

Report

26 November 2022, 13:32

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

Report folder C:\Users\marco\Desktop\wheellyj\reports\Explorer\analog-lambda-0.9\

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Rewards

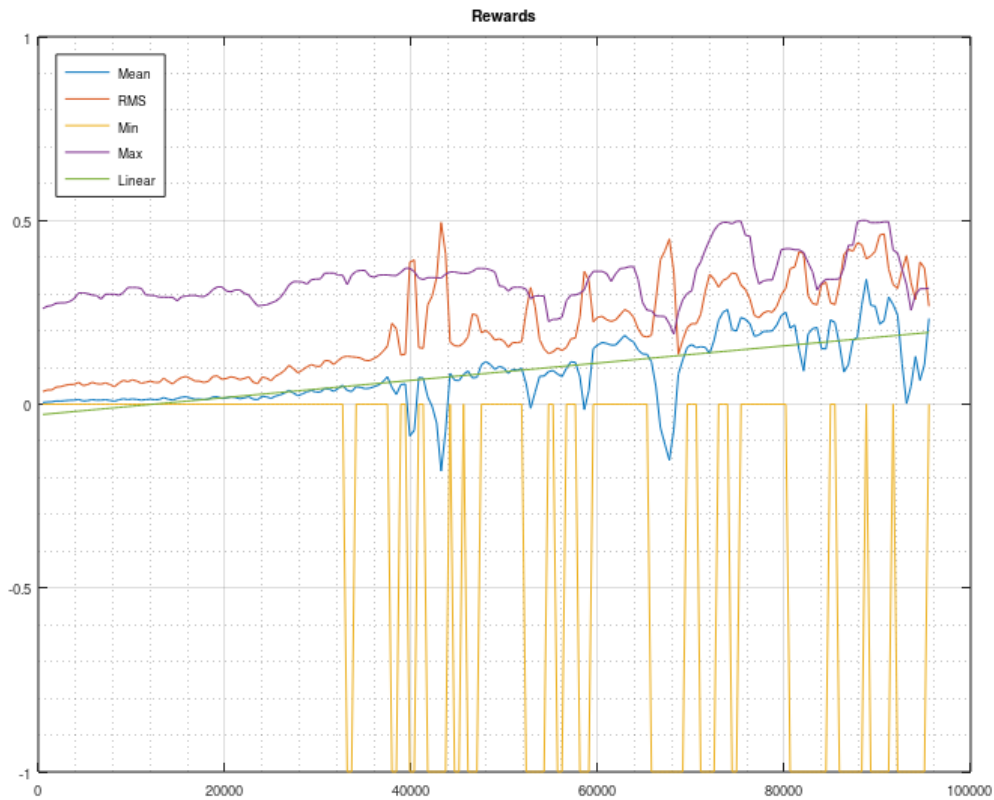
KPI	
Steps	96000
Mean	0.0837
Sigma	0.218
RMS	0.233
Min	-1
Median	0
Max	0.5
Trend	Linear
From	-0.0289
To	0.196

-0.932	-0.795	-0.659	-0.523	-0.386	-0.25	-0.114	0.0227	0.159	0.295	0.432
1806	0	0	0	0	0	0	63808	3450	19054	7882

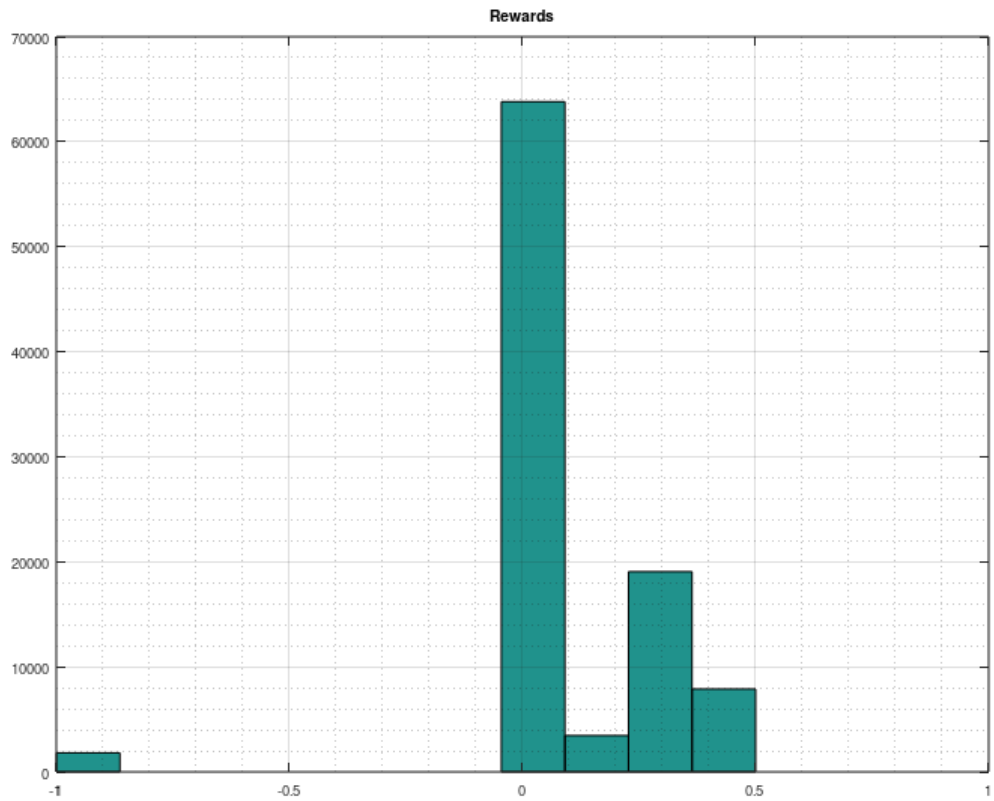
Rewards notes

[Notes]

Rewards chart



Rewards histogram



Delta

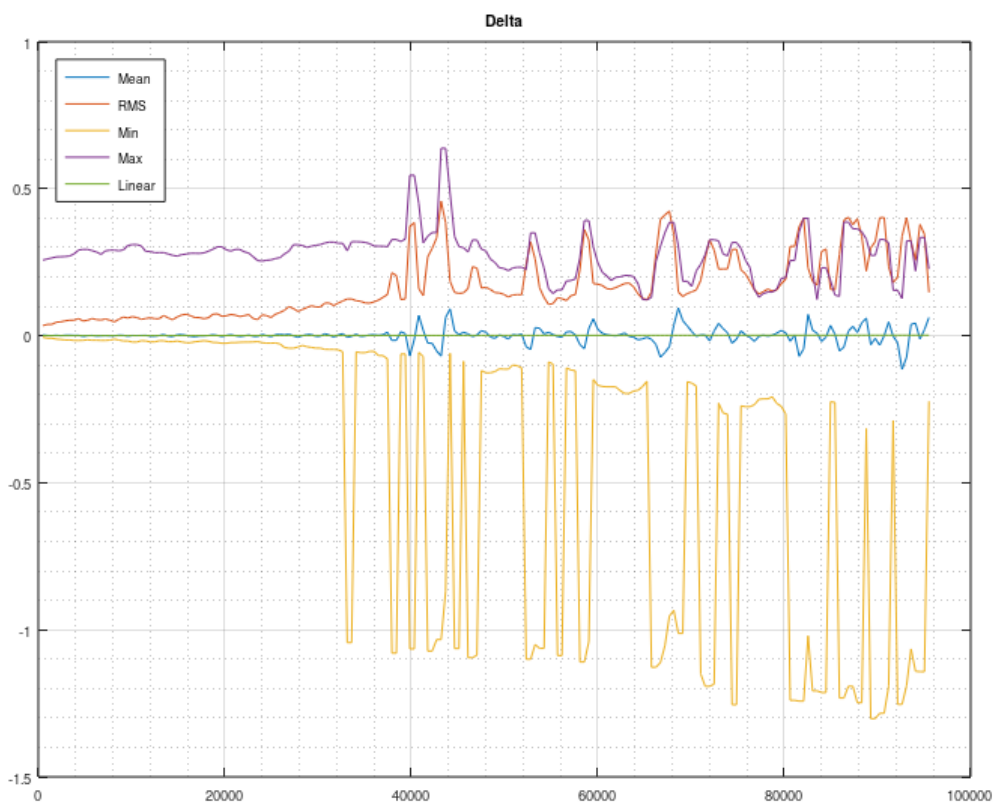
KPI	
Steps	96000
Mean	0.00093
Sigma	0.198
RMS	0.198
Min	-1.3
Median	-0.0145
Max	0.637
Trend	Linear
From	0.000209
To	0.00165

-1.21	-1.04	-0.861	-0.685	-0.509	-0.332	-0.156	0.0203	0.197	0.373	0.549
438	836	472	60	0	1546	18816	47364	22506	3848	114

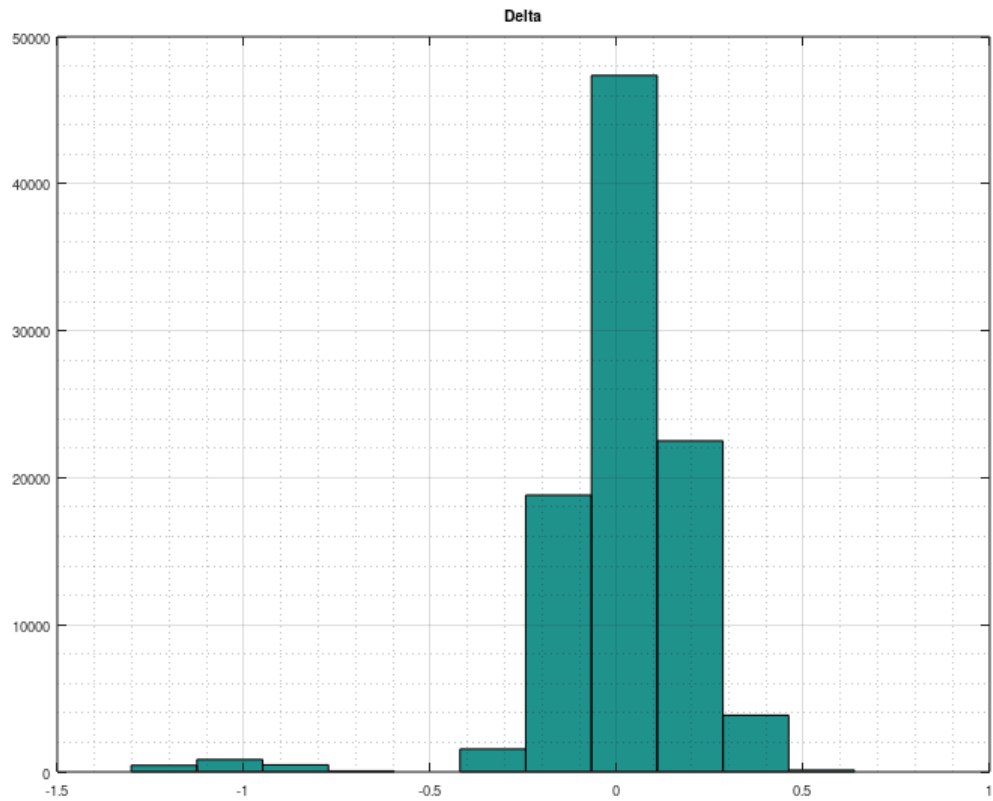
Delta notes

[Notes]

Delta chart



Delta histogram



Discount 0.999 rewards

KPI										
Steps					96000					
Mean					0.0828					
Sigma					0.0809					
RMS					0.116					
Min					-0.153					
Median					0.0515					
Max					0.278					
Trend					Linear					
From					-0.027					
To					0.193					

-0.133	-0.0943	-0.0551	-0.016	0.0232	0.0624	0.102	0.141	0.18	0.219	0.258
255	724	1215	1868	39269	13249	10539	8666	7432	9183	3600

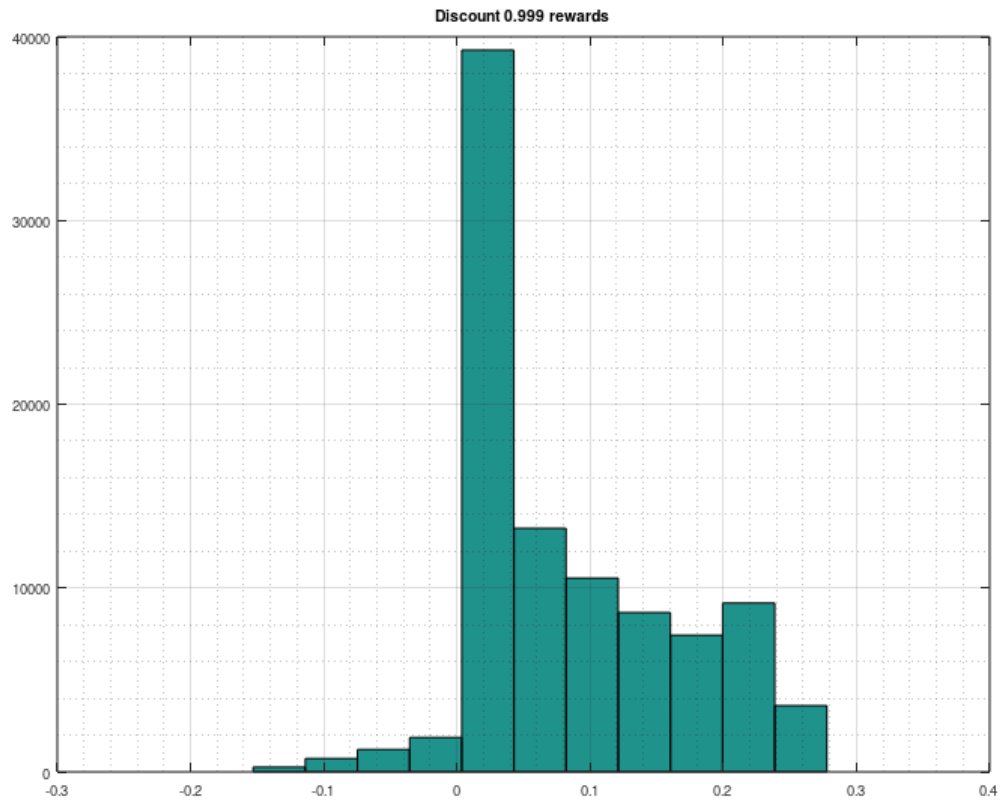
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



Halt max prob.

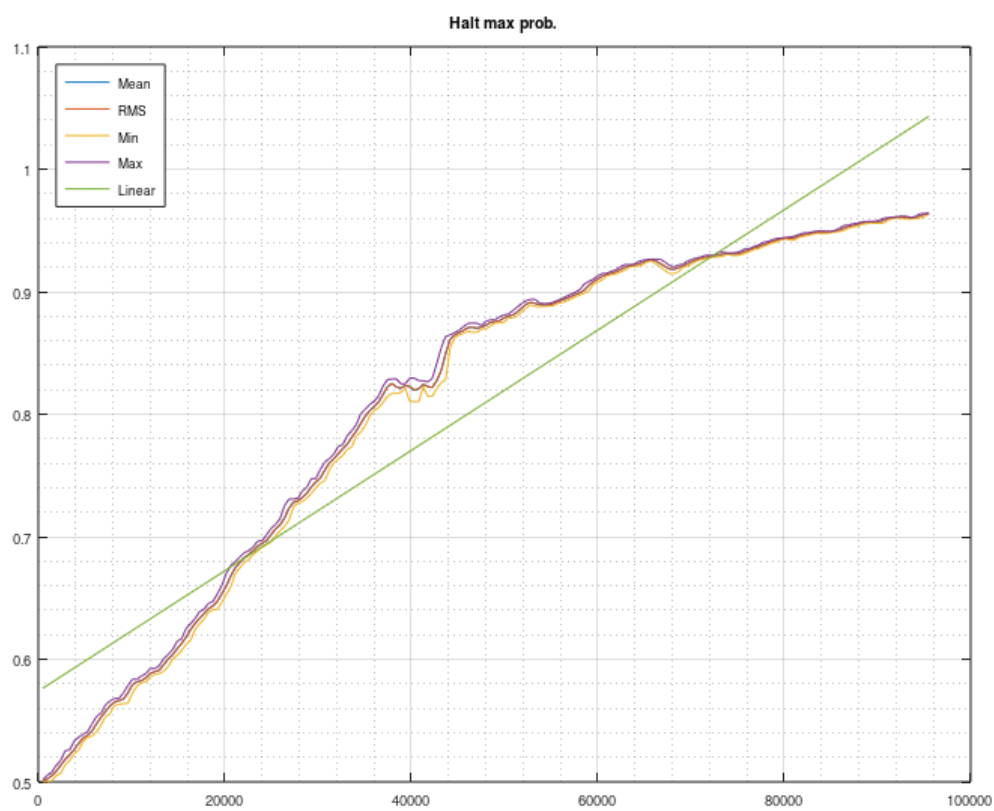
KPI										
Steps										96000
Mean										0.81
Sigma										0.143
RMS										0.822
Min										0.5
Median										0.873
Max										0.964
Trend										Linear
From										0.574
To										1.05

0.521	0.563	0.605	0.648	0.69	0.732	0.774	0.816	0.859	0.901	0.943
5814	5636	5028	4120	5558	4456	4126	8588	6864	16078	29732

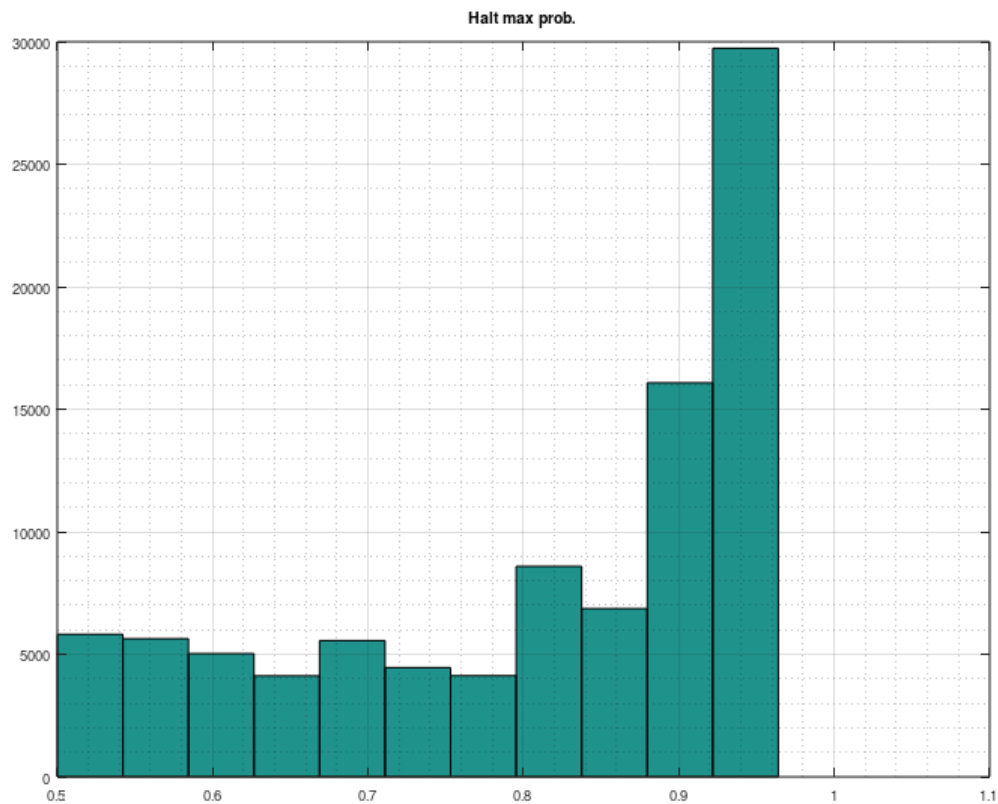
Halt max prob. notes

[Notes]

Halt max prob. chart



Halt max prob. histogram



Direction max prob.

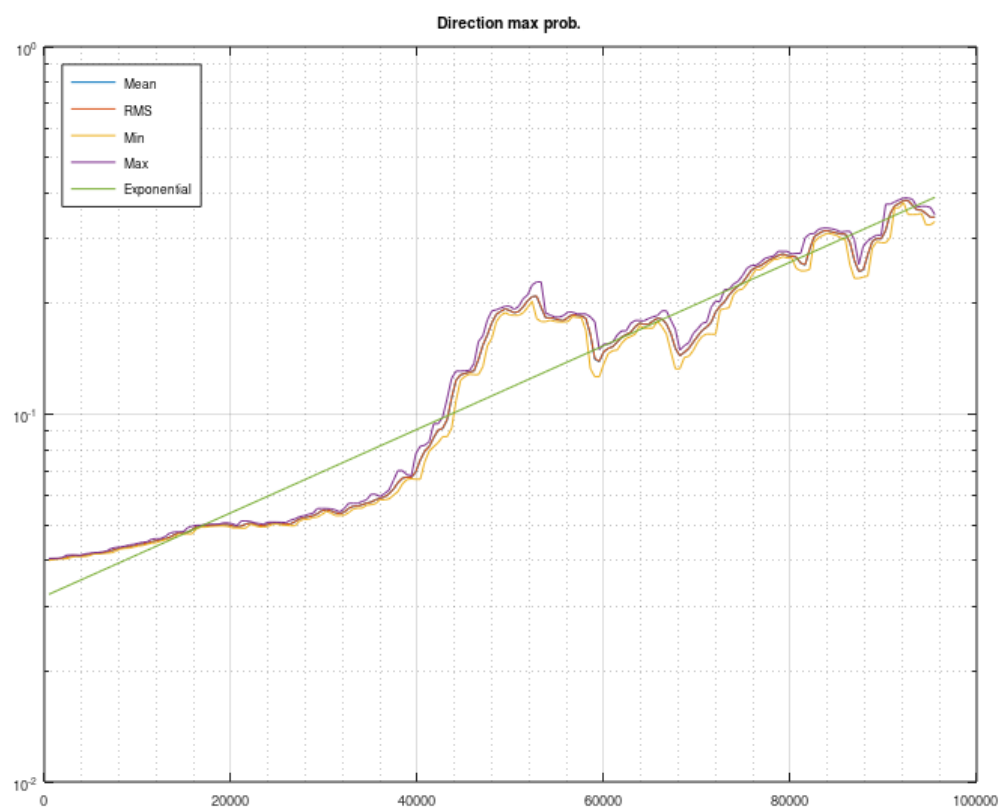
KPI	
Steps	96000
Mean	0.146
Sigma	0.1
RMS	0.178
Min	0.04
Median	0.145
Max	0.387
Trend	Exponential
From	0.032
To	0.394

0.0558	0.0874	0.119	0.151	0.182	0.214	0.245	0.277	0.309	0.34	0.372
40072	3420	3310	8538	15754	3978	4840	4234	6256	1864	3734

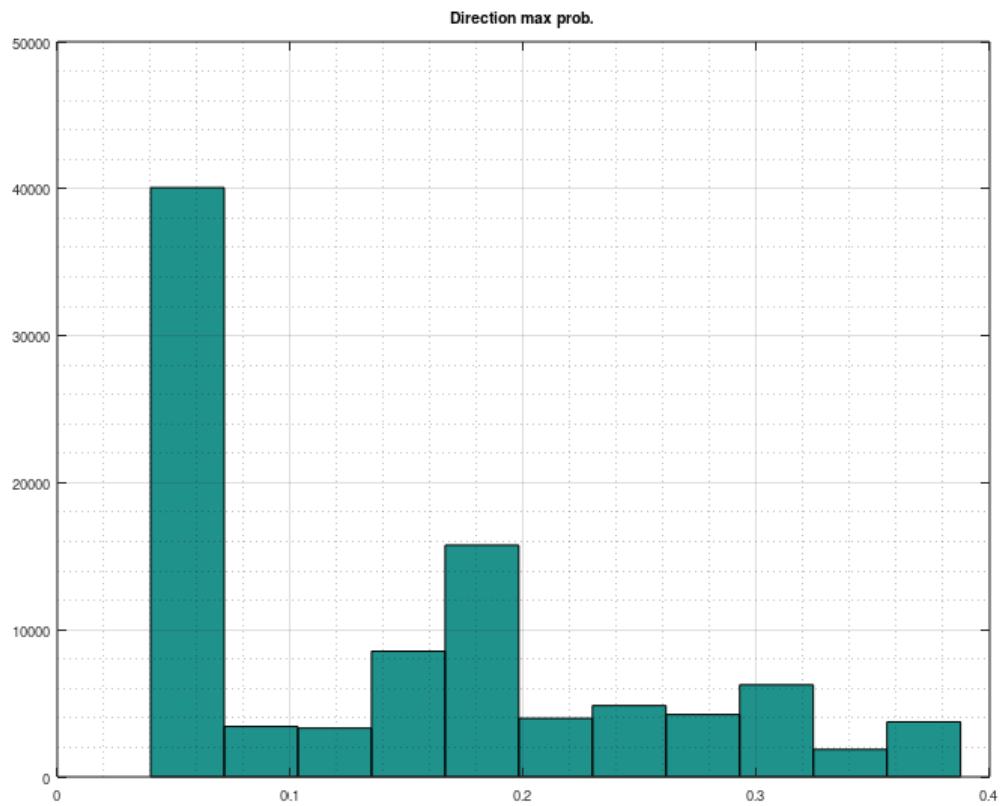
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

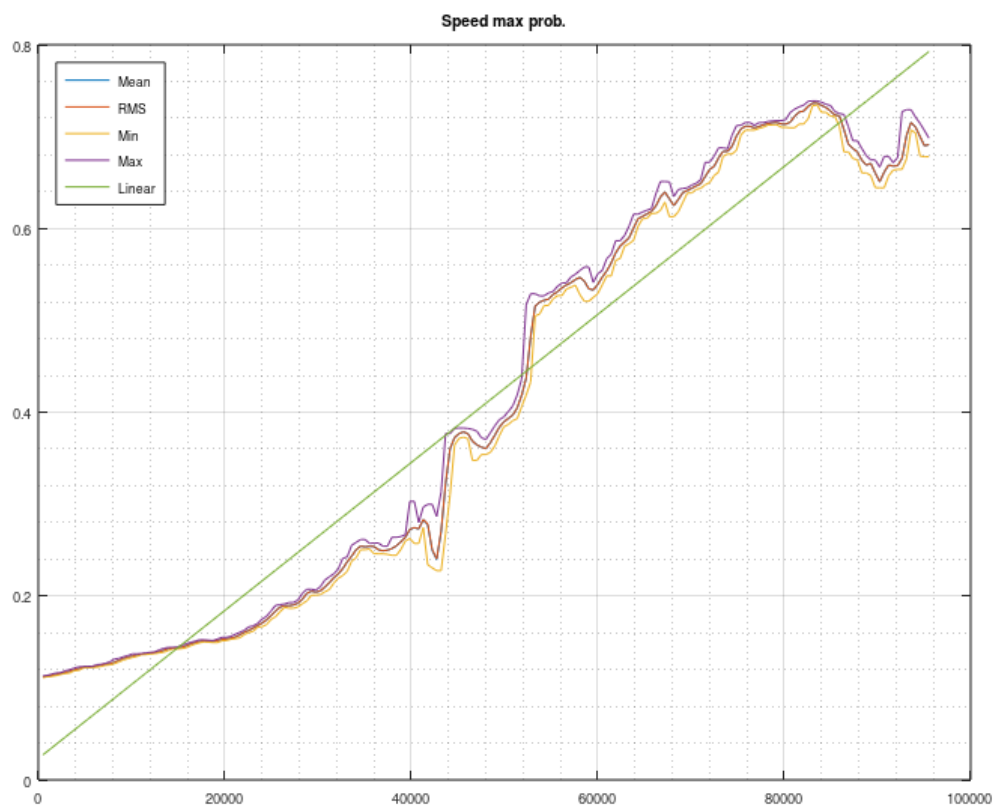
KPI	
Steps	96000
Mean	0.41
Sigma	0.23
RMS	0.47
Min	0.111
Median	0.376
Max	0.739
Trend	Linear
From	0.0232
To	0.796

0.14	0.197	0.254	0.311	0.368	0.425	0.482	0.539	0.596	0.653	0.71
23642	8726	10226	1238	7052	1840	344	8516	5142	11484	17790

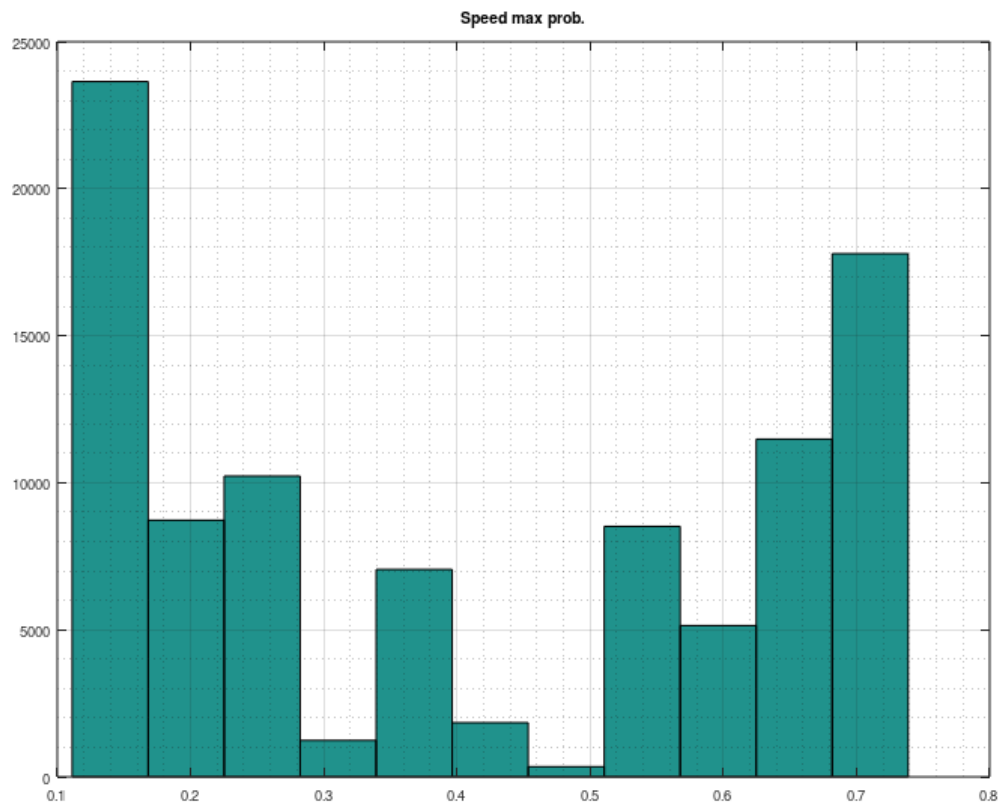
Speed max prob. notes

[Notes]

Speed max prob. chart



Speed max prob. histogram



Sensor direction max prob.

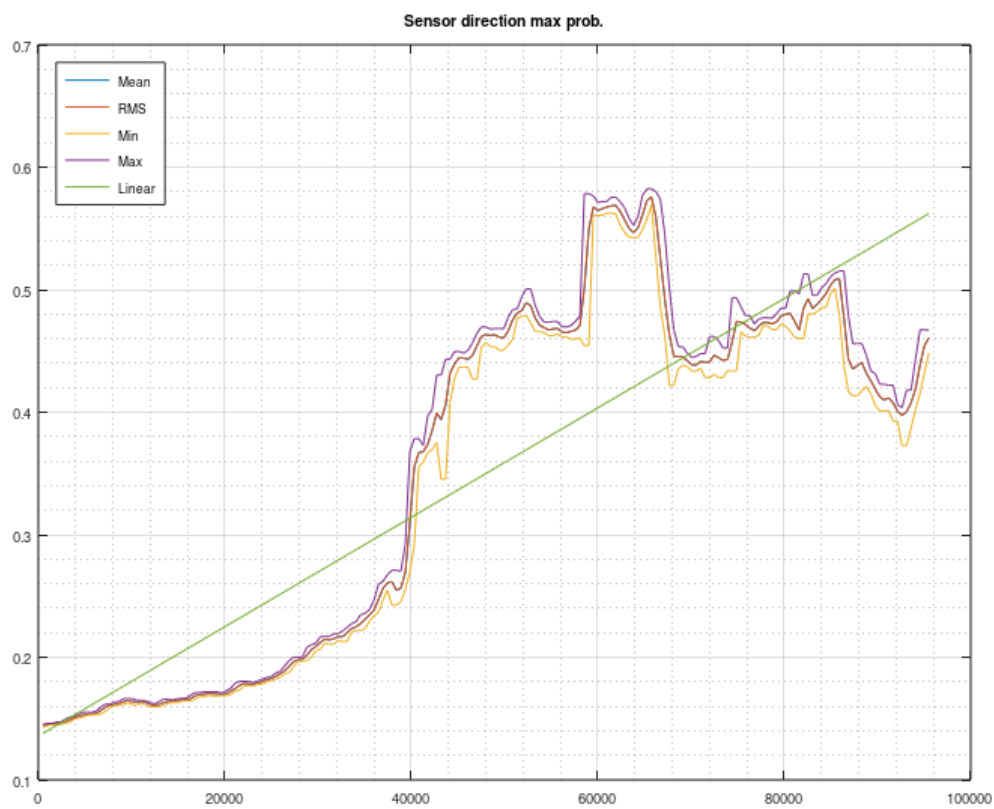
KPI										
Steps										96000
Mean										0.35
Sigma										0.146
RMS										0.379
Min										0.143
Median										0.418
Max										0.582
Trend										Linear
From										0.136
To										0.564

0.163	0.203	0.243	0.283	0.323	0.363	0.403	0.442	0.482	0.522	0.562
25184	8222	5064	1468	42	2556	6402	16210	20898	2304	7650

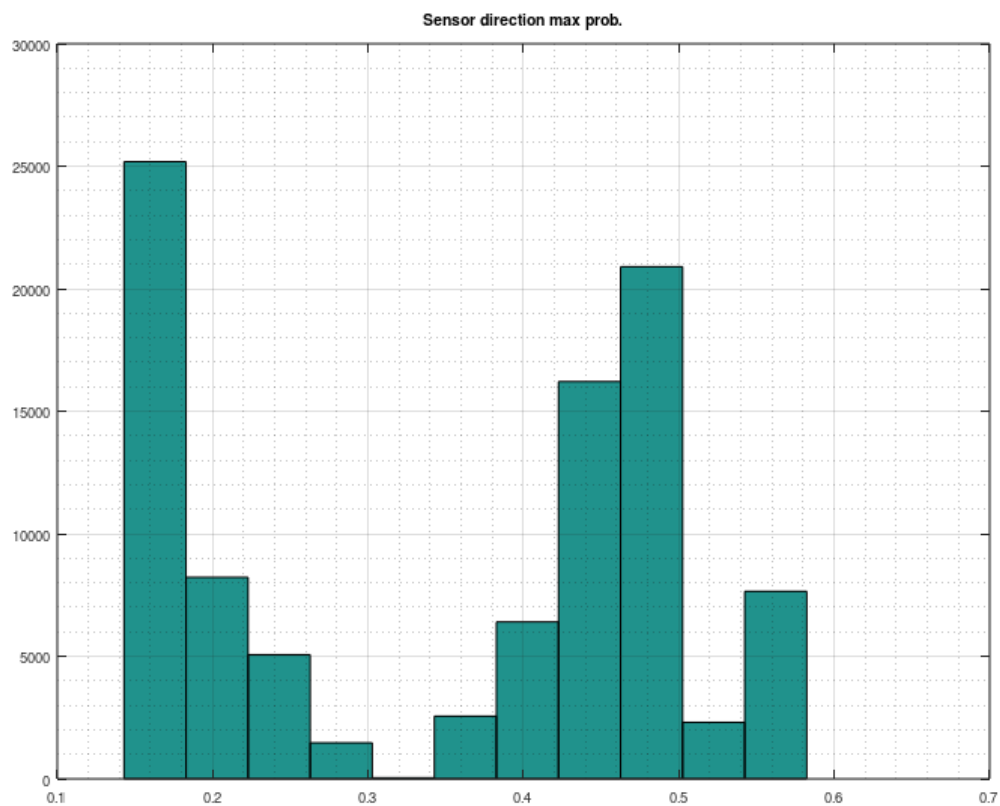
Sensor direction max prob. notes

[Notes]

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta halt prob.

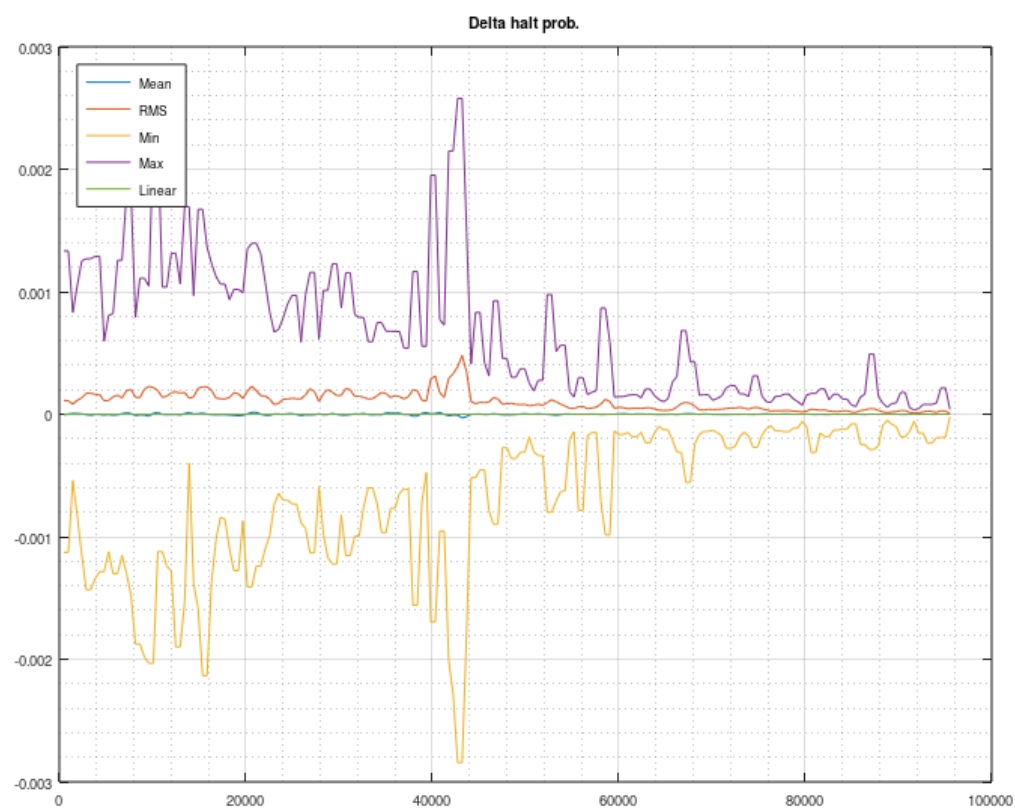
KPI	
Steps	96000
Mean	-6.3e-07
Sigma	0.00013
RMS	0.00013
Min	-0.00284
Median	-1.4e-07
Max	0.00258
Trend	Linear
From	-1.26e-06
To	-3.51e-09

-0.0026	-0.0021	-0.00161	-0.00112	-0.000625	-0.000133	0.00036	0.000853	0.00135	0.00184	0.00233
2	18	52	198	684	91572	3022	346	84	16	6

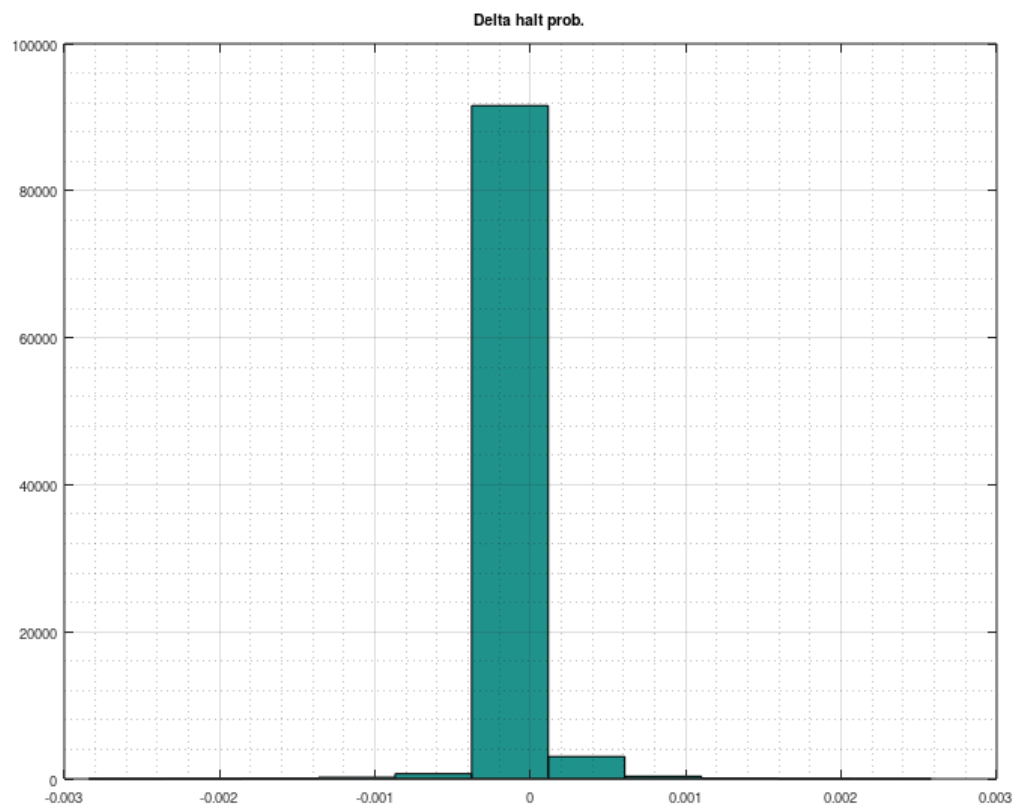
Delta halt prob. notes

[Notes]

Delta halt prob. chart



Delta halt prob. histogram



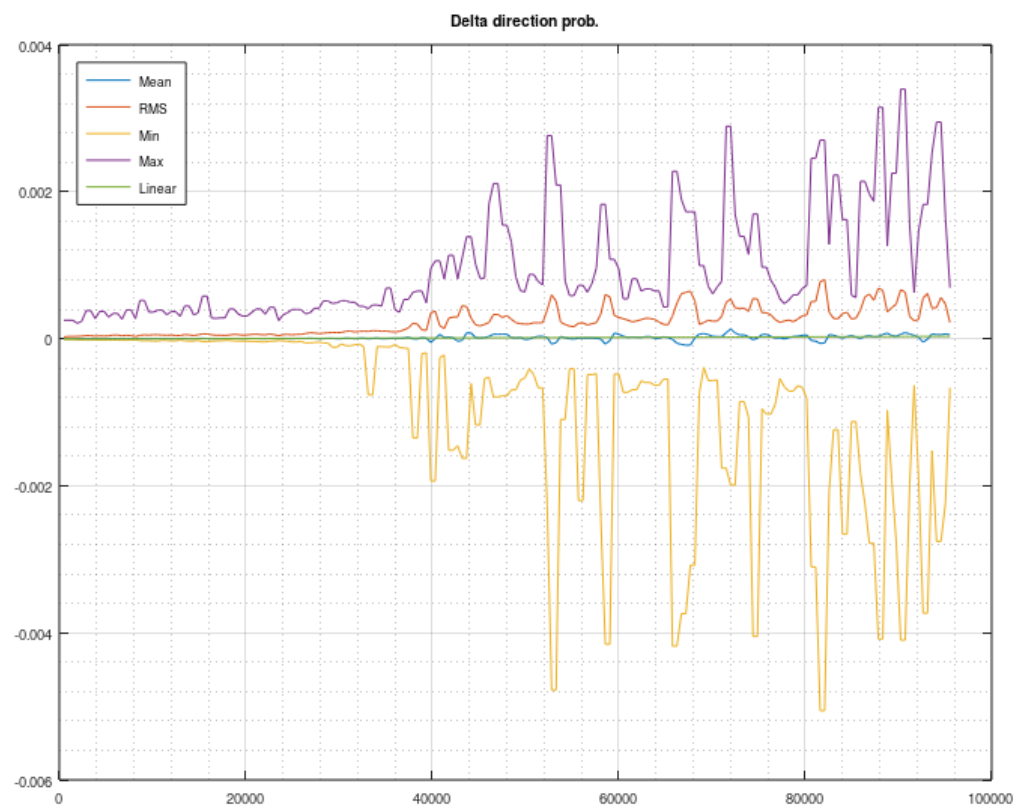
Delta direction prob.

KPI	
Steps	96000
Mean	1.26e-05
Sigma	0.000297
RMS	0.000298
Min	-0.00506
Median	-1.01e-05
Max	0.00339
Trend	Linear
From	-6.1e-06
To	3.12e-05

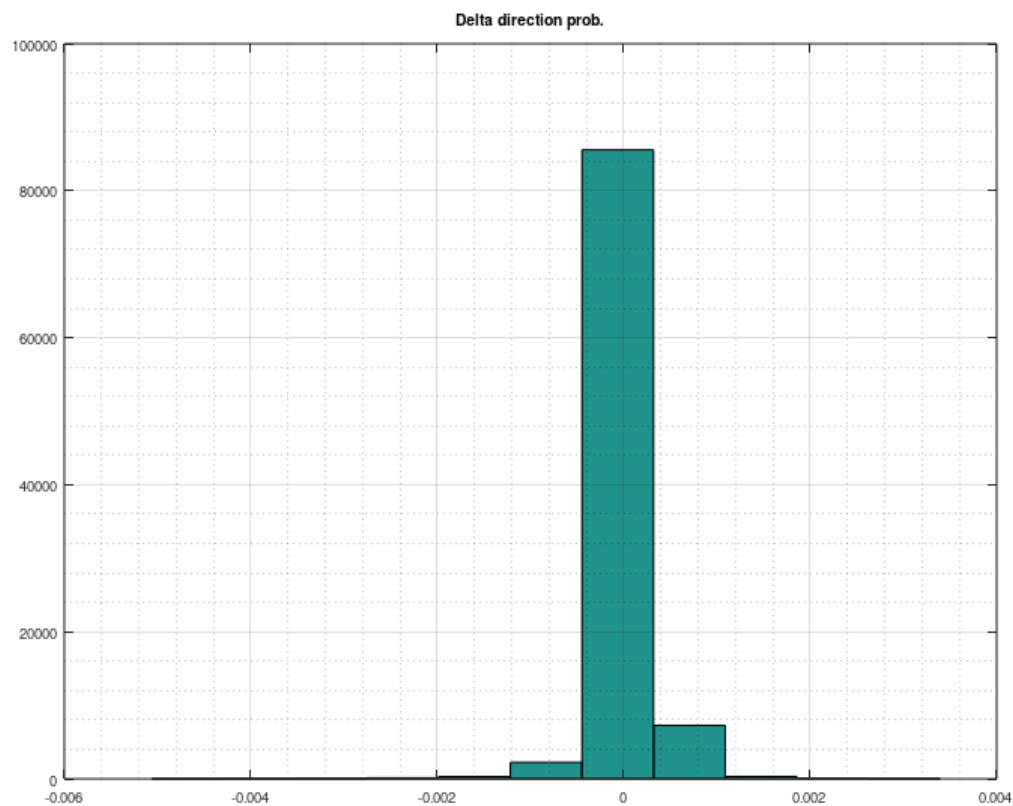
-0.00468	-0.00391	-0.00314	-0.00237	-0.0016	-0.000833	-6.47e-05	0.000704	0.00147	0.00224	0.00301
6	32	58	130	298	2232	85554	7268	316	74	32

Delta direction prob. notes

Delta direction prob. chart



Delta direction prob. histogram



Delta speed prob.

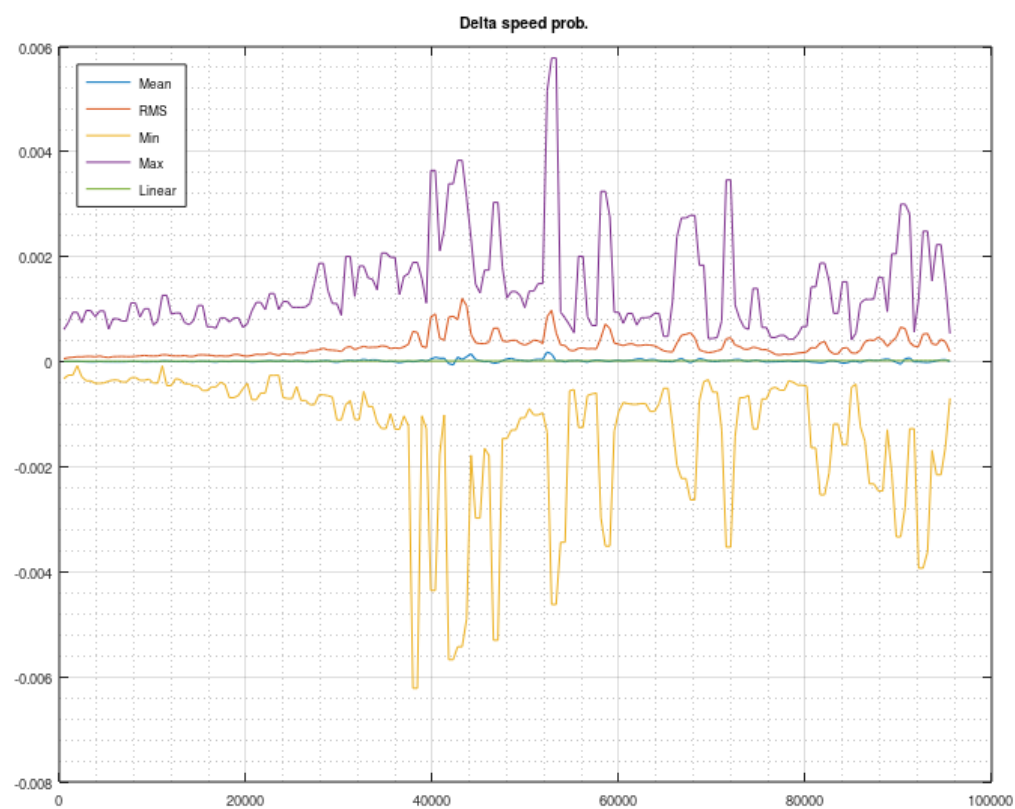
KPI	
Steps	96000
Mean	1.54e-05
Sigma	0.00035
RMS	0.000351
Min	-0.00622
Median	-1.56e-05
Max	0.00578
Trend	Linear
From	9.45e-06
To	2.14e-05

-0.00567	-0.00458	-0.00349	-0.0024	-0.00131	-0.000218	0.000873	0.00196	0.00305	0.00415	0.00524
8	22	70	178	970	86328	7970	332	88	22	12

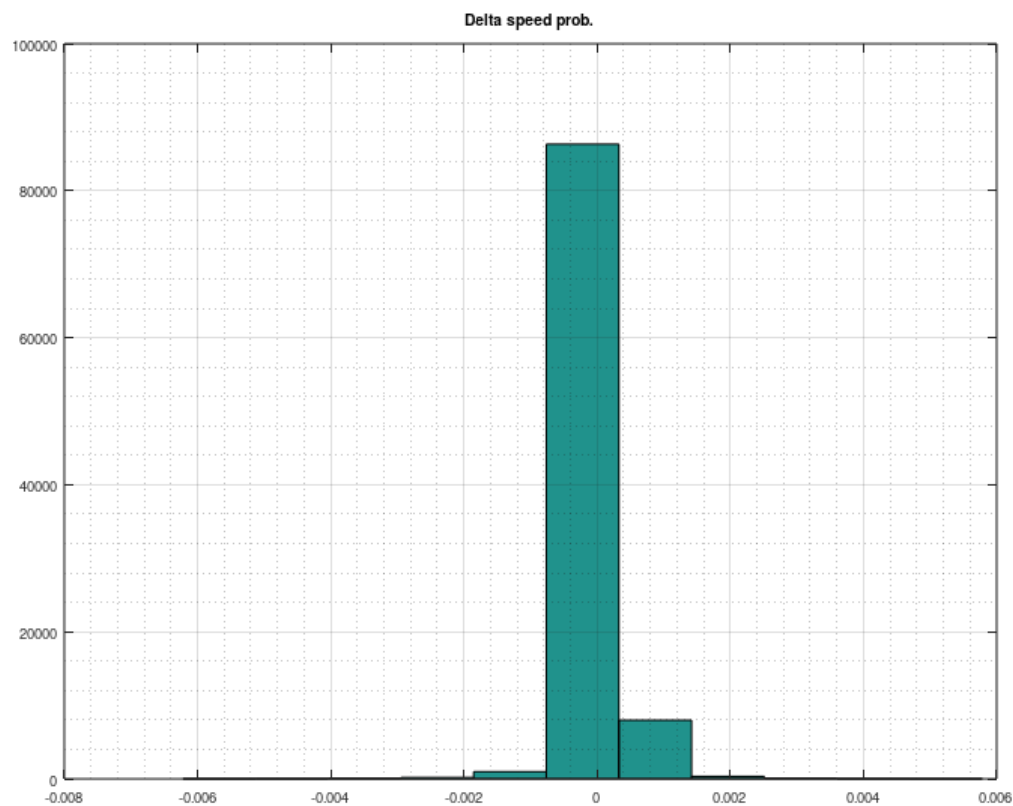
Delta speed prob. notes

[Notes]

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

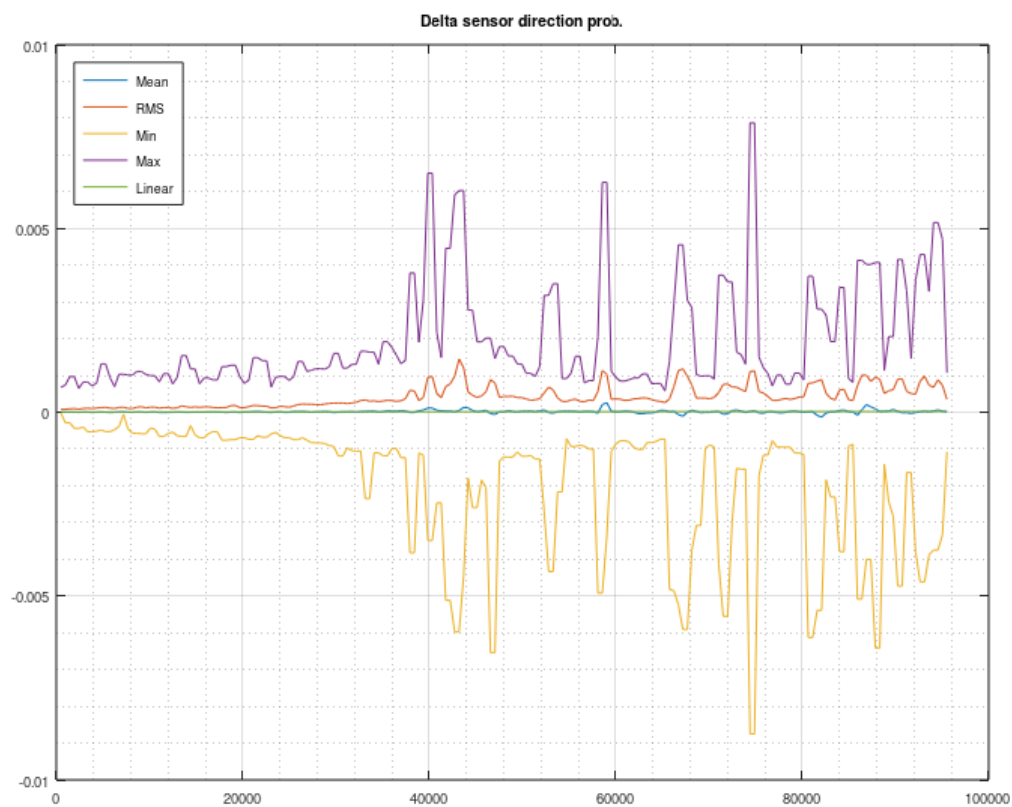
KPI	
Steps	96000
Mean	1.46e-05
Sigma	0.000508
RMS	0.000508
Min	-0.00875
Median	-1.62e-05
Max	0.00787
Trend	Linear
From	7.64e-06
To	2.16e-05

-0.008	-0.00649	-0.00497	-0.00346	-0.00195	-0.00044	0.00107	0.00258	0.00409	0.00561	0.00712
4	16	72	256	730	79948	14412	410	110	34	8

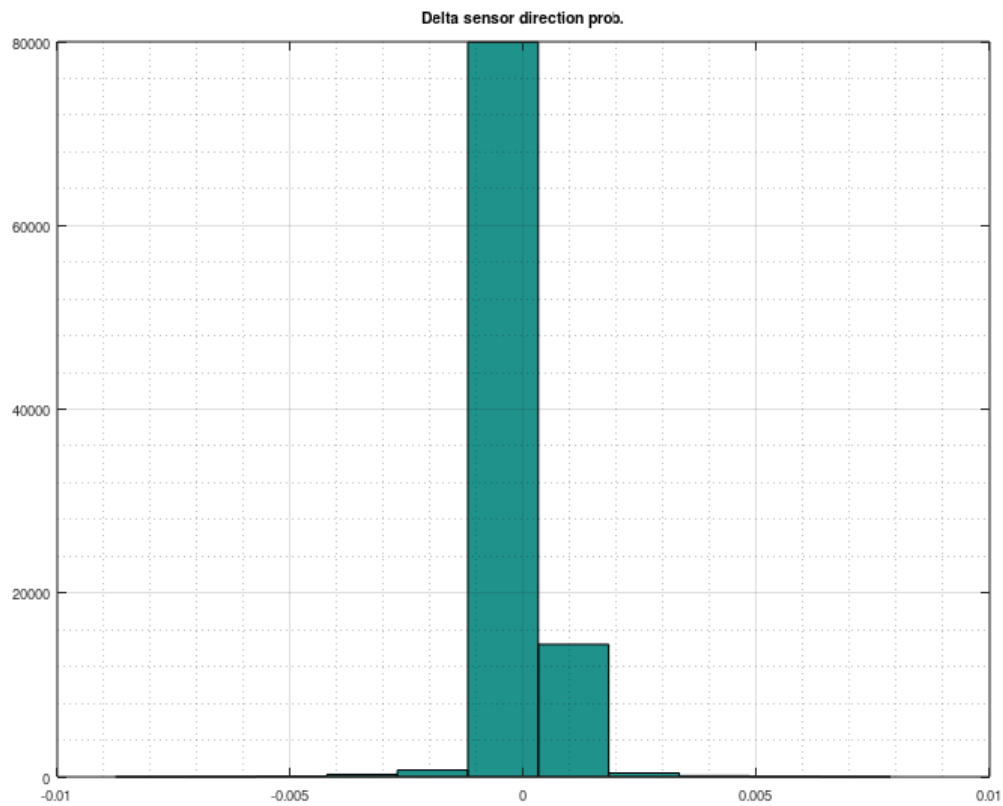
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

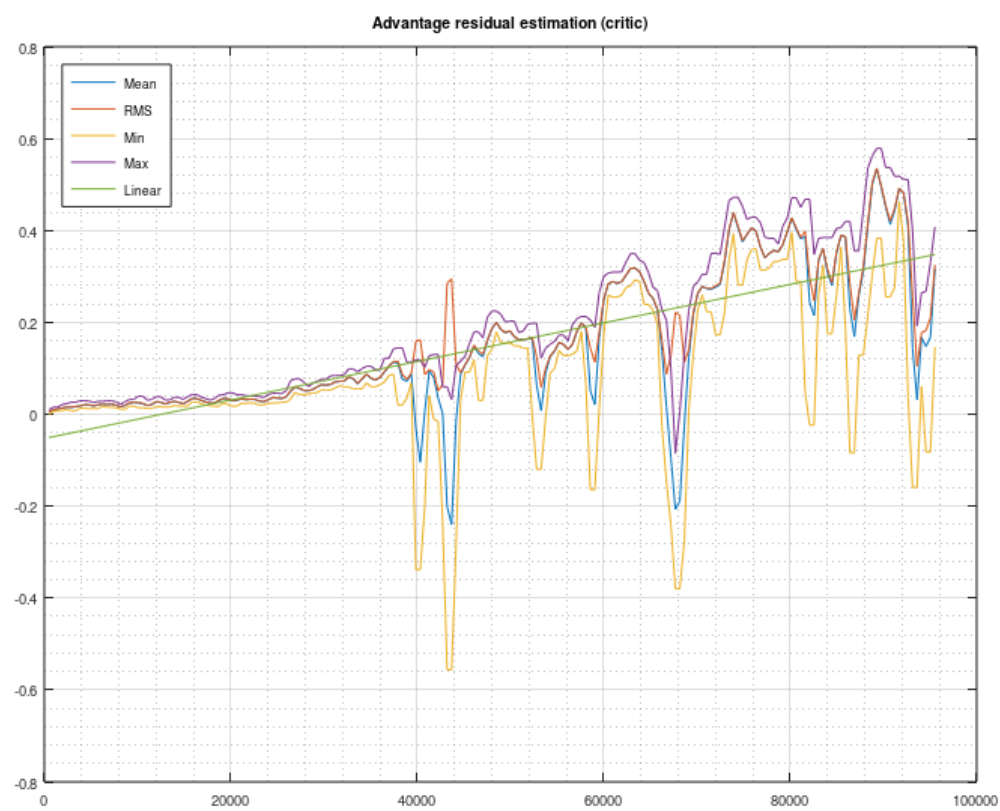
KPI	
Steps	96000
Mean	0.148
Sigma	0.162
RMS	0.219
Min	-0.556
Median	0.0979
Max	0.579
Trend	Linear
From	-0.0529
To	0.35

-0.505	-0.402	-0.298	-0.195	-0.092	0.0112	0.114	0.218	0.321	0.424	0.527
132	166	720	1046	1992	35058	20258	11682	13280	9004	2662

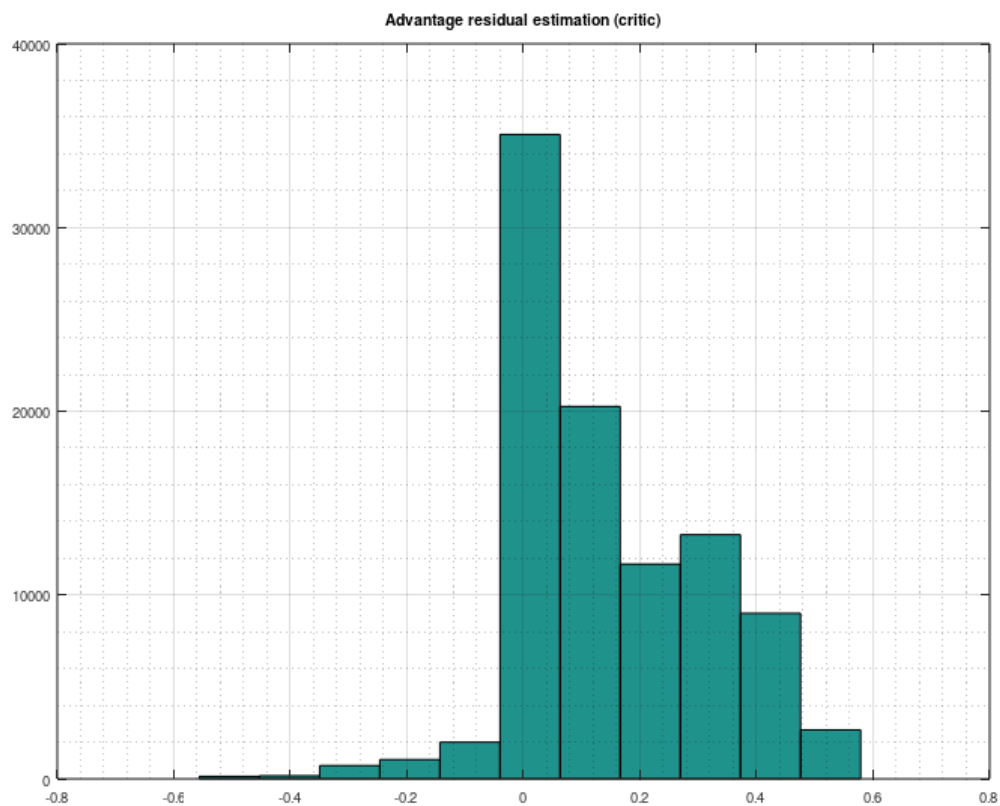
Advantage residual estimation (critic) notes

[Notes]

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



Delta Advantage residual estimation (critic)

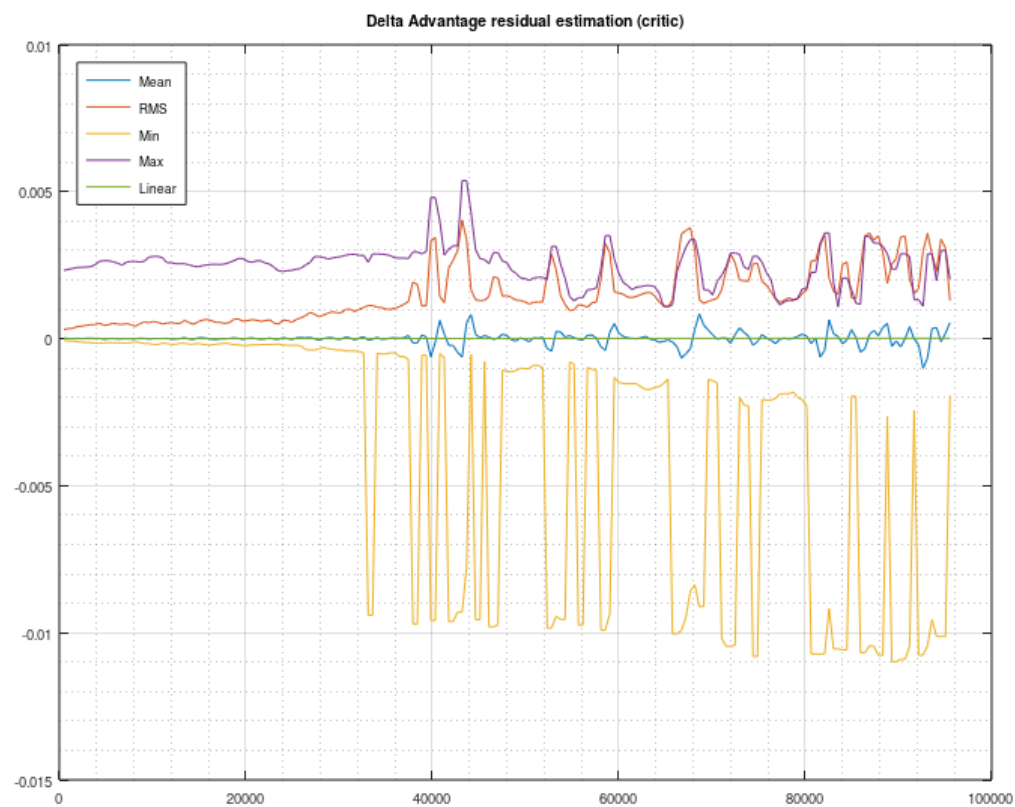
KPI	
Steps	96000
Mean	8.51e-06
Sigma	0.00176
RMS	0.00176
Min	-0.011
Median	-0.00013
Max	0.00537
Trend	Linear
From	1.53e-06
To	1.55e-05

-0.0102	-0.00875	-0.00727	-0.00578	-0.00429	-0.0028	-0.00132	0.000169	0.00166	0.00314	0.00463
704	784	272	46	0	1718	19266	46030	21394	5642	144

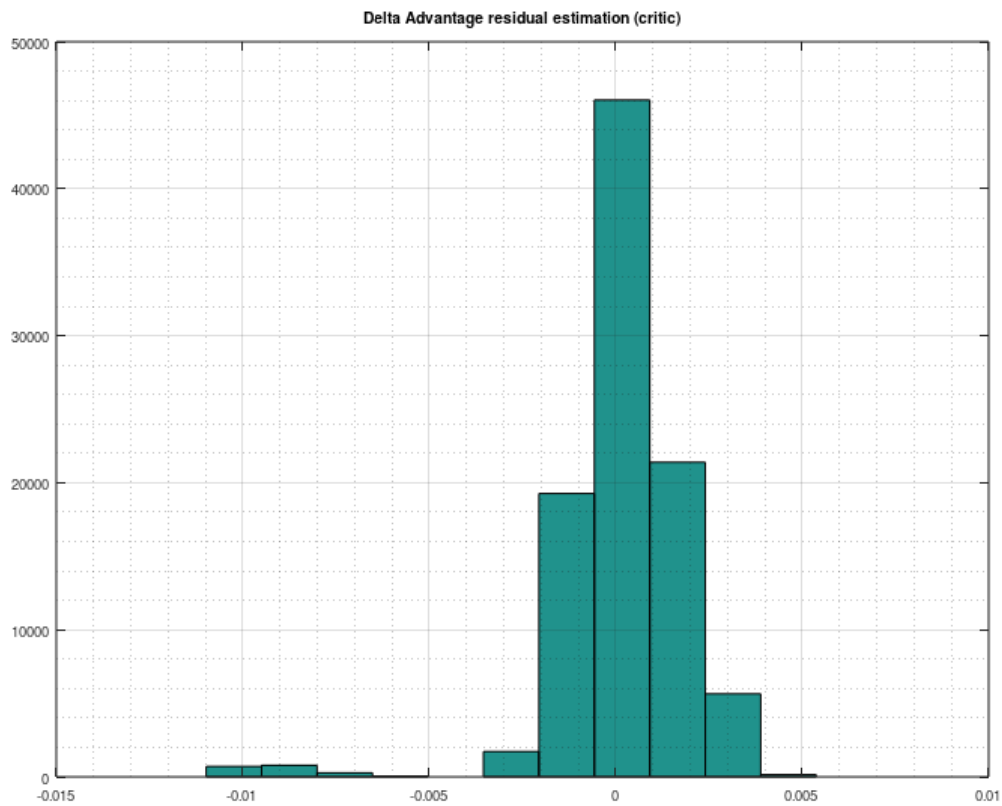
Delta Advantage residual estimation (critic) notes

[Notes]

Delta Advantage residual estimation (critic) chart



Delta Advantage residual estimation (critic) histogram



Avg Rewards

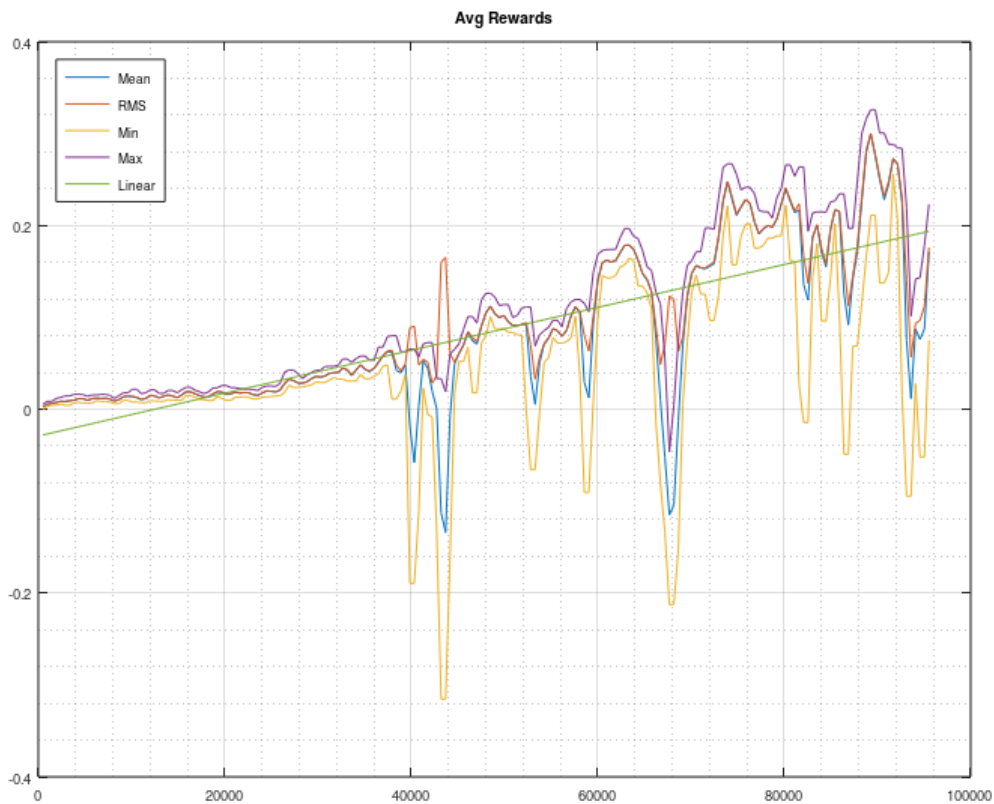
KPI	
Steps	96000
Mean	0.0828
Sigma	0.0905
RMS	0.123
Min	-0.315
Median	0.0543
Max	0.326
Trend	Linear
From	-0.0292
To	0.195

-0.286	-0.228	-0.17	-0.111	-0.053	0.00527	0.0636	0.122	0.18	0.238	0.297
126	160	702	1012	2008	34936	20342	11862	13624	8794	2434

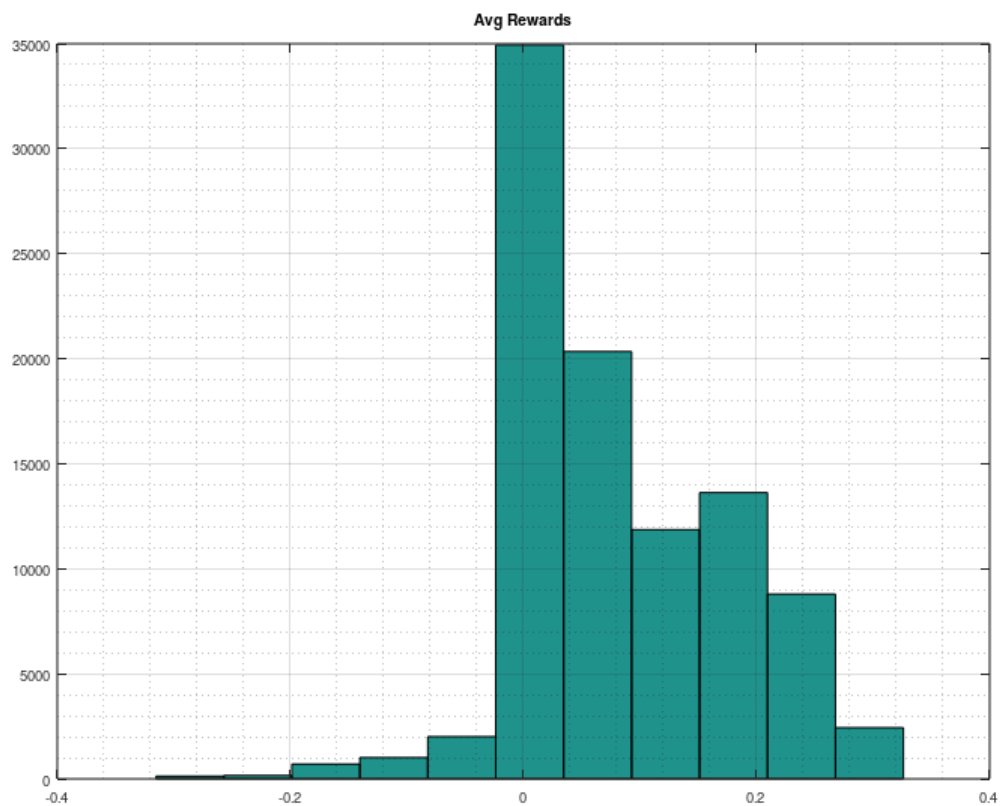
Avg Rewards notes

[Notes]

Avg Rewards chart



Avg Rewards histogram



Halt gradient

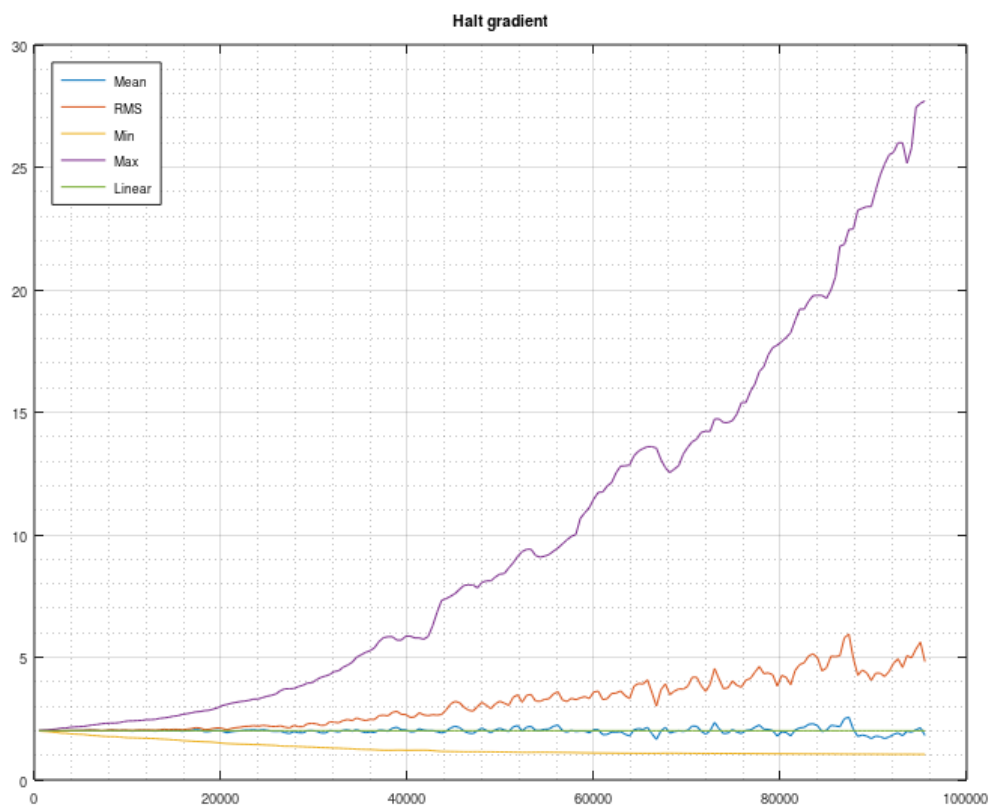
KPI	
Steps	96000
Mean	2
Sigma	2.63
RMS	3.3
Min	1.04
Median	1.16
Max	27.7
Trend	Linear
From	2
To	2

2.25	4.67	7.1	9.52	11.9	14.4	16.8	19.2	21.6	24.1	26.5
88182	3552	970	1042	692	634	246	308	138	138	98

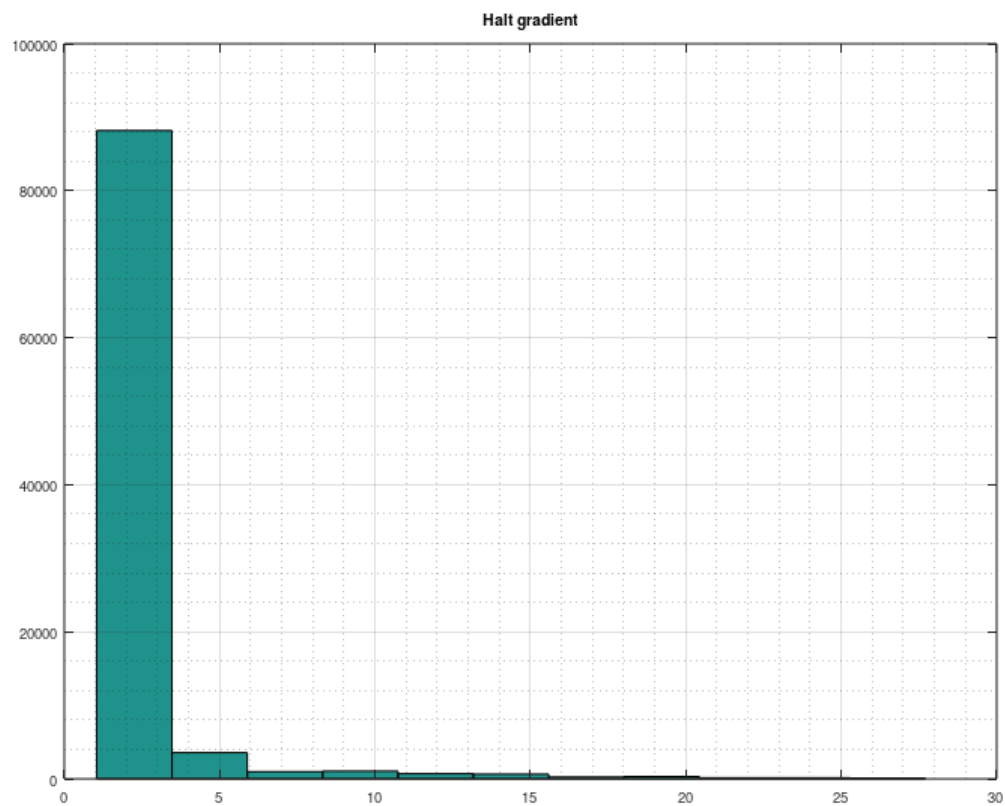
Halt gradient notes

[Notes]

Halt gradient chart



Halt gradient histogram



Direction gradient

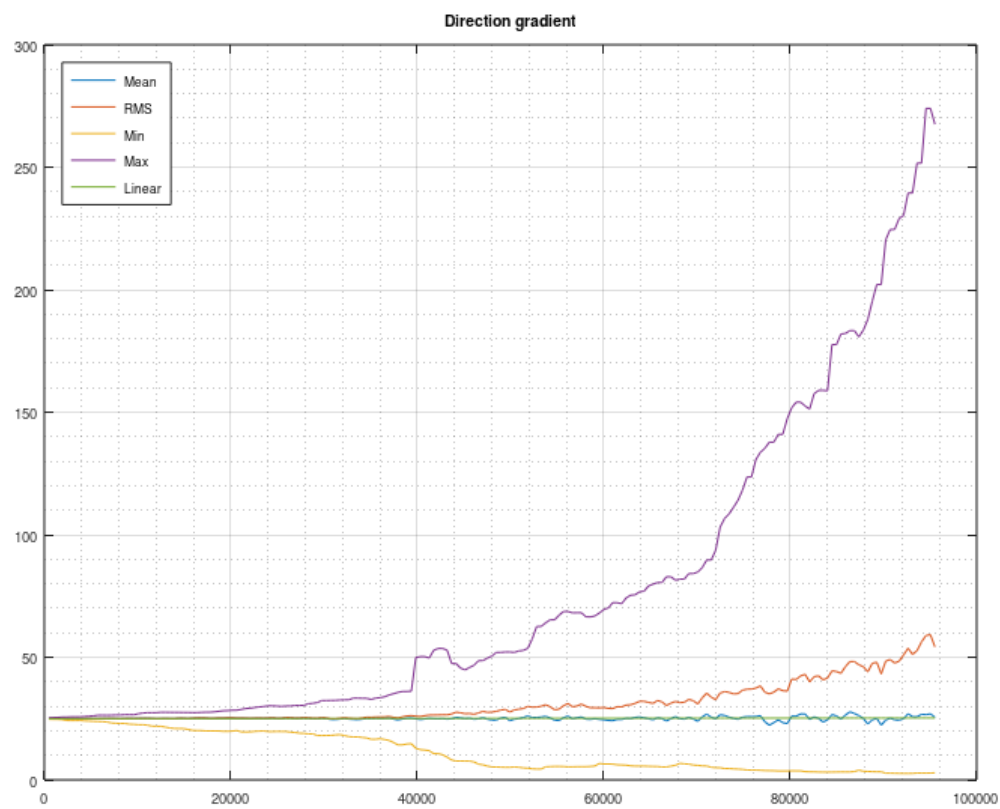
KPI										
Steps										96000
Mean										25.1
Sigma										20.3
RMS										32.3
Min										2.58
Median										24.7
Max										274
Trend										Linear
From										24.9
To										25.2

14.9	39.6	64.3	88.9	114	138	163	188	212	237	262
69916	20242	3332	1246	536	334	206	108	30	34	16

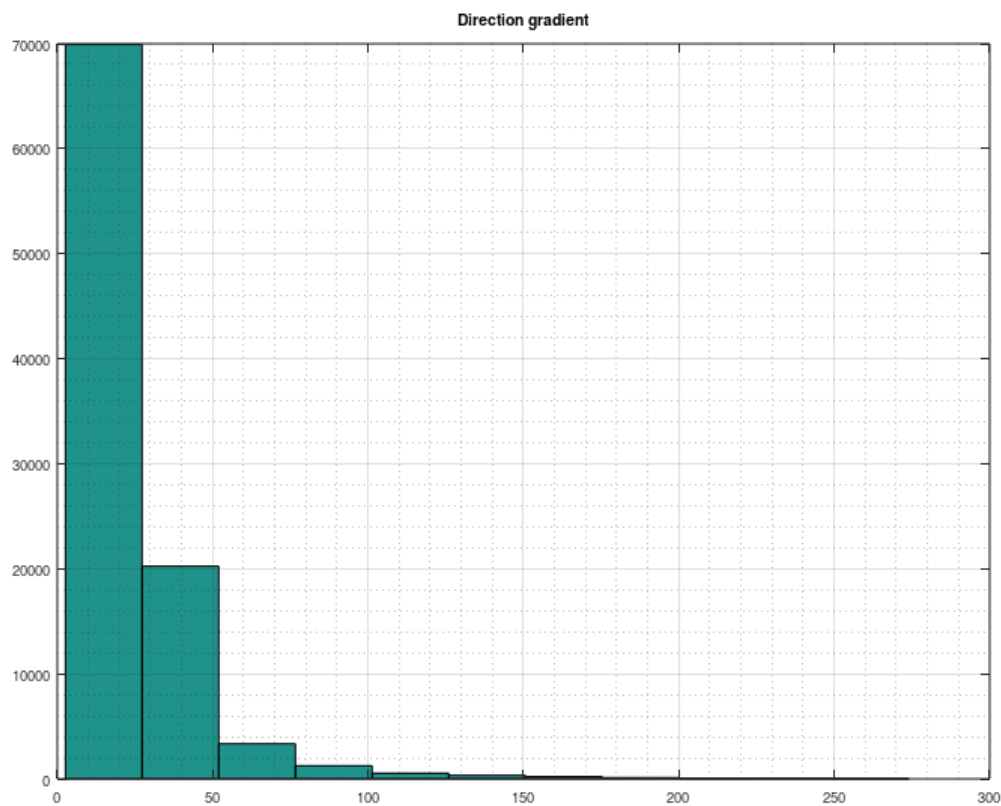
Direction gradient notes

[Notes]

Direction gradient chart



Direction gradient histogram



Speed gradient

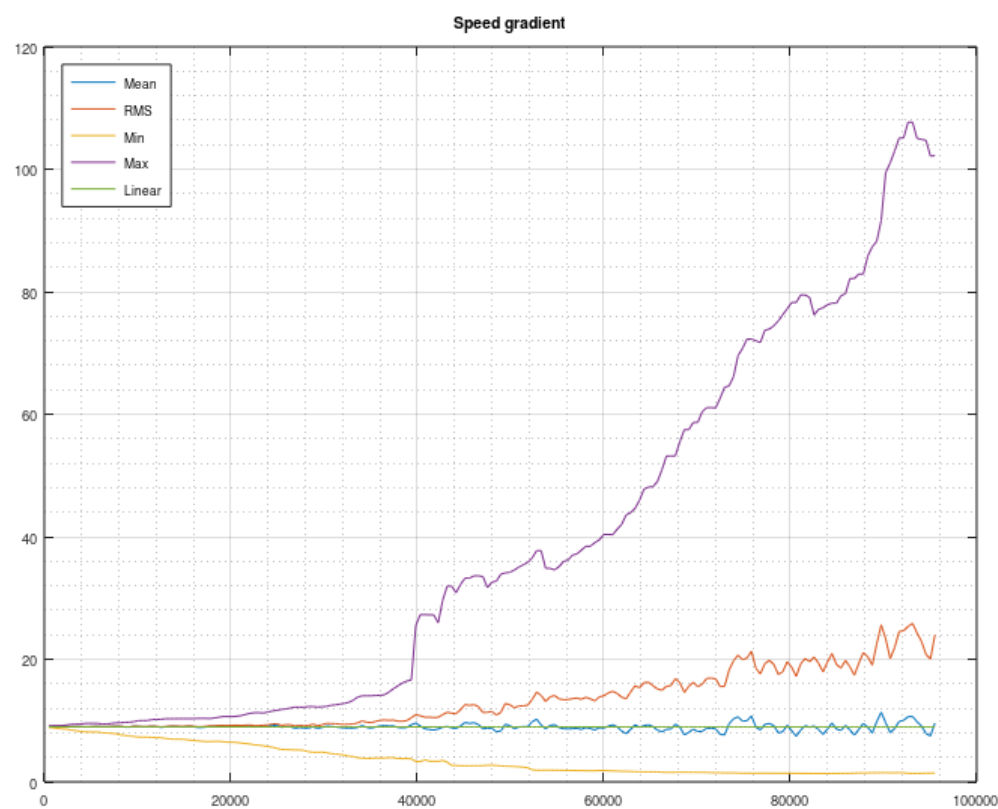
KPI	
Steps	96000
Mean	8.95
Sigma	11.1
RMS	14.2
Min	1.35
Median	7.44
Max	108
Trend	Linear
From	8.96
To	8.94

6.19	15.9	25.5	35.2	44.8	54.5	64.2	73.8	83.5	93.2	103
77868	11520	1722	1848	1110	752	502	420	134	48	76

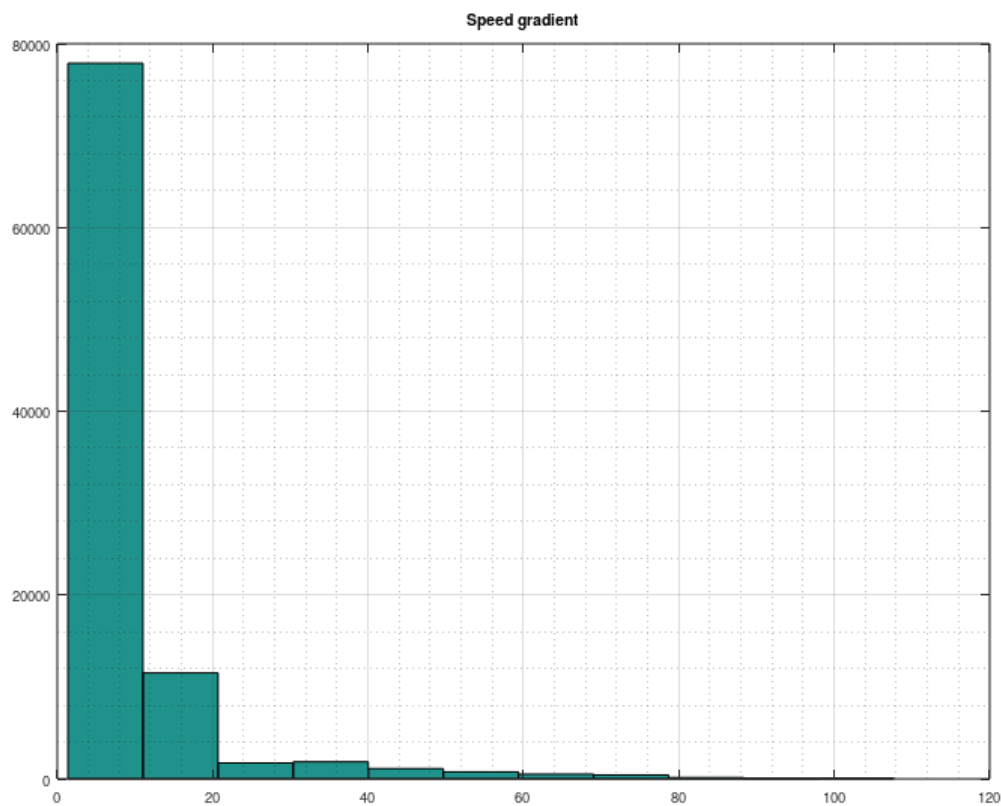
Speed gradient notes

[Notes]

Speed gradient chart



Speed gradient histogram



Sensor direction gradient

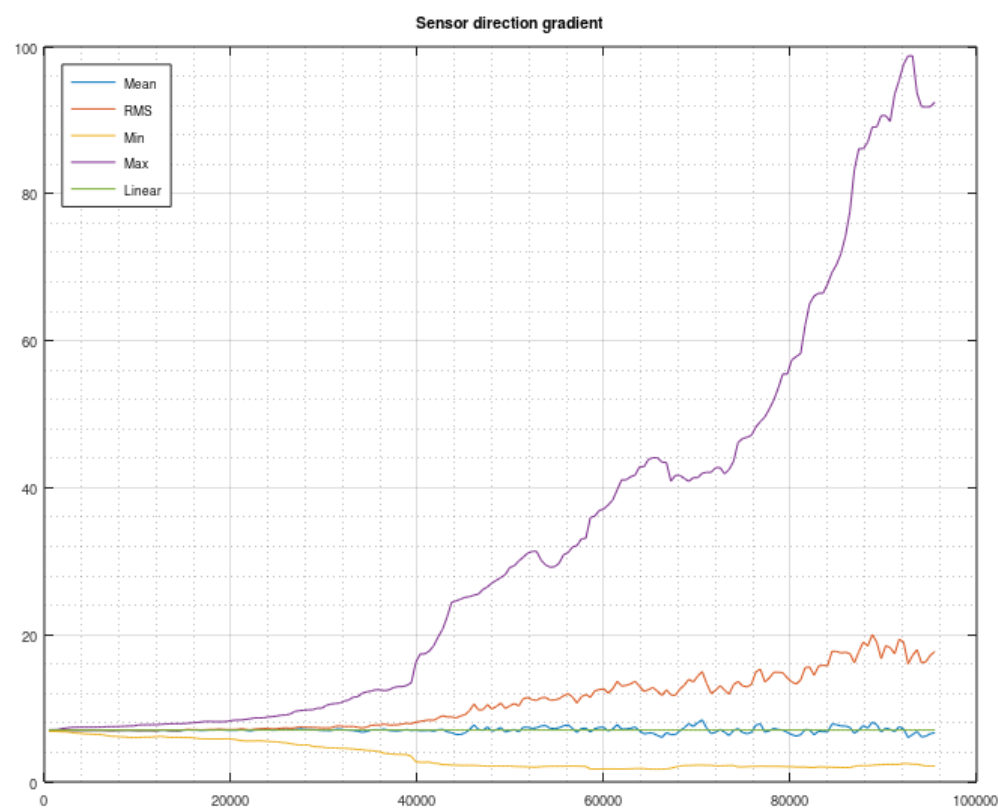
KPI	
Steps	96000
Mean	7.03
Sigma	8.97
RMS	11.4
Min	1.72
Median	5.16
Max	98.7
Trend	Linear
From	7.04
To	7.03

6.13	14.9	23.8	32.6	41.4	50.2	59.1	67.9	76.7	85.5	94.3
86976	3856	1474	1332	1166	318	370	236	54	154	64

Sensor direction gradient notes

[Notes]

Sensor direction gradient chart



Sensor direction gradient histogram

