Report

26 November 2022, 10:49

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

Report folder C:\Users\marco\Desktop\wheellyj\reports\Explorer\tiles-lambda-0\

- 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
 - o 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

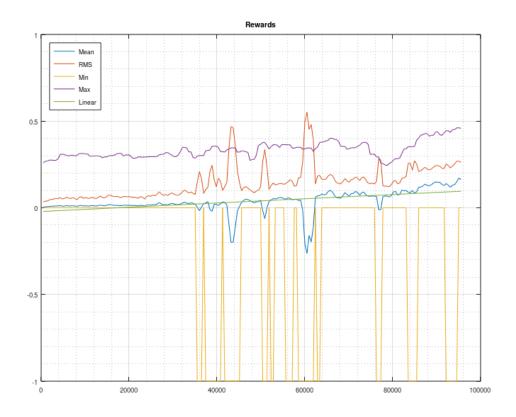
Rewards

КРІ	
Steps	96000
Mean	0.0374
Sigma	0.17
RMS	0.174
Min	-1
Median	0
Max	0.461
Trend	Linear
From	-0.0212
То	0.0961

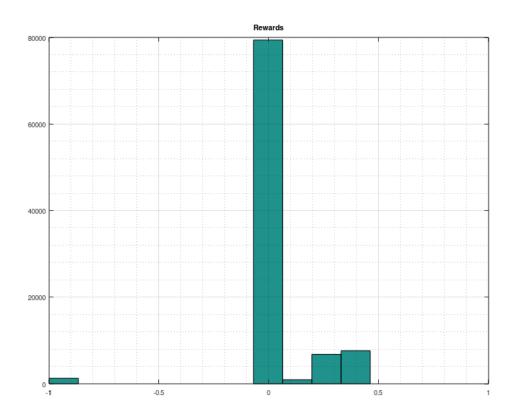
-0.934	-0.801	-0.668	-0.535	-0.402	-0.269	-0.137	-0.00371	0.129	0.262	0.395
1270	0	0	0	0	0	0	79384	928	6794	7624

Rewards notes

Rewards chart



Rewards histogram



Delta

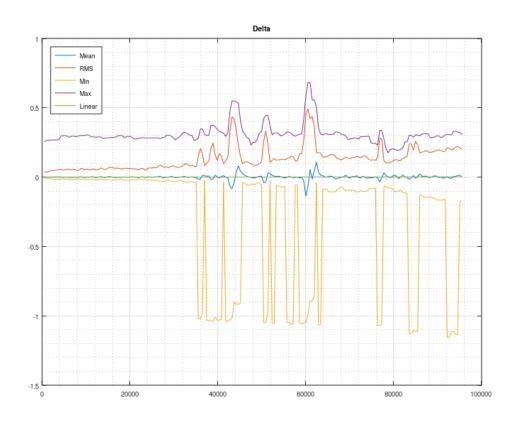
KPI	
Steps	96000
Mean	0.000687
Sigma	0.159
RMS	0.159
Min	-1.15
Median	-0.0172
Max	0.682
Trend	Linear
From	-0.000455
То	0.00183

-1.07	-0.904	-0.737	-0.57	-0.404	-0.237	-0.0696	0.0974	0.264	0.431	0.598
272	614	384	0	0	958	73238	6338	13704	390	102

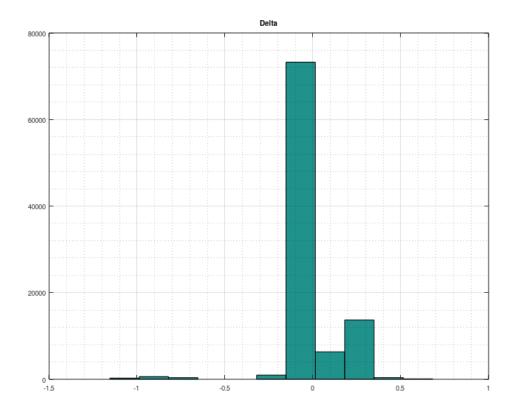
Delta notes

[Notes]

Delta chart



Delta histogram



Discount 0.999 rewards

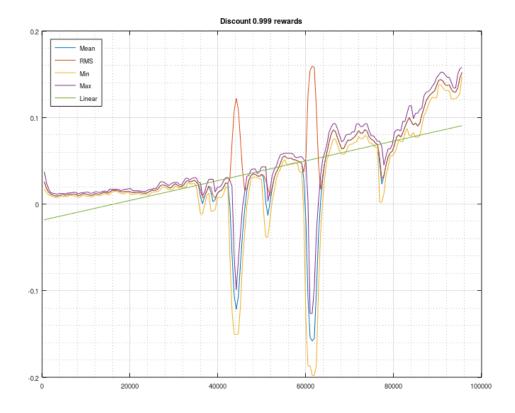
КРІ	
Steps	96000
Mean	0.0362
Sigma	0.0545
RMS	0.0654
Min	-0.198
Median	0.0235
Max	0.158
Trend	Linear
From	-0.0186
То	0.0911

-0.182	-0.149	-0.117	-0.0847	-0.0523	-0.02	0.0123	0.0447	0.077	0.109	0.142
636	1164	1404	943	1055	2598	44948	15131	16570	3896	7655

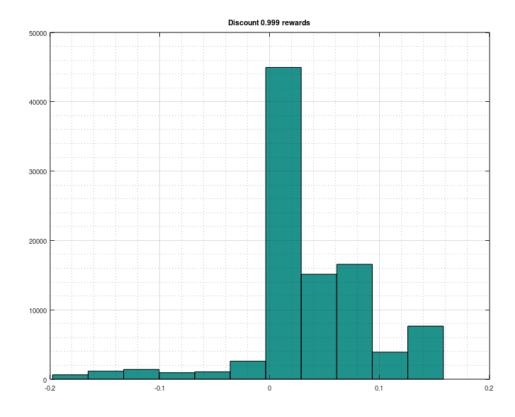
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



Halt max prob.

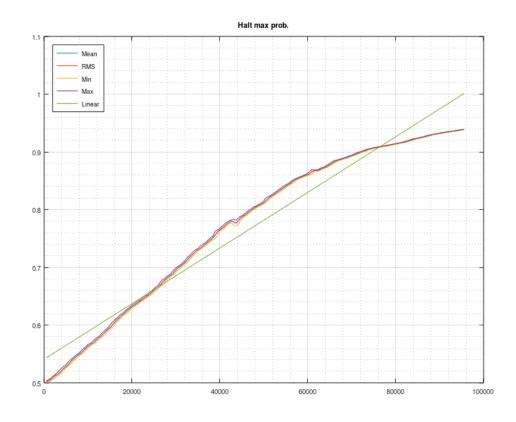
КРІ	
Steps	96000
Mean	0.772
Sigma	0.136
RMS	0.784
Min	0.5
Median	0.804
Max	0.939
Trend	Linear
From	0.541
То	1

0.52	0.56	0.6	0.64	0.68	0.72	0.759	0.799	0.839	0.879	0.919
6482	6338	5332	6818	5544	6034	6870	7454	8636	12358	24134

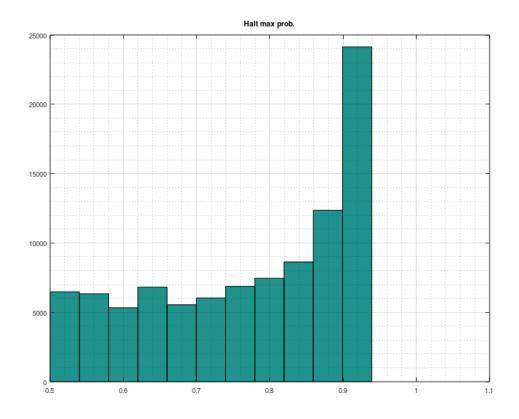
Halt max prob. notes

[Notes]

Halt max prob. chart



Halt max prob. histogram



Direction max prob.

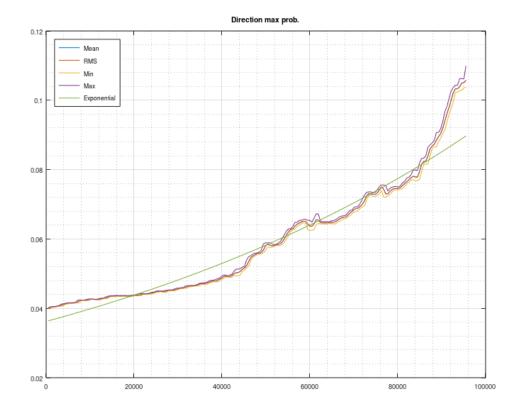
КРІ	
Steps	96000
Mean	0.0594
Sigma	0.0171
RMS	0.0618
Min	0.04
Median	0.0558
Max	0.11
Trend	Exponential
From	0.0362
То	0.0901

0.0432	0.0495	0.0559	0.0622	0.0686	0.075	0.0813	0.0877	0.094	0.1	0.107
32312	13558	7856	11922	7142	11314	2844	2996	1494	2422	2140

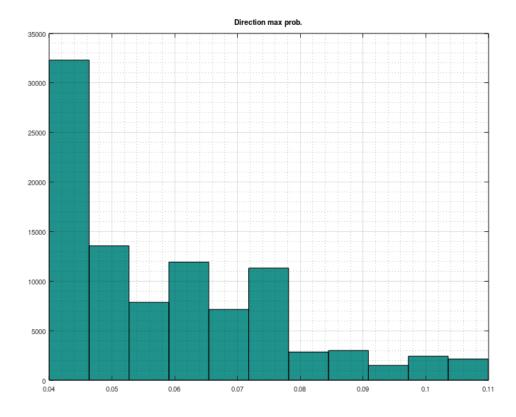
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

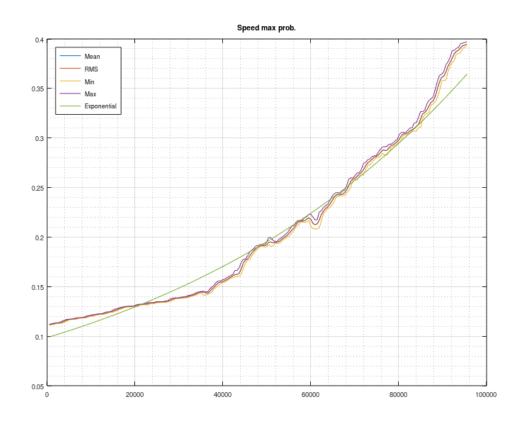
KPI	
Steps	96000
Mean	0.205
Sigma	0.0819
RMS	0.221
Min	0.111
Median	0.19
Max	0.397
Trend	Exponential
From	0.0985
То	0.367

0.12	0.15	0.176	0.202	0.228	0.254	0.28	0.306	0.332	0.358	0.384
2858	14926	4256	10770	6856	6380	6994	6128	3582	2576	4950

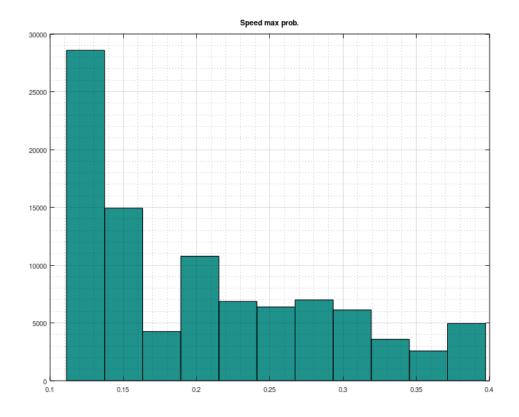
Speed max prob. notes

[Notes]

Speed max prob. chart



Speed max prob. histogram



Sensor direction max prob.

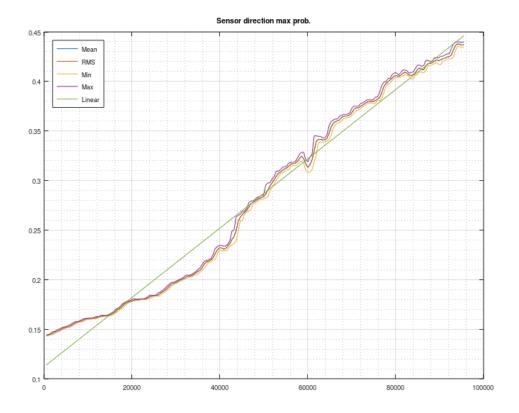
КРІ	
Steps	96000
Mean	0.28
Sigma	0.0979
RMS	0.297
Min	0.143
Median	0.279
Max	0.44
Trend	Linear
From	0.112
То	0.448

0.156	0.183	0.21	0.237	0.264	0.291	0.319	0.346	0.373	0.4	0.427	
16702	13220	8664	5118	3778	5516	8486	4750	10524	9176	10066	

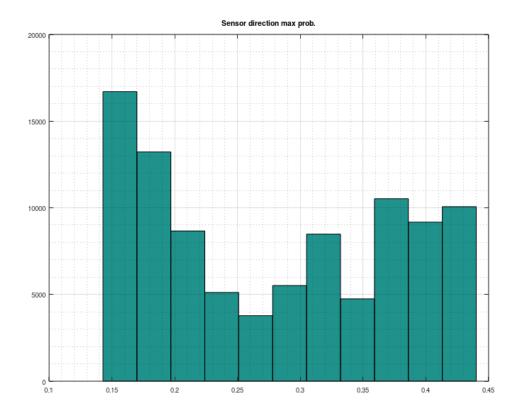
Sensor direction max prob. notes

[Notes]

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta halt prob.

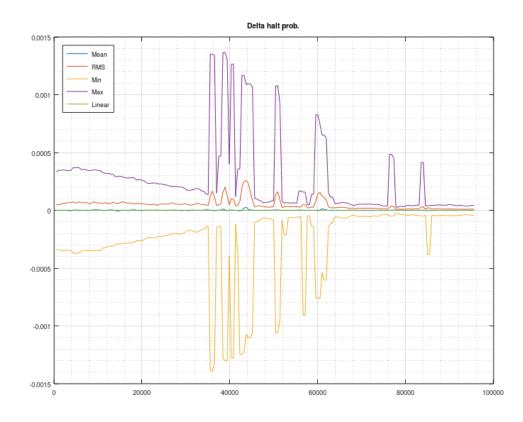
КРІ	
Steps	96000
Mean	5.61e-07
Sigma	6.59e-05
RMS	6.59e-05
Min	-0.00139
Median	-2.25e-07
Max	0.00137
Trend	Linear
From	6.86e-07
То	4.36e-07

-0.00127	-0.00101	-0.000764	-0.000514	-0.000263	-1.26e-05	0.000238	0.000489	0.000739	0.00099	0.00124
24	36	10	54	1276	92746	1678	88	20	48	20

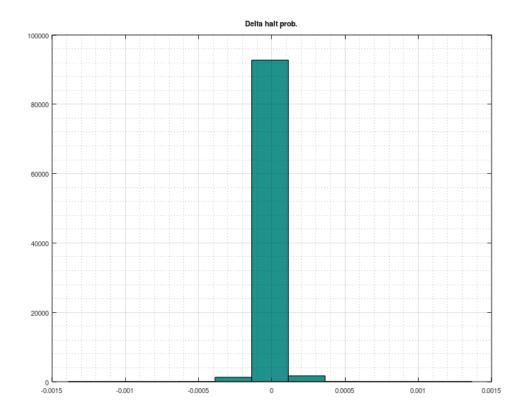
Delta halt prob. notes

[Notes]

Delta halt prob. chart



Delta halt prob. histogram



Delta direction prob.

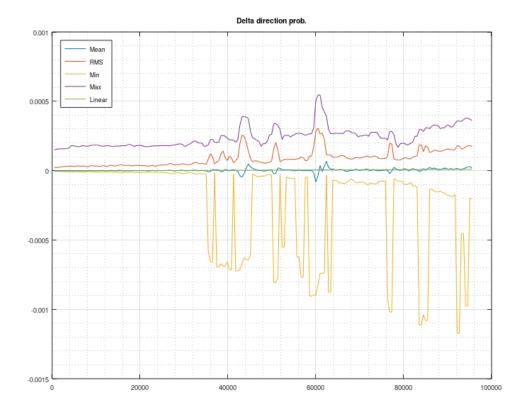
КРІ	
Steps	96000
Mean	3.3e-06
Sigma	0.000106
RMS	0.000106
Min	-0.00117
Median	-1e-05
Max	0.000545
Trend	Linear
From	-3.01e-06
То	9.61e-06

-0.0011	-0.000939	-0.000783	-0.000627	-0.000471	-0.000314	-0.000158	-1.97e- 06	0.000154	0.00031	0.000467
20	30	78	330	714	98	3746	74952	12938	3052	42

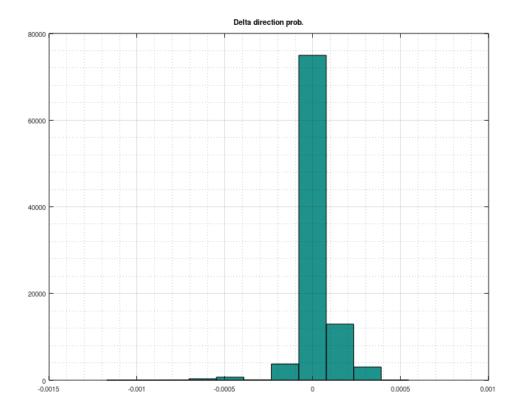
Delta direction prob. notes

[Notes]

Delta direction prob. chart



Delta direction prob. histogram



Delta speed prob.

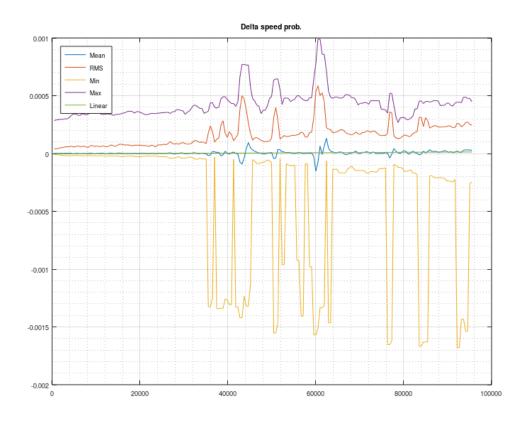
КРІ	
Steps	96000
Mean	4.86e-06
Sigma	0.000191
RMS	0.000191
Min	-0.00168
Median	-1.85e-05
Max	0.00099
Trend	Linear
From	-3.42e-06
То	1.32e-05

-0.00156	-0.00132	-0.00107	-0.000831	-0.000588	-0.000345	-0.000102	0.00014	0.000383	0.000626	0.000869
100	240	354	406	170	214	73602	9986	10630	254	44

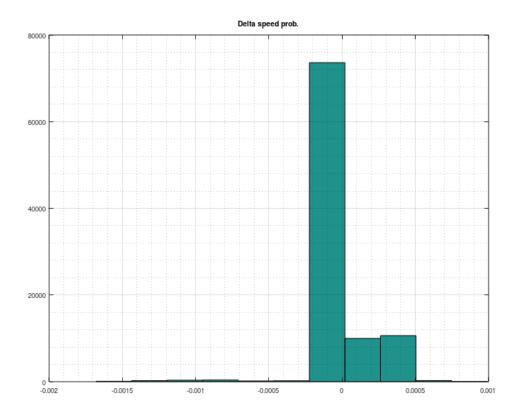
Delta speed prob. notes

[Notes]

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

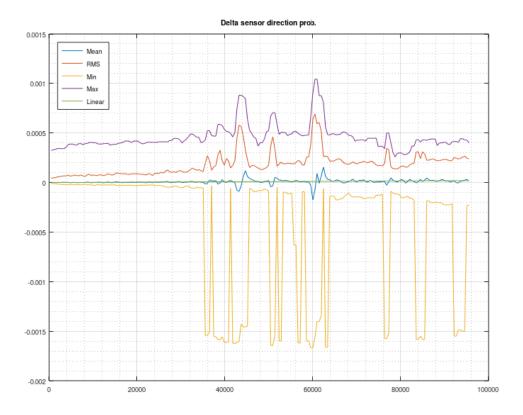
КРІ	
Steps	96000
Mean	9.42e-06
Sigma	0.000216
RMS	0.000217
Min	-0.00167
Median	-2.06e-05
Max	0.00104
Trend	Linear
From	-4.39e-07
То	1.93e-05

-0.00154	-0.0013	-0.00105	-0.000804	-0.000558	-0.000312	-6.54e-05	0.000181	0.000427	0.000674	0.00092
350	434	122	122	130	1158	75008	7380	10836	358	102

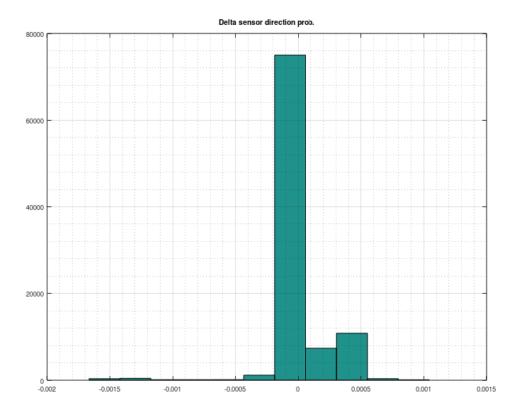
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

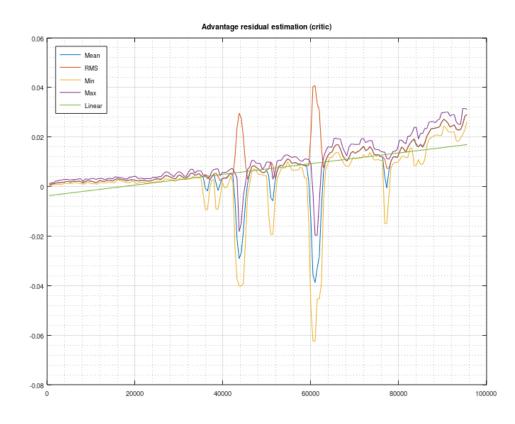
КРІ	
Steps	96000
Mean	0.00665
Sigma	0.0112
RMS	0.0131
Min	-0.0624
Median	0.00489
Max	0.0315
Trend	Linear
From	-0.00374
То	0.017

-0.0581	-0.0496	-0.0411	-0.0325	-0.024	-0.0155	-0.00691	0.00163	0.0102	0.0187	0.0272
192	158	642	1176	1158	1156	2604	44968	24958	11590	7398

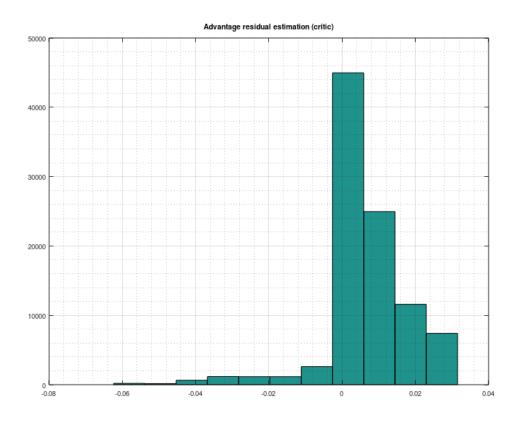
Advantage residual estimation (critic) notes

[Notes]

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



Delta Advantage residual estimation (critic)

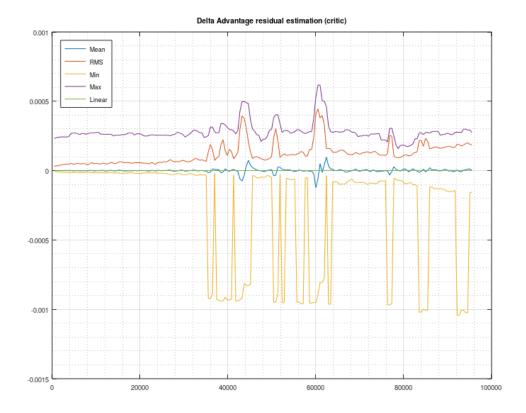
КРІ	
Steps	96000
Mean	6.21e-07
Sigma	0.000143
RMS	0.000143
Min	-0.00104
Median	-1.56e-05
Max	0.000616
Trend	Linear
From	-4.11e-07
То	1.65e-06

-0.000968	-0.000817	-0.000666	-0.000515	-0.000364	-0.000213	-6.25e- 05	8.83e- 05	0.000239	0.00039	0.000541
278	608	384	0	0	988	73232	6318	13700	390	102

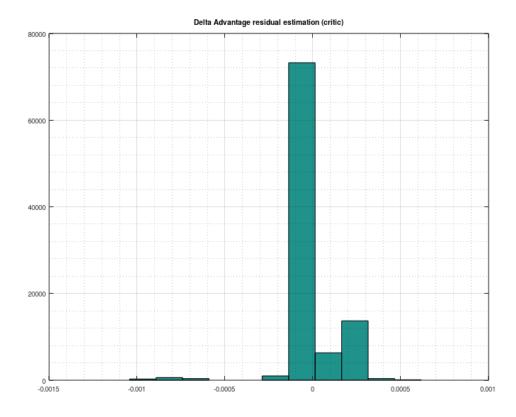
Delta Advantage residual estimation (critic) notes

[Notes]

Delta Advantage residual estimation (critic) chart



Delta Advantage residual estimation (critic) histogram



Avg Rewards

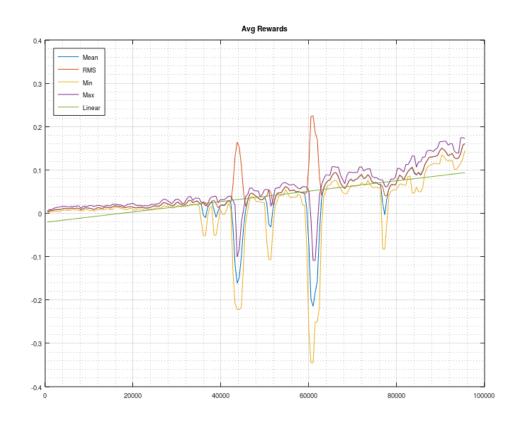
КРІ	
Steps	96000
Mean	0.0368
Sigma	0.0622
RMS	0.0723
Min	-0.345
Median	0.027
Max	0.175
Trend	Linear
From	-0.0207
То	0.0943

-0.322	-0.274	-0.227	-0.18	-0.133	-0.0853	-0.0381	0.00915	0.0564	0.104	0.151
192	158	642	1176	1164	1156	2602	45040	24958	11540	7372

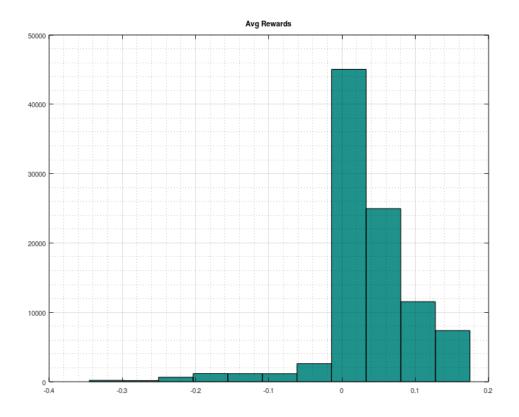
Avg Rewards notes

[Notes]

Avg Rewards chart



Avg Rewards histogram



Halt gradient

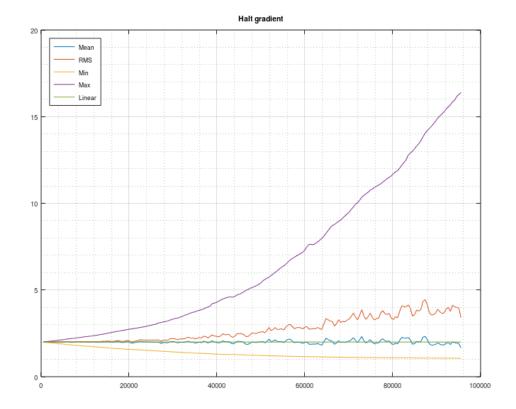
КРІ	
Steps	96000
Mean	2
Sigma	1.99
RMS	2.82
Min	1.06
Median	1.29
Max	16.4
Trend	Linear
From	2
То	2

1.76	3.15	4.55	5.94	7.33	8.73	10.1	11.5	12.9	14.3	15.7
80854	7222	2792	1312	1006	684	592	616	358	290	274

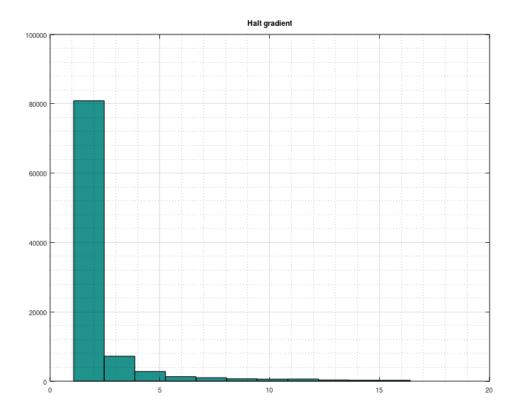
Halt gradient notes

[Notes]

Halt gradient chart



Halt gradient histogram



Direction gradient

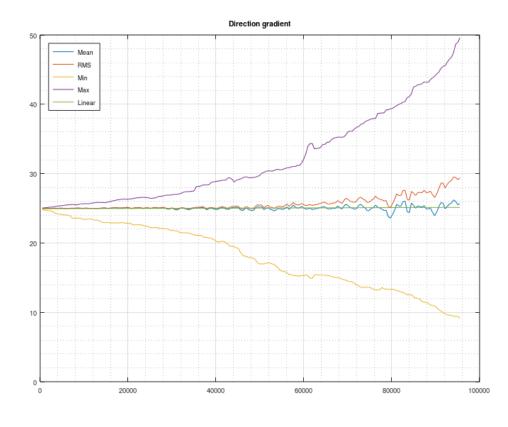
	KPI				
Steps					96000
Mean					25
Sigma					5.91
RMS					25.7
Min					9.13
Median					25.5
Max					49.6
Trend					Linear
From					24.9
То					25.1

11	14.6	18.3	22	25.7	29.4	33	36.7	40.4	44.1	47.8
3190	6774	7454	13392	39152	14692	6526	2962	1378	412	68

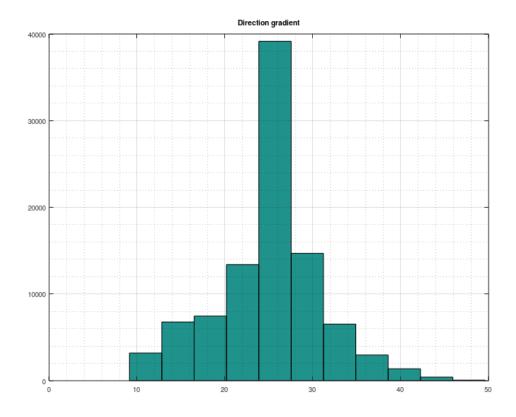
Direction gradient notes

[Notes]

Direction gradient chart



Direction gradient histogram



Speed gradient

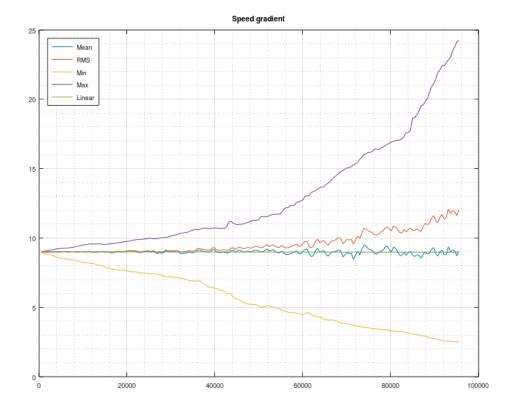
KPI	
Steps	96000
Mean	8.99
Sigma	3.57
RMS	9.68
Min	2.52
Median	9.04
Max	24.3
Trend	Linear
From	9.01
То	8.98

3.51	5.48	7.46	9.44	11.4	13.4	15.4	17.3	19.3	21.3	23.3	
10426	10006	20666	30320	11574	4924	4254	1758	1286	620	166	

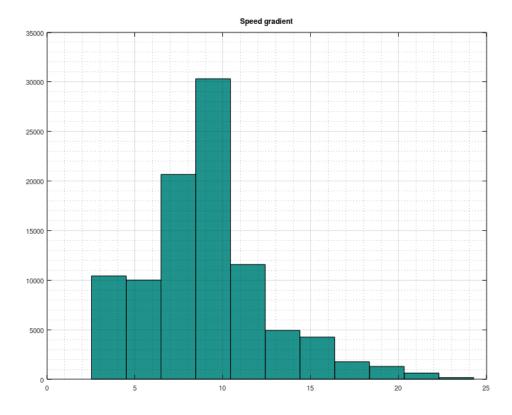
Speed gradient notes

[Notes]

Speed gradient chart



Speed gradient histogram



Sensor direction gradient

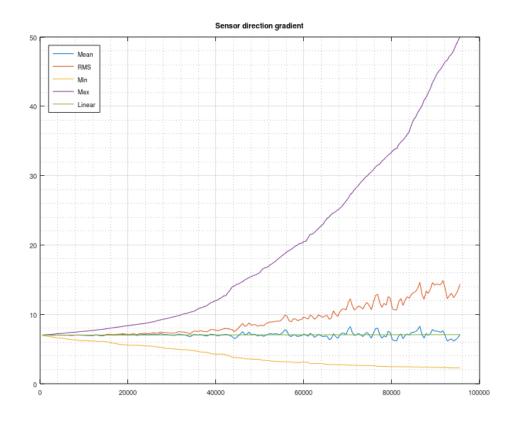
		KPI								
Steps										96000
Mean										7.04
Sigma										6.34
RMS										9.47
Min										2.27
Median										5.13
Max										50
Trend										Linear
From										7.01
То										7.07
4.44	0 70	12.1	17.5	24.0	26.1	20.5	24.0	20.1	42 E	47.0

4.44	8.78	13.1	17.5	21.8	26.1	30.5	34.8	39.1	43.5	47.8
63236	21616	4070	2260	1376	1030	836	610	392	372	202

Sensor direction gradient notes

[Notes]

Sensor direction gradient chart



Sensor direction gradient histogram



