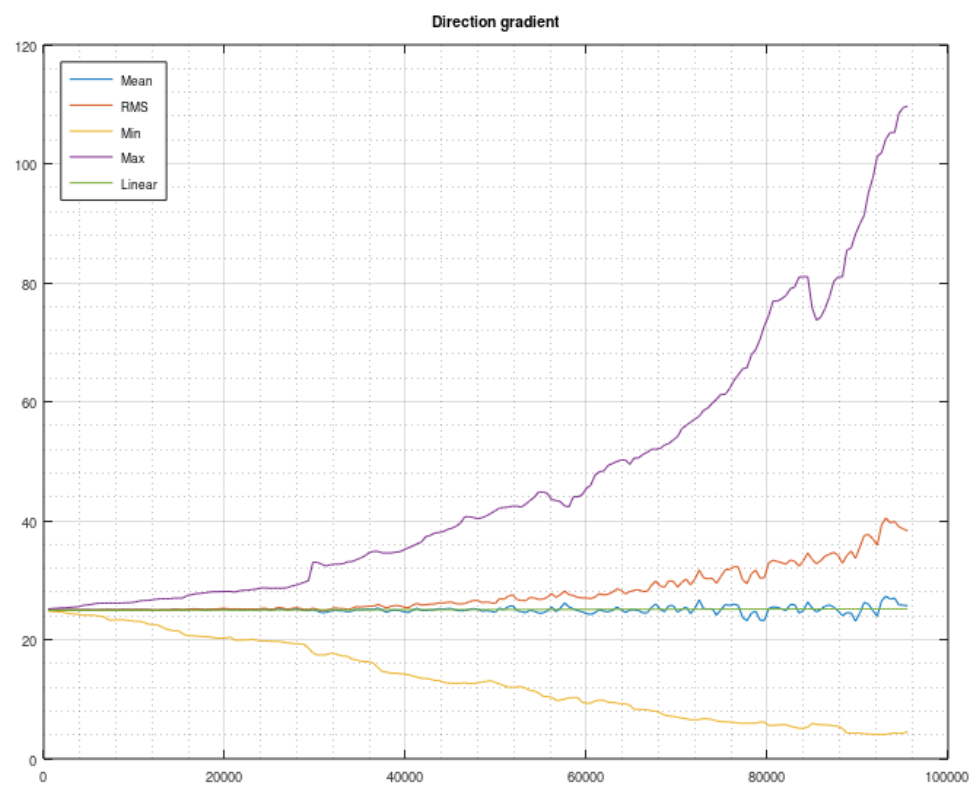
Direction gradient

KPI										
Steps										96000
Mean										25
Sigma										13.2
RMS										28.3
Min										4.07
Median										24.9
Max										110
Trend										Linear
From										24.9
To										25.2

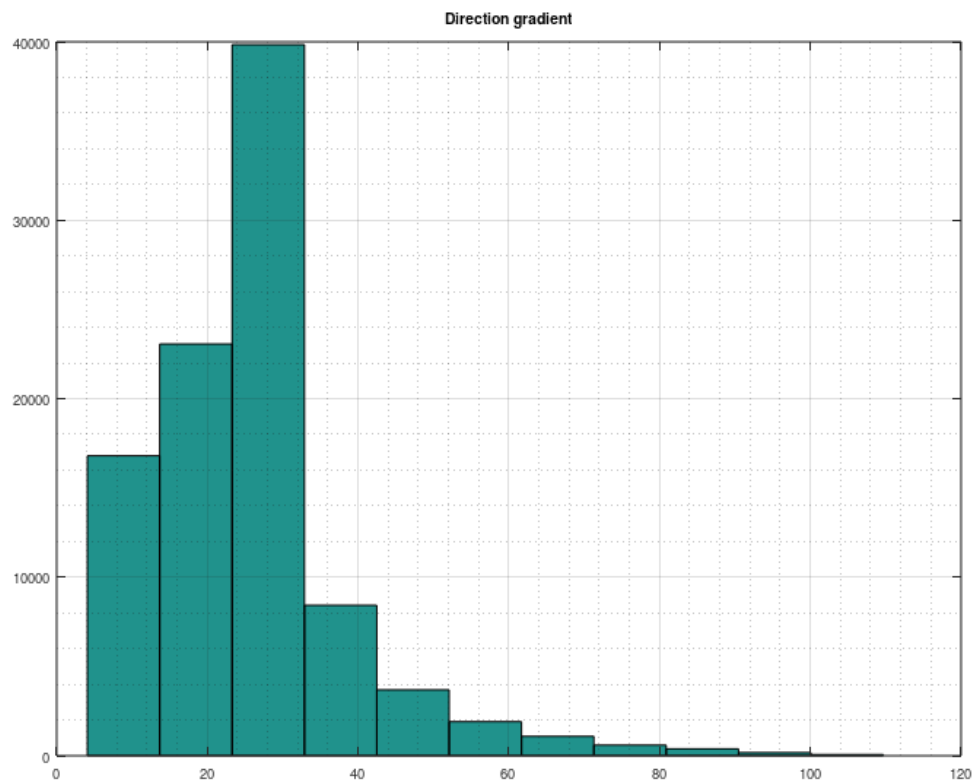
8.87	18.5	28.1	37.7	47.3	56.9	66.5	76.1	85.7	95.3	105
16800	23062	39836	8424	3686	1904	1082	590	382	172	62

Direction gradient notes

Direction gradient chart



Direction gradient histogram



Speed gradient

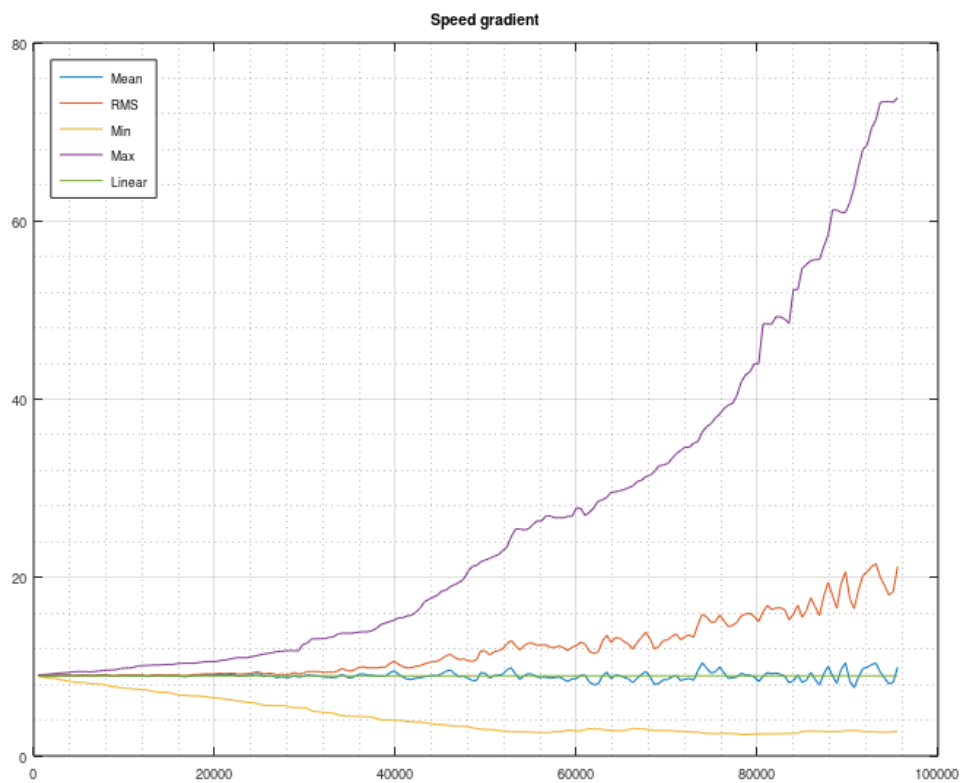
KPI	
Steps	96000
Mean	8.96
Sigma	8.72
RMS	12.5
Min	2.38
Median	6.4
Max	73.8
Trend	Linear
From	8.96
To	8.97

5.62	12.1	18.6	25.1	31.6	38.1	44.6	51.1	57.6	64.1	70.6
59982	24988	3704	3428	1388	840	544	472	372	194	88

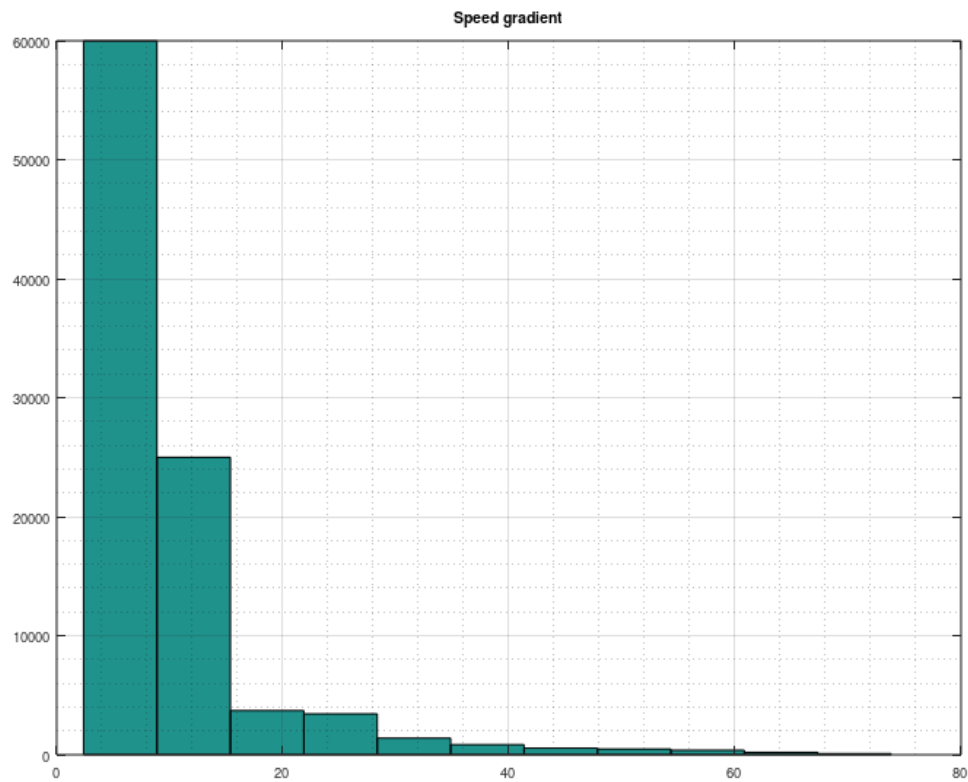
Speed gradient notes

[Notes]

Speed gradient chart



Speed gradient histogram



Sensor direction gradient

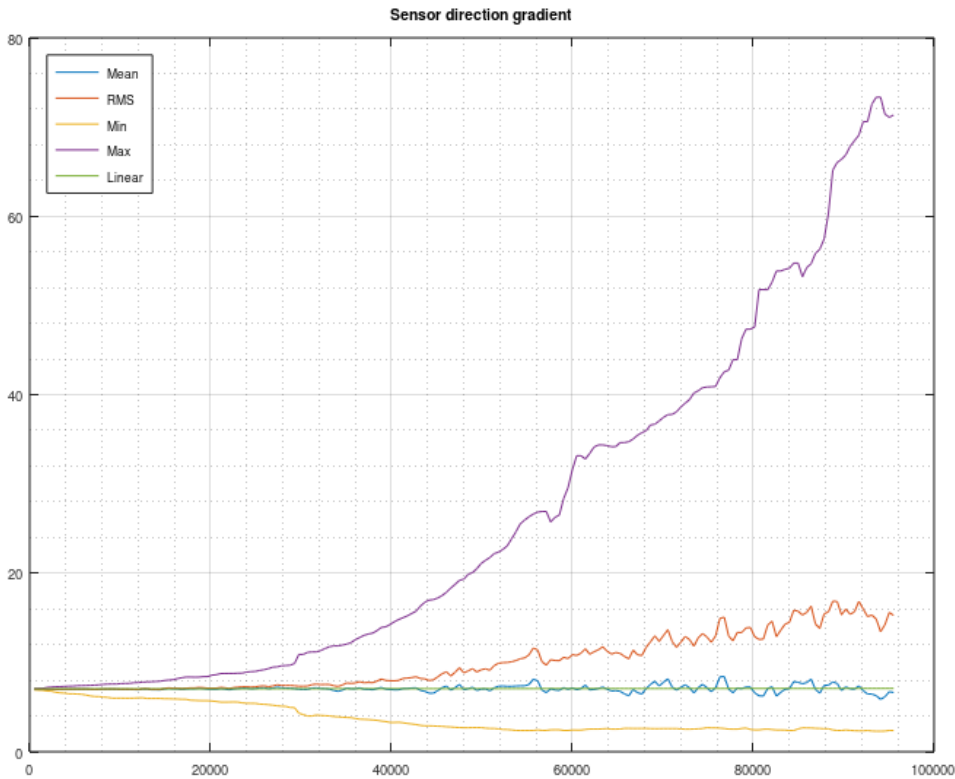
KPI	
Steps	96000
Mean	7.05
Sigma	7.7
RMS	10.4
Min	2.29
Median	5.27
Max	73.3
Trend	Linear
From	7.03
To	7.08

5.52	12	18.4	24.9	31.4	37.8	44.3	50.7	57.2	63.6	70.1
81138	8166	1948	1658	1002	870	382	390	178	200	68

Sensor direction gradient notes

[Notes]

Sensor direction gradient chart



Sensor direction gradient histogram

