

Report

20 November 2022, 22:43

Data folder C:\Users\marco\Desktop\wheellyj\data\radar-agent-300e-6\

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Rewards

KPI	
Mean	0.0228
Sigma	0.0739
RMS	0.0774
Min	0
Median	0
Max	0.365
Trend	Linear
From	0.0202

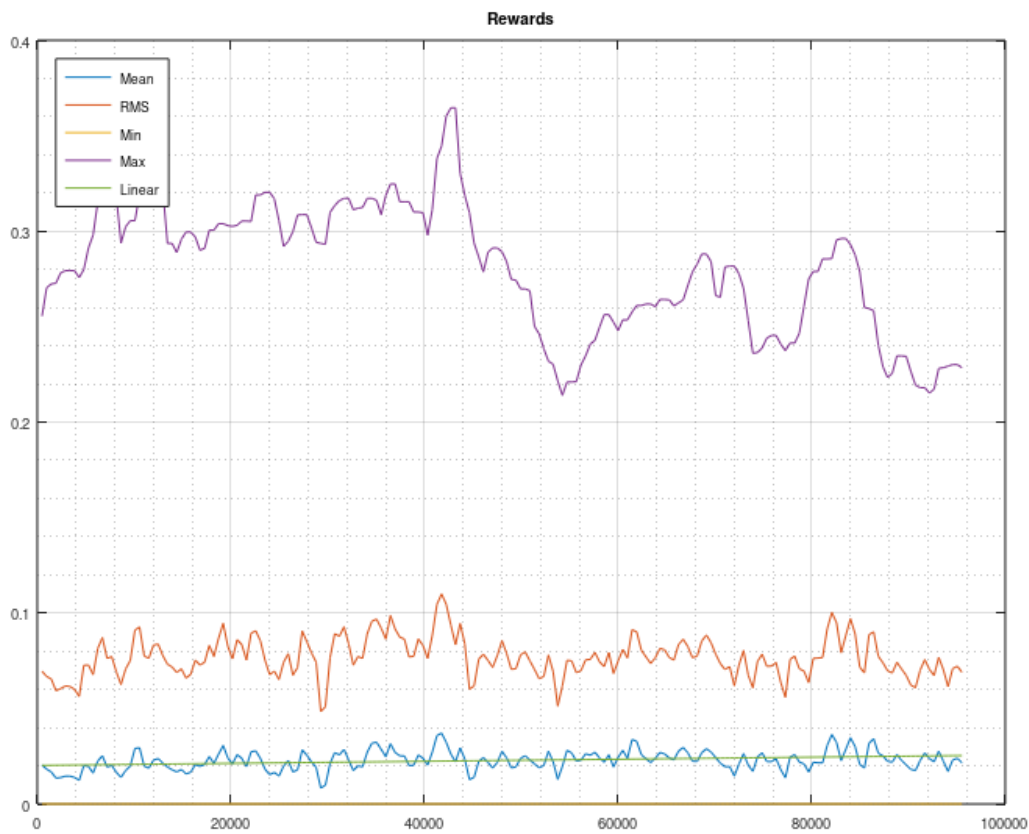
KPI	
To	0.0254

0.0166	0.0497	0.0829	0.116	0.149	0.182	0.215	0.249	0.282	0.315	0.348
87174	0	0	950	0	0	1794	2062	2190	1696	134

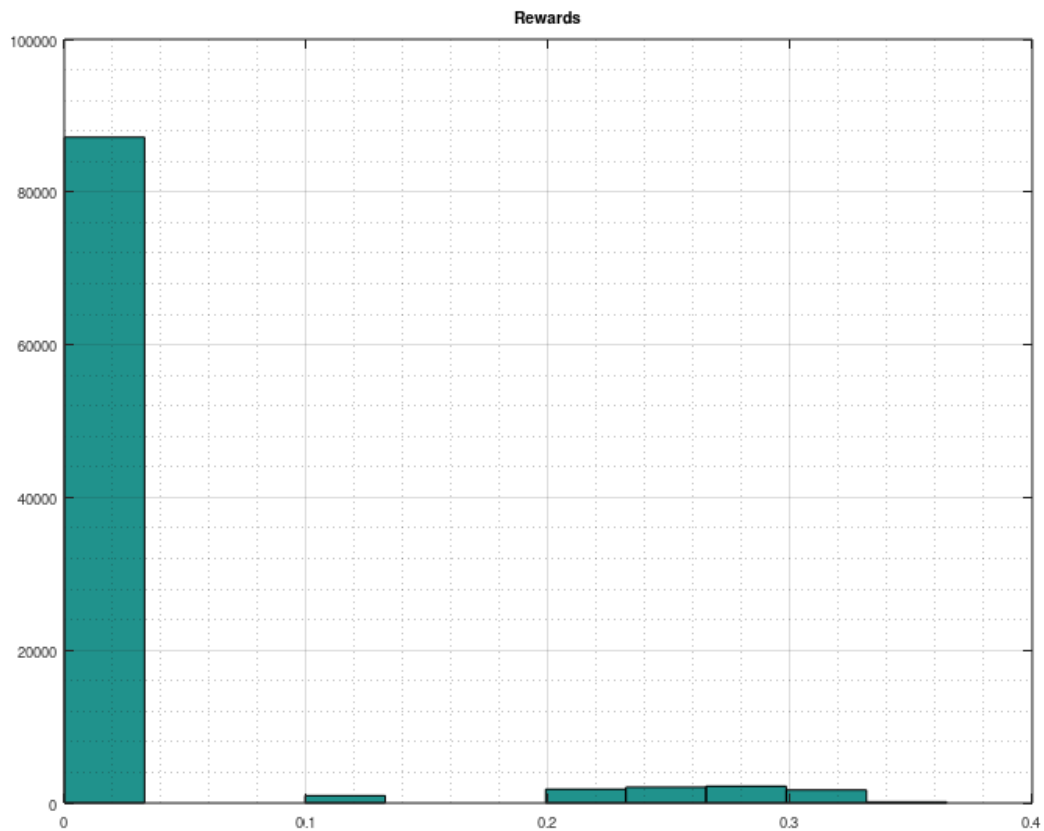
Rewards notes

[Notes]

Rewards chart



Rewards histogram



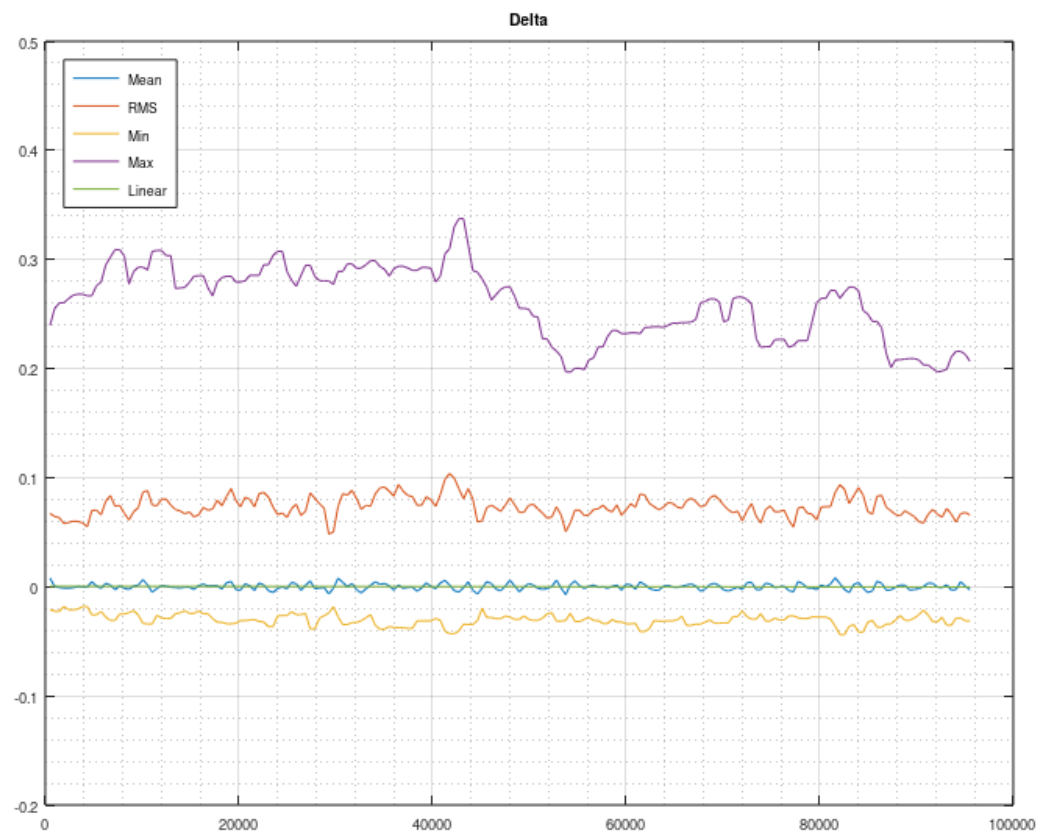
Delta

KPI	
Mean	9.33e-05
Sigma	0.0739
RMS	0.0739
Min	-0.0439
Median	-0.0218
Max	0.337
Trend	Linear
From	0.00038
To	-0.000193

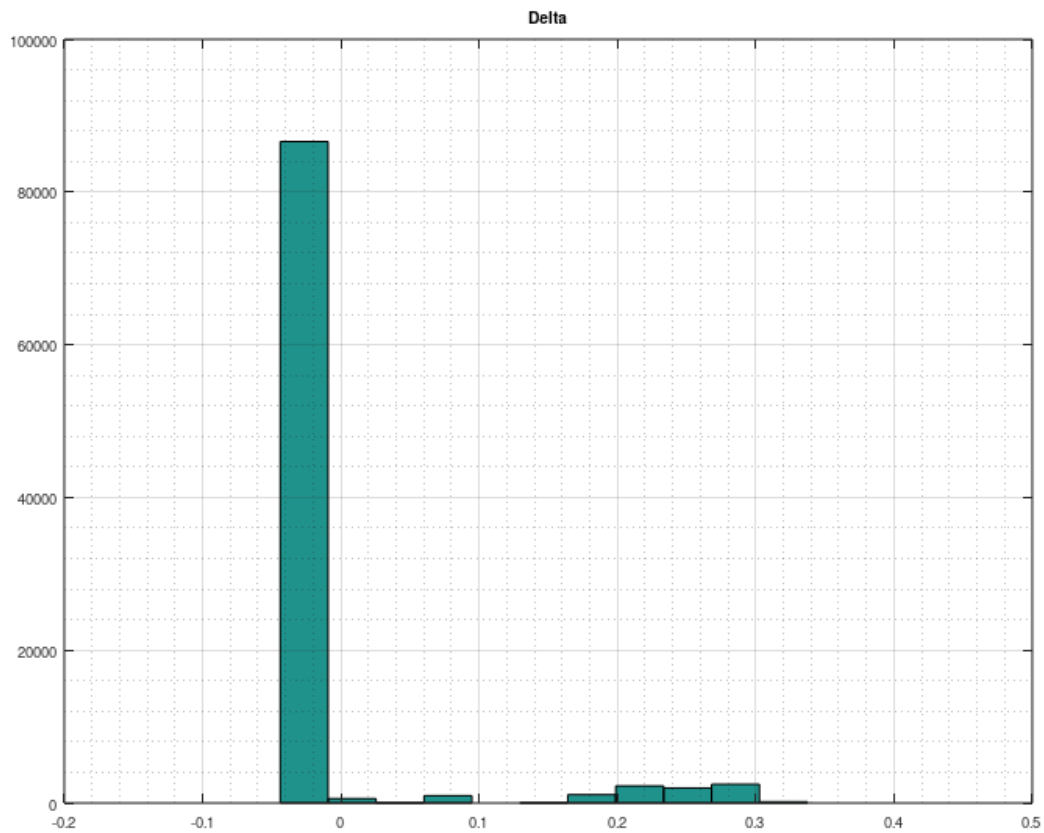
-0.0266	0.00808	0.0427	0.0774	0.112	0.147	0.181	0.216	0.251	0.285	0.32
86604	570	2	948	0	12	1082	2226	1960	2446	150

Delta notes

Delta chart



Delta histogram



Discount 0.999 rewards

KPI	
Mean	0.0228
Sigma	0.00386
RMS	0.0231
Min	0.0117
Median	0.0228
Max	0.0354
Trend	Linear
From	0.0202
To	0.0254

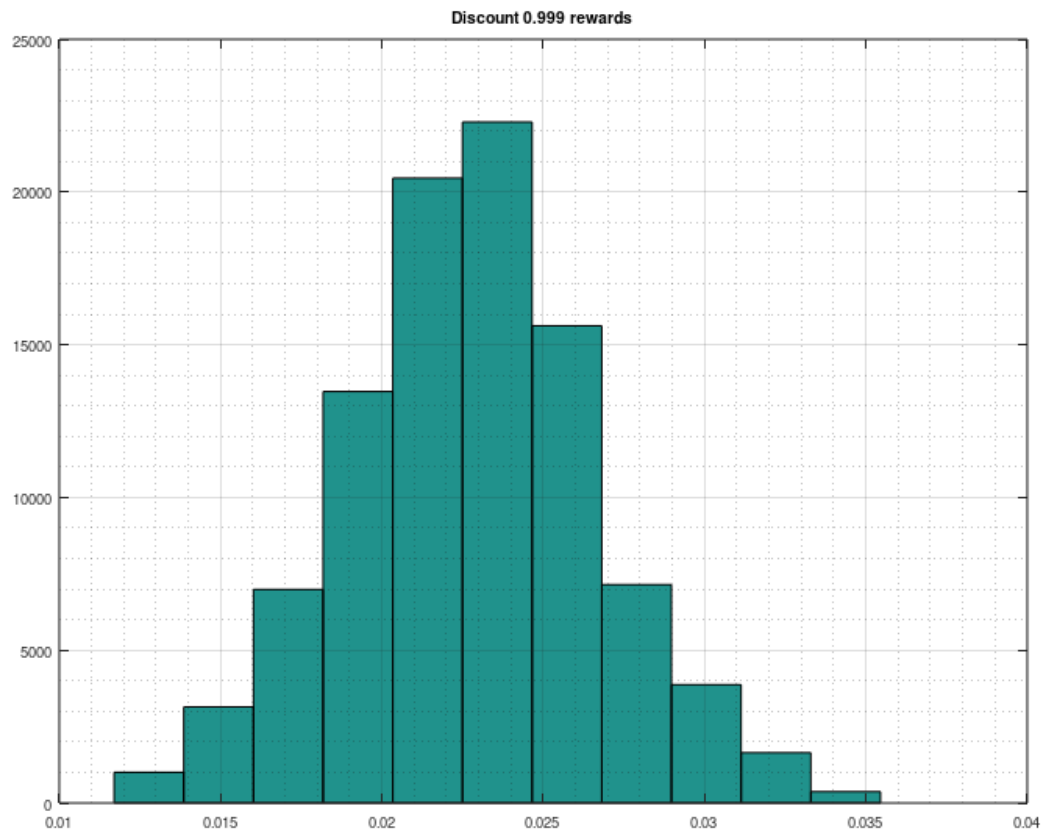
0.0128	0.0149	0.0171	0.0193	0.0214	0.0236	0.0257	0.0279	0.0301	0.0322	0.0344
1004	3143	6989	13468	20454	22290	15620	7147	3872	1644	369

Discount 0.999 rewards notes

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



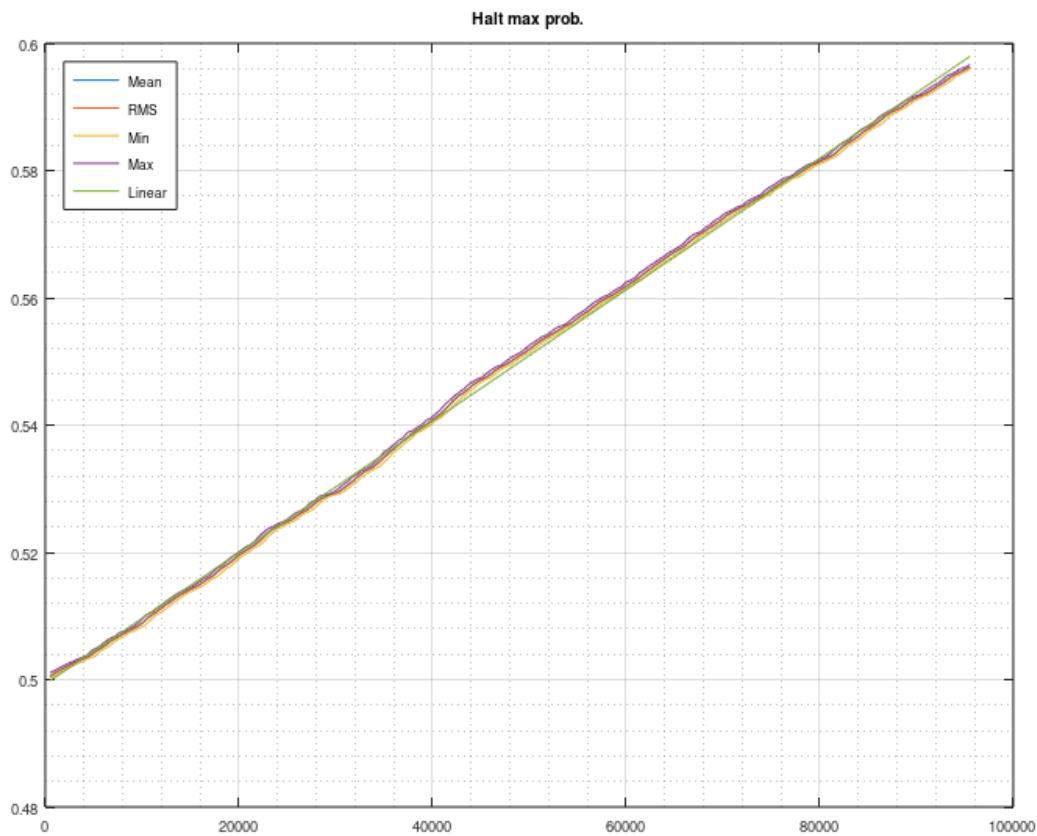
Halt max prob.

KPI	
Mean	0.549
Sigma	0.0286
RMS	0.55
Min	0.5
Median	0.55
Max	0.597
Trend	Linear
From	0.499
To	0.598

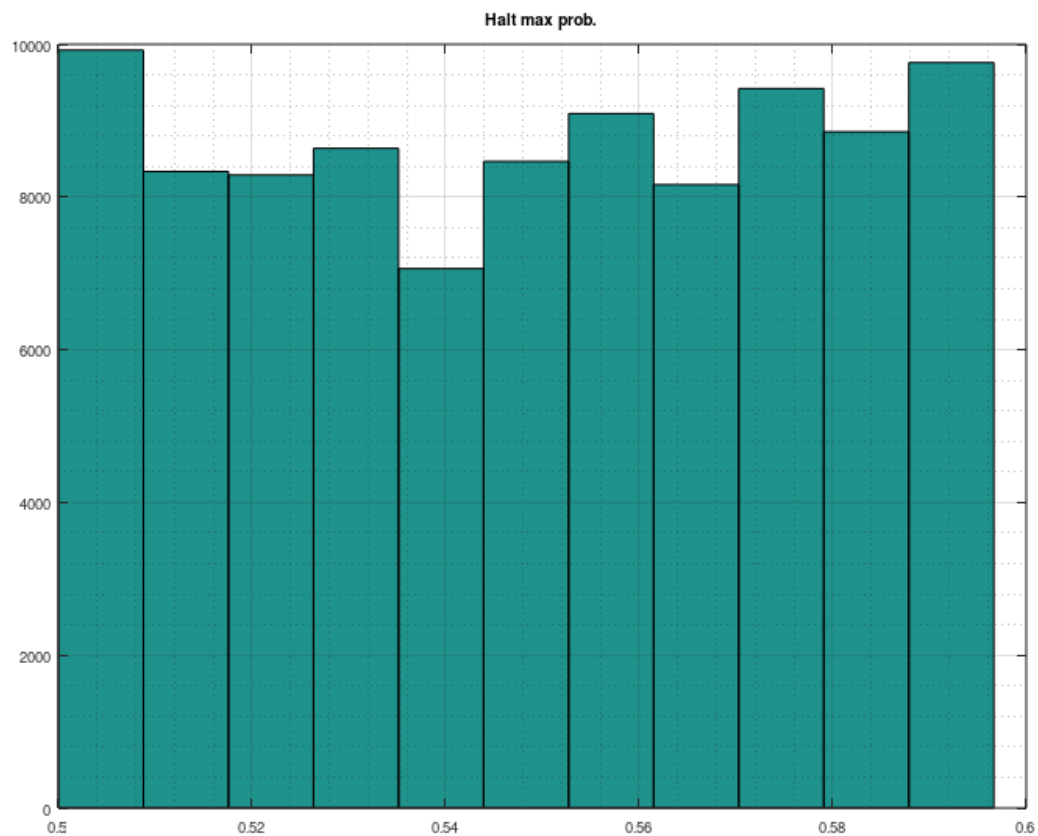
0.504	0.513	0.522	0.531	0.54	0.548	0.557	0.566	0.575	0.583	0.592
9924	8334	8288	8638	7062	8466	9092	8162	9420	8854	9760

Halt max prob. notes

Halt max prob. chart



Halt max prob. histogram



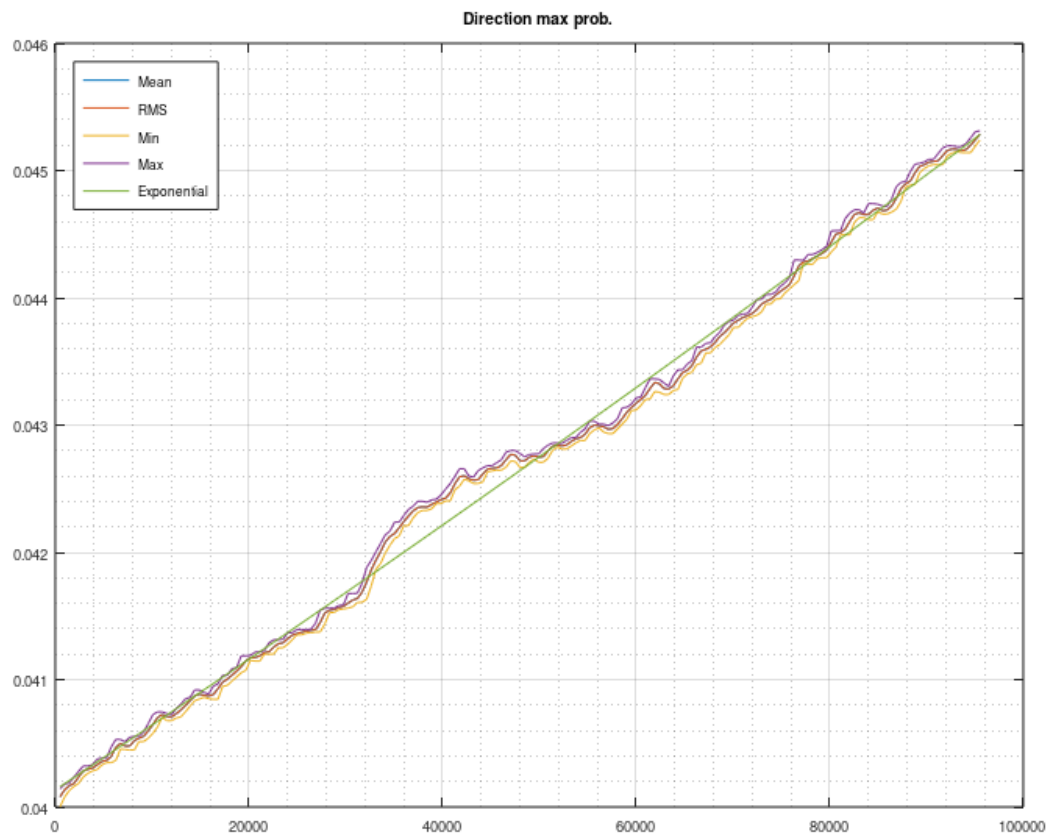
Direction max prob.

KPI	
Mean	0.0427
Sigma	0.0015
RMS	0.0427
Min	0.04
Median	0.0427
Max	0.0453
Trend	Exponential
From	0.0401
To	0.0453

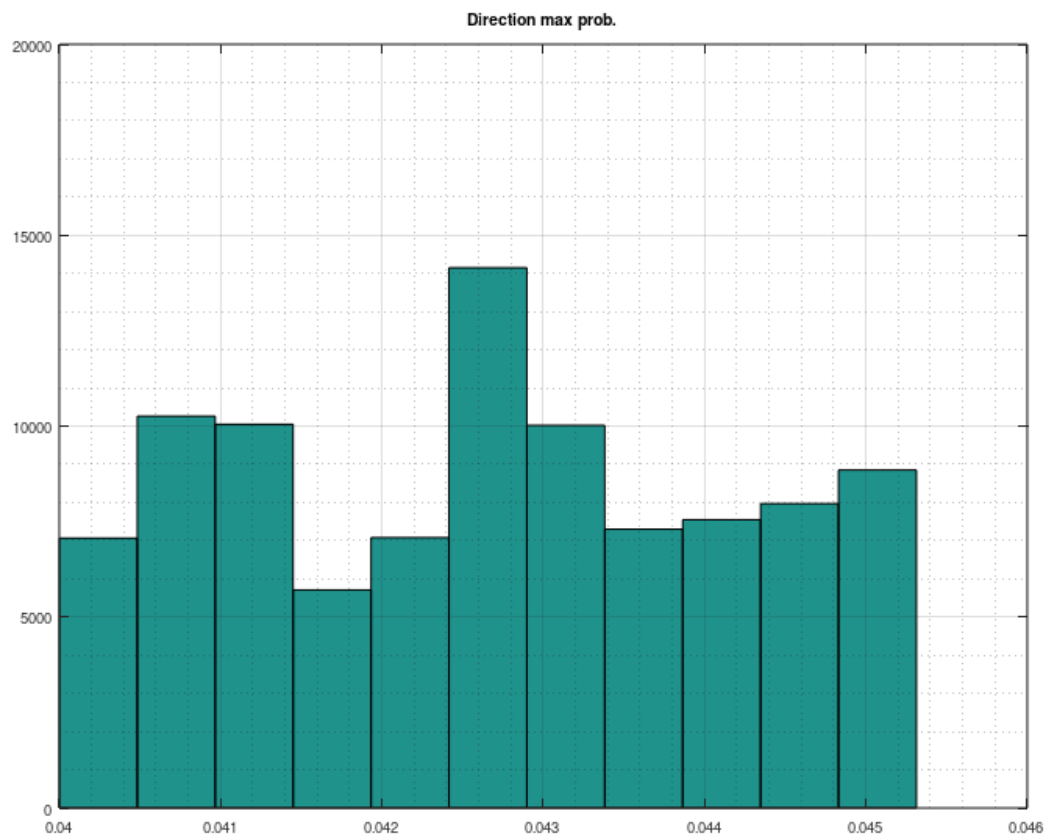
0.0402	0.0407	0.0412	0.0417	0.0422	0.0427	0.0431	0.0436	0.0441	0.0446	0.0451
7066	10260	10048	5710	7080	14148	10020	7300	7548	7970	8850

Direction max prob. notes

Direction max prob. chart



Direction max prob. histogram



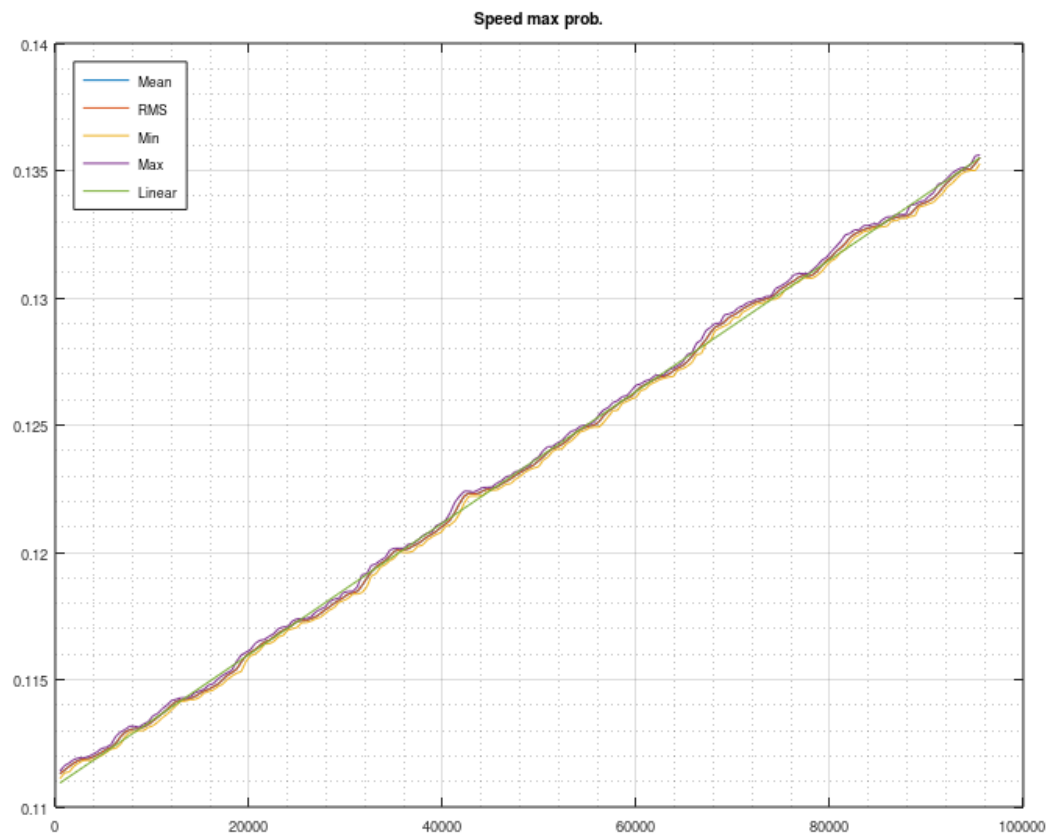
Speed max prob.

KPI	
Mean	0.123
Sigma	0.00716
RMS	0.123
Min	0.111
Median	0.123
Max	0.136
Trend	Linear
From	0.111
To	0.136

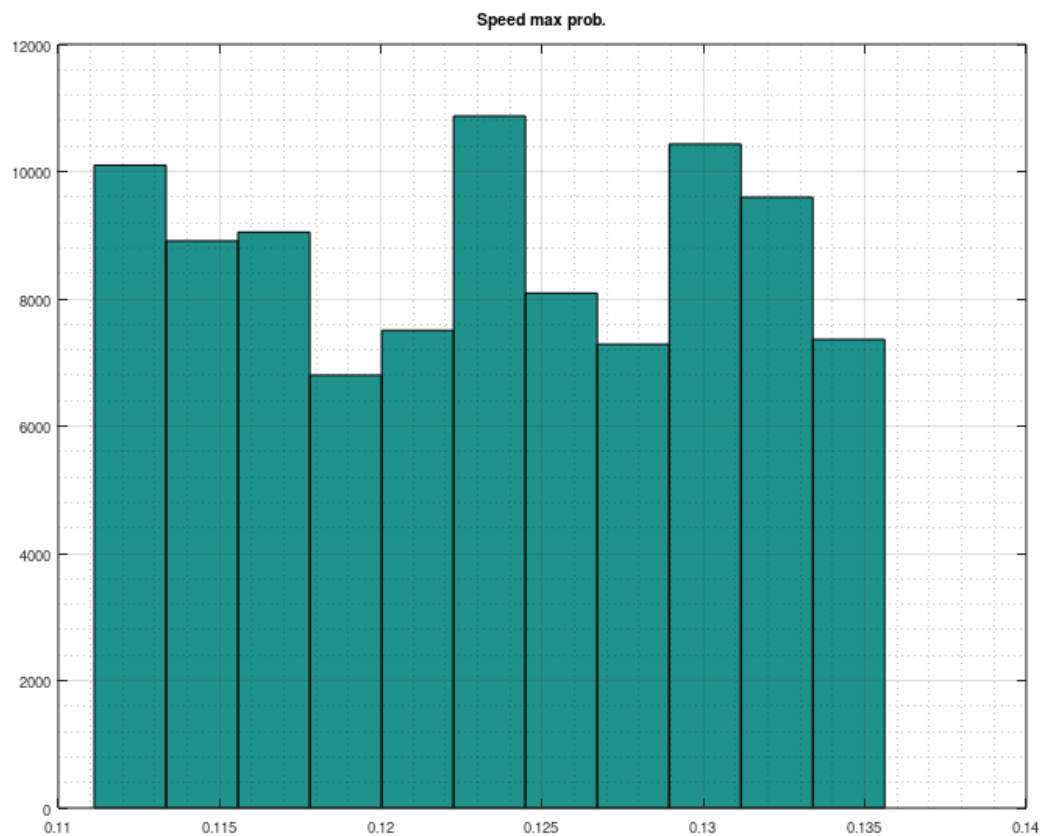
0.112	0.114	0.117	0.119	0.121	0.123	0.126	0.128	0.13	0.132	0.134
10100	8910	9048	6800	7504	10872	8090	7286	10432	9596	7362

Speed max prob. notes

Speed max prob. chart



Speed max prob. histogram



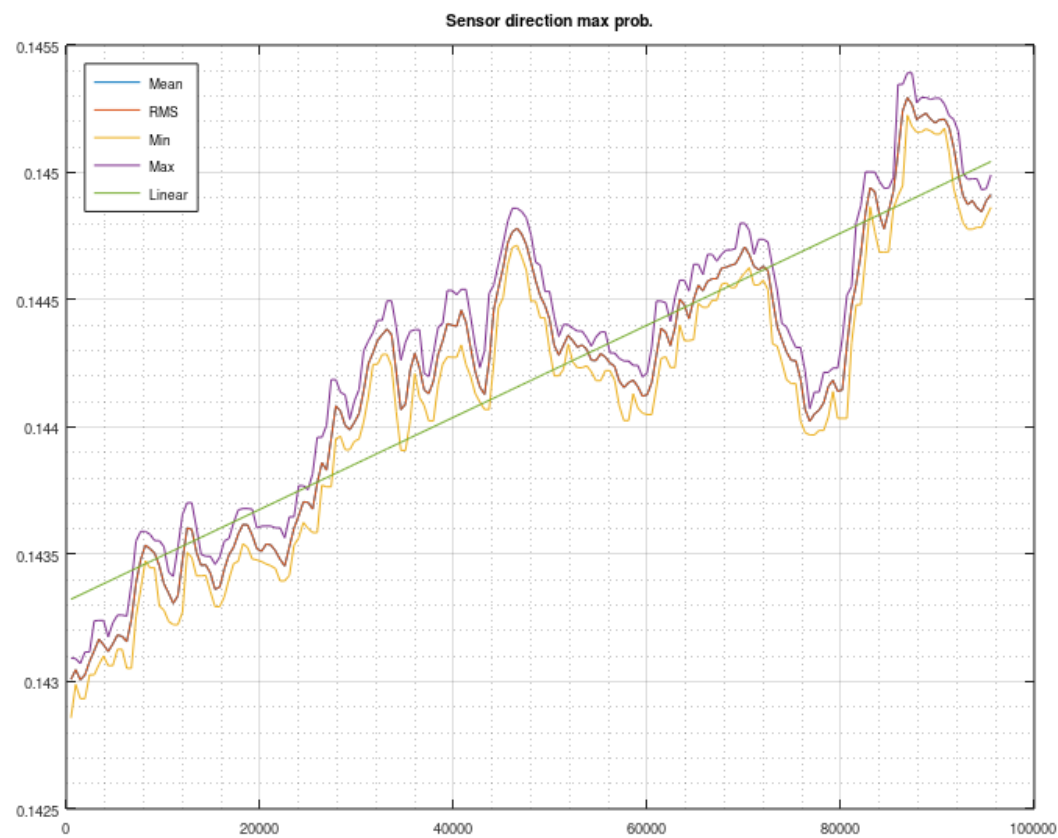
Sensor direction max prob.

KPI	
Mean	0.144
Sigma	0.000571
RMS	0.144
Min	0.143
Median	0.144
Max	0.145
Trend	Linear
From	0.143
To	0.145

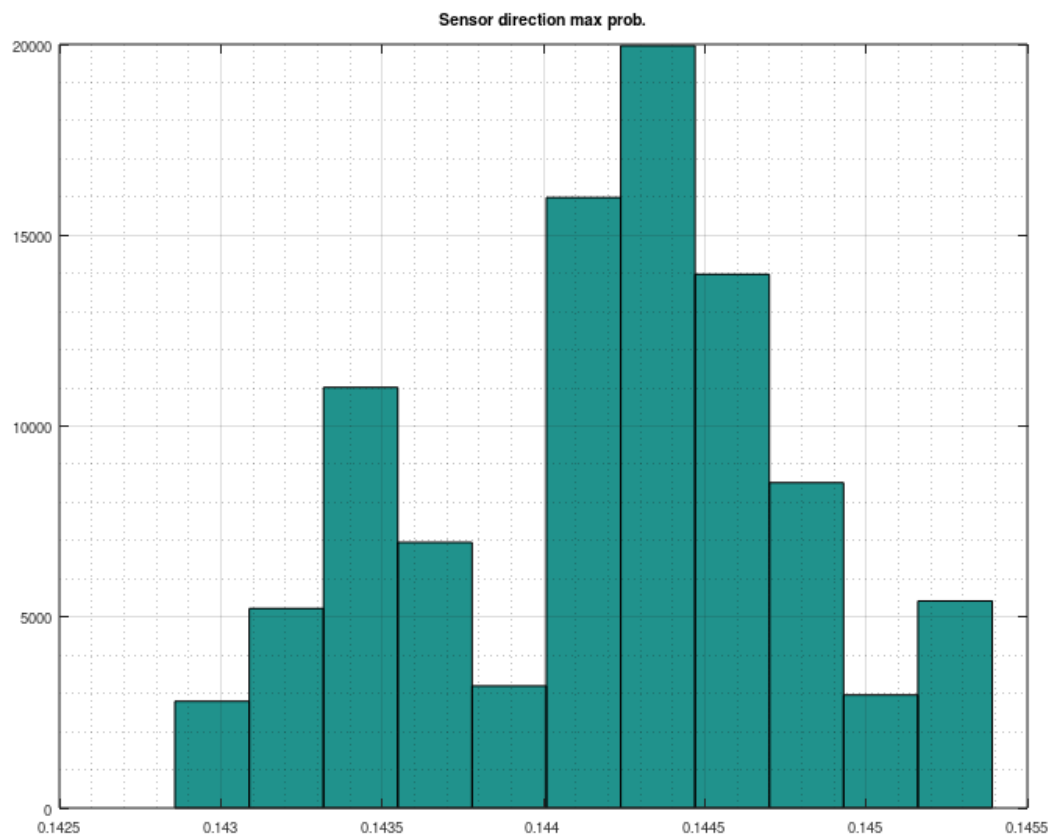
0.143	0.143	0.143	0.144	0.144	0.144	0.144	0.145	0.145	0.145	0.145
2794	5224	11014	6954	3194	15986	19962	13976	8518	2958	5420

Sensor direction max prob. notes

Sensor direction max prob. chart



Sensor direction max prob. histogram



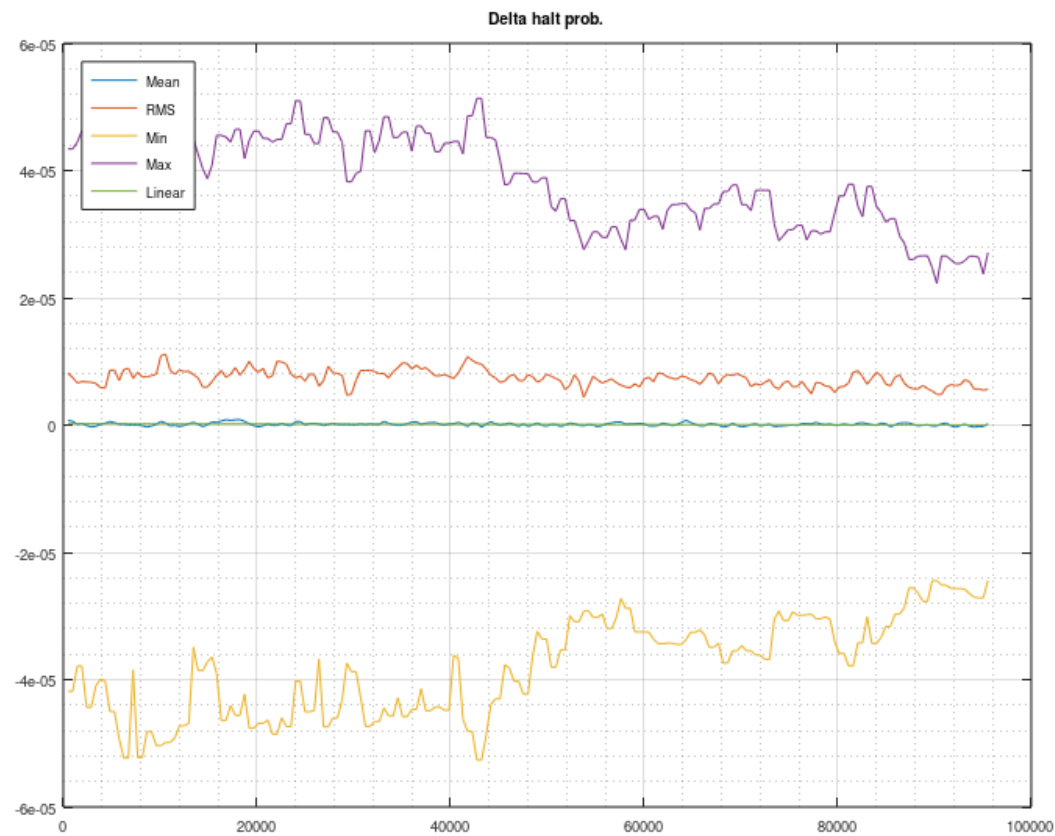
Delta halt prob.

KPI	
Mean	1.22e-07
Sigma	7.49e-06
RMS	7.49e-06
Min	-5.26e-05
Median	5e-08
Max	5.32e-05
Trend	Linear
From	2.19e-07
To	2.51e-08

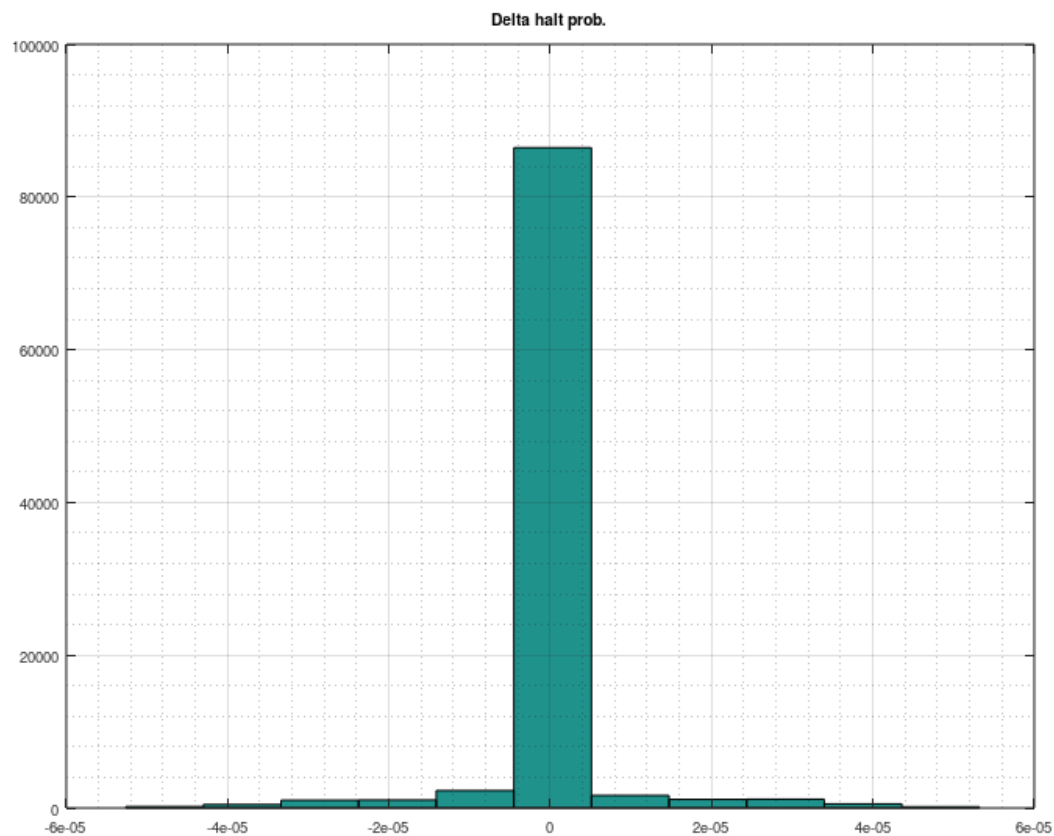
-4.78e-05	-3.82e-05	-2.86e-05	-1.9e-05	-9.34e-06	2.85e-07	9.91e-06	1.95e-05	2.91e-05	3.88e-05	4.84e-05
180	452	1012	1040	2274	86458	1636	1116	1146	534	152

Delta halt prob. notes

Delta halt prob. chart



Delta halt prob. histogram



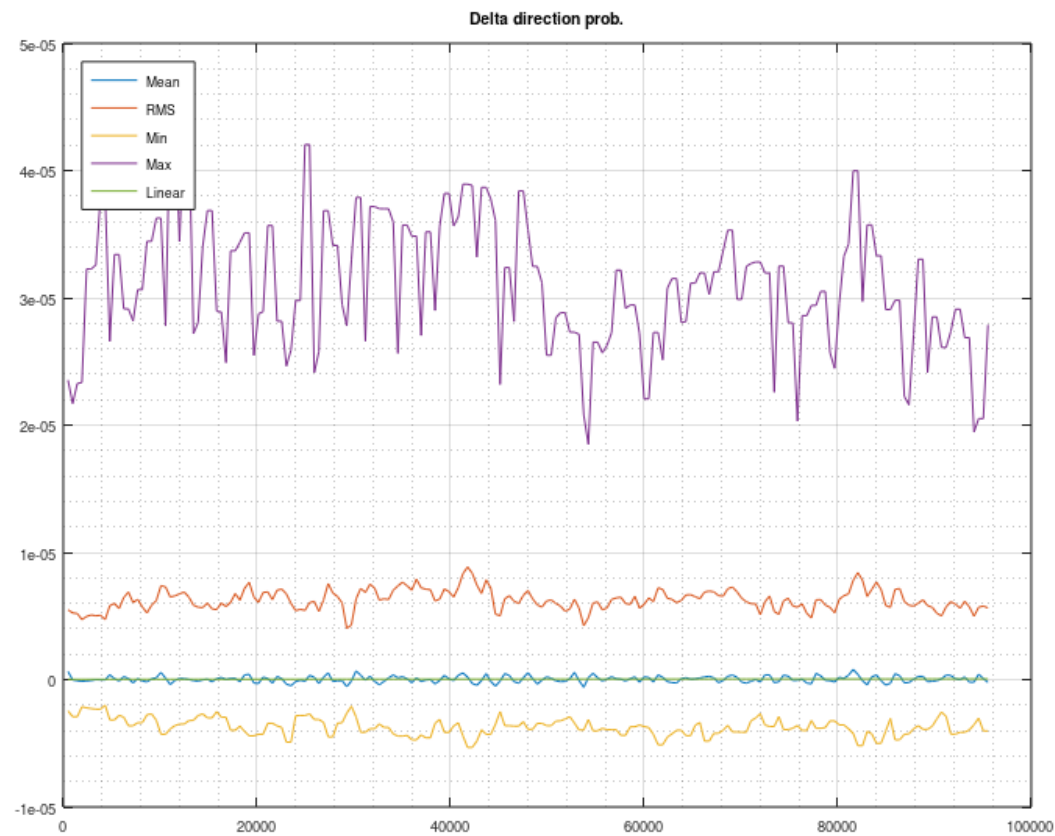
Delta direction prob.

KPI	
Mean	4.08e-08
Sigma	6.31e-06
RMS	6.31e-06
Min	-5.32e-06
Median	-1.79e-06
Max	4.43e-05
Trend	Linear
From	2.51e-08
To	5.65e-08

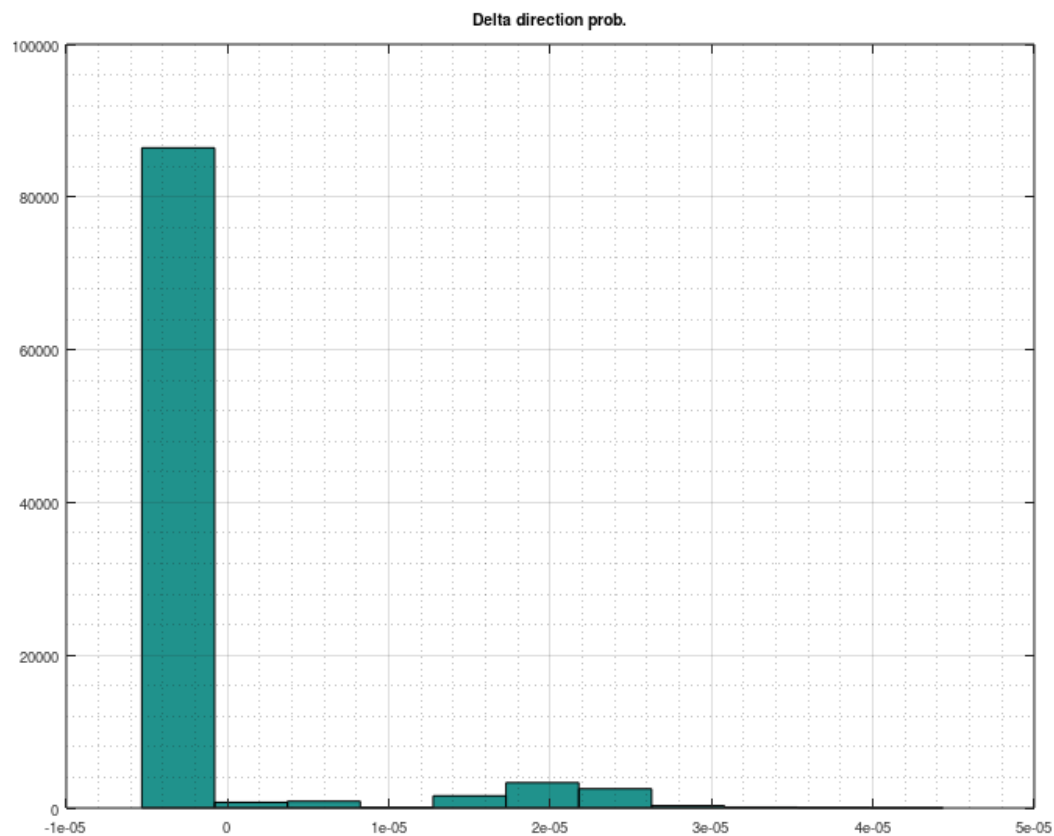
-3.07e-06	1.45e-06	5.96e-06	1.05e-05	1.5e-05	1.95e-05	2.4e-05	2.85e-05	3.31e-05	3.76e-05	4.21e-05
86440	734	882	70	1584	3310	2508	294	110	60	8

Delta direction prob. notes

Delta direction prob. chart



Delta direction prob. histogram



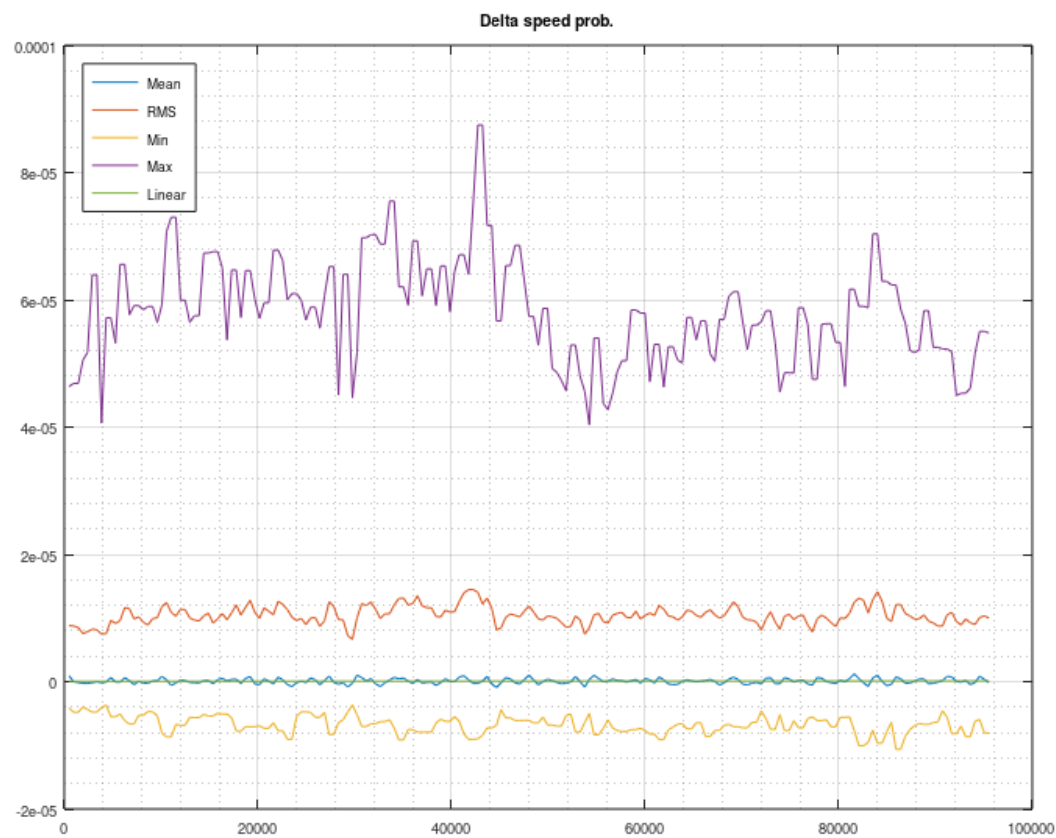
Delta speed prob.

KPI	
Mean	8.98e-08
Sigma	1.05e-05
RMS	1.05e-05
Min	-1.06e-05
Median	-2.8e-06
Max	8.75e-05
Trend	Linear
From	5.85e-08
To	1.21e-07

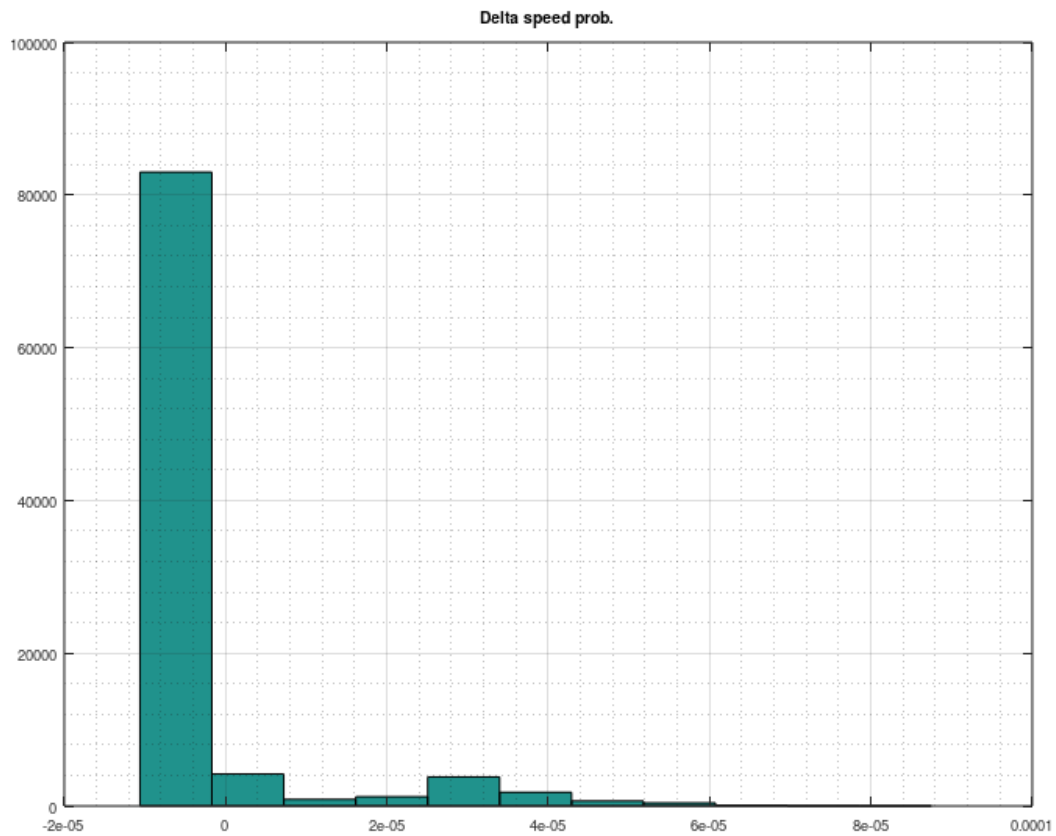
-6.17e-06	2.75e-06	1.17e-05	2.06e-05	2.95e-05	3.84e-05	4.73e-05	5.63e-05	6.52e-05	7.41e-05	8.3e-05
82994	4180	864	1208	3802	1784	650	402	98	16	2

Delta speed prob. notes

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

KPI	
Mean	1.71e-08
Sigma	1.12e-05
RMS	1.12e-05
Min	-1.12e-05
Median	-3.01e-06
Max	8.04e-05
Trend	Linear
From	3.72e-08
To	-3.05e-09

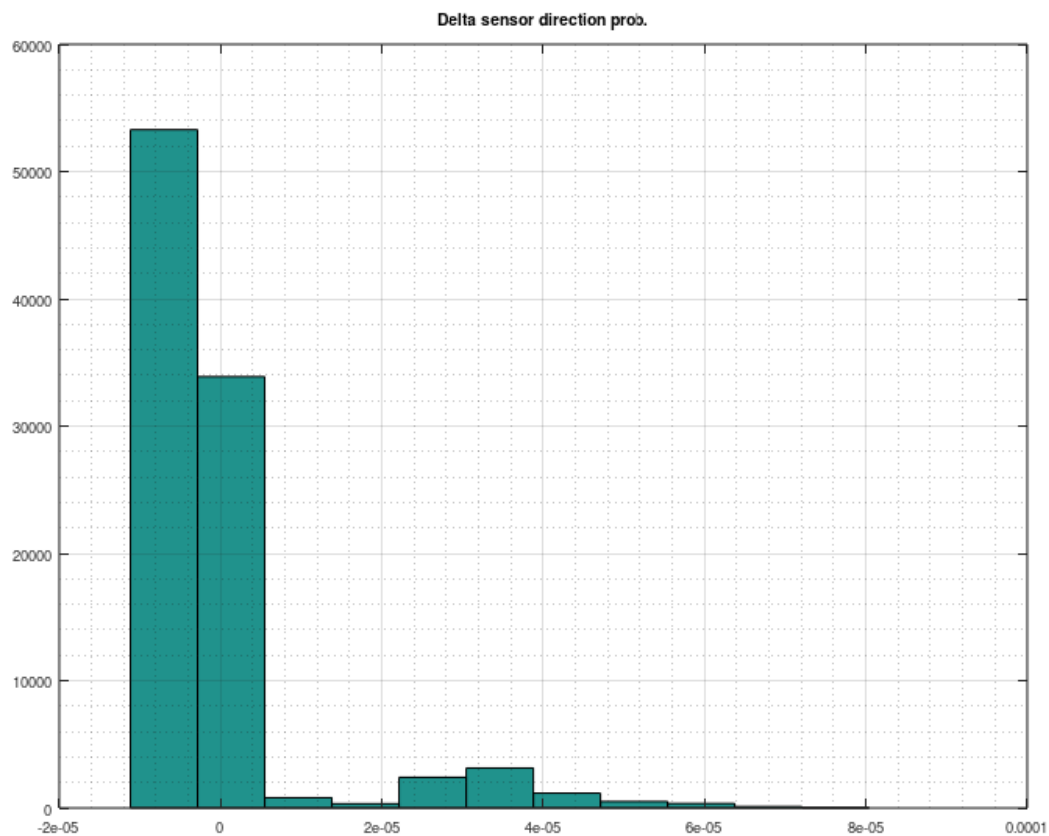
-7.03e-06	1.3e-06	9.62e-06	1.79e-05	2.63e-05	3.46e-05	4.29e-05	5.12e-05	5.96e-05	6.79e-05	7.62e-05
53290	33884	802	332	2408	3138	1162	506	350	106	22

Delta sensor direction prob. notes

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



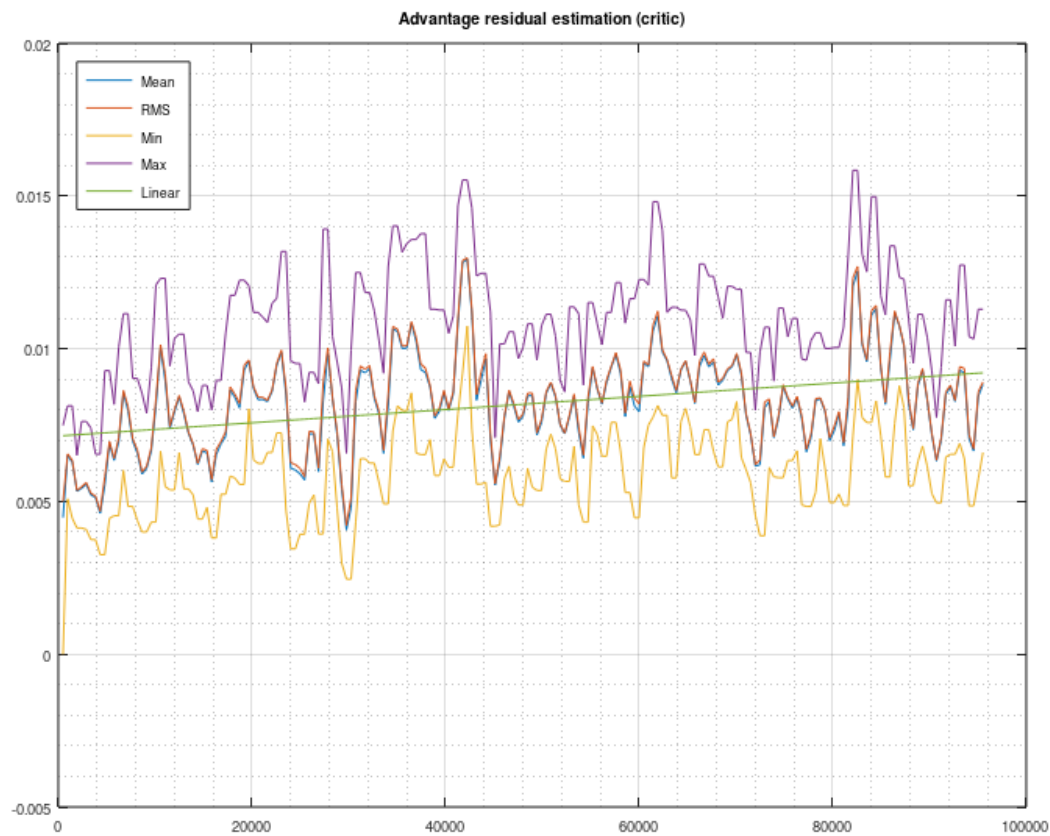
Advantage residual estimation (critic)

KPI	
Mean	0.00818
Sigma	0.00206
RMS	0.00844
Min	-3.84e-06
Median	0.00815
Max	0.0158
Trend	Linear
From	0.00714
To	0.00922

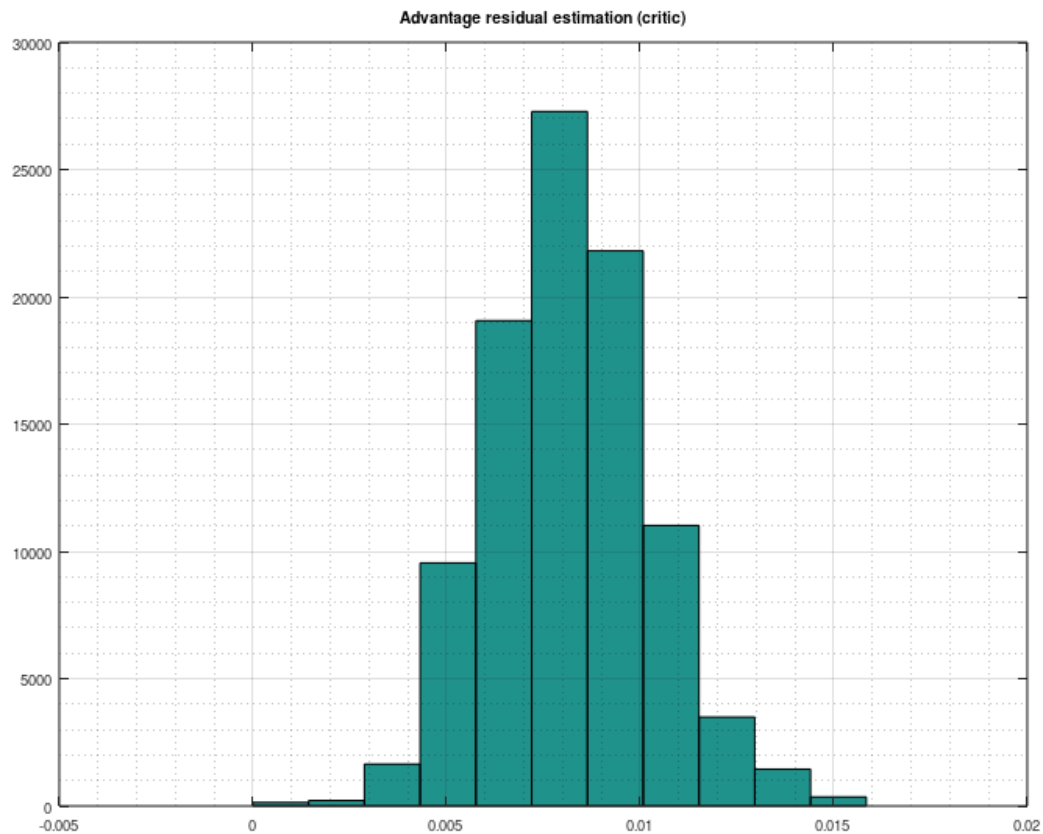
0.000716	0.00216	0.0036	0.00504	0.00648	0.00792	0.00936	0.0108	0.0122	0.0137	0.0151
138	212	1644	9548	19064	27280	21806	11018	3490	1446	354

Advantage residual estimation (critic) notes

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



Delta Advantage residual estimation (critic)

KPI	
Mean	1.69e-07
Sigma	0.000133
RMS	0.000133
Min	-7.92e-05
Median	-3.94e-05
Max	0.000608
Trend	Linear
From	6.86e-07
To	-3.49e-07

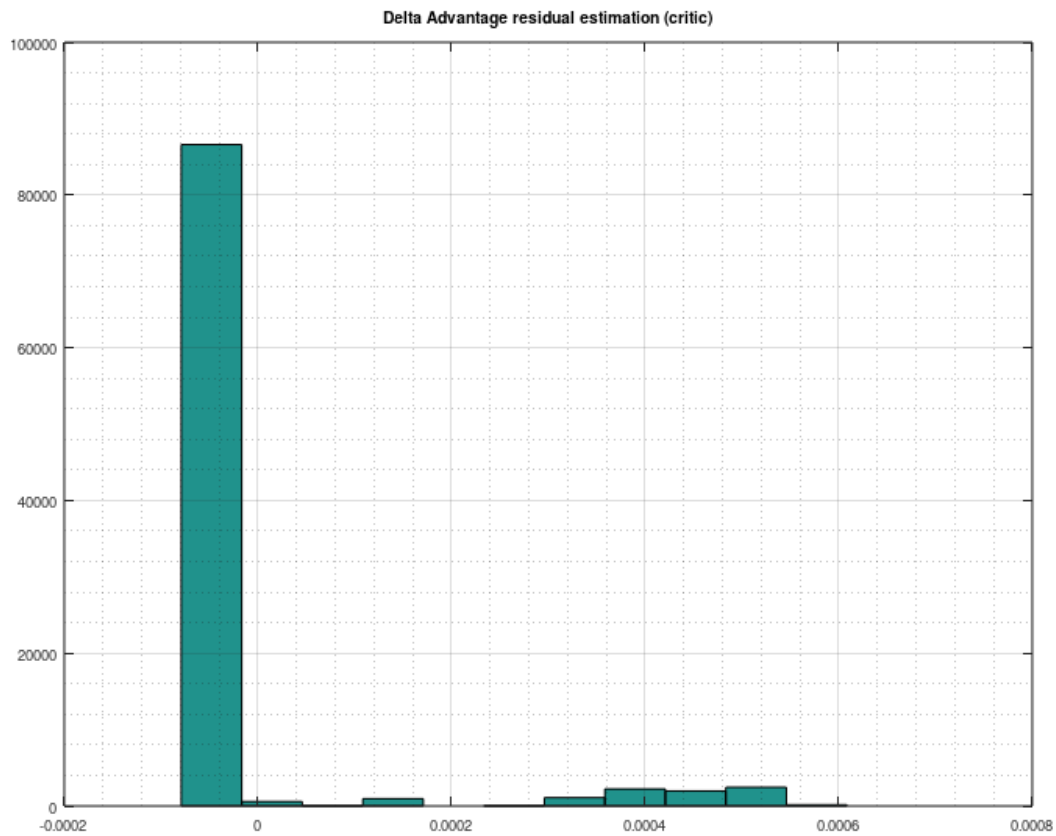
-4.8e-05	1.45e-05	7.7e-05	0.00014	0.000202	0.000265	0.000327	0.00039	0.000452	0.000515	0.000577
86600	574	2	948	0	12	1084	2222	1962	2446	150

Delta Advantage residual estimation (critic) notes

Delta Advantage residual estimation (critic) chart



Delta Advantage residual estimation (critic) histogram



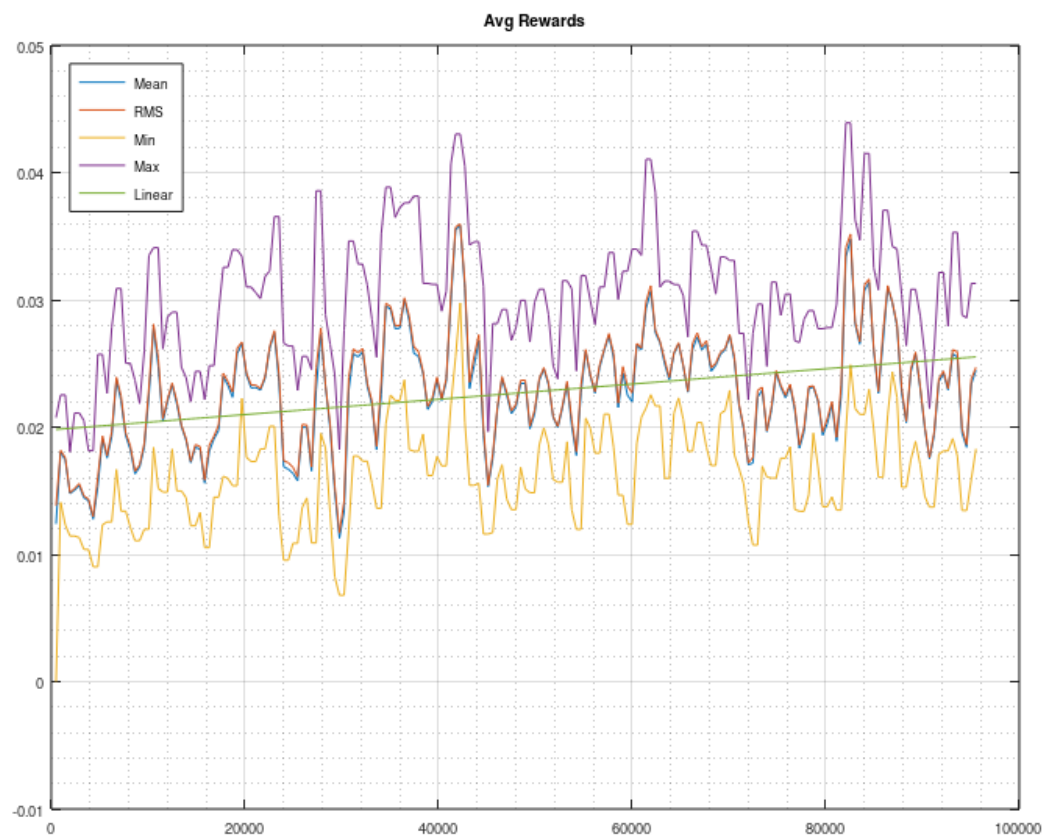
Avg Rewards

KPI	
Mean	0.0227
Sigma	0.00571
RMS	0.0234
Min	-1.18e-07
Median	0.0226
Max	0.0439
Trend	Linear
From	0.0198
To	0.0255

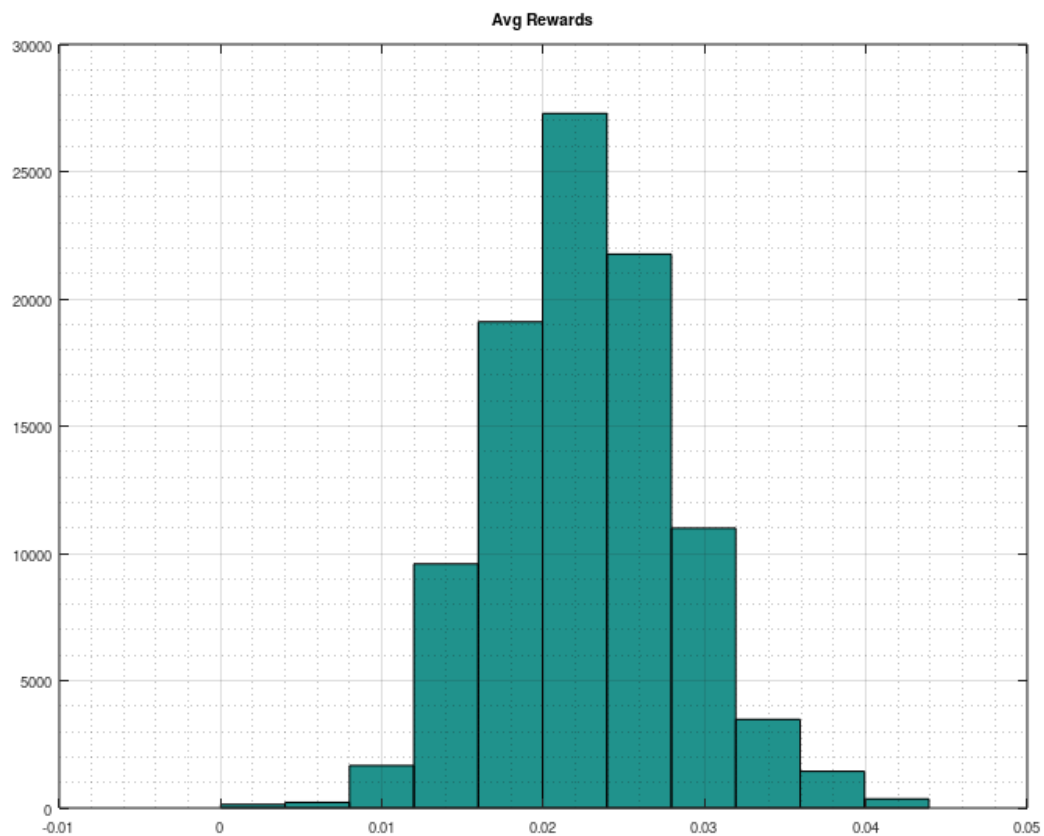
0.002	0.00599	0.00998	0.014	0.018	0.022	0.0259	0.0299	0.0339	0.0379	0.0419
138	218	1664	9586	19096	27282	21756	10990	3478	1438	354

Avg Rewards notes

Avg Rewards chart



Avg Rewards histogram



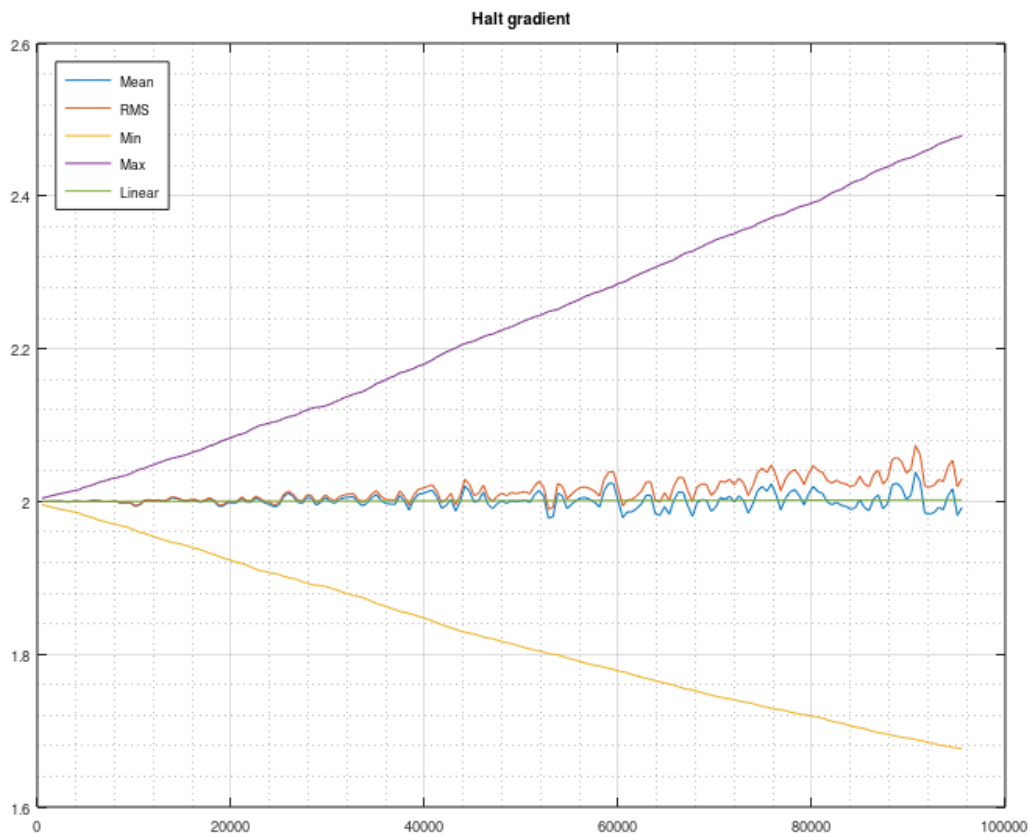
Halt gradient

KPI	
Mean	2
Sigma	0.229
RMS	2.01
Min	1.68
Median	1.97
Max	2.48
Trend	Linear
From	2
To	2

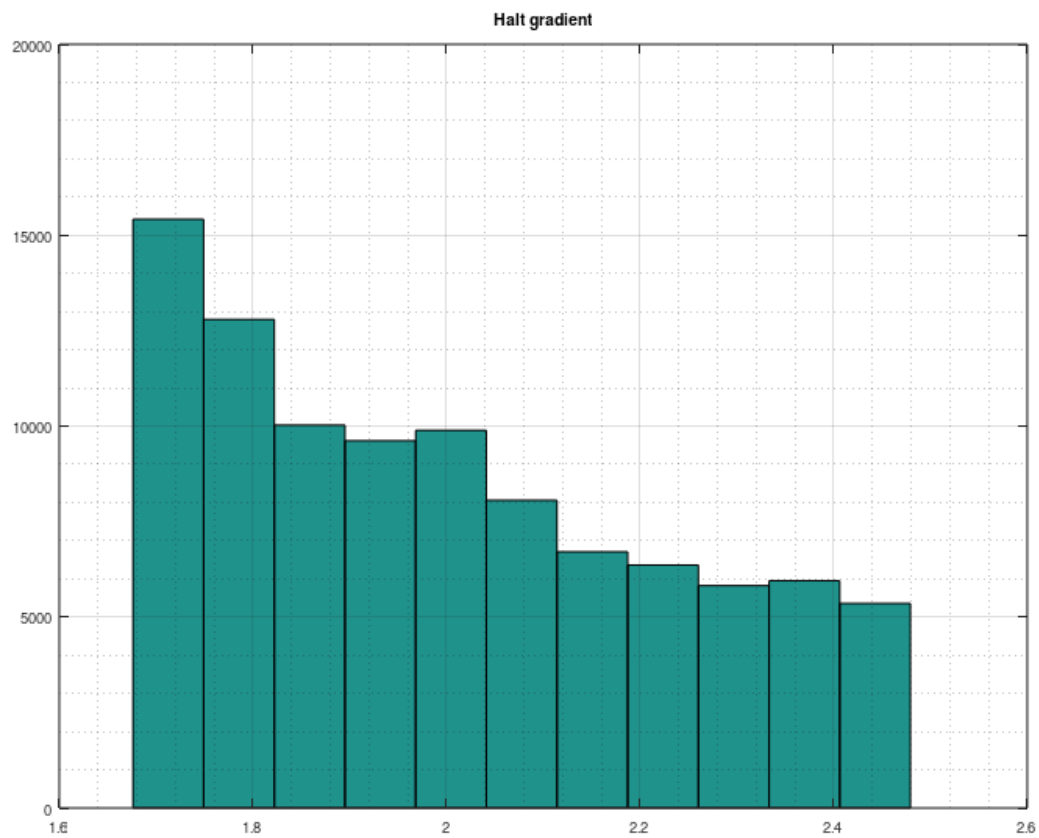
1.71	1.79	1.86	1.93	2	2.08	2.15	2.22	2.3	2.37	2.44
15418	12794	10026	9616	9890	8058	6708	6362	5822	5950	5356

Halt gradient notes

Halt gradient chart



Halt gradient histogram



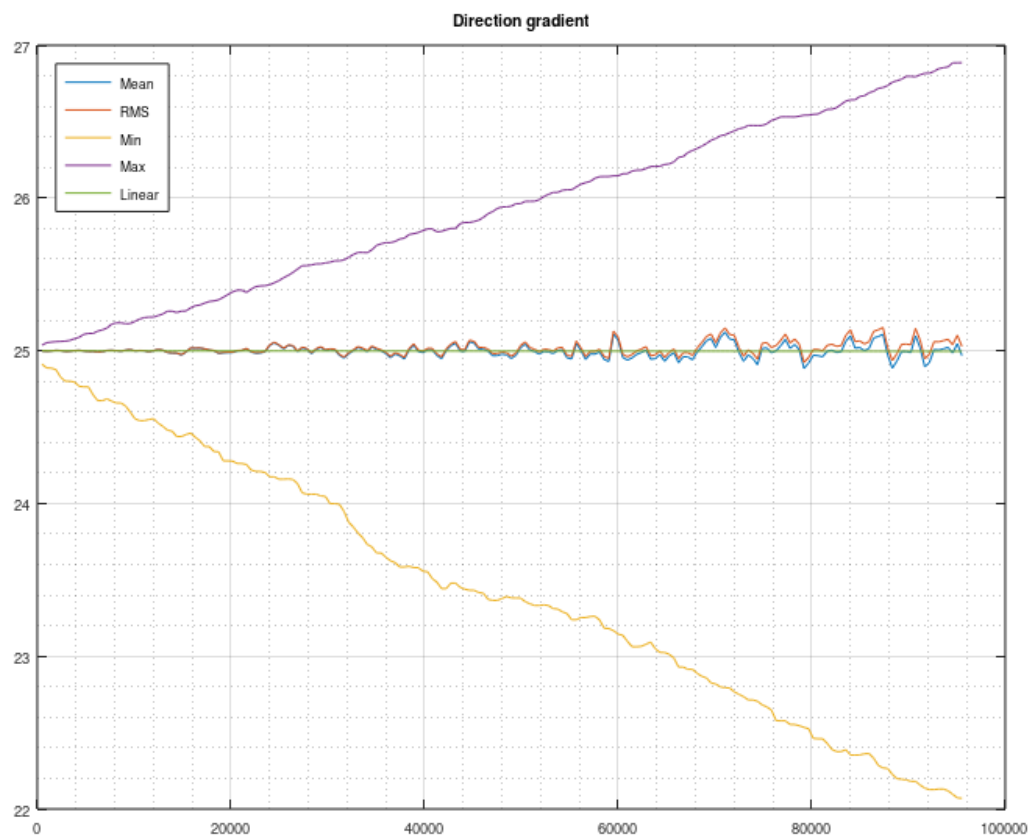
Direction gradient

KPI	
Mean	25
Sigma	0.954
RMS	25
Min	22.1
Median	25.2
Max	26.9
Trend	Linear
From	25
To	25

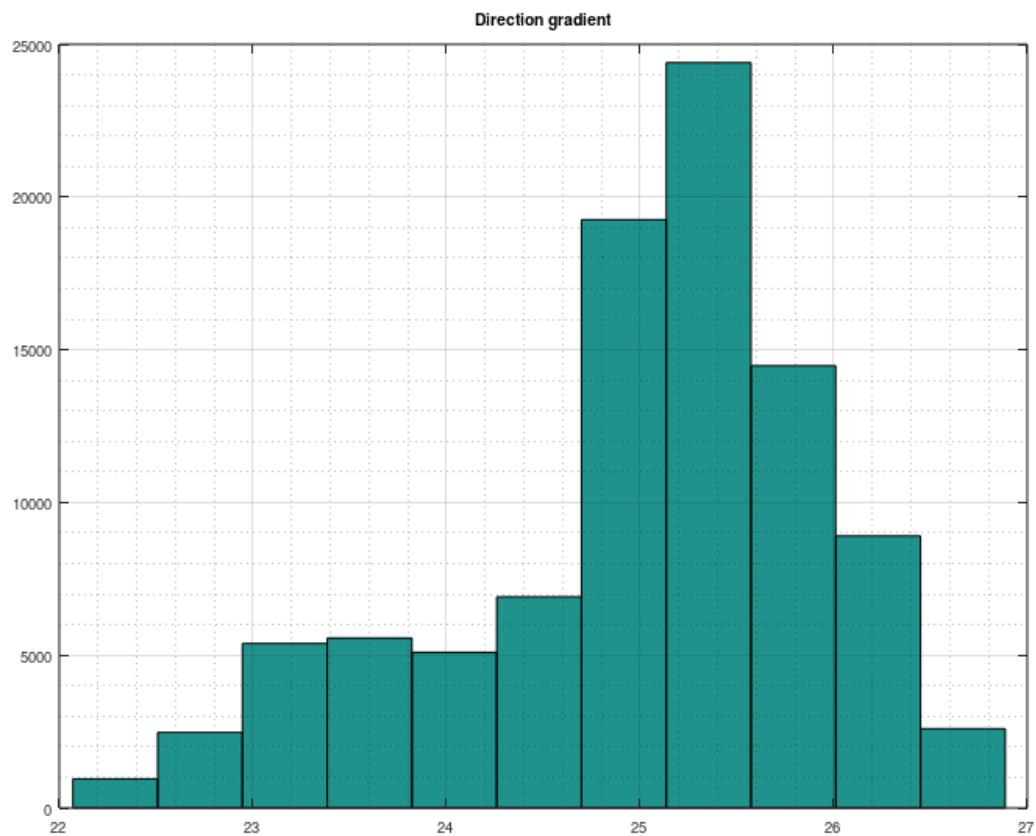
22.3	22.7	23.2	23.6	24	24.5	24.9	25.4	25.8	26.2	26.7
952	2470	5384	5562	5094	6908	19258	24398	14476	8904	2594

Direction gradient notes

Direction gradient chart



Direction gradient histogram



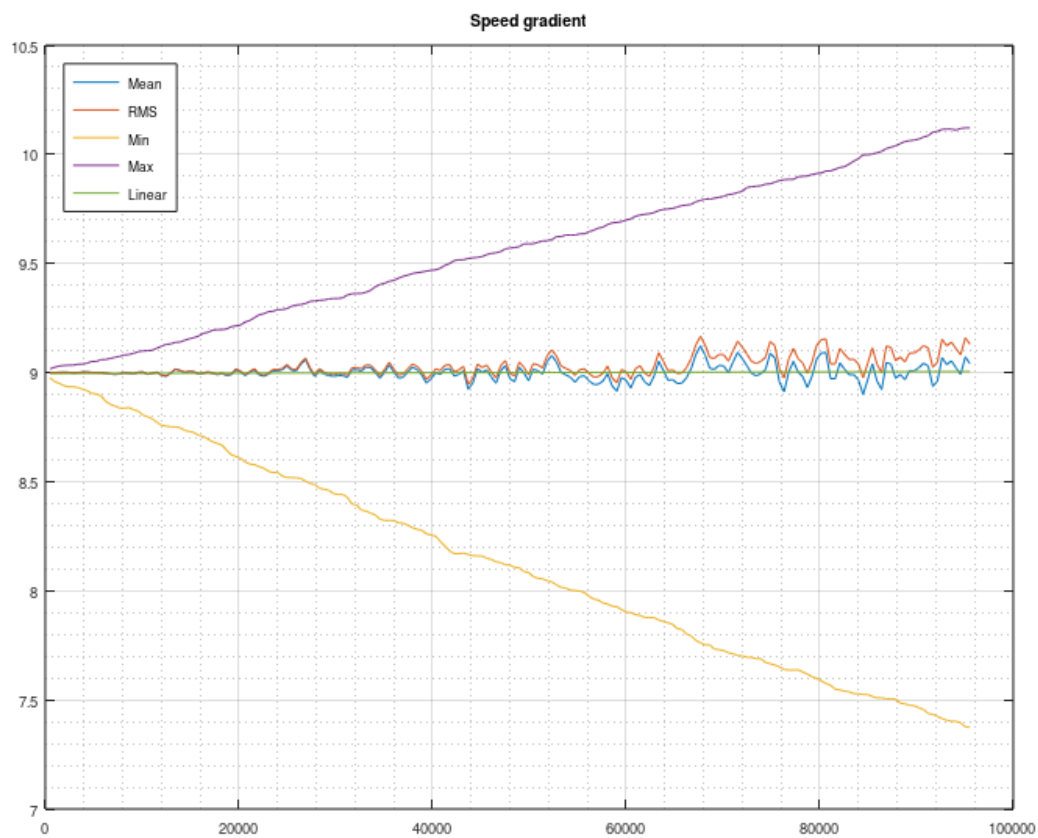
Speed gradient

KPI	
Mean	9
Sigma	0.753
RMS	9.03
Min	7.37
Median	9.18
Max	10.1
Trend	Linear
From	9
To	9

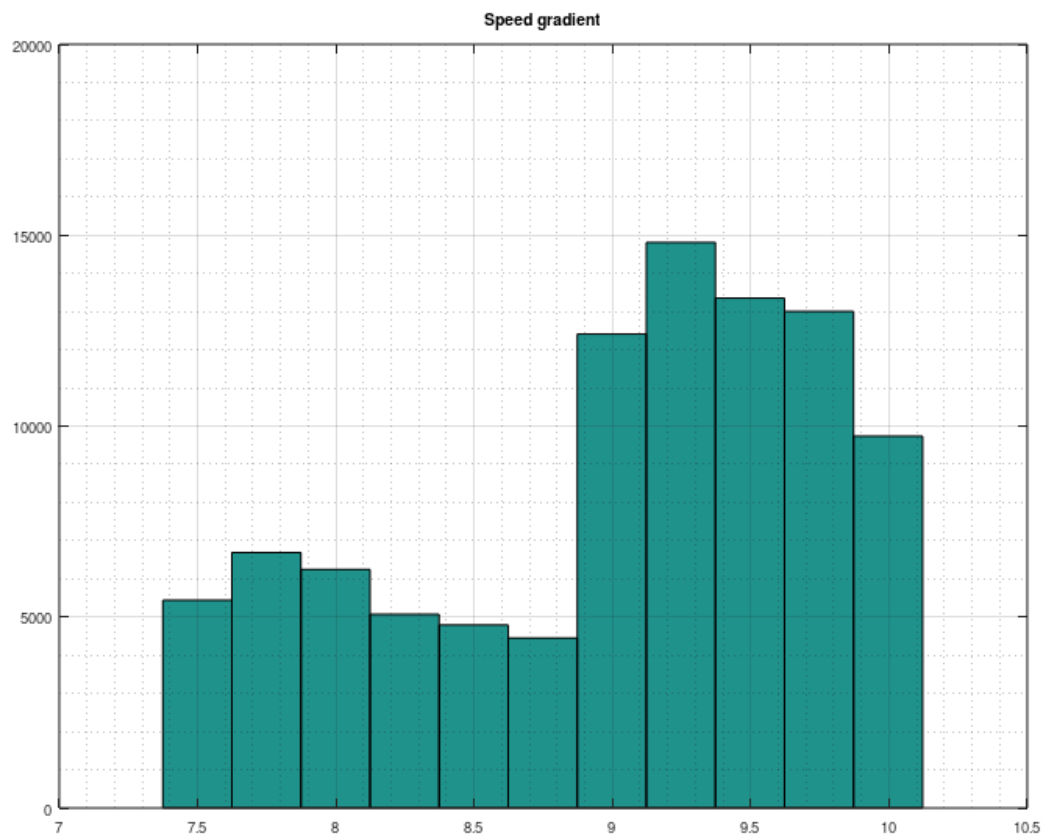
7.5	7.75	8	8.25	8.5	8.75	9	9.25	9.5	9.75	10
5440	6688	6246	5072	4792	4450	12410	14810	13352	13004	9736

Speed gradient notes

Speed gradient chart



Speed gradient histogram



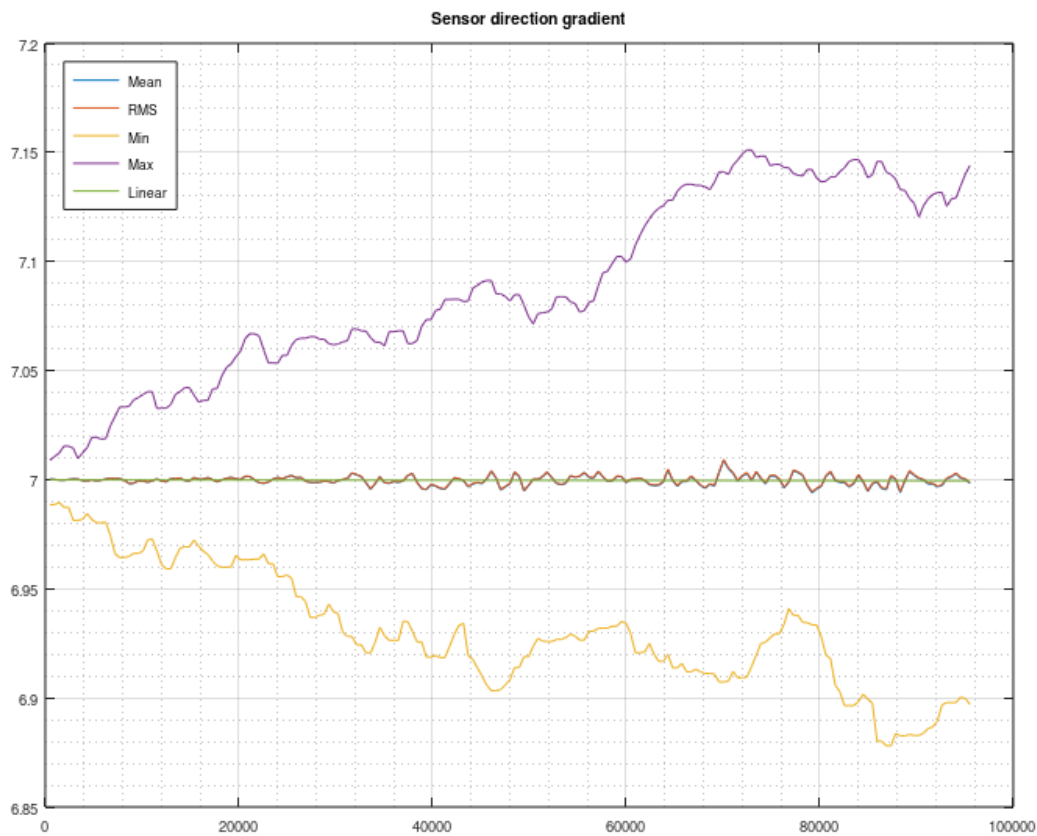
Sensor direction gradient

KPI	
Mean	7
Sigma	0.0511
RMS	7
Min	6.88
Median	7
Max	7.15
Trend	Linear
From	7
To	7

6.89	6.92	6.94	6.96	6.99	7.01	7.04	7.06	7.09	7.11	7.14
1644	4018	9772	15600	23716	19784	6588	8034	1992	1054	3798

Sensor direction gradient notes

Sensor direction gradient chart



Sensor direction gradient histogram

