Report

21 November 2022, 20:50

Data folder C:\Users\marco\Desktop\wheellyj\data\explorer-agent-1e-3\

- Report
 - Rewards
 - Rewards notes
 - Rewards chart
 - Rewards histogram
 - Delta
 - Delta notes
 - Delta chart
 - Delta histogram
 - o Discount 0.999 rewards
 - Discount 0.999 rewards notes
 - Discount 0.999 rewards chart
 - Discount 0.999 rewards histogram
 - · Halt max prob.
 - Halt max prob. notes
 - Halt max prob. chart
 - Halt max prob. histogram
 - · Direction max prob.
 - Direction max prob. notes
 - Direction max prob. chart
 - Direction max prob. histogram
 - Speed max prob.
 - Speed max prob. notes
 - Speed max prob. chart
 - Speed max prob. histogram
 - Sensor direction max prob.
 - Sensor direction max prob. notes
 - Sensor direction max prob. chart
 - Sensor direction max prob. histogram
 - o Delta halt prob.
 - Delta halt prob. notes
 - Delta halt prob. chart
 - Delta halt prob. histogram
 - Delta direction prob.
 - Delta direction prob. notes
 - Delta direction prob. chart
 - Delta direction prob. histogram
 - o Delta speed prob.
 - Delta speed prob. notes
 - Delta speed prob. chart
 - Delta speed prob. histogram
 - Delta sensor direction prob.
 - Delta sensor direction prob. notes
 - Delta sensor direction prob. chart
 - Delta sensor direction prob. histogram
 - Advantage residual estimation (critic)
 - Advantage residual estimation (critic) notes

- Advantage residual estimation (critic) chart
- Advantage residual estimation (critic) histogram
- Delta Advantage residual estimation (critic)
 - Delta Advantage residual estimation (critic) notes
 - Delta Advantage residual estimation (critic) chart
 - Delta Advantage residual estimation (critic) histogram
- Avg Rewards
 - Avg Rewards notes
 - Avg Rewards chart
 - Avg Rewards histogram
- Halt gradient
 - Halt gradient notes
 - Halt gradient chart
 - Halt gradient histogram
- Direction gradient
 - Direction gradient notes
 - Direction gradient chart
 - Direction gradient histogram
- Speed gradient
 - Speed gradient notes
 - Speed gradient chart
 - Speed gradient histogram
- Sensor direction gradient
 - Sensor direction gradient notes
 - Sensor direction gradient chart
 - Sensor direction gradient histogram

Rewards

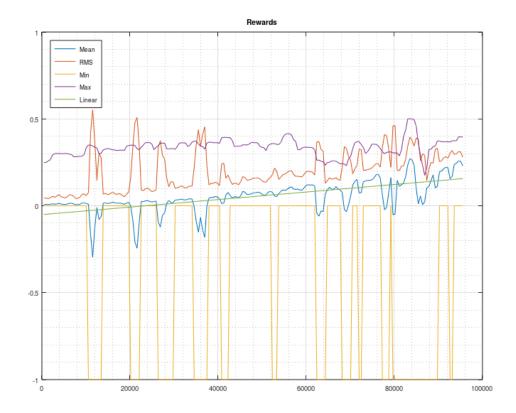
КРІ	
Mean	0.0532
Sigma	0.221
RMS	0.227
Min	-1
Median	0
Max	0.5
Trend	Linear
From	-0.0509
То	0.157

-0.932	-0.795	-0.659	-0.523	-0.386	-0.25	-0.114	0.0227	0.159	0.295	0.432	
2494	0	0	0	0	0	0	68610	3484	17104	4308	

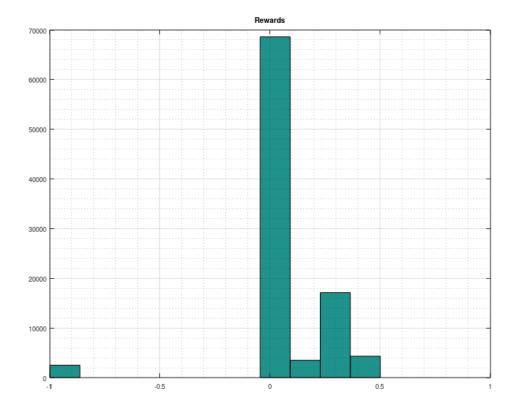
Rewards notes

[Notes]

Rewards chart



Rewards histogram



Delta

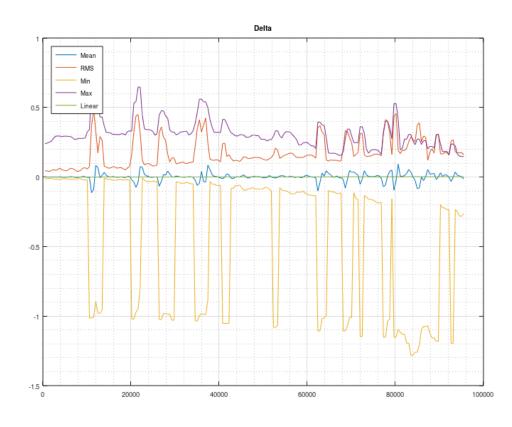
KPI	
Mean	0.000928
Sigma	0.202
RMS	0.202
Min	-1.28
Median	-0.0136
Max	0.721
Trend	Linear
From	-0.00055
То	0.00241

-1	1.19	-1.01	-0.827	-0.645	-0.463	-0.281	-0.0986	0.0835	0.265	0.448	0.63
	202	1146	946	200	0	2300	51930	23574	14906	744	52

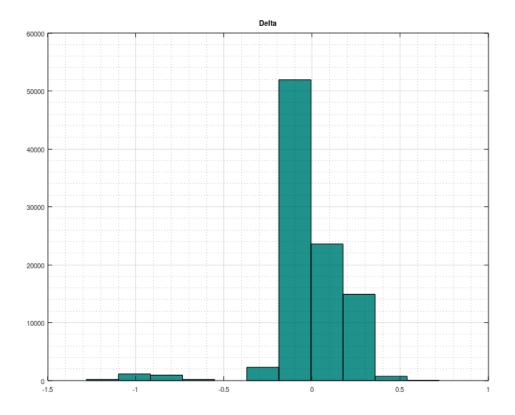
Delta notes

[Notes]

Delta chart



Delta histogram



Discount 0.999 rewards

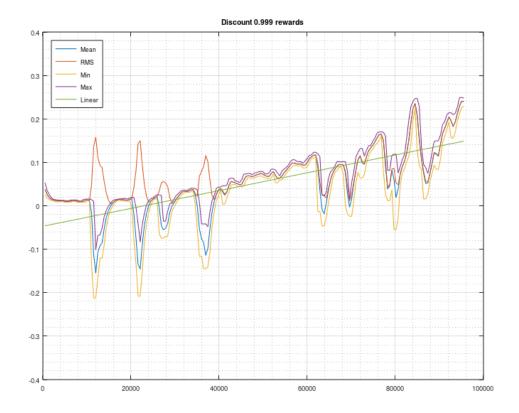
КРІ	
Mean	0.0513
Sigma	0.0769
RMS	0.0924
Min	-0.212
Median	0.0462
Max	0.249
Trend	Linear
From	-0.0471
То	0.15

-0.191	-0.149	-0.107	-0.0653	-0.0234	0.0186	0.0605	0.102	0.144	0.186	0.228
619	960	2725	4630	6057	31149	19507	16578	6297	3476	4002

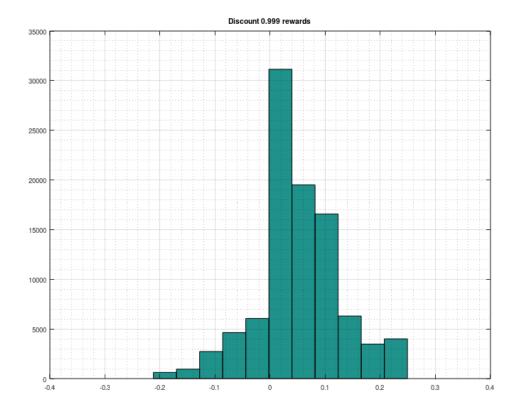
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



Halt max prob.

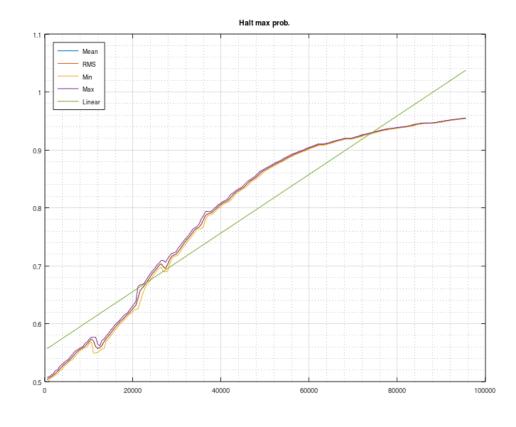
KPI	
Mean	0.797
Sigma	0.146
RMS	0.81
Min	0.5
Median	0.853
Max	0.955
Trend	Linear
From	0.554
То	1.04

0.521	0.562	0.603	0.645	0.686	0.728	0.769	0.81	0.852	0.893	0.934
6146	8722	4900	2708	5524	4572	4566	6972	7456	13940	30494

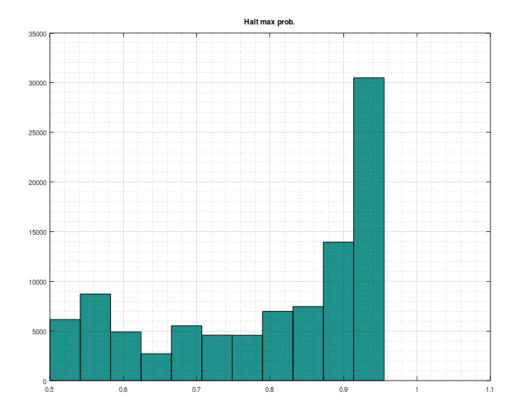
Halt max prob. notes

[Notes]

Halt max prob. chart



Halt max prob. histogram



Direction max prob.

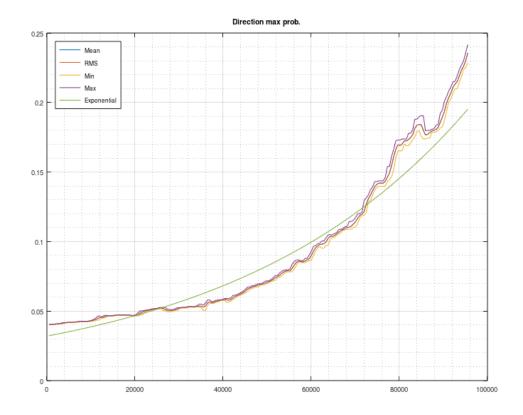
КРІ	
Mean	0.0925
Sigma	0.0543
RMS	0.107
Min	0.04
Median	0.069
Max	0.242
Trend	Exponential
From	0.032
То	0.197

0.0492	0.0675	0.0858	0.104	0.123	0.141	0.159	0.178	0.196	0.214	0.233
41186	11856	7764	8914	3492	4412	2146	9040	2654	2610	1926

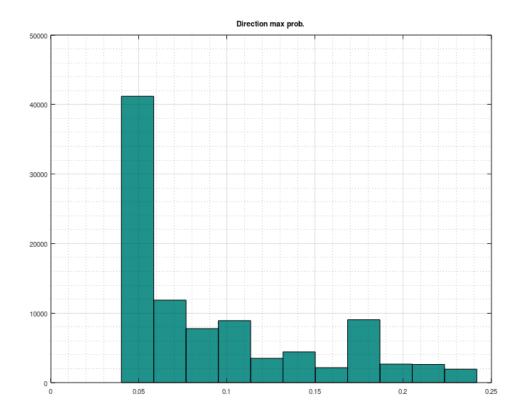
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

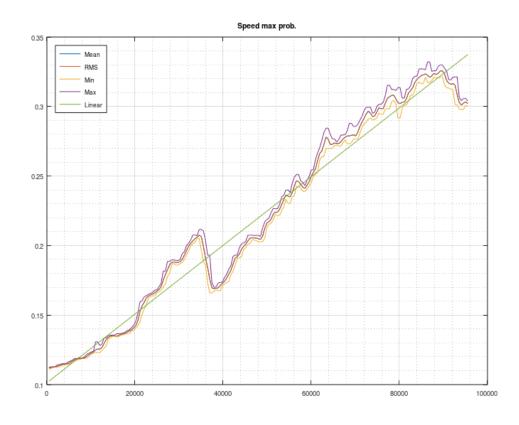
КРІ	
Mean	0.22
Sigma	0.0696
RMS	0.231
Min	0.111
Median	0.207
Max	0.332
Trend	Linear
From	0.101
То	0.339

0.121	0.141	0.161	0.181	0.202	0.222	0.242	0.262	0.282	0.302	0.322
13148	8038	7022	9654	11510	4284	6550	3014	8924	13642	10214

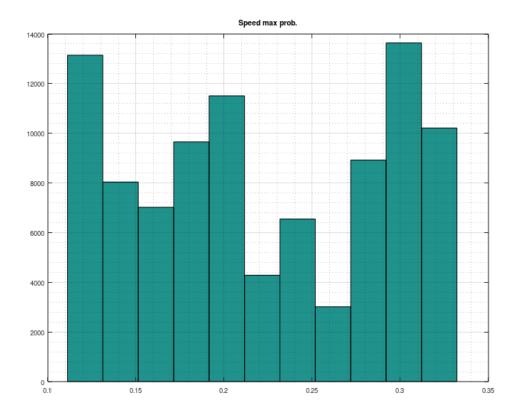
Speed max prob. notes

[Notes]

Speed max prob. chart



Speed max prob. histogram



Sensor direction max prob.

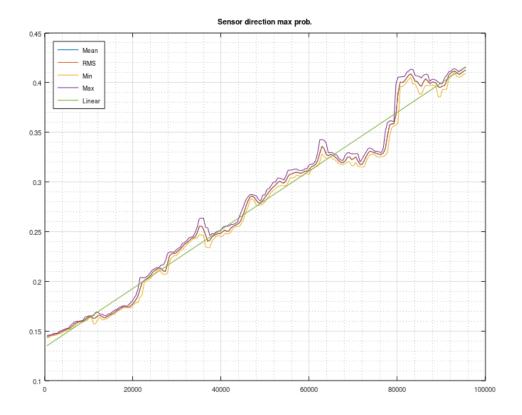
КРІ	
Mean	0.276
Sigma	0.0828
RMS	0.288
Min	0.143
Median	0.283
Max	0.415
Trend	Linear
From	0.134
То	0.417

0.155	0.18	0.205	0.229	0.254	0.279	0.304	0.328	0.353	0.378	0.403	
15570	6152	6062	5954	11280	5974	9868	16678	2258	392	15812	

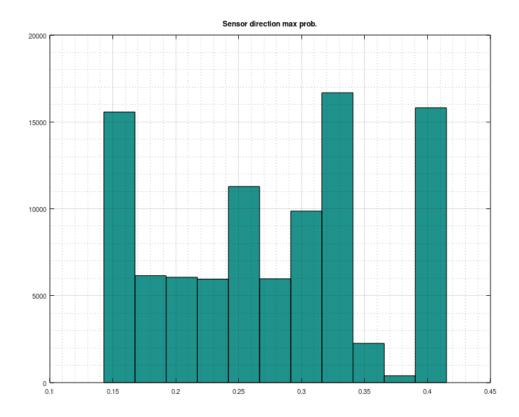
Sensor direction max prob. notes

[Notes]

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta halt prob.

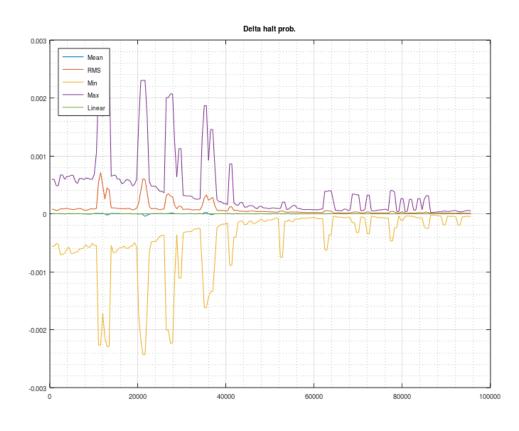
KPI	
Mean	-6.1e-08
Sigma	0.000139
RMS	0.000139
Min	-0.00243
Median	2e-08
Max	0.00262
Trend	Linear
From	-1.17e-07
То	-4.67e-09

-0.0022	-0.00174	-0.00128	-0.000824	-0.000364	9.5e-05	0.000554	0.00101	0.00147	0.00193	0.00239
36	44	132	316	2154	92156	834	186	94	34	14

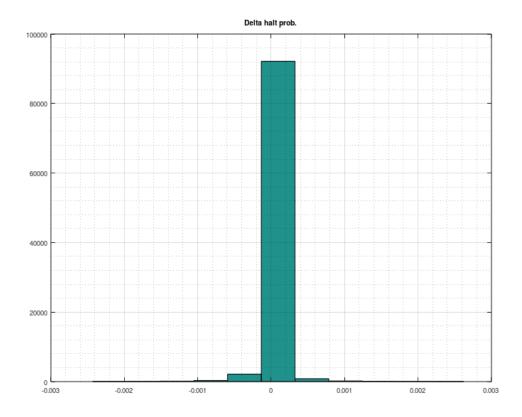
Delta halt prob. notes

[Notes]

Delta halt prob. chart



Delta halt prob. histogram



Delta direction prob.

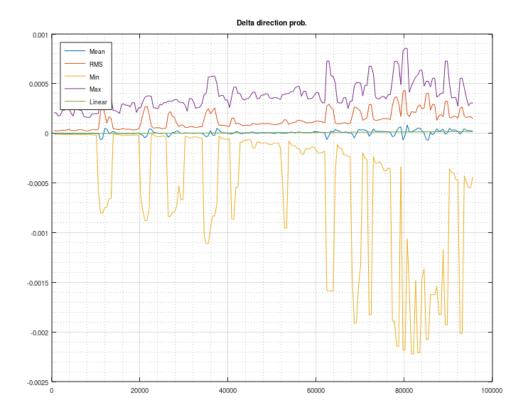
КРІ	
Mean	6.46e-06
Sigma	0.000161
RMS	0.000161
Min	-0.00222
Median	-7.62e-06
Max	0.000855
Trend	Linear
From	-4.48e-06
То	1.74e-05

-0.00208	-0.0018	-0.00152	-0.00124	-0.000963	-0.000683	-0.000404	-0.000124	0.000156	0.000436	0.000715	
18	26	70	156	310	520	1830	60458	30884	1664	64	

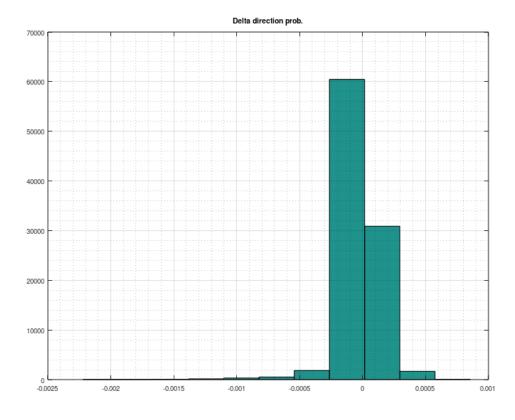
Delta direction prob. notes

[Notes]

Delta direction prob. chart



Delta direction prob. histogram



Delta speed prob.

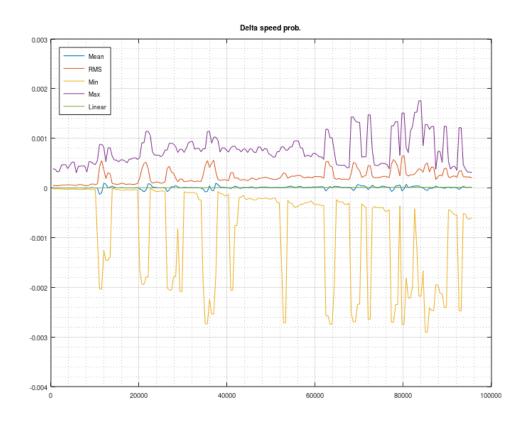
KPI	
Mean	7.24e-06
Sigma	0.000268
RMS	0.000269
Min	-0.00291
Median	-1.36e-05
Max	0.00176
Trend	Linear
From	-2.2e-07
То	1.47e-05

-0.00269	-0.00227	-0.00185	-0.00142	-0.000998	-0.000574	-0.00015	0.000273	0.000697	0.00112	0.00155
34	104	222	378	966	1240	63374	27106	2372	180	24

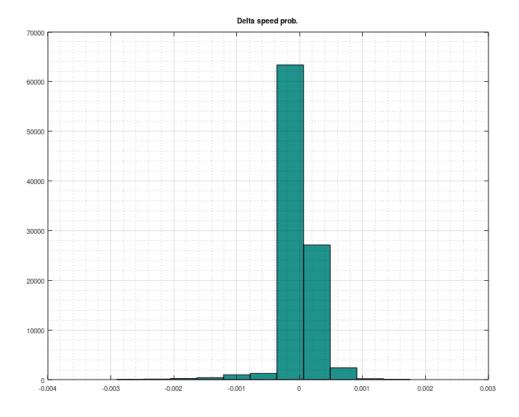
Delta speed prob. notes

[Notes]

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

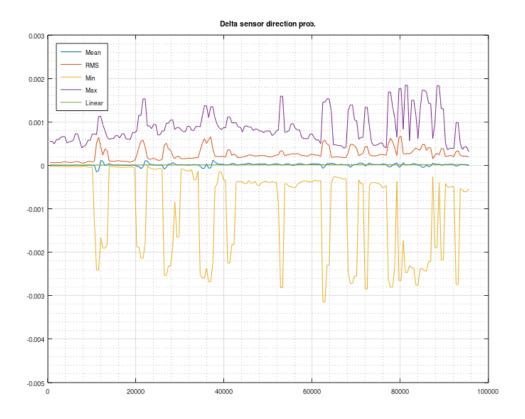
КРІ	
Mean	1.22e-05
Sigma	0.00029
RMS	0.00029
Min	-0.00314
Median	-1.24e-05
Max	0.00184
Trend	Linear
From	5.06e-06
То	1.92e-05

-0.00292	-0.00246	-0.00201	-0.00156	-0.0011	-0.000649	-0.000196	0.000258	0.000711	0.00116	0.00162	
16	94	268	358	898	948	57008	33048	3092	216	54	

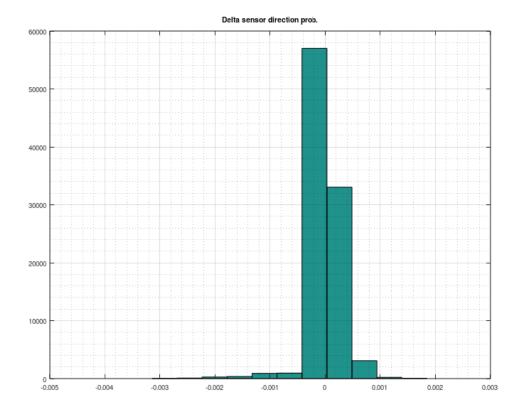
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

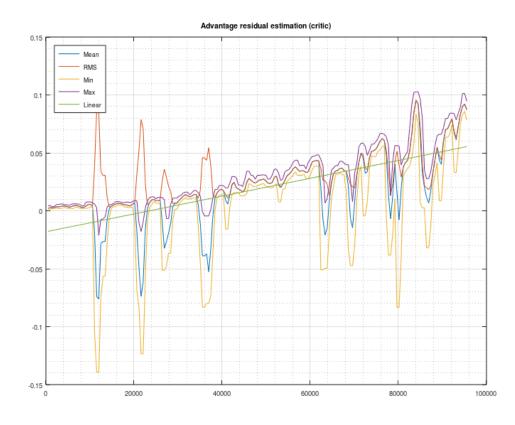
KPI	
Mean	0.0188
Sigma	0.0325
RMS	0.0376
Min	-0.139
Median	0.0165
Max	0.103
Trend	Linear
From	-0.0181
То	0.0557

-0.128	-0.106	-0.0843	-0.0623	-0.0403	-0.0183	0.0037	0.0257	0.0477	0.0697	0.0917
220	412	672	1586	3594	5490	33356	27564	13498	5912	3696

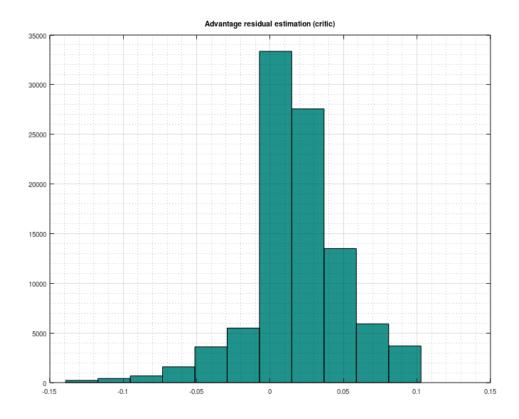
Advantage residual estimation (critic) notes

[Notes]

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



Delta Advantage residual estimation (critic)

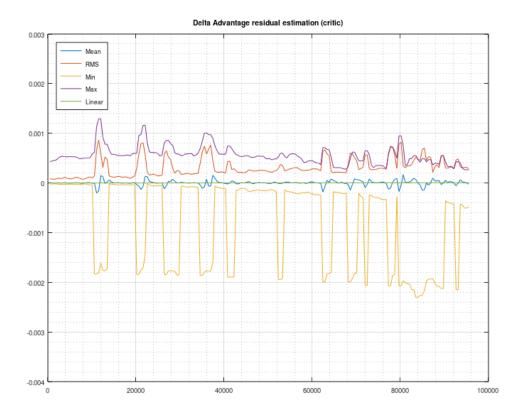
КРІ	
Mean	1.67e-06
Sigma	0.000363
RMS	0.000363
Min	-0.0023
Median	-2.45e-05
Max	0.00129
Trend	Linear
From	-9.91e-07
То	4.33e-06

-0.00214	-0.00181	-0.00149	-0.00116	-0.000831	-0.000504	-0.000178	0.000149	0.000476	0.000803	0.00113	
216	1148	932	198	0	2296	51394	24008	14994	760	54	

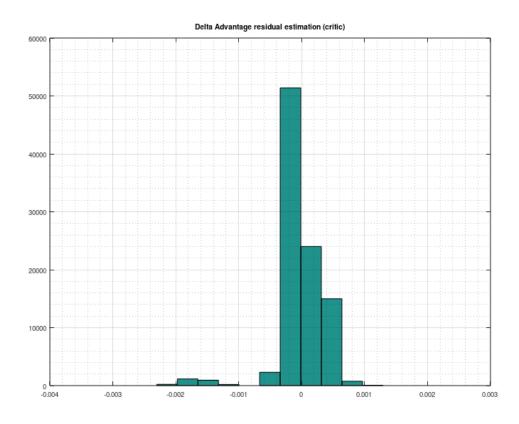
Delta Advantage residual estimation (critic) notes

[Notes]

Delta Advantage residual estimation (critic) chart



Delta Advantage residual estimation (critic) histogram



Avg Rewards

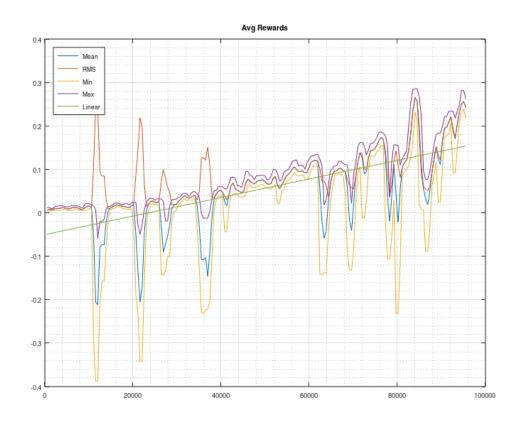
KPI	
Mean	0.0523
Sigma	0.0904
RMS	0.104
Min	-0.387
Median	0.0459
Max	0.285
Trend	Linear
From	-0.0503
То	0.155

-0.356	-0.295	-0.234	-0.173	-0.112	-0.0507	0.0104	0.0715	0.133	0.194	0.255
220	410	672	1584	3598	5498	33392	27570	13470	5904	3682

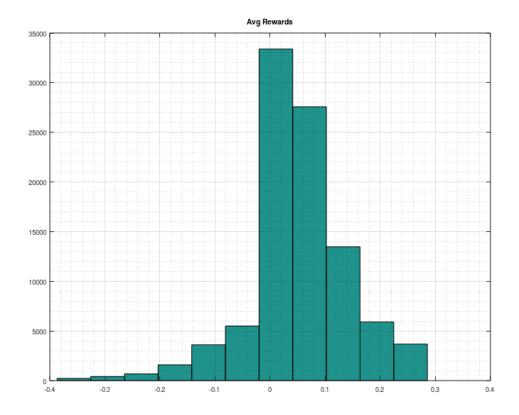
Avg Rewards notes

[Notes]

Avg Rewards chart



Avg Rewards histogram



Halt gradient

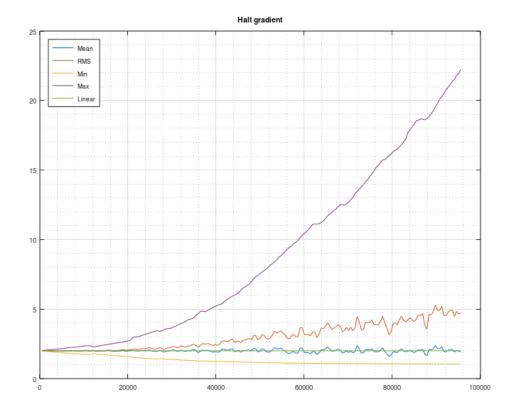
КРІ	
Mean	2
Sigma	2.45
RMS	3.16
Min	1.05
Median	1.21
Max	22.2
Trend	Linear
From	2
То	2

2.01	3.93	5.86	7.78	9.71	11.6	13.6	15.5	17.4	19.3	21.3
86084	4386	1690	938	626	746	388	344	260	334	204

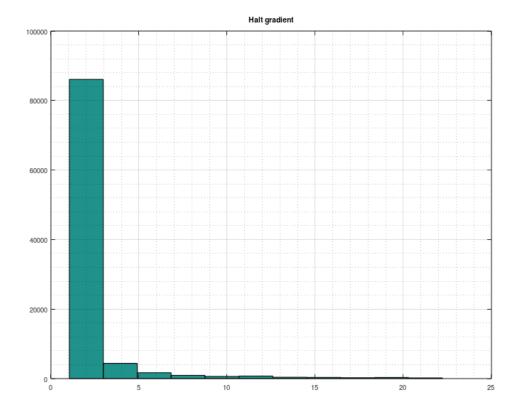
Halt gradient notes

[Notes]

Halt gradient chart



Halt gradient histogram



Direction gradient

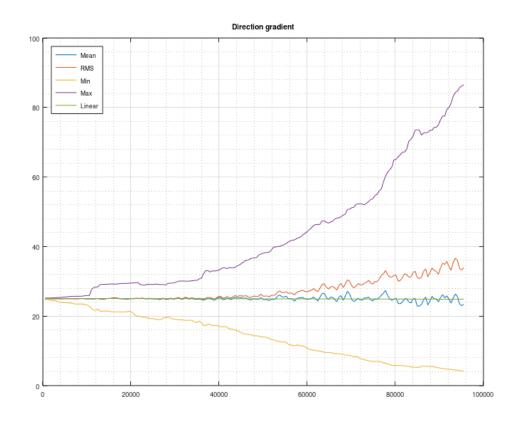
KPI	
Mean	25
Sigma	11.9
RMS	27.6
Min	4.14
Median	25
Max	86.5
Trend	Linear
From	25.1
То	24.9

7.88	15.4	22.9	30.4	37.8	45.3	52.8	60.3	67.8	75.3	82.8
11812	13284	40220	17600	5694	3054	1840	1078	832	414	172

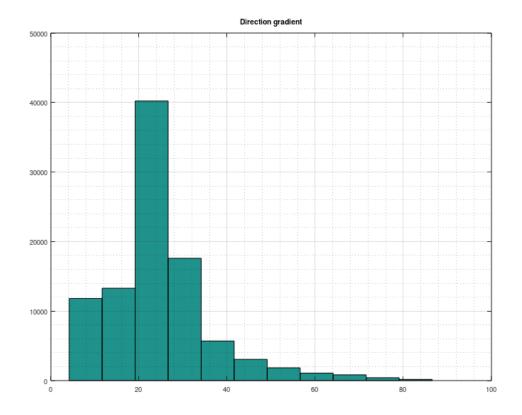
Direction gradient notes

[Notes]

Direction gradient chart



Direction gradient histogram



Speed gradient

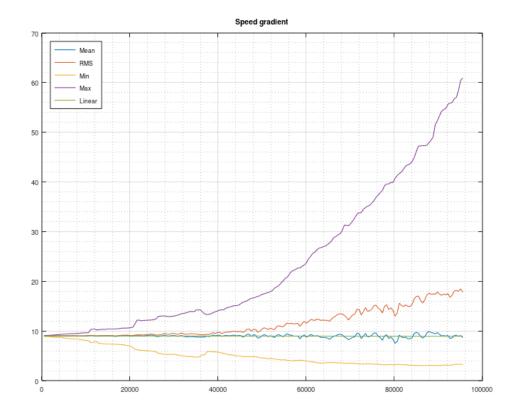
КРІ	
Mean	8.97
Sigma	7.83
RMS	11.9
Min	3.01
Median	6.9
Max	60.9
Trend	Linear
From	9.01
То	8.93

5.64	10.9	16.2	21.4	26.7	32	37.2	42.5	47.8	53	58.3
54500	29514	4570	2322	1448	1128	984	656	498	270	110

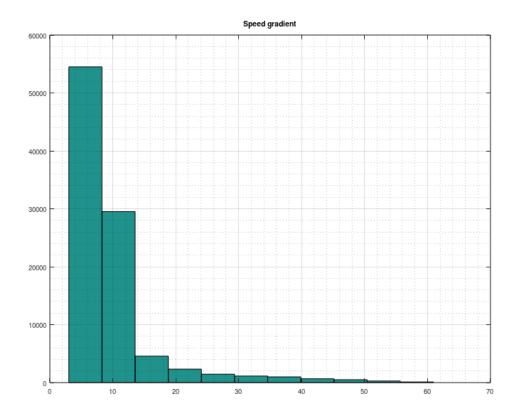
Speed gradient notes

[Notes]

Speed gradient chart



Speed gradient histogram



Sensor direction gradient

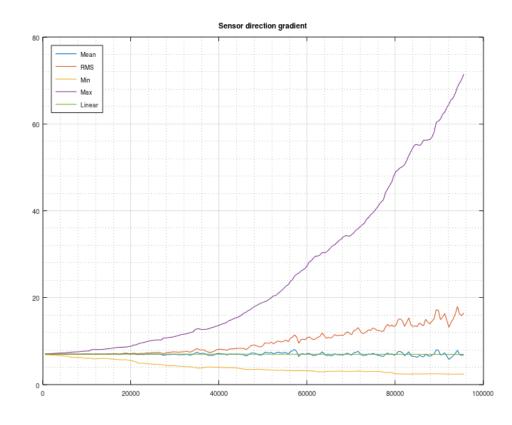
KPI	
Mean	7
Sigma	7.64
RMS	10.4
Min	2.41
Median	4.49
Max	71.4
Trend	Linear
From	7.03
То	6.96

5.55	11.8	18.1	24.4	30.6	36.9	43.2	49.5	55.7	62	68.3
80484	8764	2388	1230	1096	574	448	384	364	174	94

Sensor direction gradient notes

[Notes]

Sensor direction gradient chart



Sensor direction gradient histogram

