

Report

17 November 2022, 12:27

Data folder C:\Users\marco\Desktop\wheellyj\data\agent-10e-3\

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Rewards

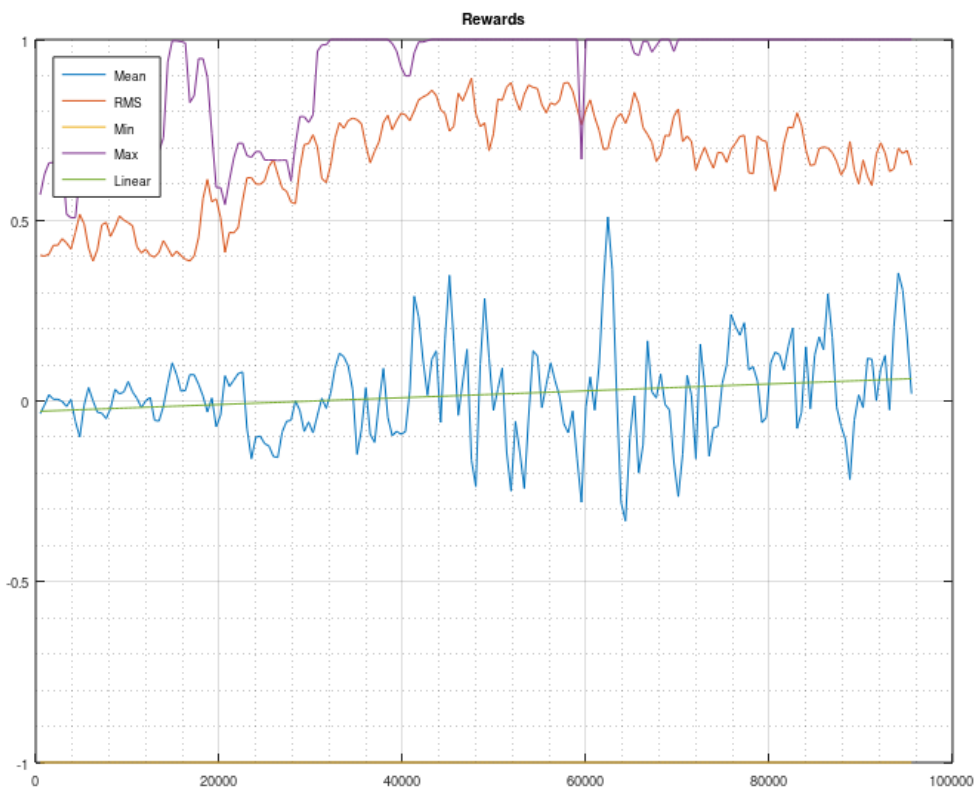
KPI	
Mean	0.0167
Sigma	0.68
RMS	0.68
Min	-1
Median	0
Max	1
Trend	Linear
From	-0.0288
To	0.0621

-0.909	-0.727	-0.545	-0.364	-0.182	0	0.182	0.364	0.545	0.727	0.909
25340	0	0	0	0	26558	2964	9510	13012	7758	10858

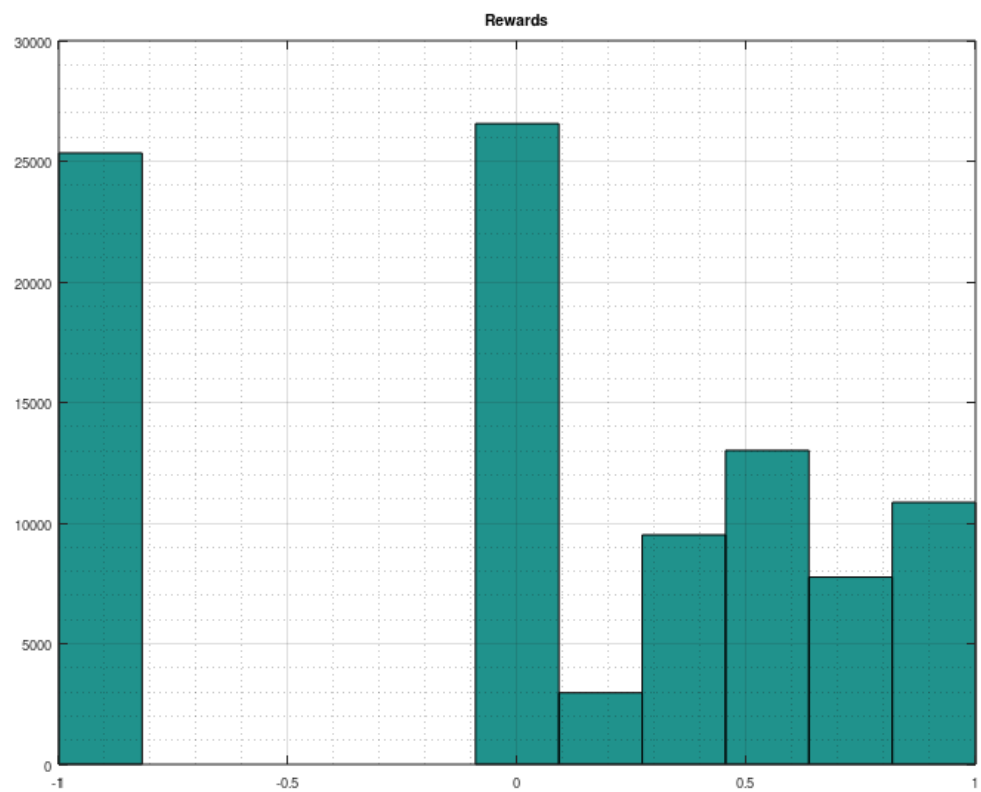
Rewards notes

[Notes]

Rewards chart



Rewards histogram



Delta

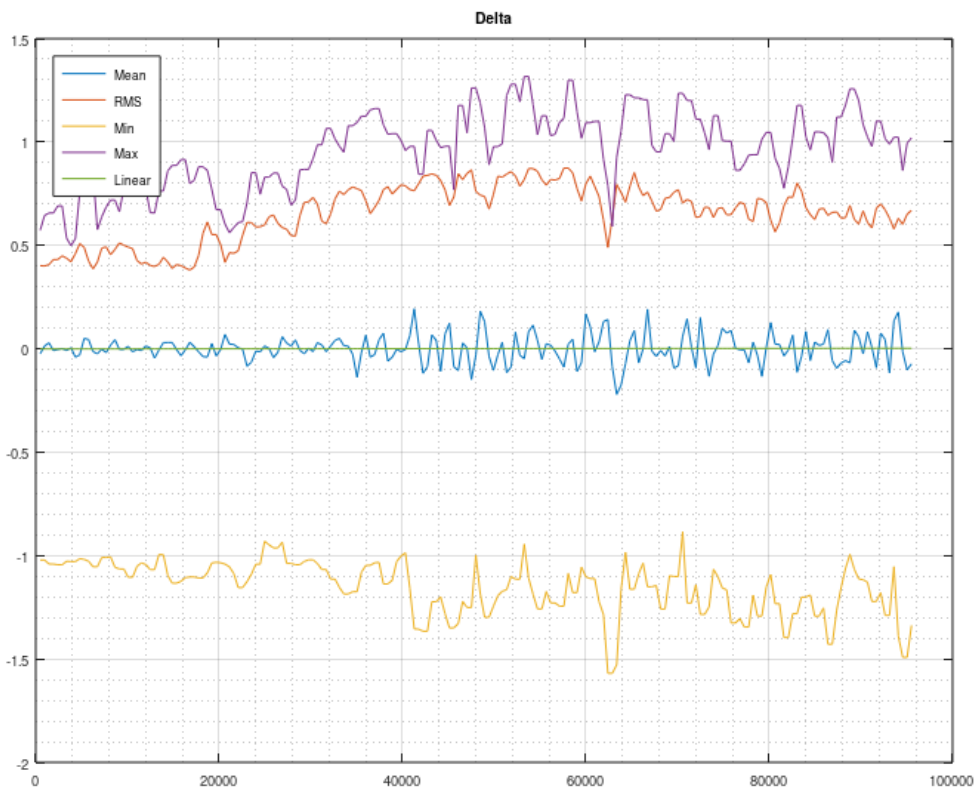
KPI	
Mean	0.000685
Sigma	0.667
RMS	0.667
Min	-1.57
Median	0.0822
Max	1.32
Trend	Linear
From	-0.000971
To	0.00234

-1.44	-1.18	-0.914	-0.651	-0.389	-0.126	0.136	0.398	0.661	0.923	1.19
336	7338	15762	1920	966	14010	16124	15104	15162	8028	1250

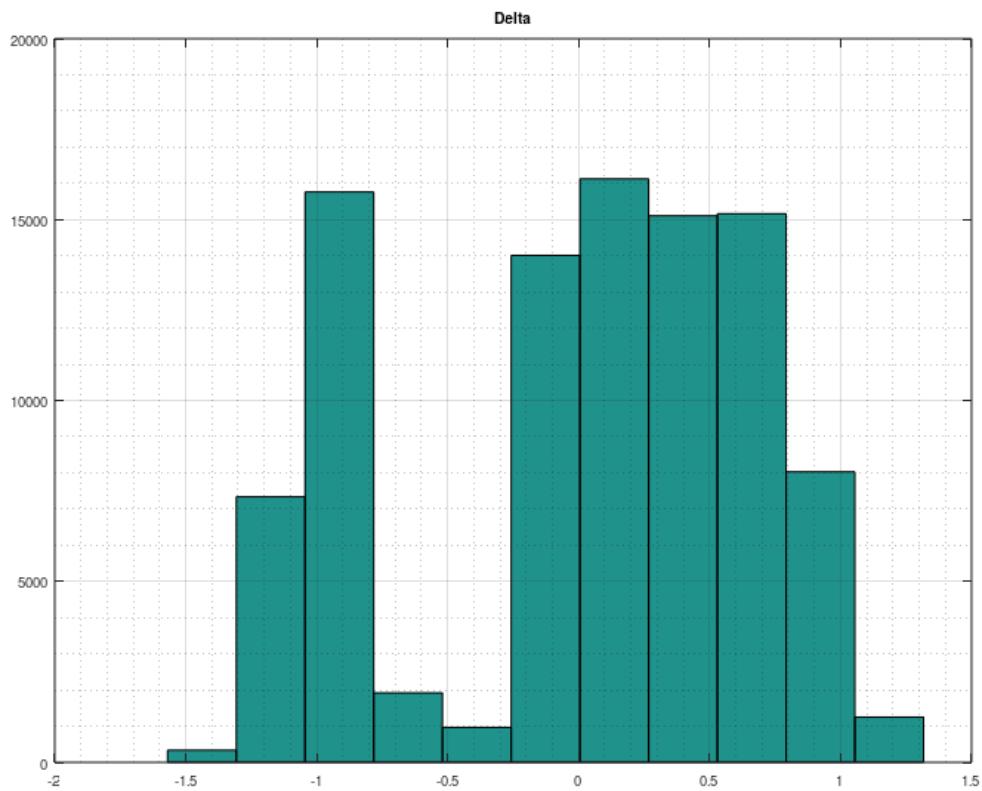
Delta notes

[Notes]

Delta chart



Delta histogram



Discount 0.999 rewards

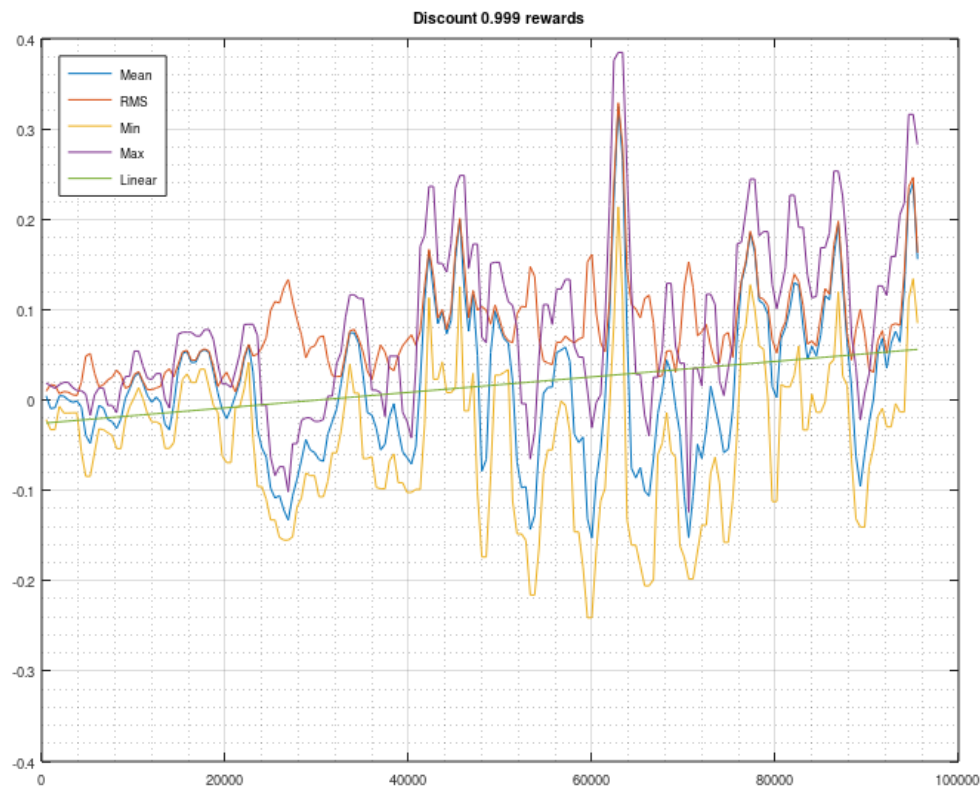
KPI	
Mean	0.0153
Sigma	0.092
RMS	0.0932
Min	-0.241
Median	0.00618
Max	0.385
Trend	Linear
From	-0.0259
To	0.0564

-0.213	-0.156	-0.0988	-0.0419	0.015	0.0718	0.129	0.186	0.242	0.299	0.356
581	4384	10679	20934	27316	16351	8789	4451	1314	646	555

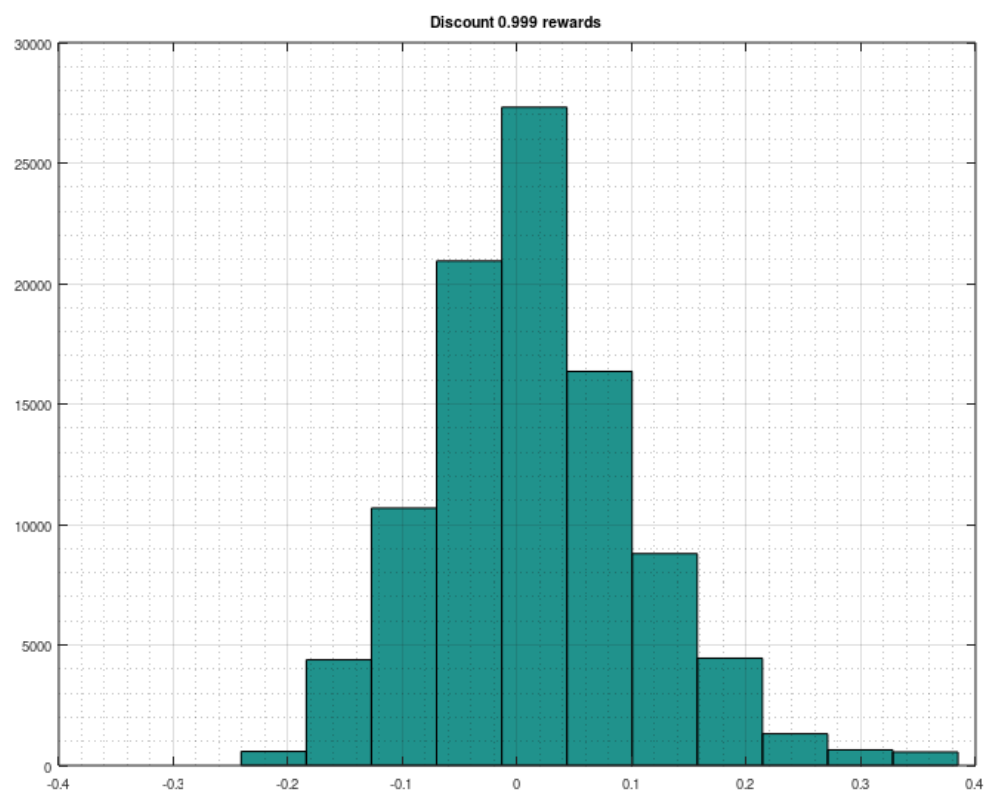
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



Halt max prob.

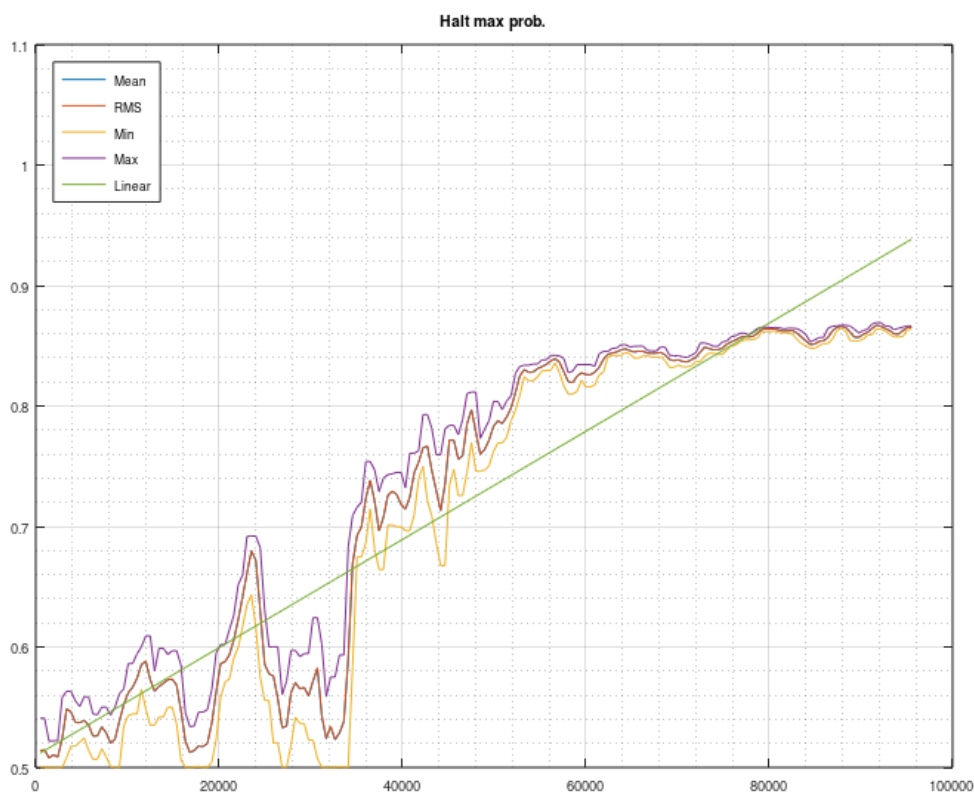
KPI	
Mean	0.725
Sigma	0.134
RMS	0.737
Min	0.5
Median	0.776
Max	0.869
Trend	Linear
From	0.51
To	0.941

0.517	0.55	0.584	0.617	0.651	0.685	0.718	0.752	0.785	0.819	0.852
11206	10914	8304	1650	1284	3040	4730	5290	5278	9008	35296

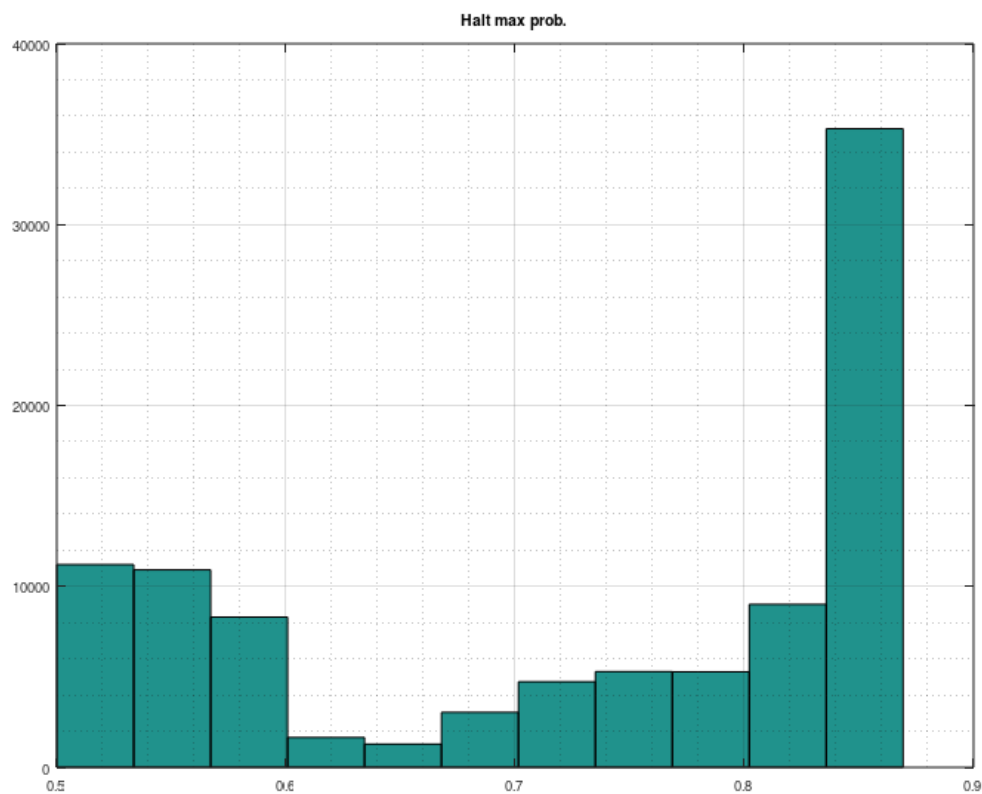
Halt max prob. notes

[Notes]

Halt max prob. chart



Halt max prob. histogram



Direction max prob.

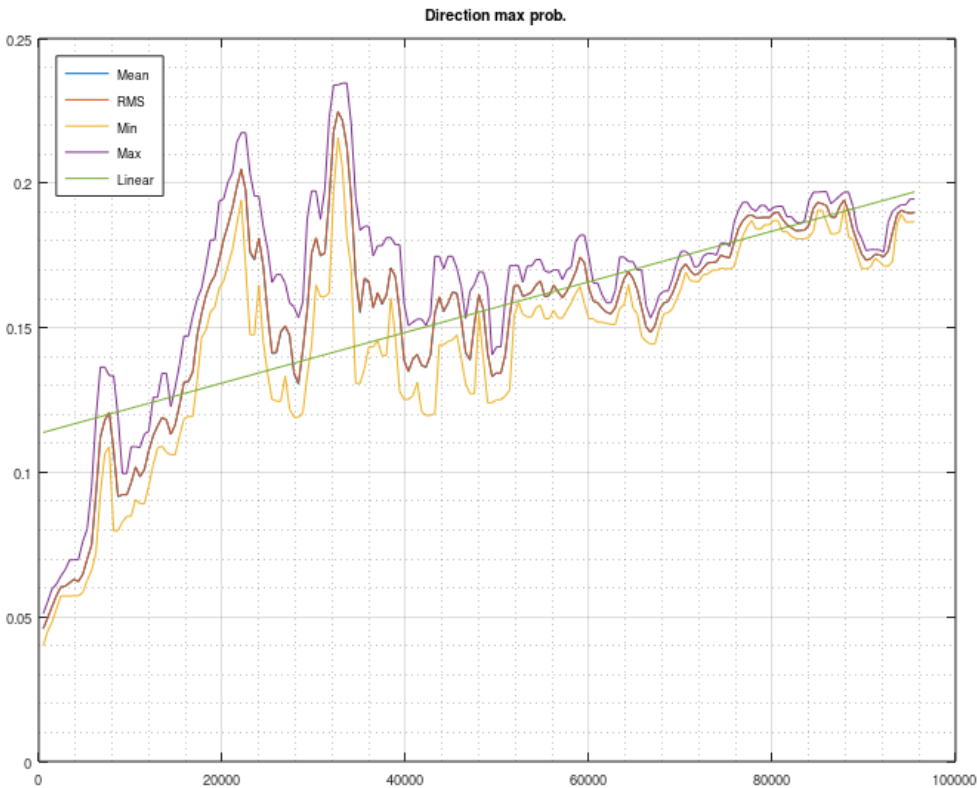
KPI	
Mean	0.155
Sigma	0.036
RMS	0.159
Min	0.04
Median	0.164
Max	0.235
Trend	Linear
From	0.113
To	0.197

0.0488	0.0665	0.0842	0.102	0.12	0.137	0.155	0.173	0.19	0.208	0.226
1974	3808	1864	3452	6194	9320	21774	25100	19260	1914	1340

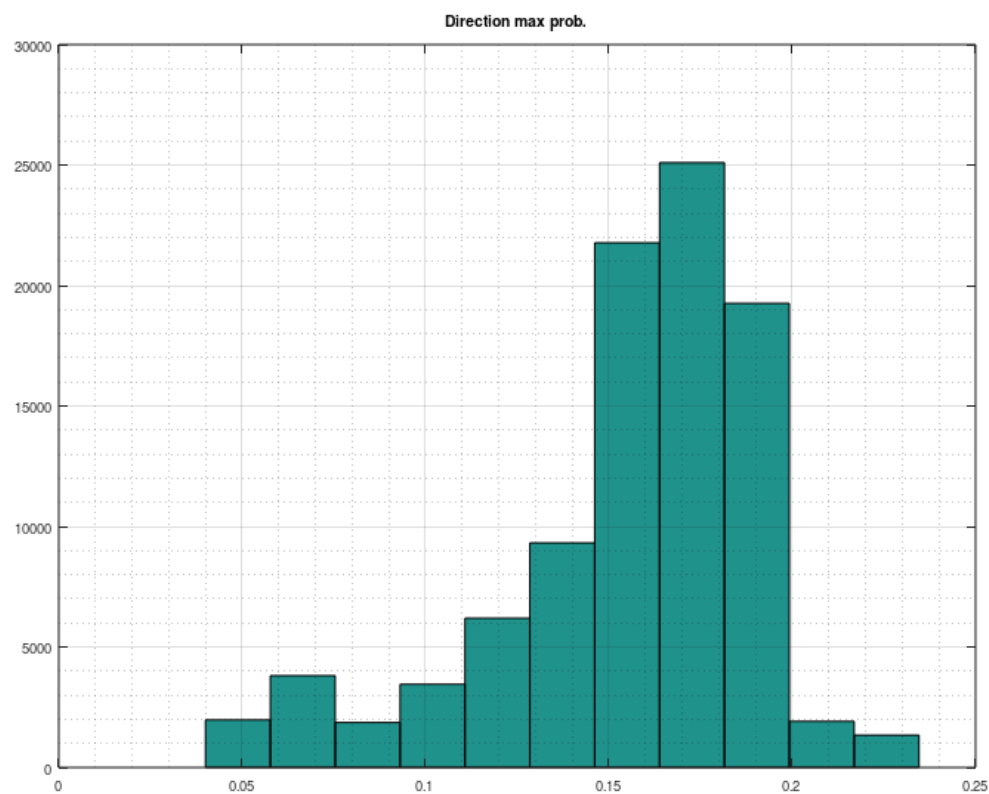
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

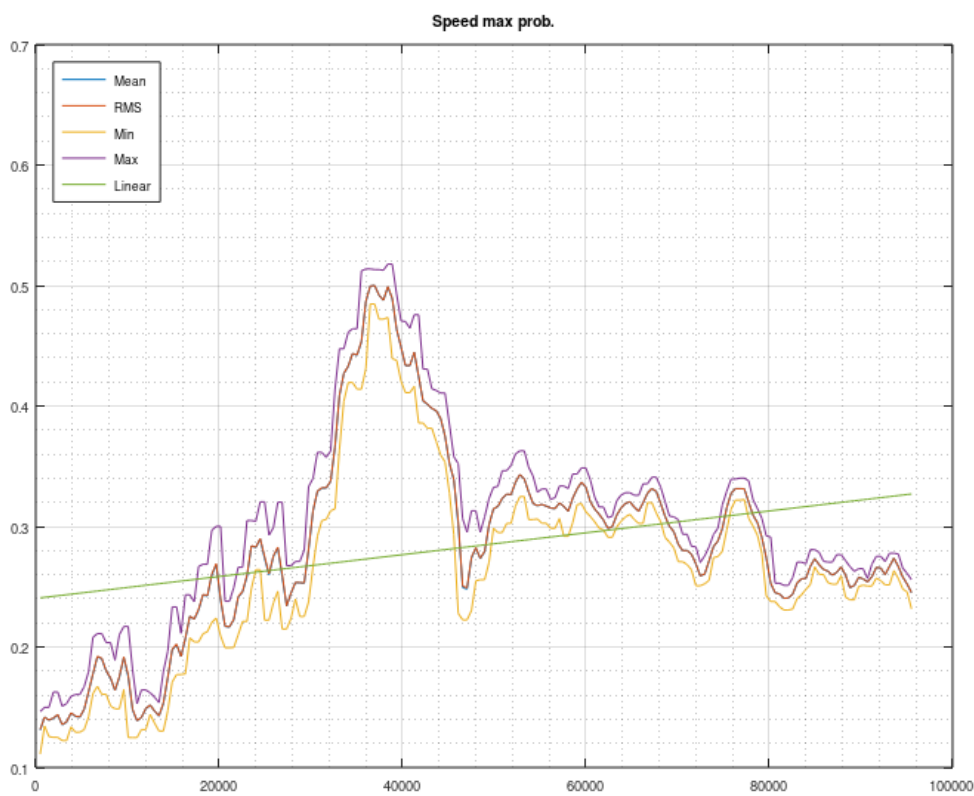
KPI	
Mean	0.284
Sigma	0.0839
RMS	0.296
Min	0.111
Median	0.278
Max	0.518
Trend	Linear
From	0.24
To	0.327

0.13	0.167	0.204	0.24	0.277	0.314	0.351	0.388	0.425	0.462	0.499
7098	6210	5000	17106	19268	23326	5978	2920	3590	2482	3022

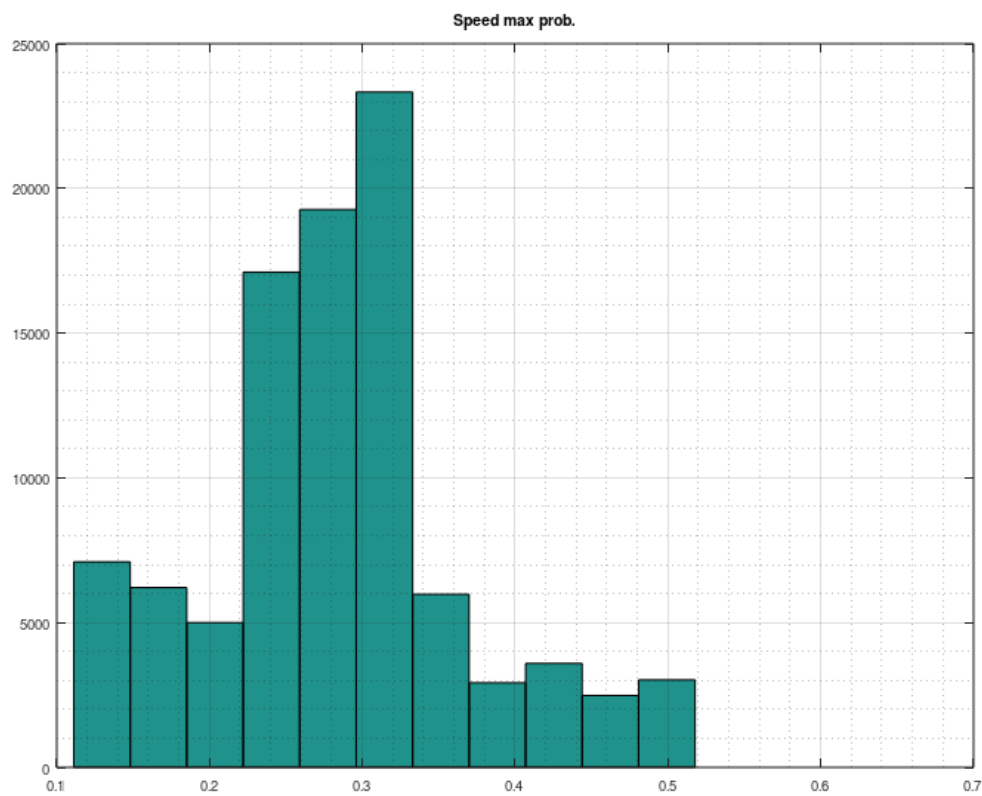
Speed max prob. notes

[Notes]

Speed max prob. chart



Speed max prob. histogram



Sensor direction max prob.

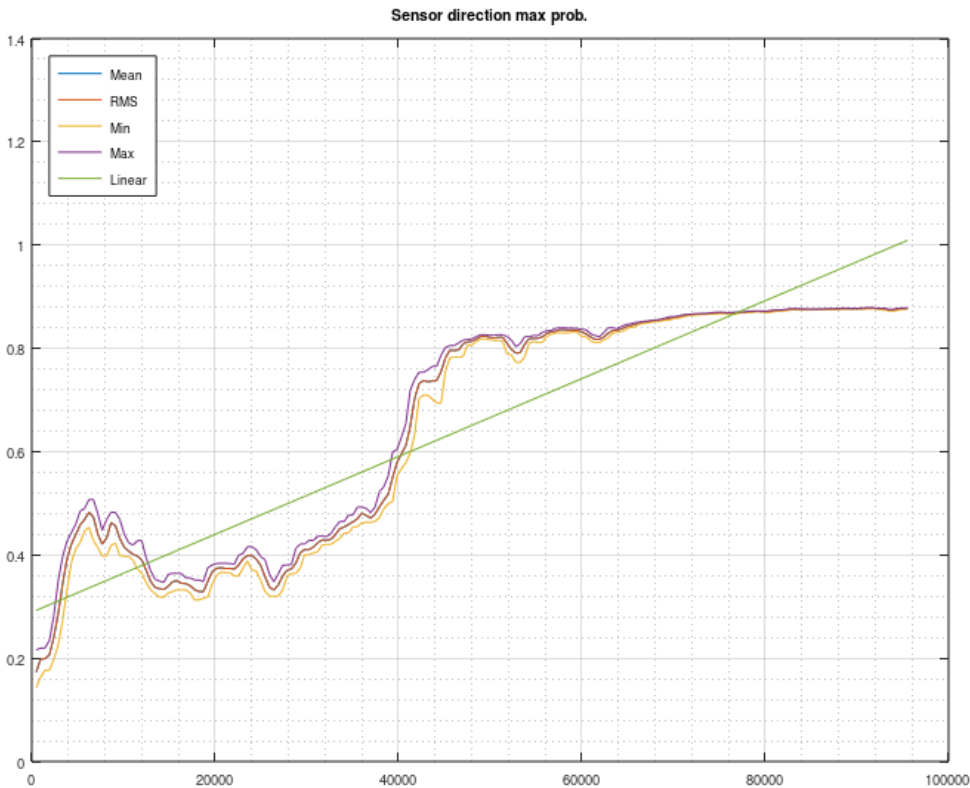
KPI	
Mean	0.651
Sigma	0.228
RMS	0.69
Min	0.143
Median	0.801
Max	0.879
Trend	Linear
From	0.289
To	1.01

0.176	0.243	0.31	0.377	0.444	0.511	0.578	0.645	0.711	0.778	0.845
1740	1146	5918	15142	11864	3454	1640	580	2560	5252	46704

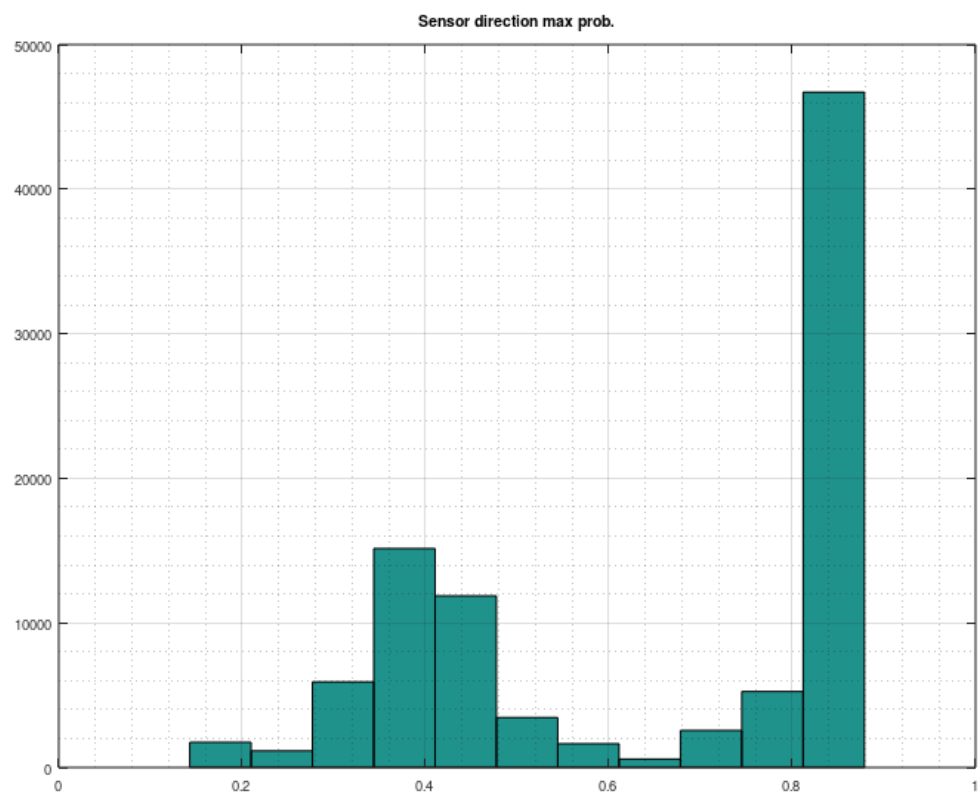
Sensor direction max prob. notes

[Notes]

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta halt prob.

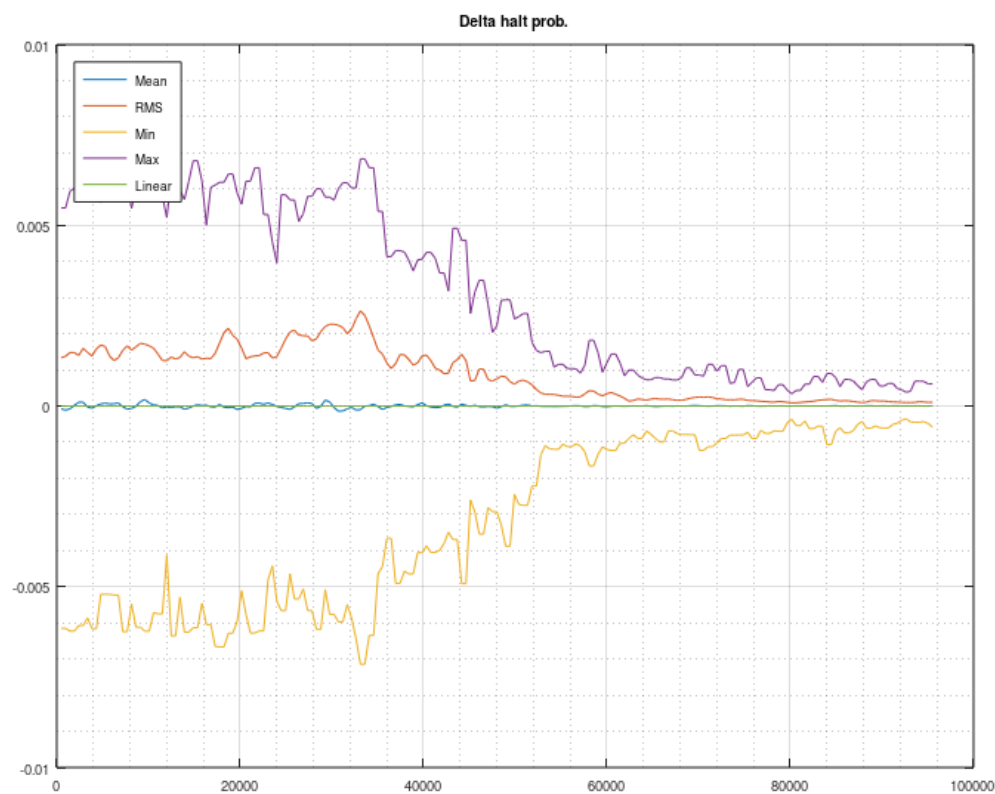
KPI	
Mean	-1.84e-06
Sigma	0.00113
RMS	0.00113
Min	-0.00714
Median	-3e-08
Max	0.00684
Trend	Linear
From	-3.19e-06
To	-4.97e-07

-0.00651	-0.00524	-0.00397	-0.0027	-0.00142	-0.000154	0.00112	0.00239	0.00366	0.00493	0.0062
76	372	1062	2426	7148	70450	9642	2872	1246	522	184

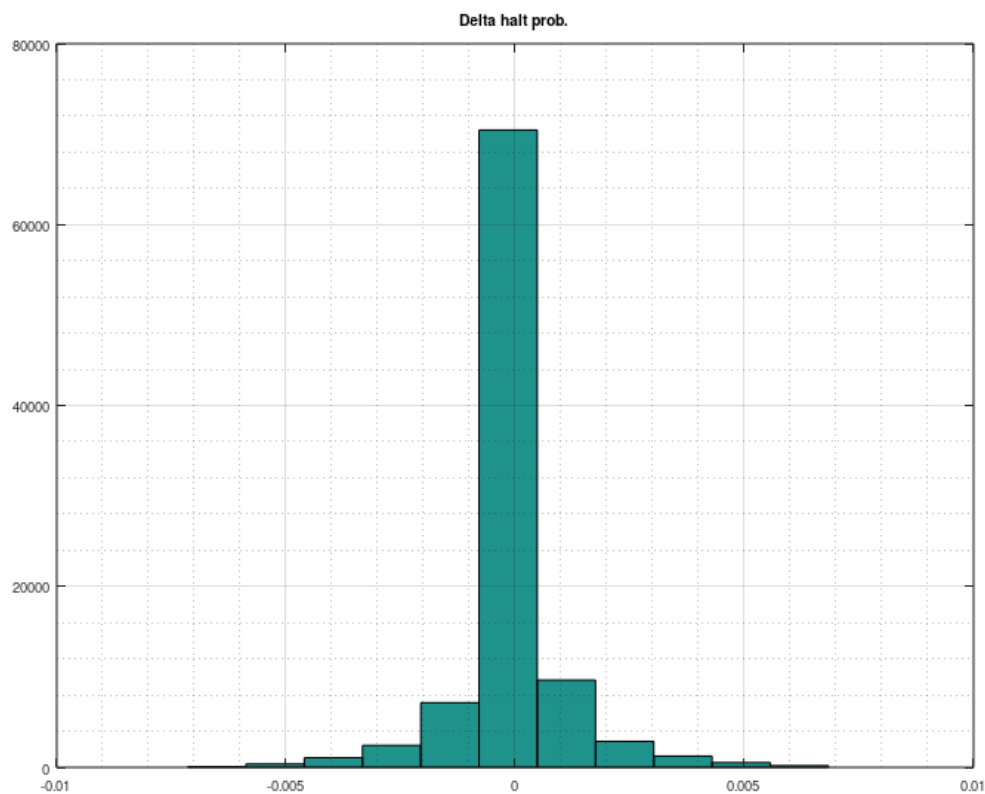
Delta halt prob. notes

[Notes]

Delta halt prob. chart



Delta halt prob. histogram



Delta direction prob.

KPI	
Mean	9.71e-06
Sigma	0.00138
RMS	0.00138
Min	-0.0073
Median	0.000126
Max	0.00613
Trend	Linear
From	1.7e-05
To	2.4e-06

-0.00669	-0.00547	-0.00425	-0.00302	-0.0018	-0.000582	0.000639	0.00186	0.00308	0.0043	0.00552
38	188	1204	5802	8522	26452	39210	12630	1748	180	26

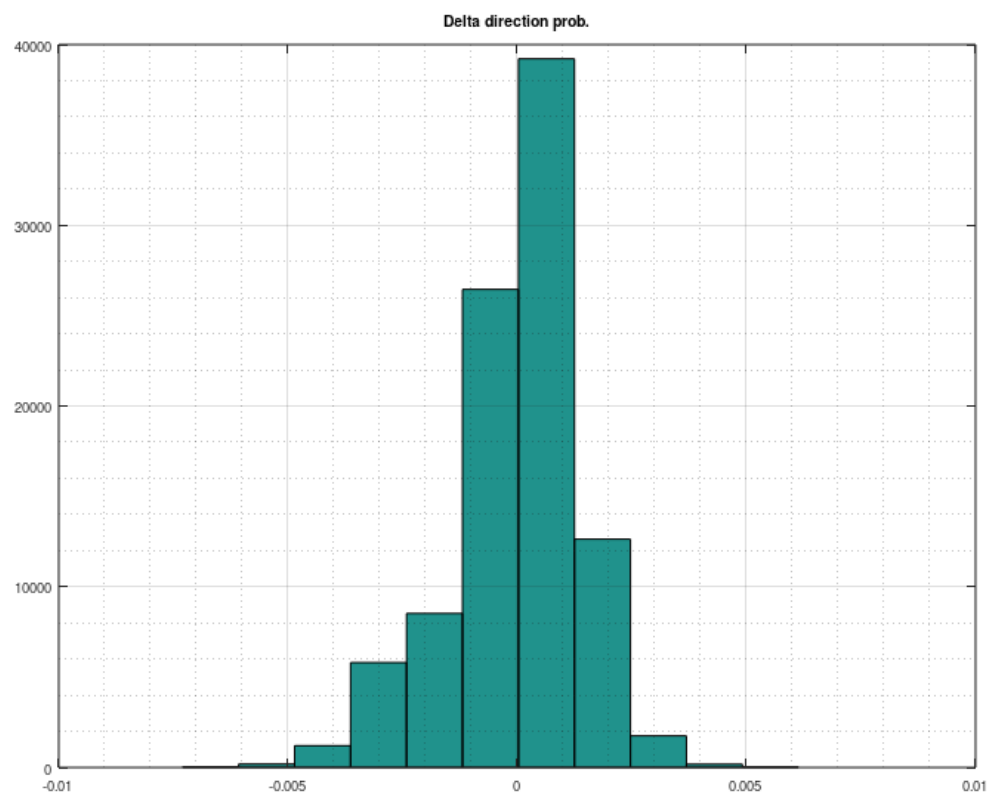
Delta direction prob. notes

[Notes]

Delta direction prob. chart



Delta direction prob. histogram



Delta speed prob.

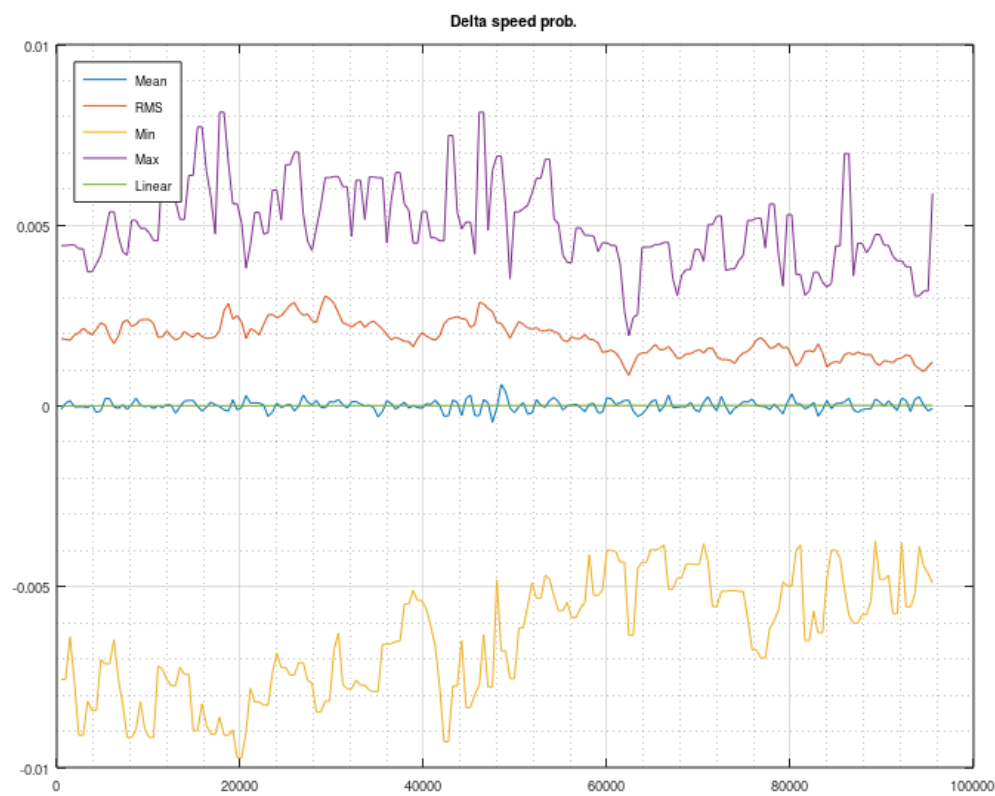
KPI	
Mean	1.25e-05
Sigma	0.00194
RMS	0.00194
Min	-0.00974
Median	0.000165
Max	0.00813
Trend	Linear
From	6.3e-06
To	1.87e-05

-0.00893	-0.0073	-0.00568	-0.00405	-0.00243	-0.000805	0.000819	0.00244	0.00407	0.00569	0.00732
74	354	1318	5736	9120	24752	38058	14112	2180	260	36

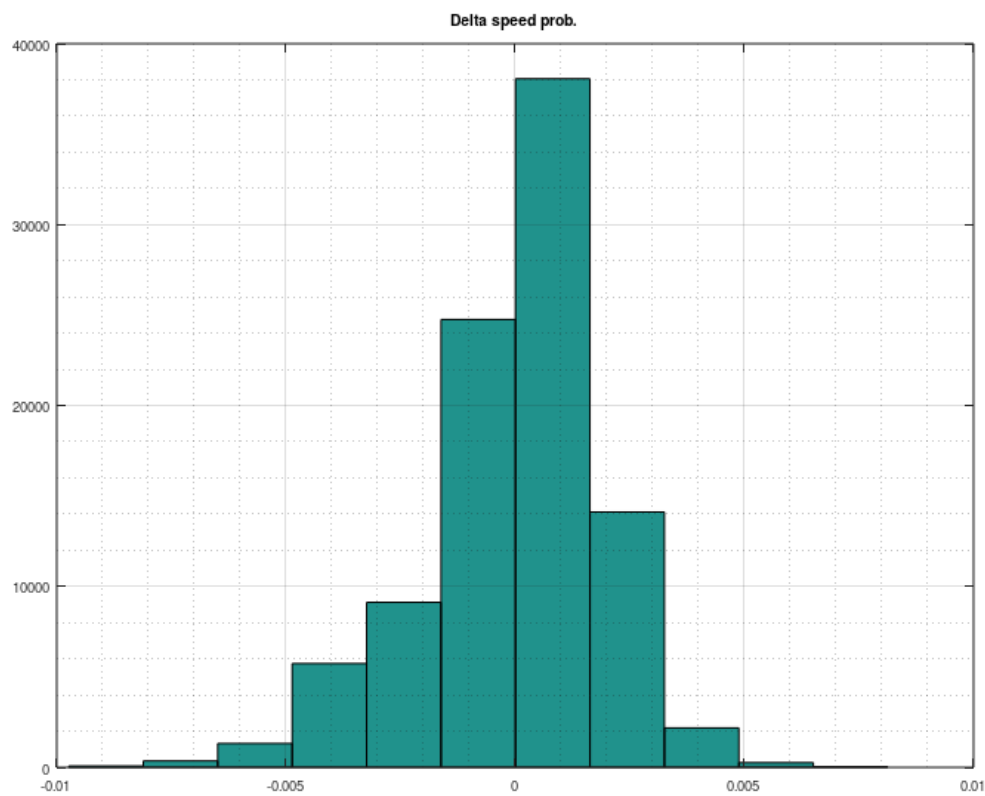
Delta speed prob. notes

[Notes]

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

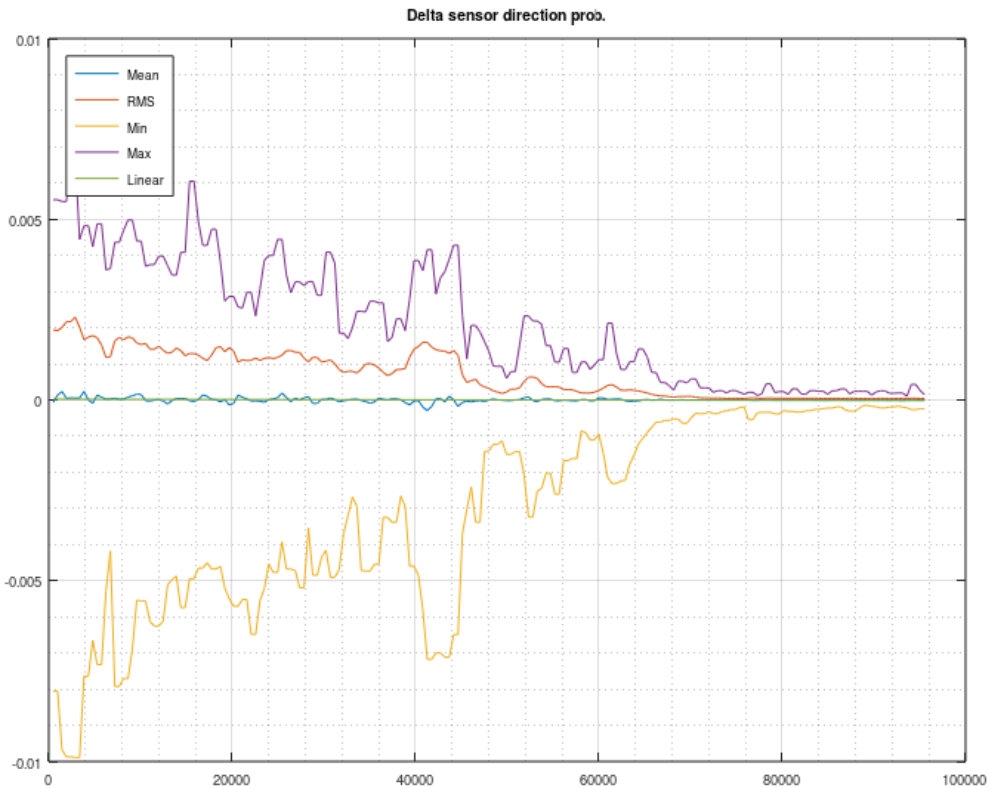
KPI	
Mean	3.29e-06
Sigma	0.000944
RMS	0.000944
Min	-0.00989
Median	6.96e-06
Max	0.00675
Trend	Linear
From	2.23e-05
To	-1.57e-05

-0.00914	-0.00762	-0.00611	-0.0046	-0.00308	-0.00157	-5.77e-05	0.00146	0.00297	0.00448	0.00599
14	44	150	732	1862	5534	75524	10788	1212	132	8

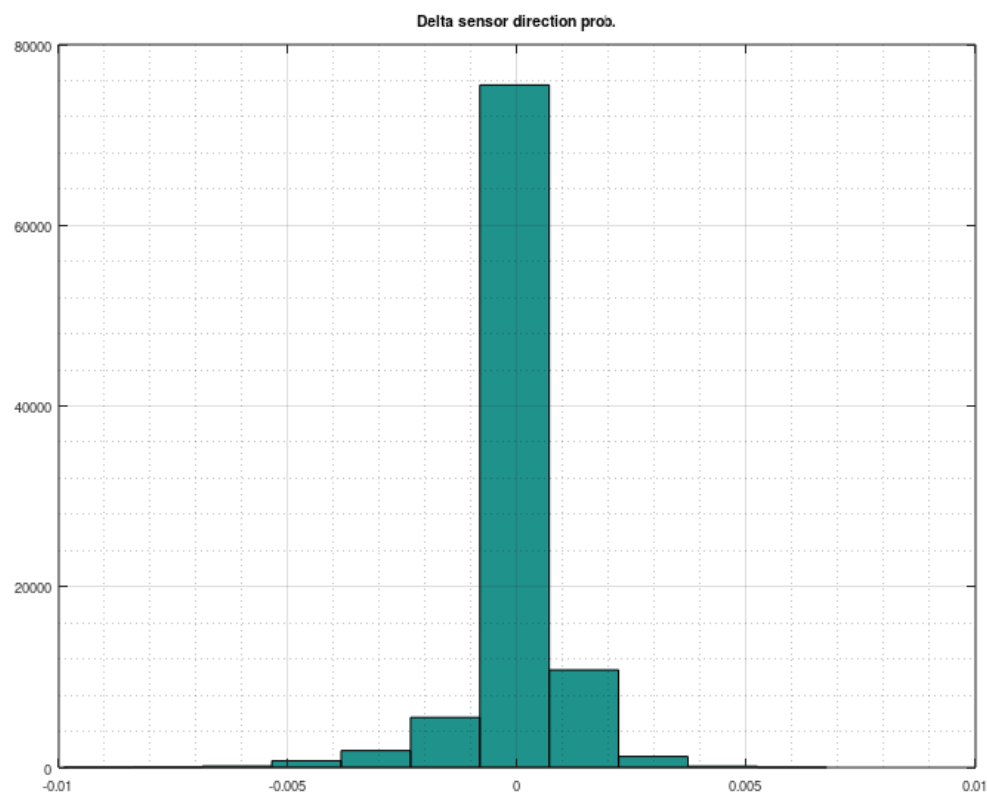
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

KPI										
Mean					0.00566					
Sigma					0.049					
RMS					0.0493					
Min					-0.156					
Median					0.00299					
Max					0.204					
Trend					Linear					
From					-0.0101					
To					0.0214					

-0.14	-0.107	-0.0742	-0.0415	-0.00869	0.0241	0.0569	0.0896	0.122	0.155	0.188
524	2086	4996	14560	31538	23852	9780	5626	1772	726	540

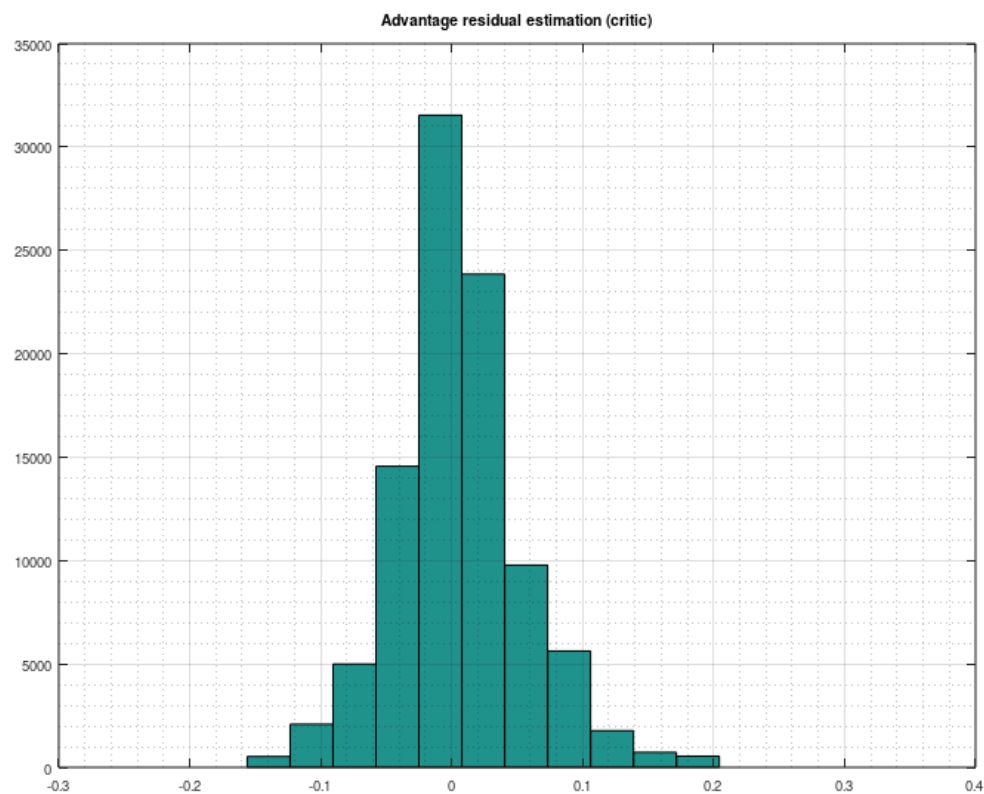
Advantage residual estimation (critic) notes

[Notes]

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



Delta Advantage residual estimation (critic)

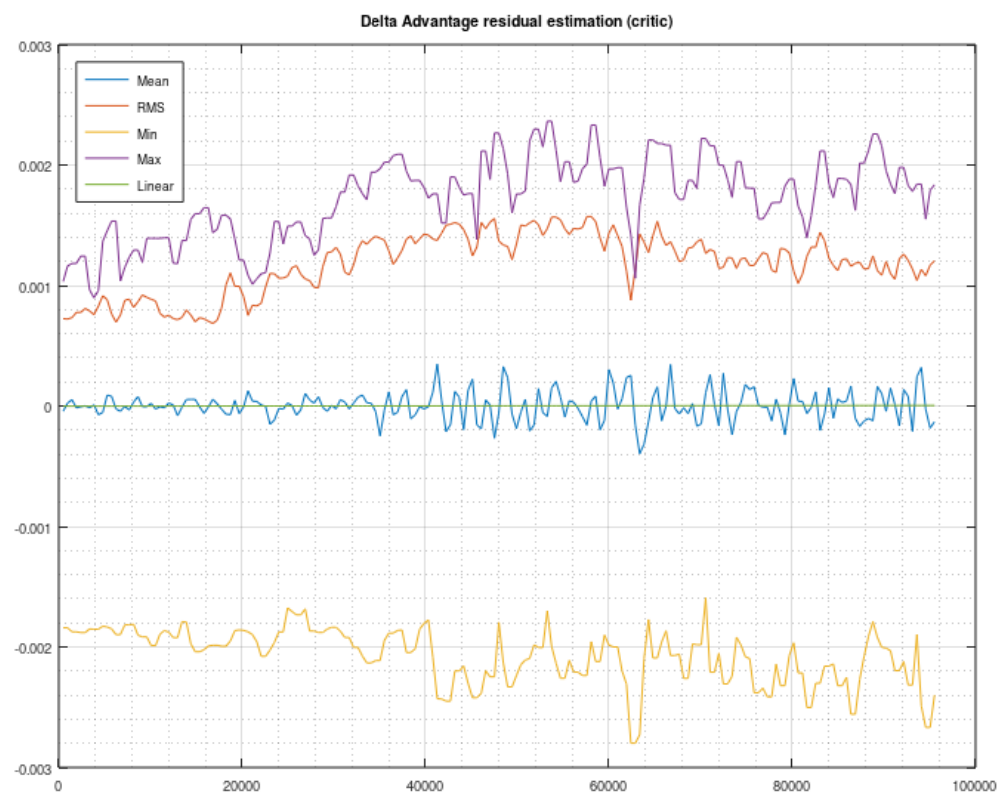
KPI	
Mean	1.23e-06
Sigma	0.0012
RMS	0.0012
Min	-0.0028
Median	0.000148
Max	0.00236
Trend	Linear
From	-1.76e-06
To	4.23e-06

-0.00256	-0.0021	-0.00163	-0.00116	-0.000687	-0.000218	0.000251	0.000721	0.00119	0.00166	0.00213
378	8116	15082	1786	1048	14600	15574	15084	15068	7996	1268

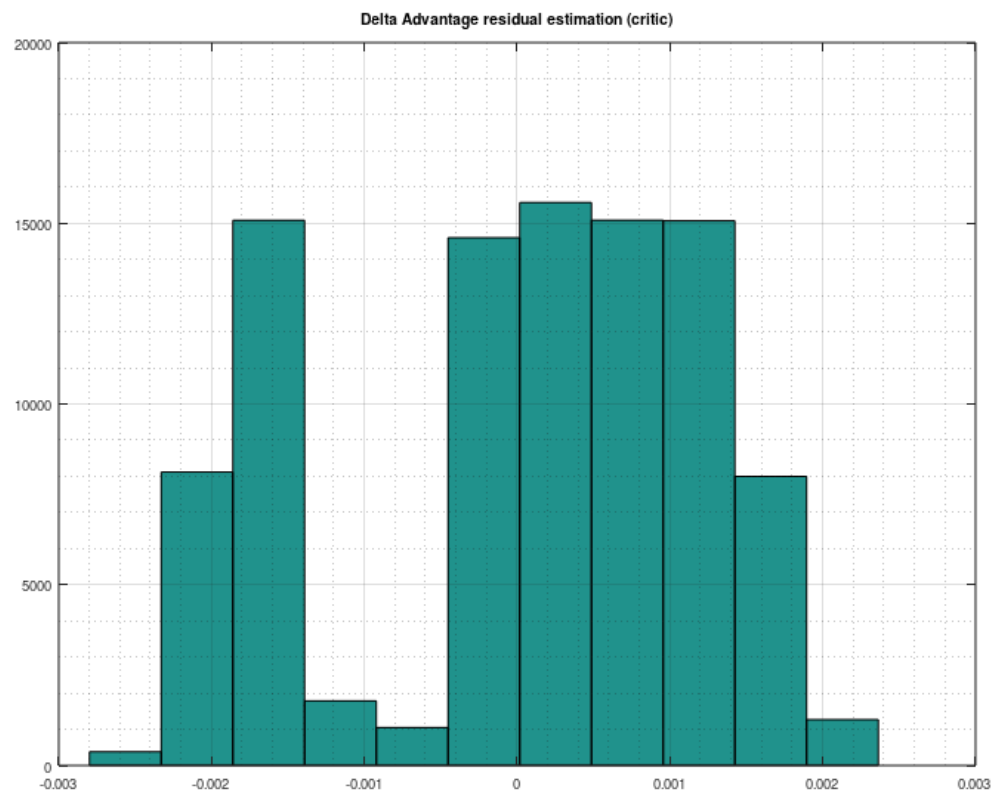
Delta Advantage residual estimation (critic) notes

[Notes]

Delta Advantage residual estimation (critic) chart



Delta Advantage residual estimation (critic) histogram



Avg Rewards

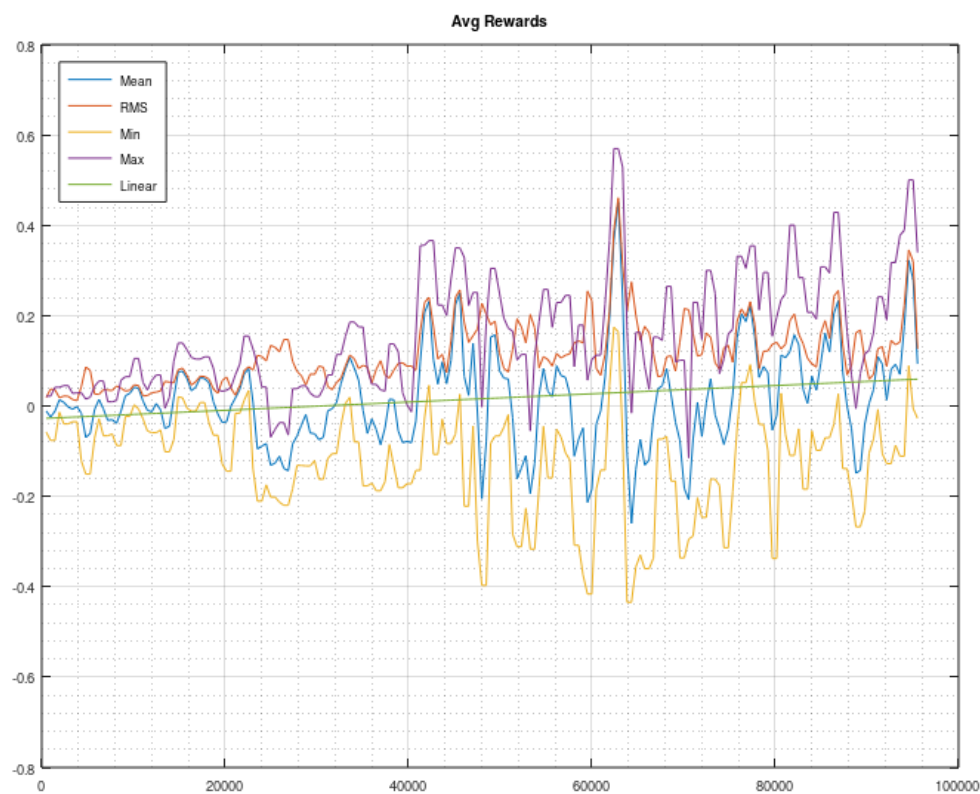
KPI											
Mean					0.016						
Sigma					0.136						
RMS					0.137						
Min					-0.434						
Median					0.00857						
Max					0.57						
Trend					Linear						
From					-0.0278						
To					0.0598						

-0.389	-0.297	-0.206	-0.115	-0.0237	0.0676	0.159	0.25	0.341	0.433	0.524
522	2084	4978	14614	31640	23792	9780	5586	1750	718	536

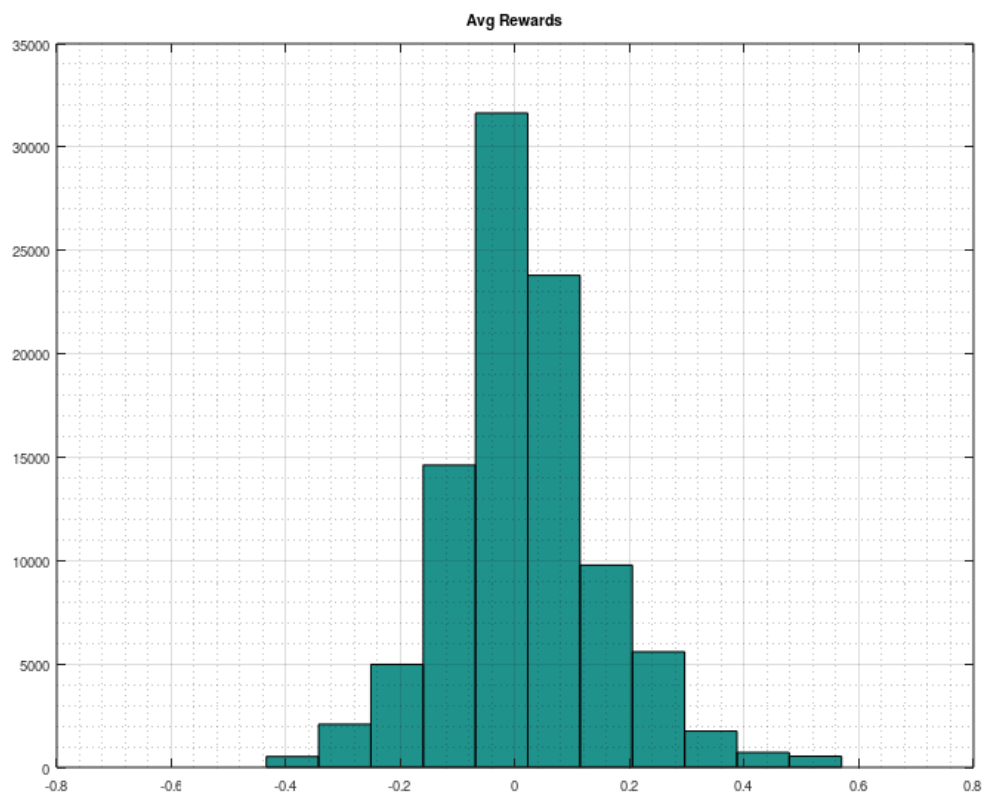
Avg Rewards notes

[Notes]

Avg Rewards chart



Avg Rewards histogram



Halt gradient

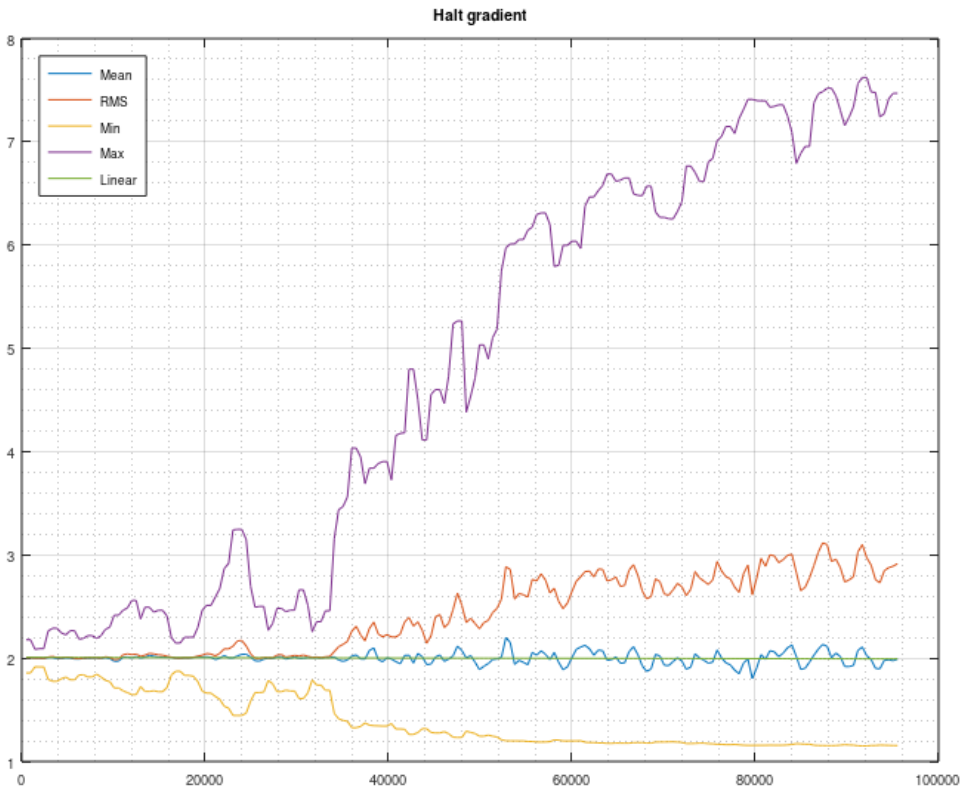
KPI	
Mean	2
Sigma	1.42
RMS	2.45
Min	1.15
Median	1.4
Max	7.62
Trend	Linear
From	2.01
To	1.99

1.44	2.03	2.62	3.21	3.8	4.39	4.97	5.56	6.15	6.74	7.33
56542	23670	4228	1522	1664	1192	556	806	2172	1744	1904

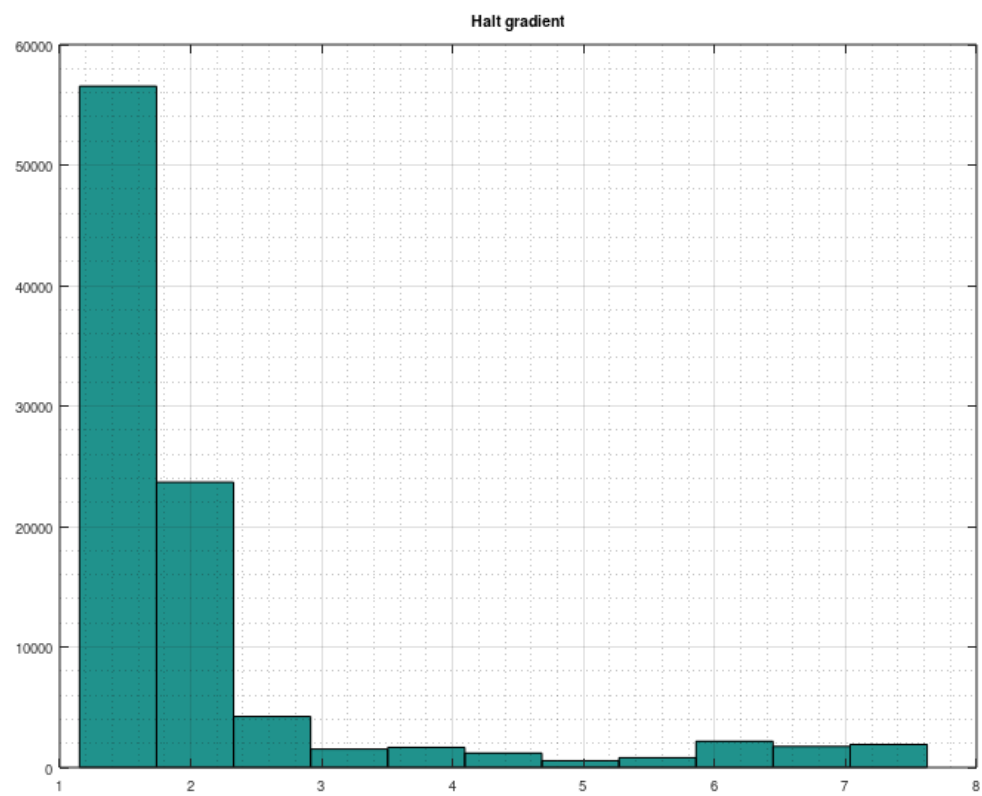
Halt gradient notes

[Notes]

Halt gradient chart



Halt gradient histogram



Direction gradient

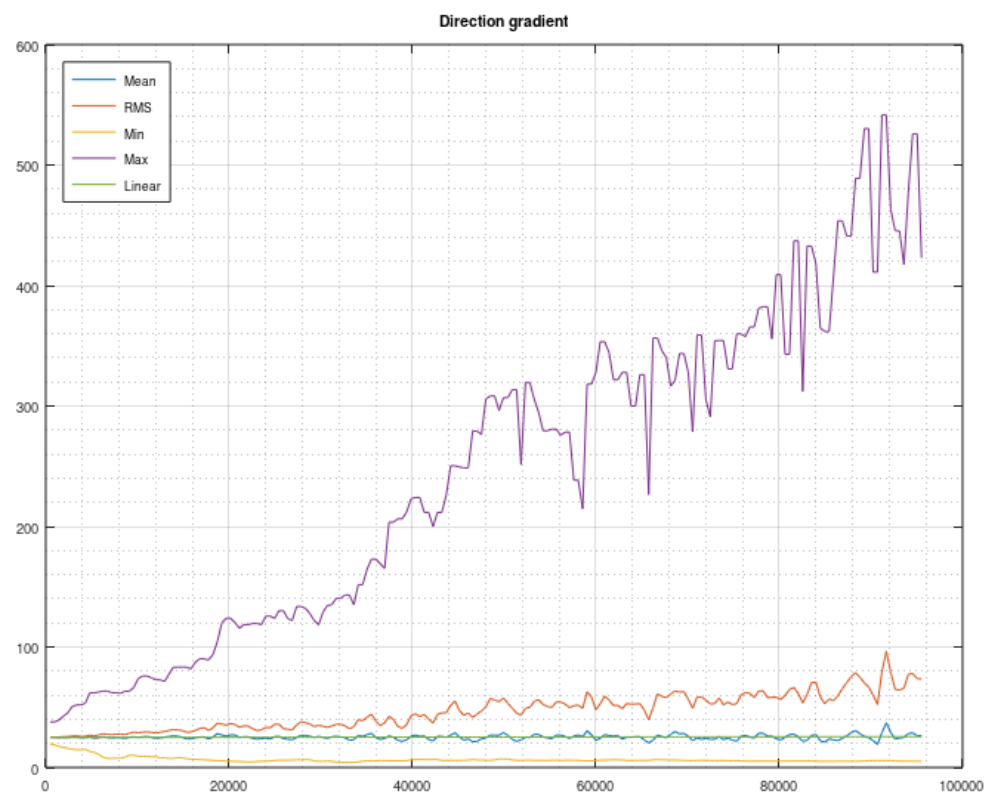
KPI	
Mean	25.2
Sigma	41.8
RMS	48.8
Min	4.28
Median	9.82
Max	541
Trend	Linear
From	24.8
To	25.5

28.7	77.5	126	175	224	273	322	371	419	468	517
86022	5430	2026	1198	606	316	194	126	64	12	6

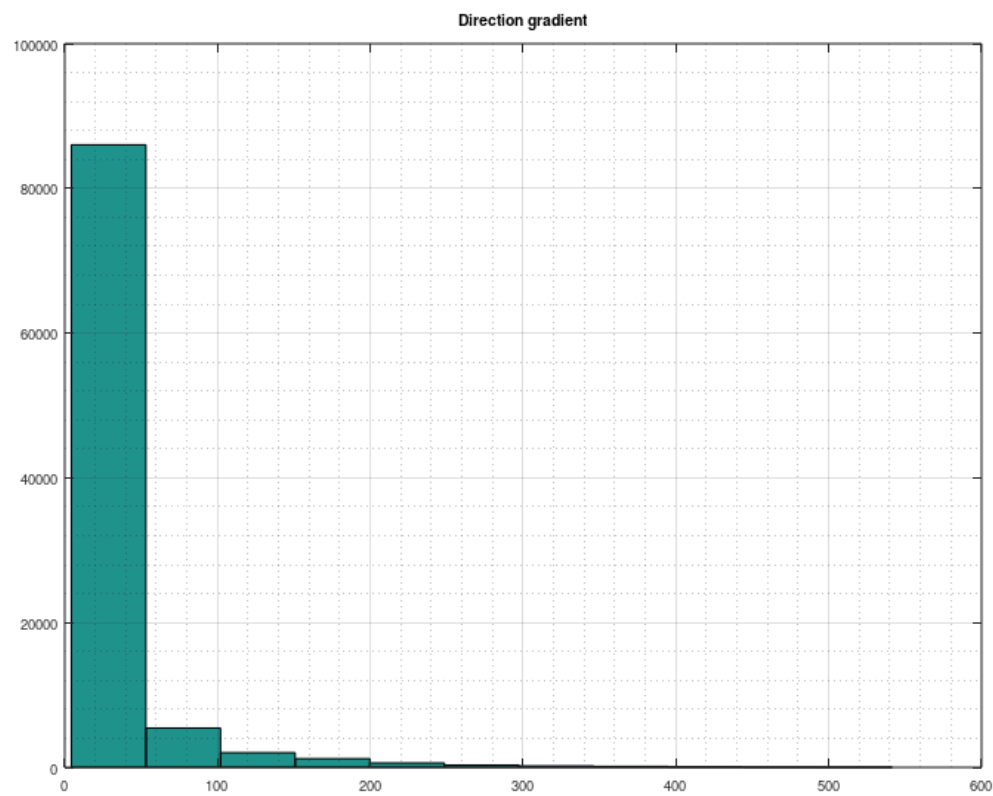
Direction gradient notes

[Notes]

Direction gradient chart



Direction gradient histogram



Speed gradient

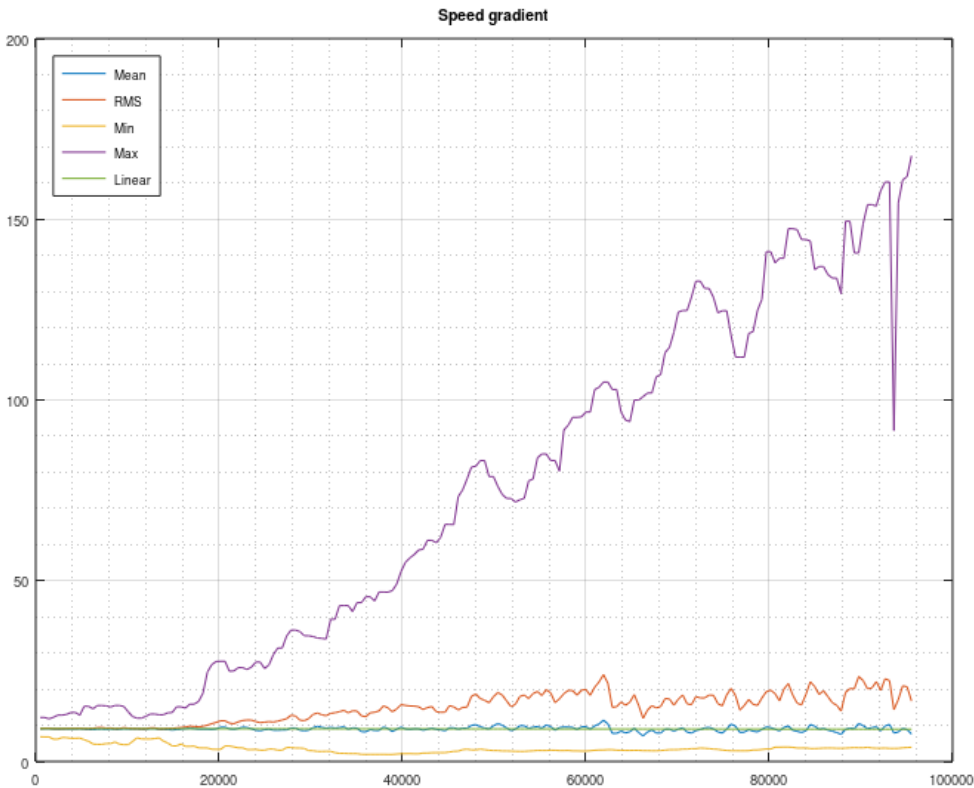
KPI	
Mean	8.99
Sigma	12.4
RMS	15.3
Min	1.93
Median	5.38
Max	168
Trend	Linear
From	9.06
To	8.91

9.46	24.5	39.6	54.6	69.7	84.7	99.8	115	130	145	160
87760	4382	1576	910	594	400	182	54	60	56	26

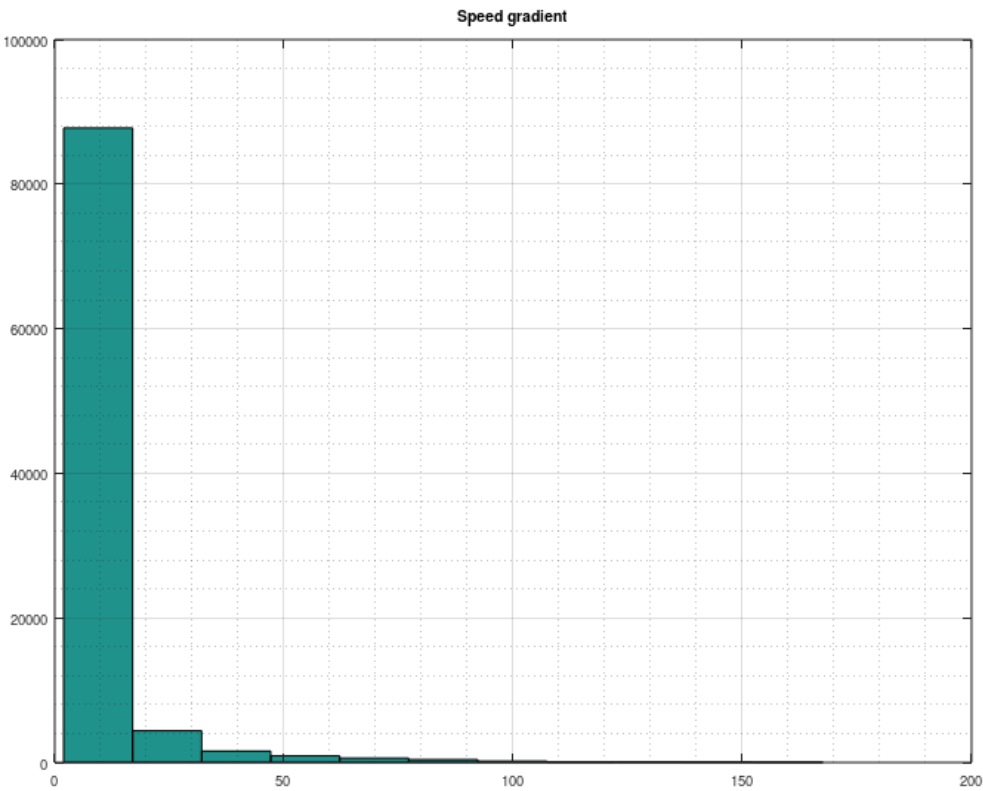
Speed gradient notes

[Notes]

Speed gradient chart



Speed gradient histogram



Sensor direction gradient

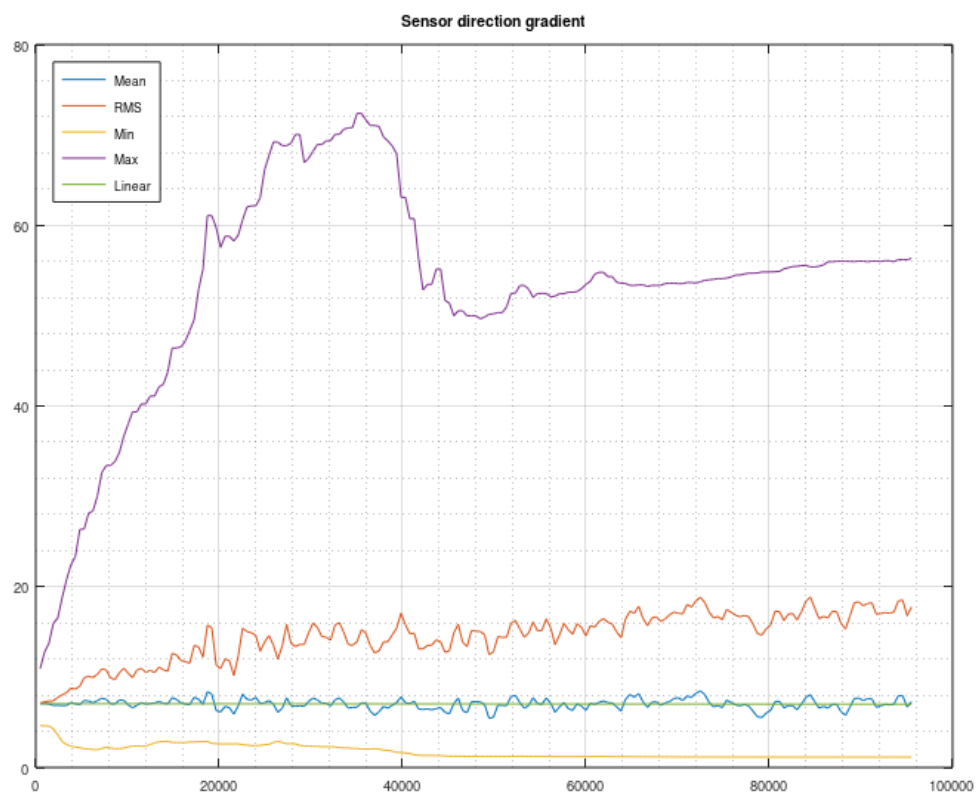
KPI										
Mean										7.03
Sigma										12.9
RMS										14.7
Min										1.14
Median										2
Max										72.4
Trend										Linear
From										7.06
To										7

4.38	10.9	17.3	23.8	30.3	36.8	43.2	49.7	56.2	62.7	69.1
78260	5478	1840	2060	1102	1692	1528	1874	1626	256	284

Sensor direction gradient notes

[Notes]

Sensor direction gradient chart



Sensor direction gradient histogram

