

# Report

30 October 2022, 15:50

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Data folder: D:\wheelly\agent-100e-3\

## Rewards

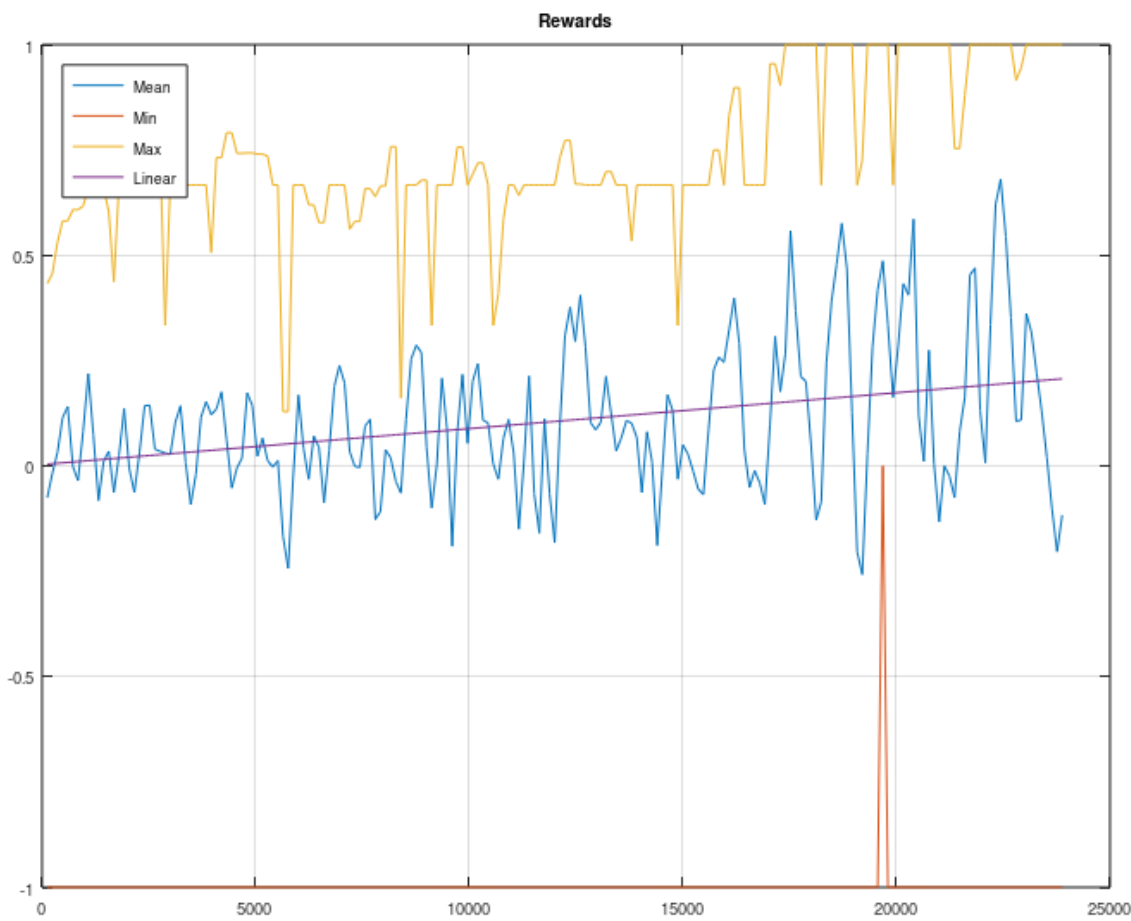
KPI	
Mean	0.105
RMS	0.483
Min	-1
Median	0
Max	1
Trend	Linear
From	0.00322

KPI										
To					0.208					
-0.909	-0.727	-0.545	-0.364	-0.182	0	0.182	0.364	0.545	0.727	0.909
2552	0	0	0	0	11347	2377	1816	1528	3746	634

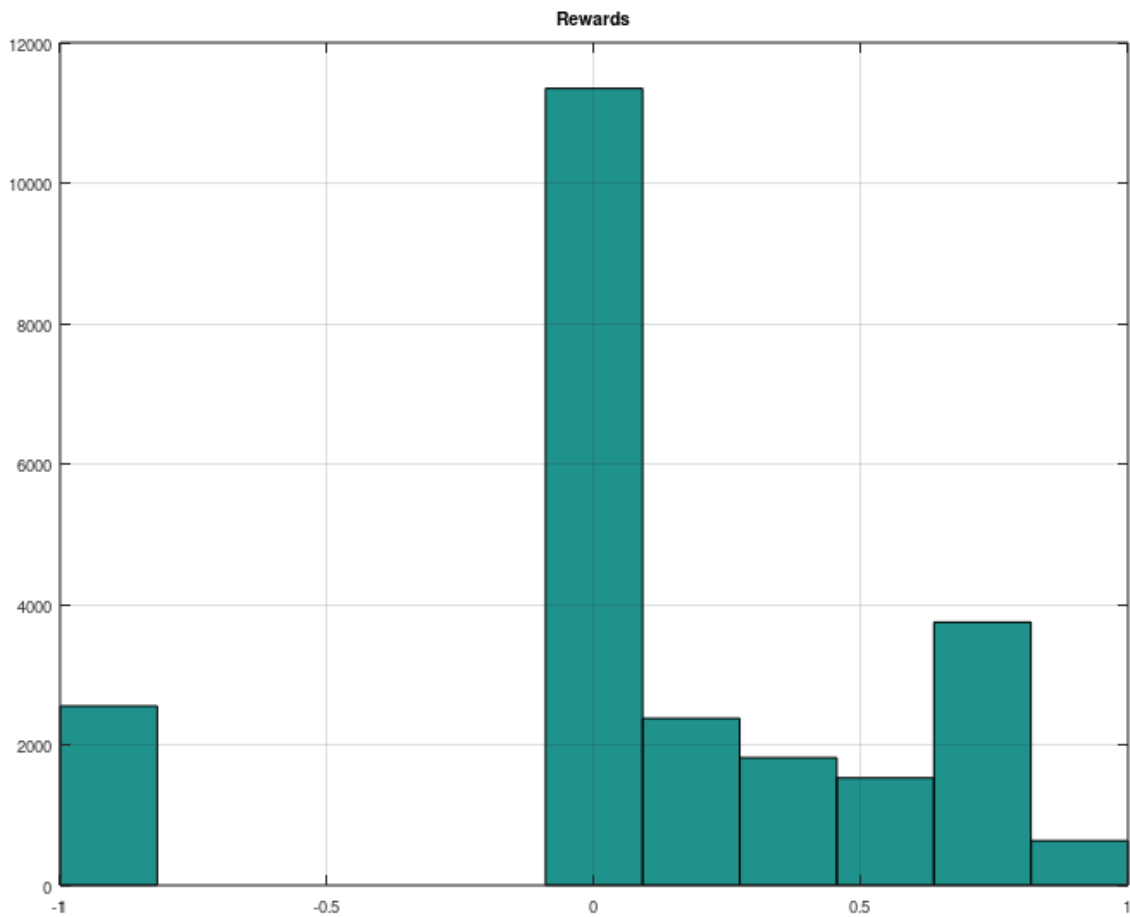
Rewards notes

[Notes]

Rewards chart



Rewards histogram



## Delta

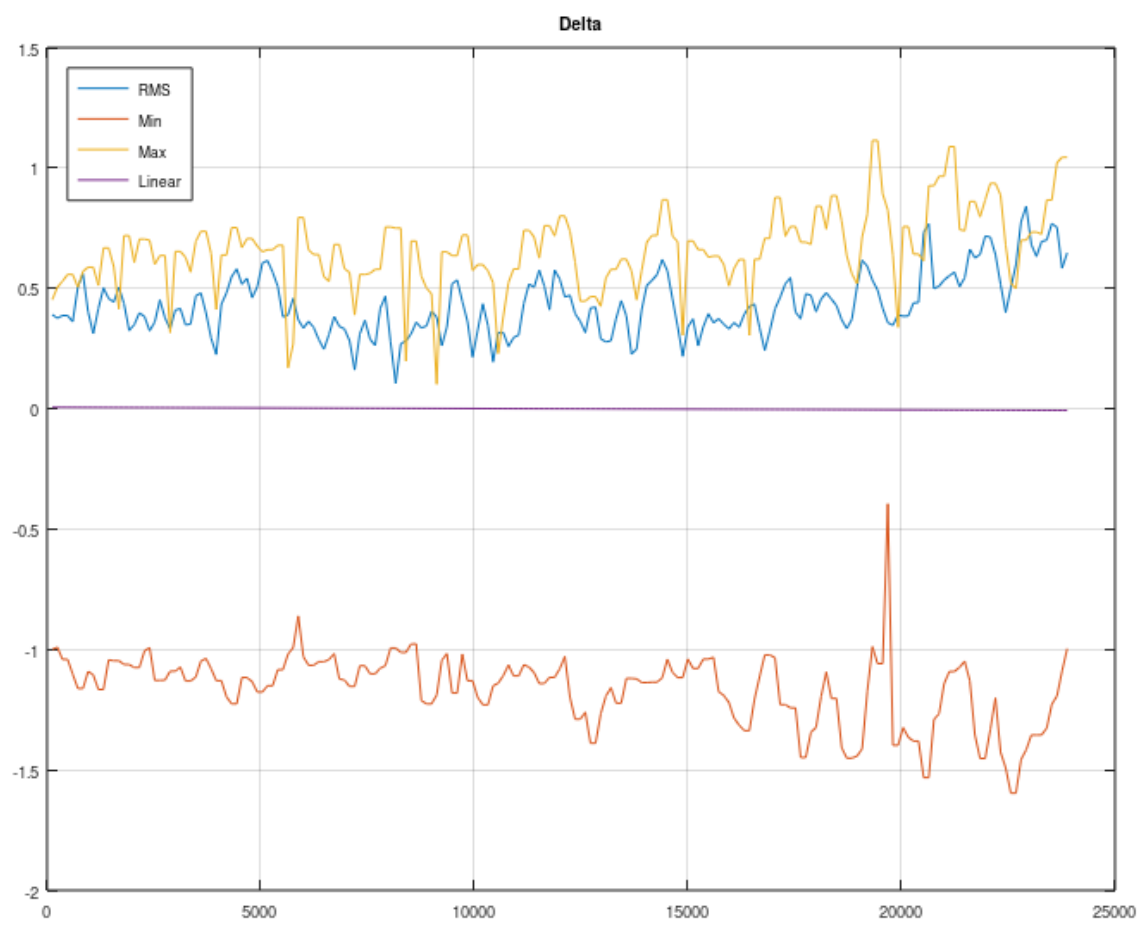
KPI	
Mean	-0.000383
RMS	0.451
Min	-1.6
Median	0.019
Max	1.11
Trend	Linear
From	0.00606
To	-0.00682

-1.47	-1.23	-0.981	-0.734	-0.488	-0.241	0.00516	0.252	0.498	0.744	0.991
128	700	1649	84	259	2814	9863	4051	3266	1122	64

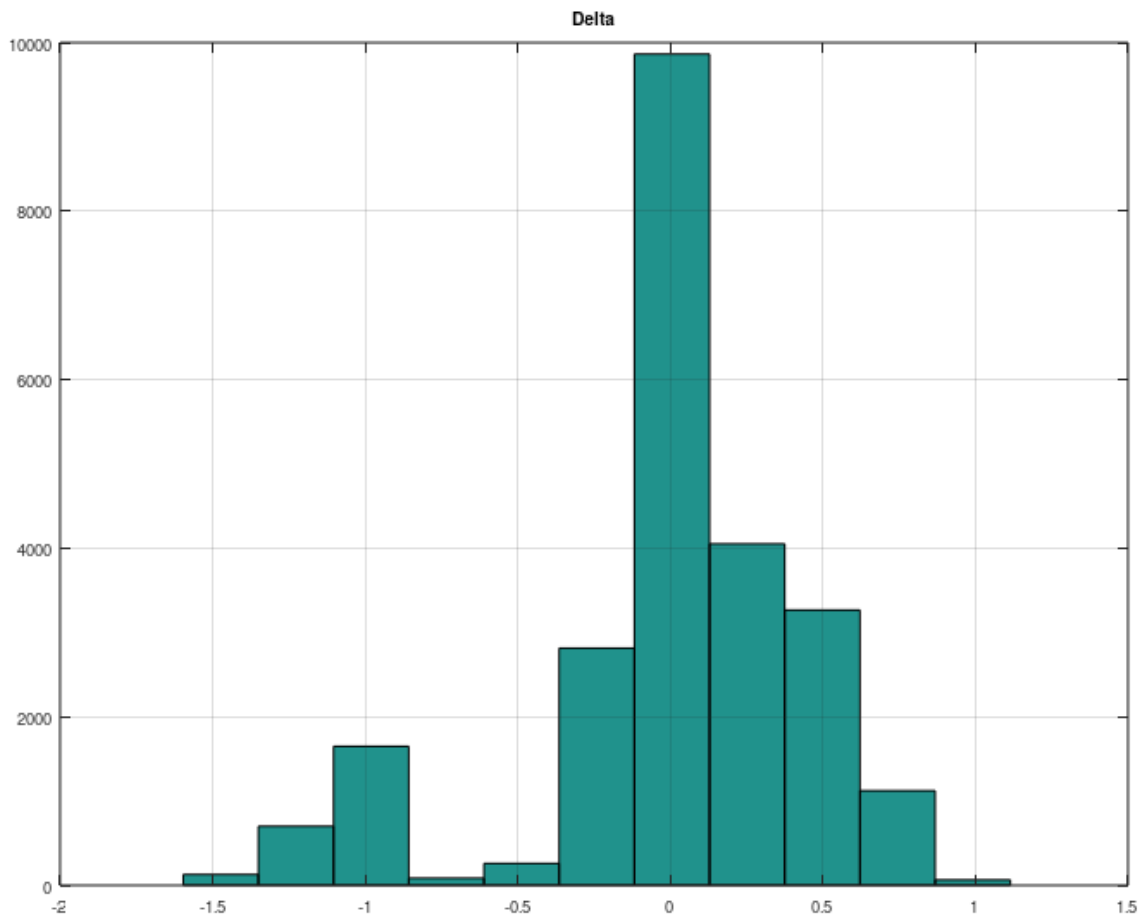
# Delta notes

[Notes]

## Delta chart



## Delta histogram



Discount 0.999 rewards

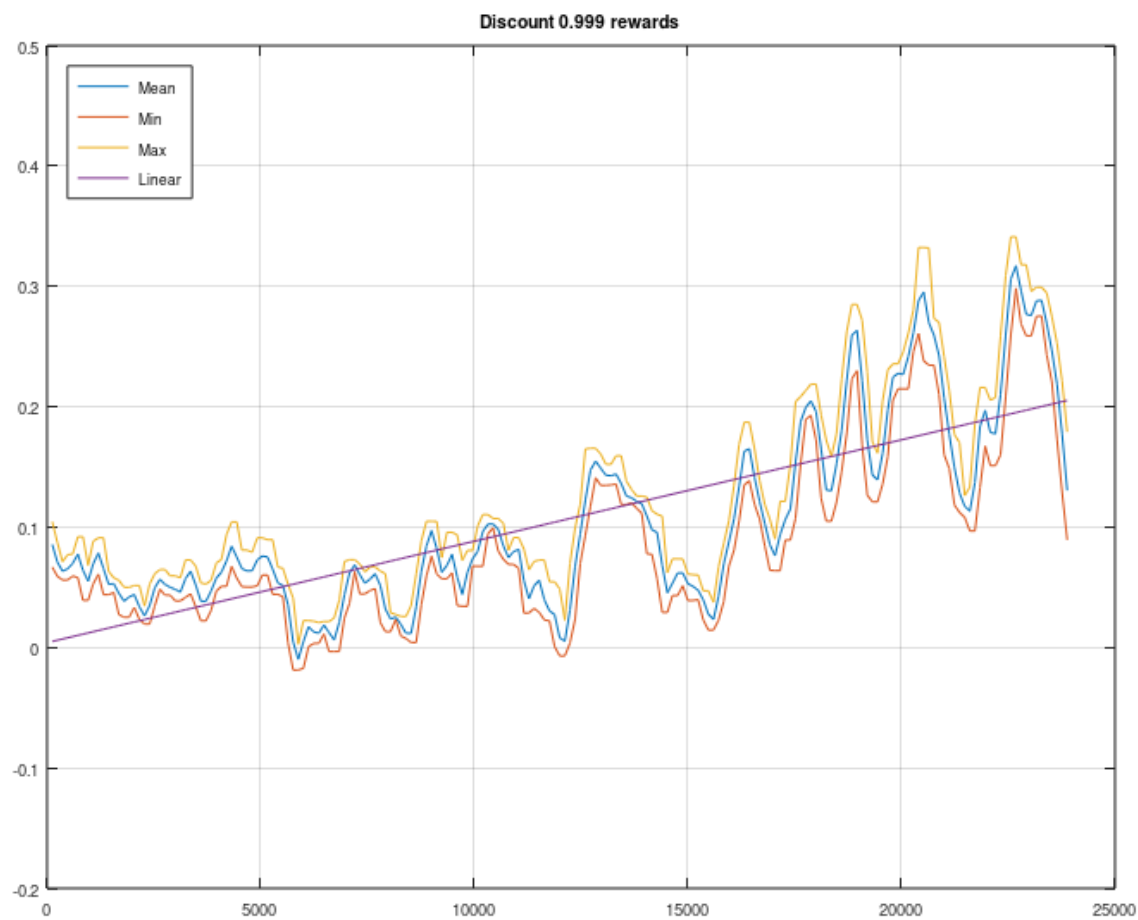
KPI	
Mean	0.105
RMS	0.131
Min	-0.0187
Median	0.0774
Max	0.341
Trend	Linear
From	0.00402
To	0.206

-0.00235	0.0304	0.0631	0.0958	0.128	0.161	0.194	0.227	0.259	0.292	0.325
1167	4092	7026	3185	2347	1790	1212	1057	1102	743	279

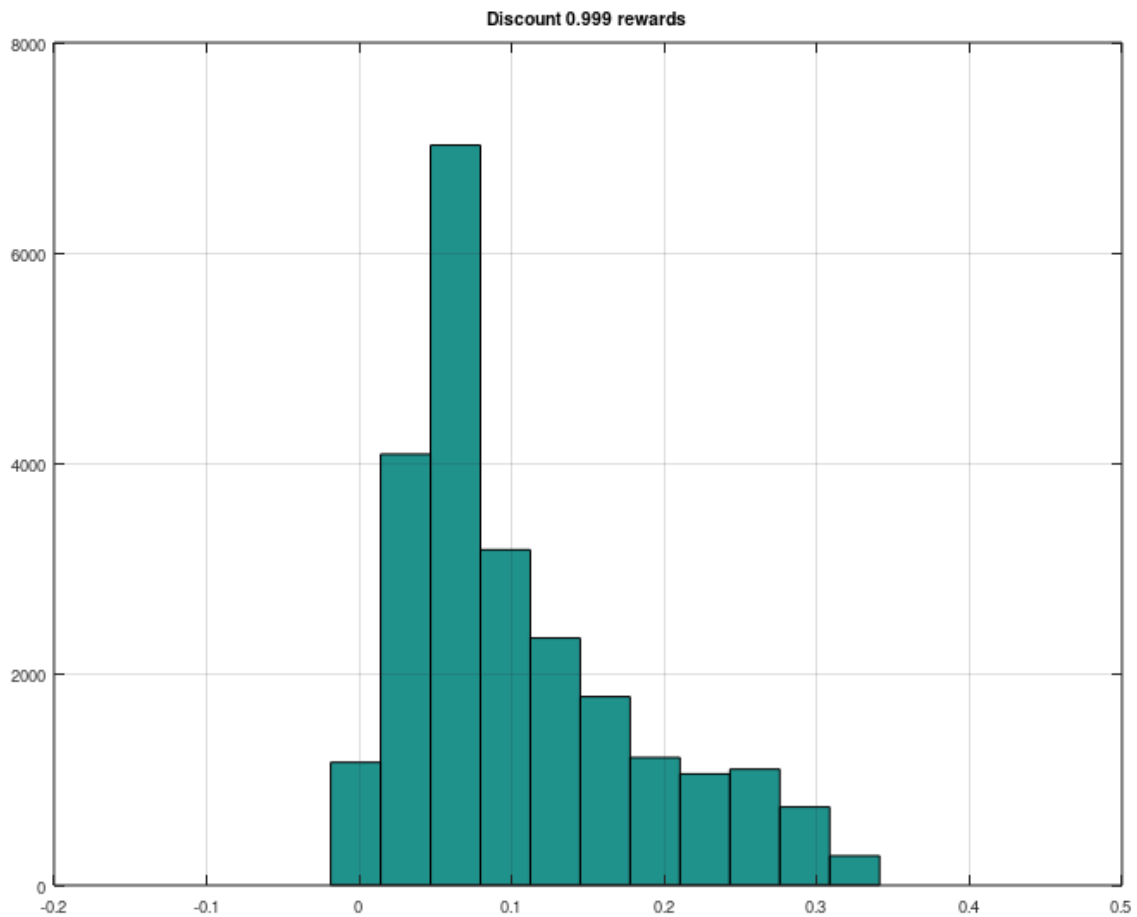
# Discount 0.999 rewards notes

[Notes]

## Discount 0.999 rewards chart



## Discount 0.999 rewards histogram



## Halt max prob.

KPI	
Mean	0.862
RMS	0.863
Min	0.5
Median	0.872
Max	0.888
Trend	Linear
From	0.837
To	0.887

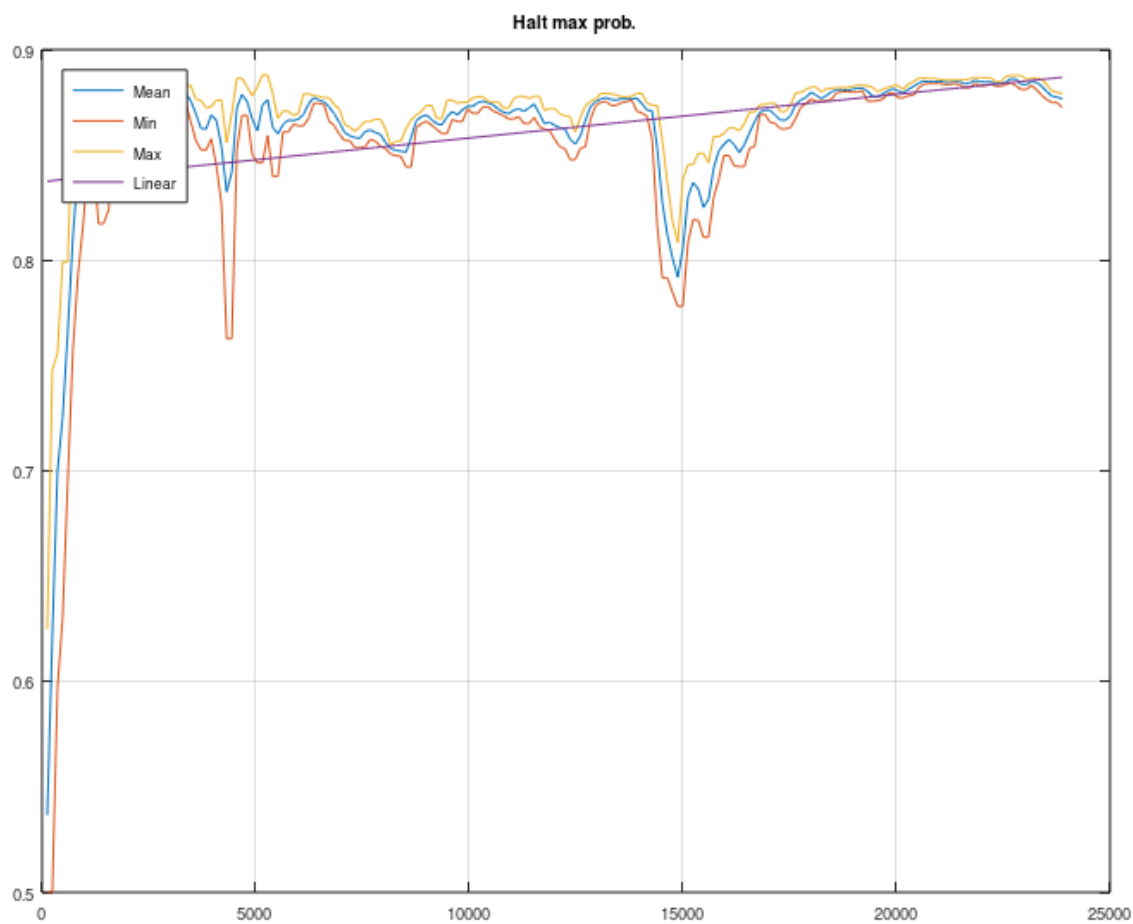
0.518	0.553	0.588	0.623	0.659	0.694	0.729	0.764	0.8	0.835	0.87
137	65	36	18	45	79	147	140	576	2072	20685



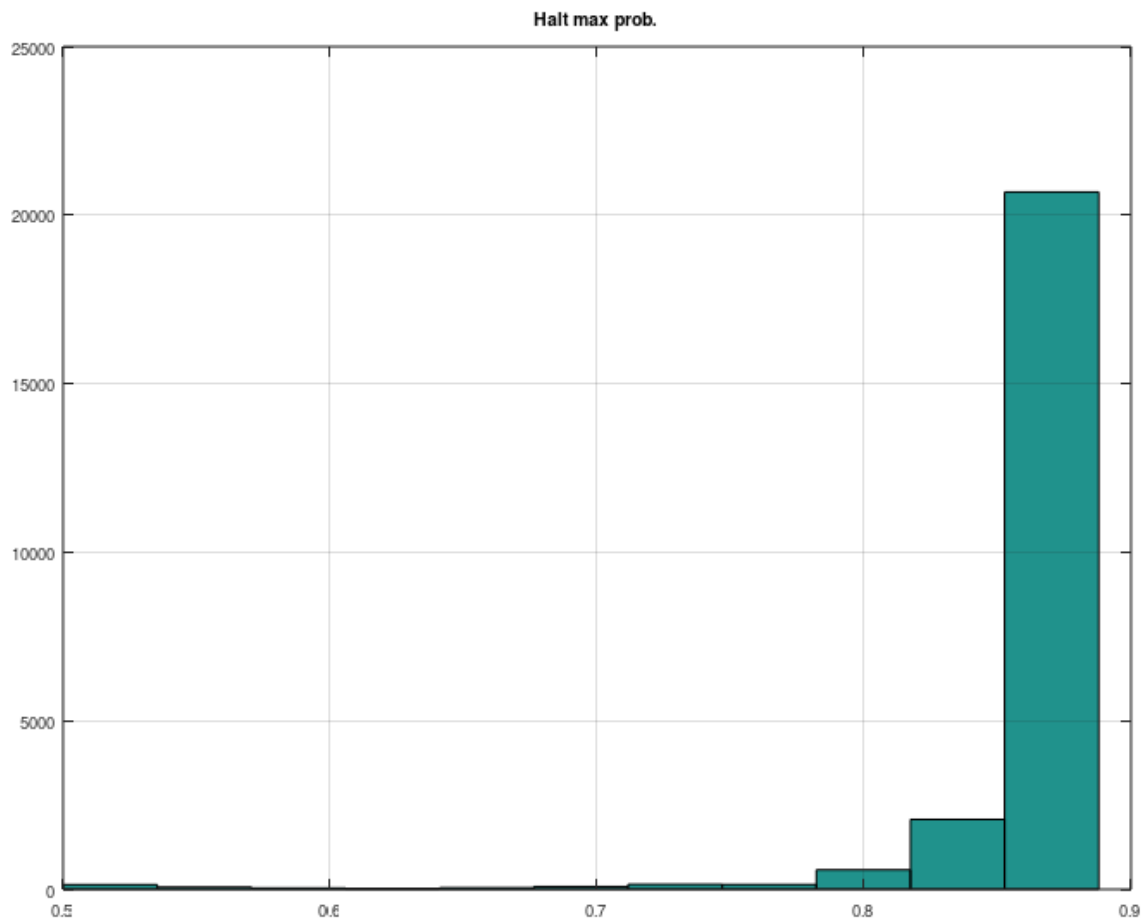
# Halt max prob. notes

[Notes]

## Halt max prob. chart



## Halt max prob. histogram



Direction max prob.

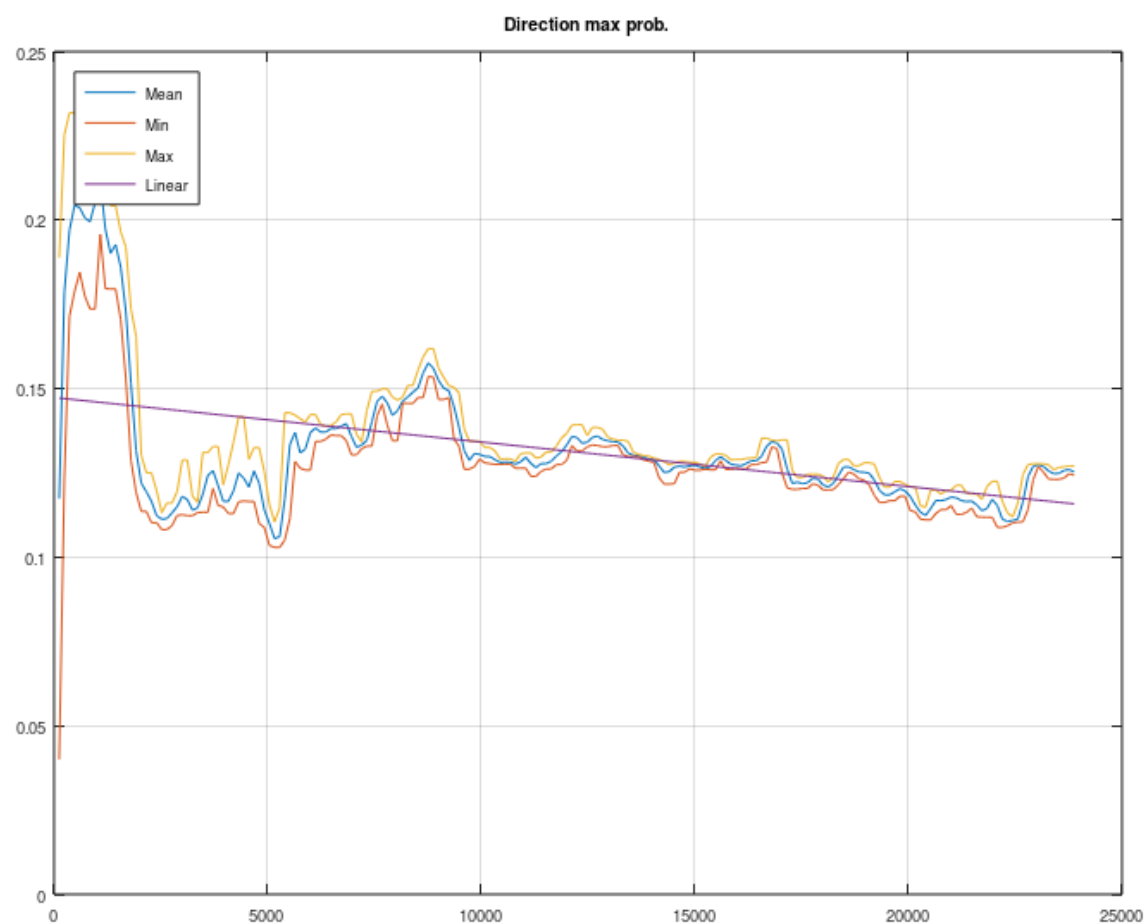
KPI	
Mean	0.132
RMS	0.133
Min	0.04
Median	0.128
Max	0.232
Trend	Linear
From	0.147
To	0.116

0.0487	0.0662	0.0836	0.101	0.118	0.136	0.153	0.171	0.188	0.206	0.223
22	67	11	412	10989	9064	1824	265	684	417	245

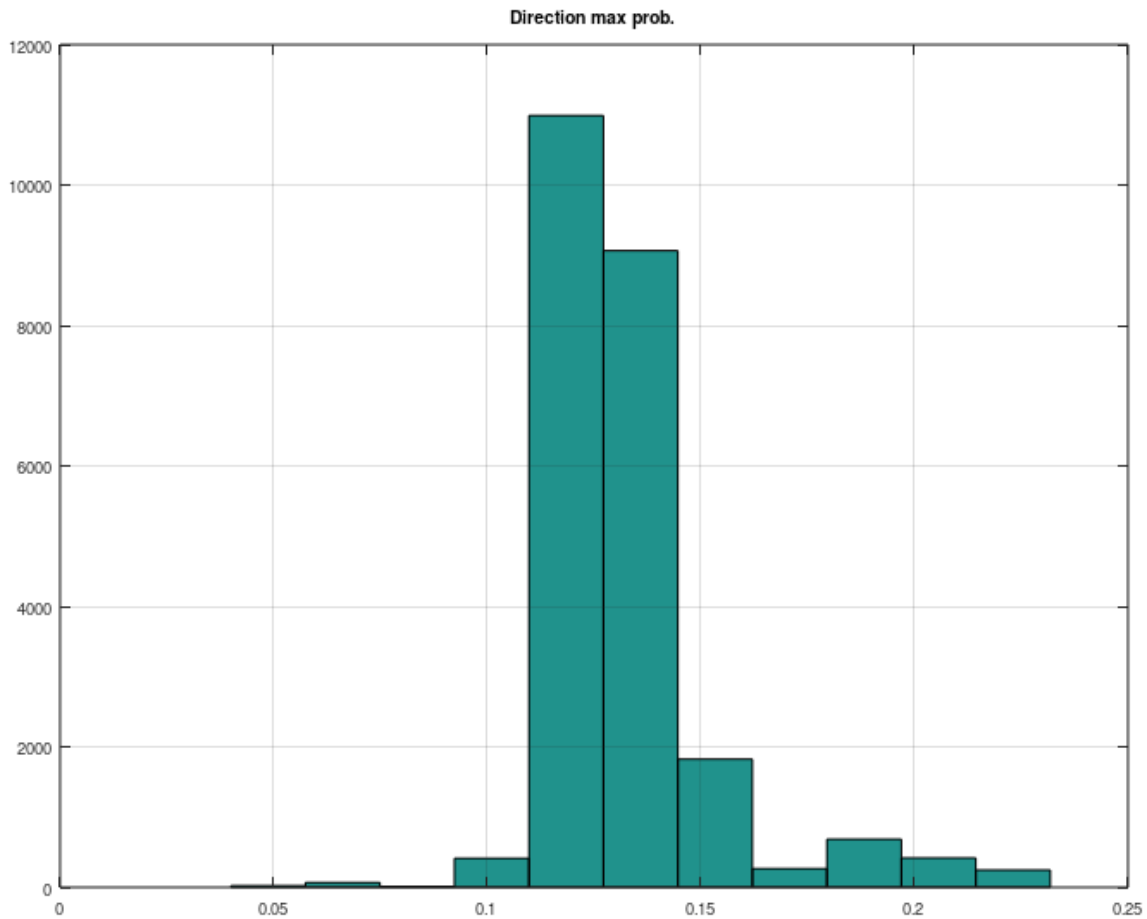
# Direction max prob. notes

[Notes]

## Direction max prob. chart



## Direction max prob. histogram



Speed max prob.

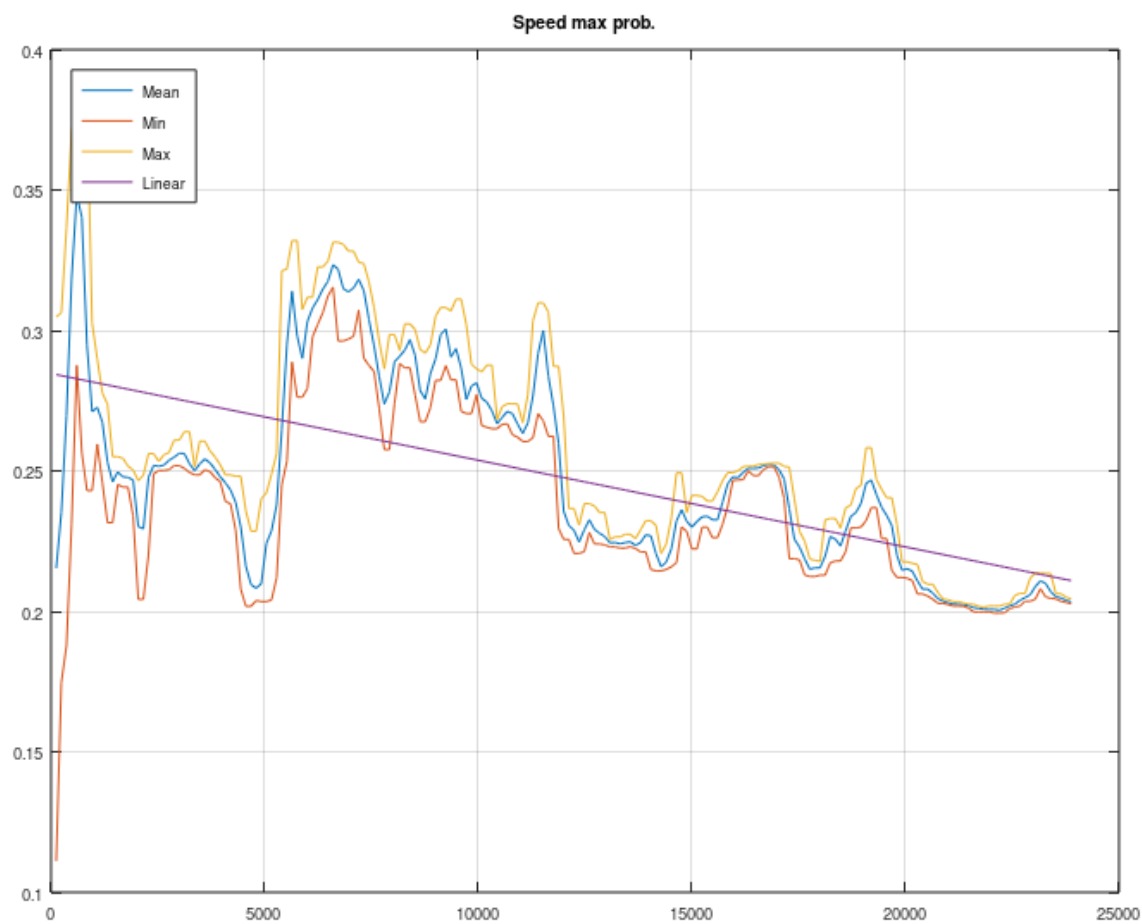
KPI	
Mean	0.248
RMS	0.25
Min	0.111
Median	0.244
Max	0.383
Trend	Linear
From	0.285
To	0.211

0.123	0.148	0.173	0.198	0.222	0.247	0.272	0.297	0.321	0.346	0.371
12	7	18	3979	6384	6143	3266	2569	1385	137	100

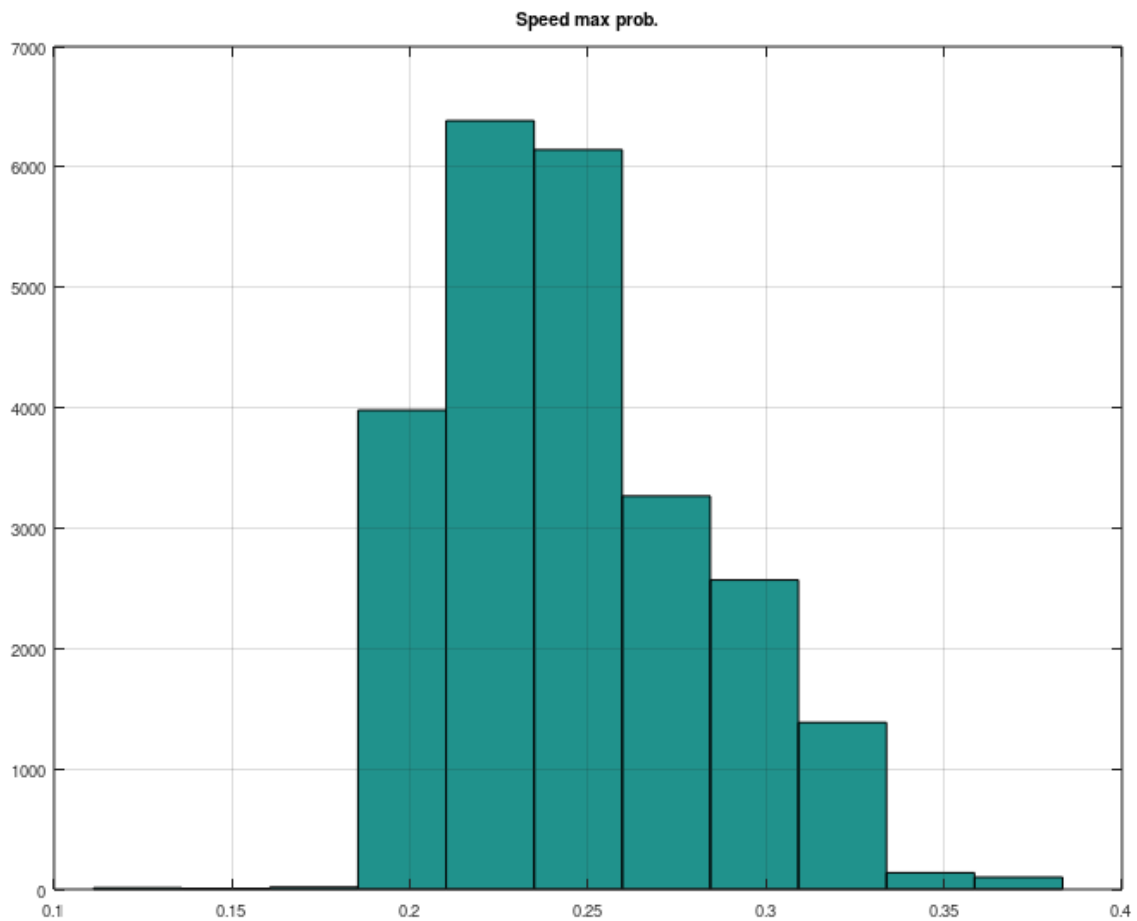
# Speed max prob. notes

[Notes]

## Speed max prob. chart



## Speed max prob. histogram



Sensor direction max prob.

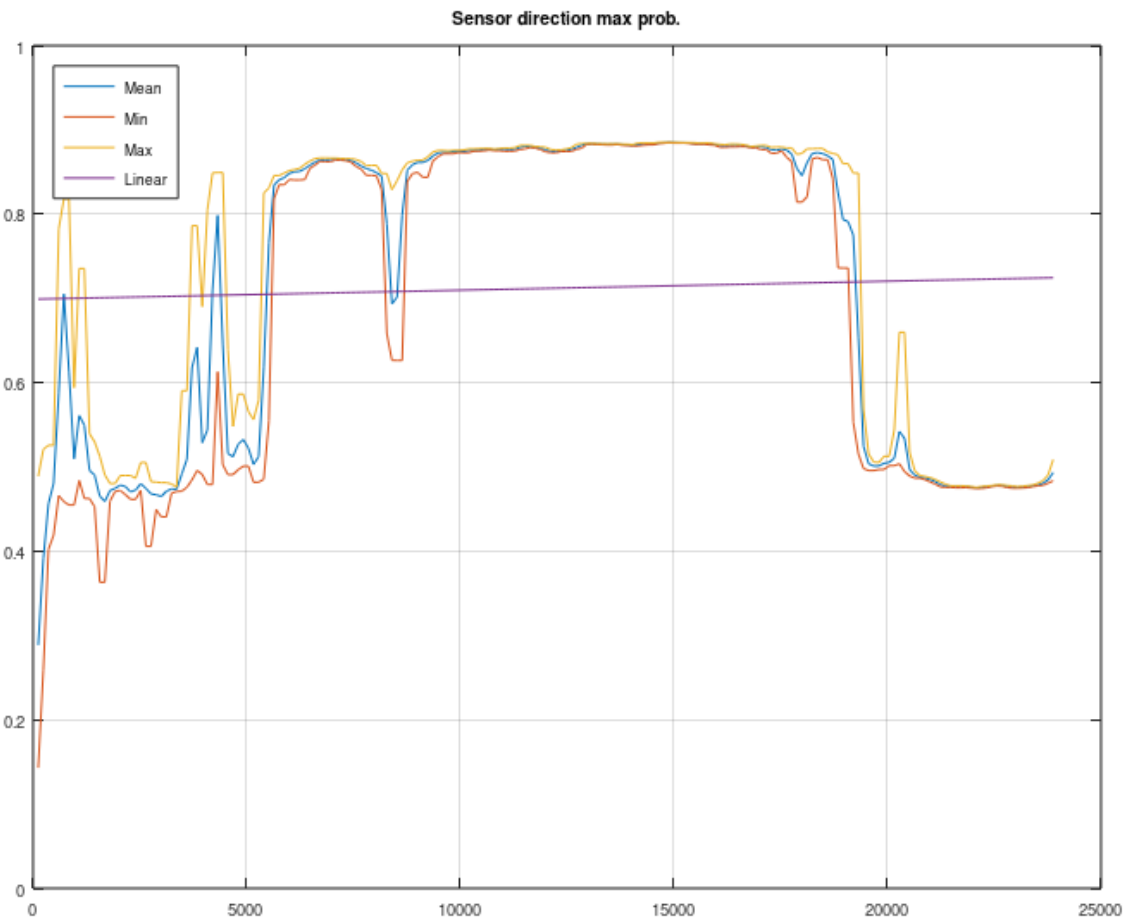
KPI	
Mean	0.712
RMS	0.736
Min	0.143
Median	0.849
Max	0.885
Trend	Linear
From	0.699
To	0.725

0.177	0.244	0.312	0.379	0.447	0.514	0.581	0.649	0.716	0.784	0.851
32	85	88	45	4559	4223	444	368	219	562	13375

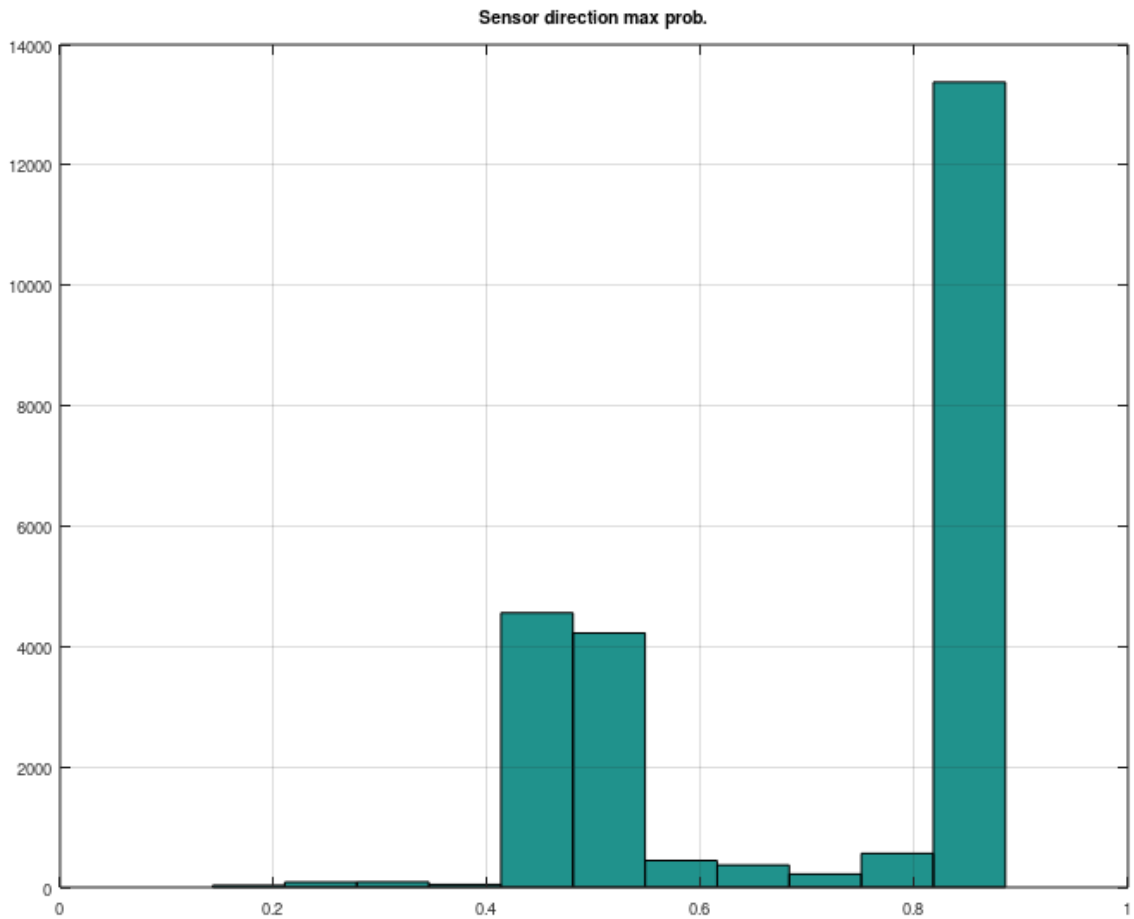
# Sensor direction max prob. notes

[Notes]

## Sensor direction max prob. chart



## Sensor direction max prob. histogram



## Delta halt prob.

KPI	
Mean	0.000393
RMS	0.00186
Min	0
Median	7.05e-05
Max	0.0586
Trend	Linear
From	0.000974
To	-0.000187

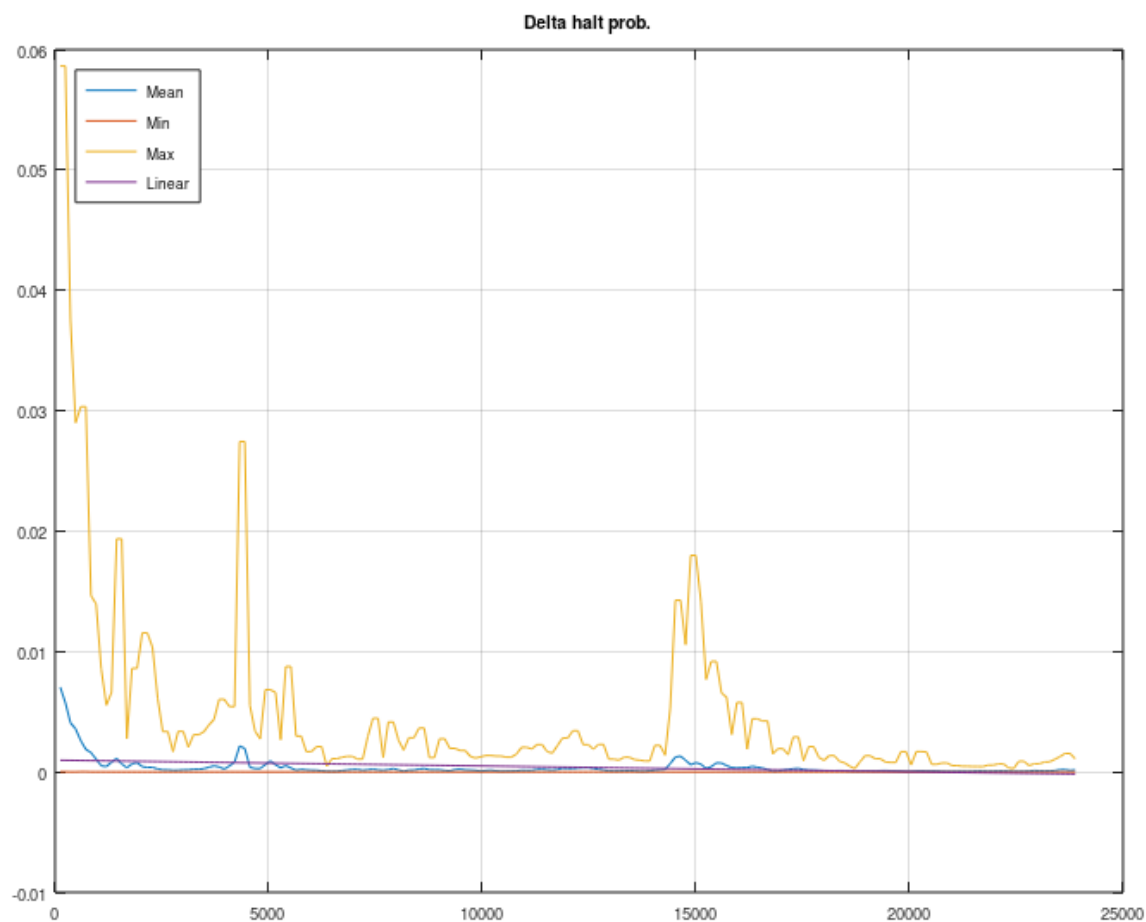
0.00266	0.00799	0.0133	0.0187	0.024	0.0293	0.0346	0.04	0.0453	0.0506	0.056
23733	167	46	20	9	5	6	3	4	2	5



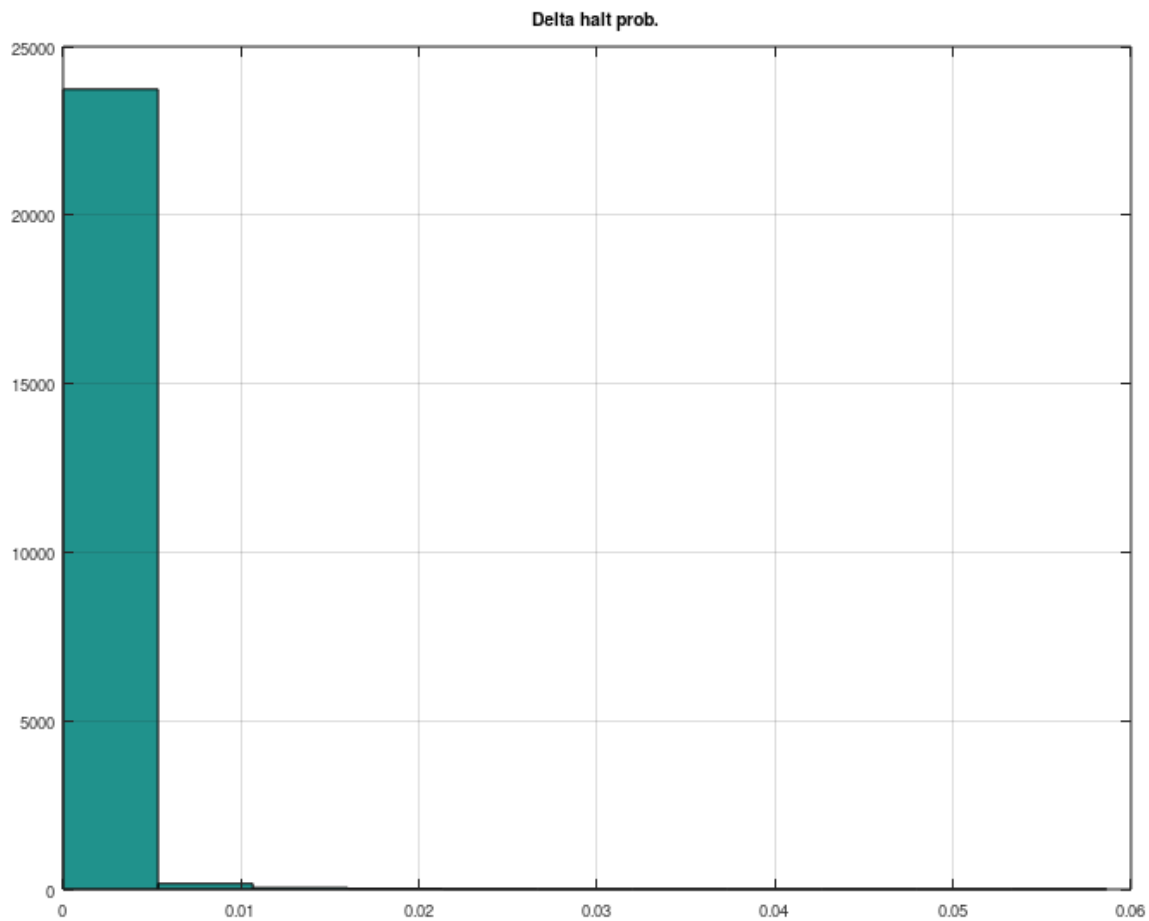
# Delta halt prob. notes

[Notes]

## Delta halt prob. chart



## Delta halt prob. histogram



## Delta direction prob.

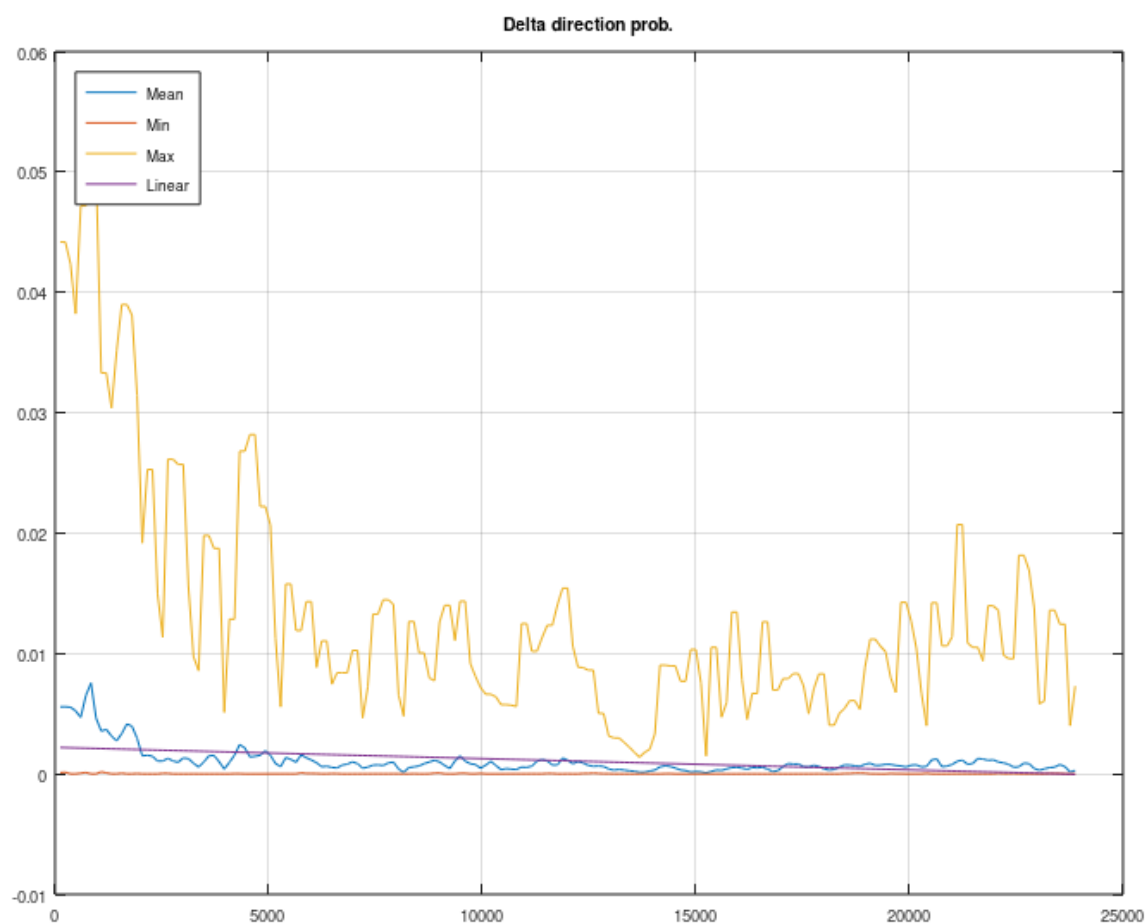
KPI	
Mean	0.00108
RMS	0.00285
Min	6e-08
Median	0.000312
Max	0.05
Trend	Linear
From	0.0022
To	-4.01e-05

0.00227	0.00682	0.0114	0.0159	0.0205	0.025	0.0296	0.0341	0.0387	0.0432	0.0477
22771	748	269	95	44	37	17	7	5	5	2

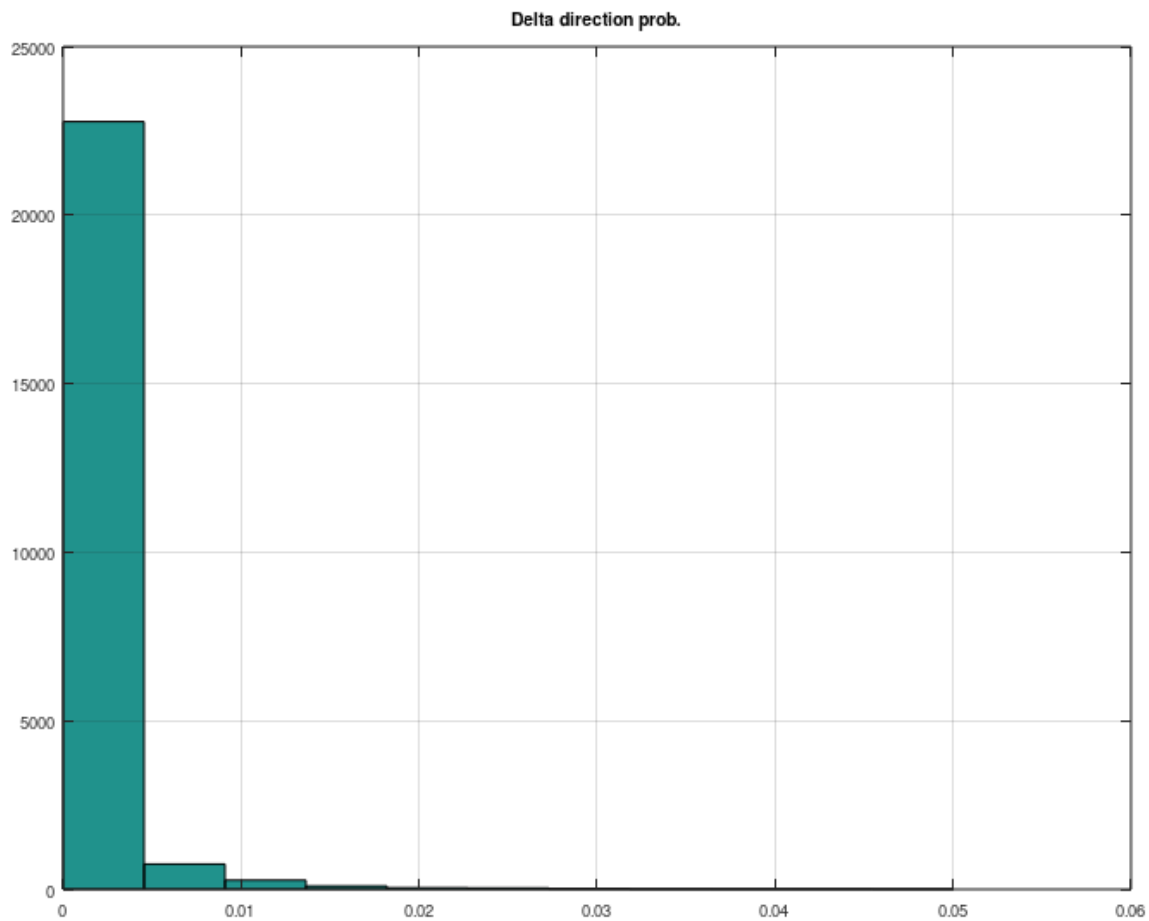
# Delta direction prob. notes

[Notes]

## Delta direction prob. chart



## Delta direction prob. histogram



## Delta speed prob.

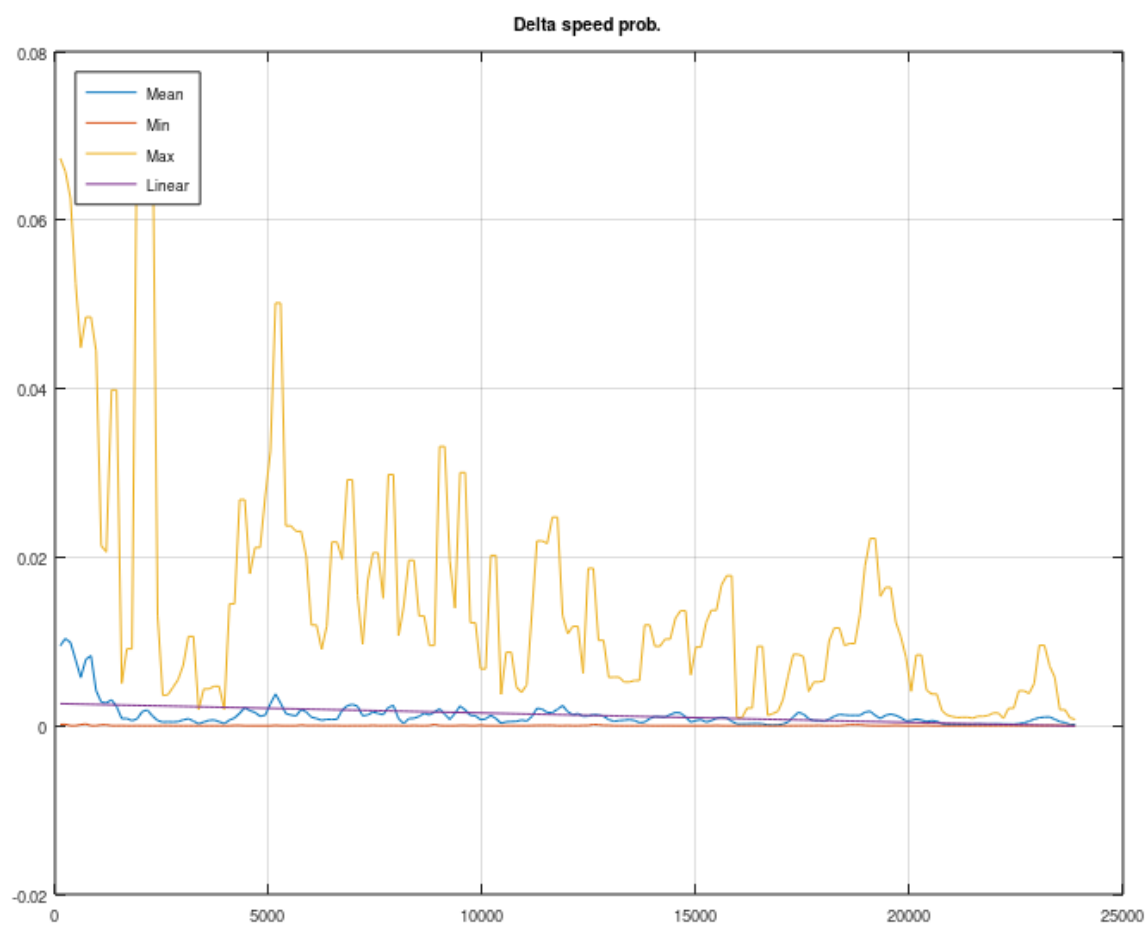
KPI	
Mean	0.00129
RMS	0.00363
Min	9e-08
Median	0.00037
Max	0.073
Trend	Linear
From	0.00263
To	-5.01e-05

0.00332	0.00996	0.0166	0.0232	0.0299	0.0365	0.0432	0.0498	0.0564	0.0631	0.0697
23184	513	152	62	25	31	14	9	2	4	4

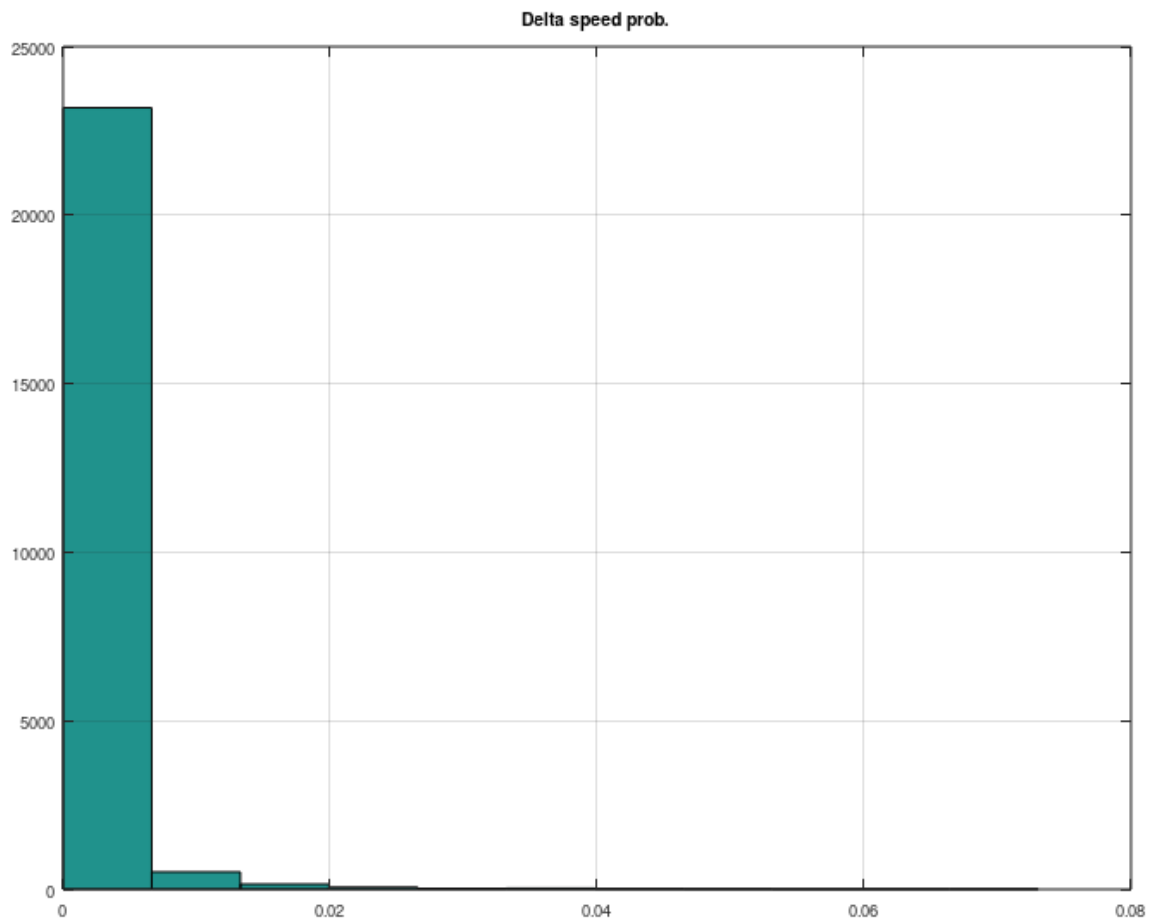
# Delta speed prob. notes

[Notes]

## Delta speed prob. chart



## Delta speed prob. histogram



## Delta sensor direction prob.

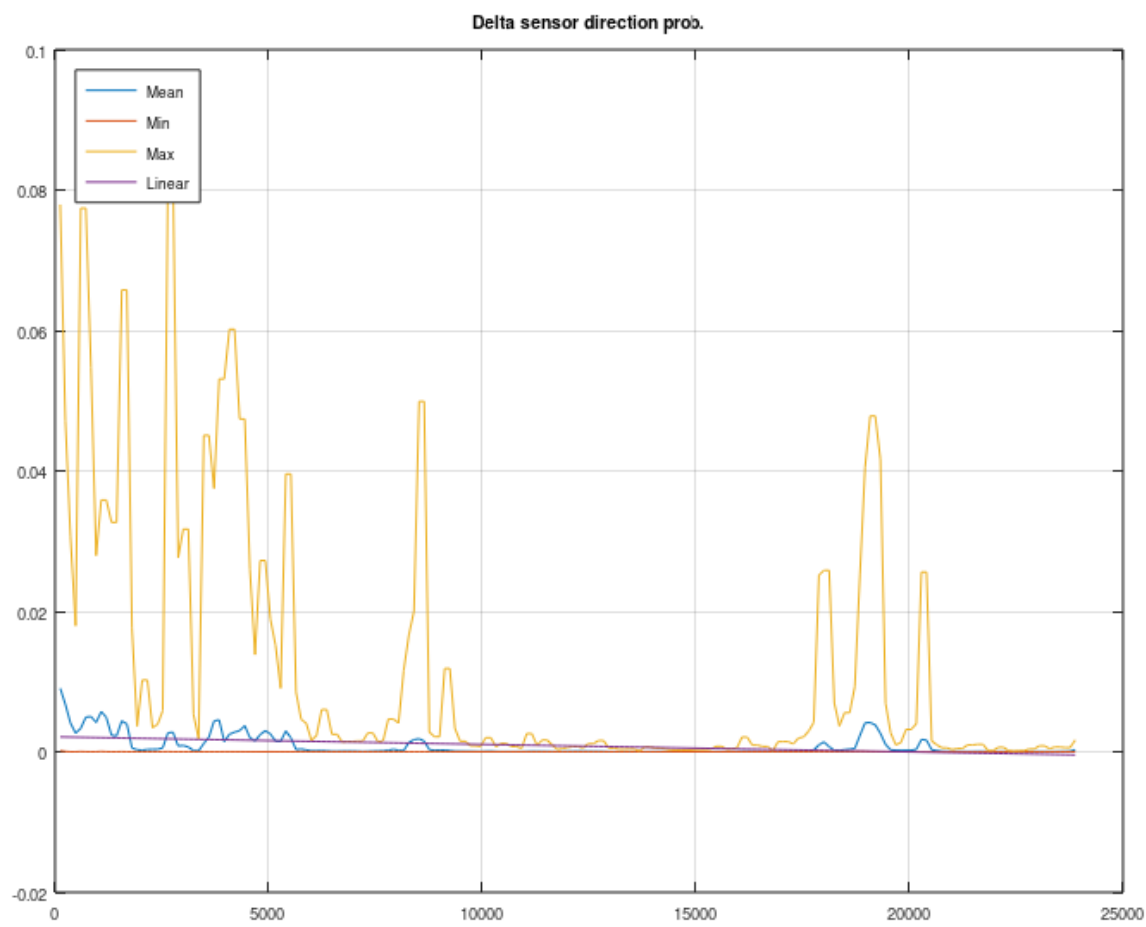
KPI	
Mean	0.000843
RMS	0.00348
Min	0
Median	4.85e-05
Max	0.0819
Trend	Linear
From	0.00213
To	-0.000444

0.00372	0.0112	0.0186	0.0261	0.0335	0.041	0.0484	0.0559	0.0633	0.0708	0.0782
23349	394	128	57	33	15	13	3	3	1	4

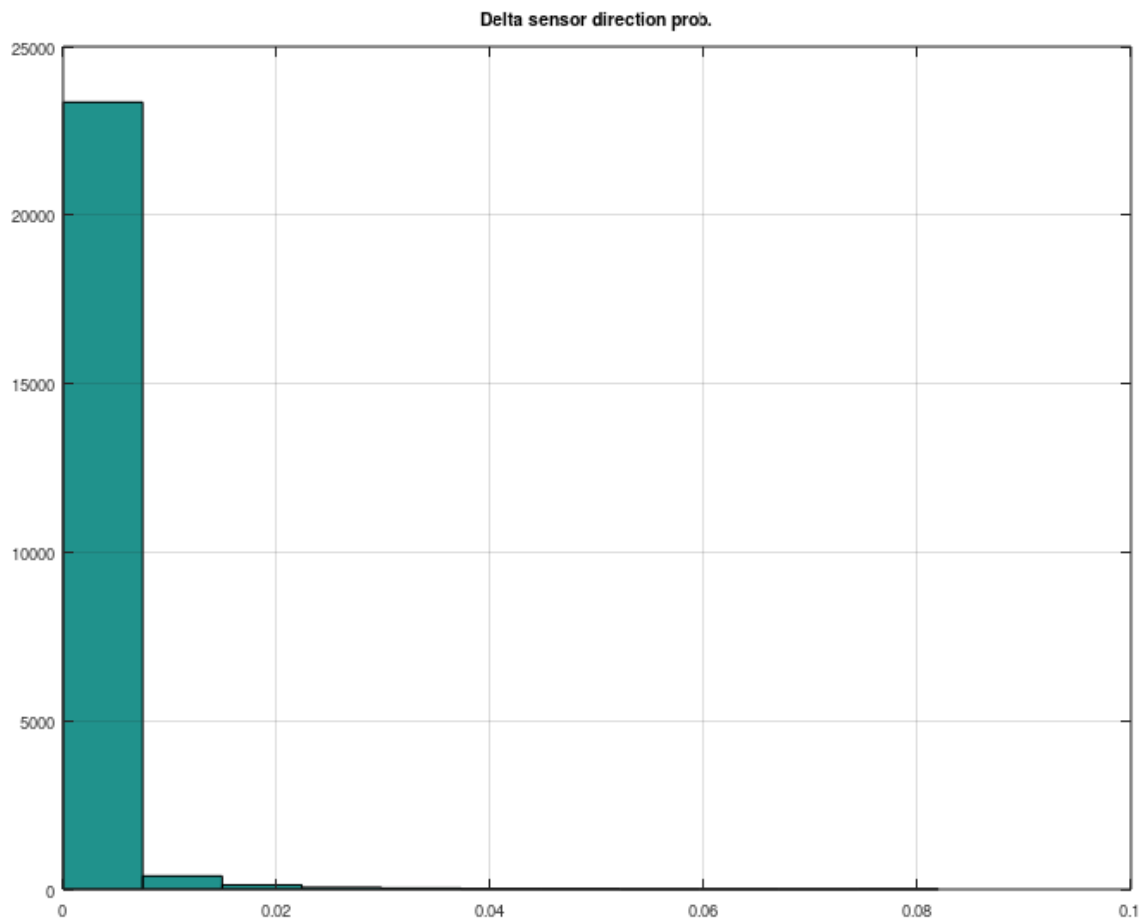
# Delta sensor direction prob. notes

[Notes]

## Delta sensor direction prob. chart



## Delta sensor direction prob. histogram



## Advantage residual estimation (critic)

KPI	
Mean	0.905
RMS	0.955
Min	-0.914
Median	0.98
Max	0.994
Trend	Linear
From	0.698
To	1.11

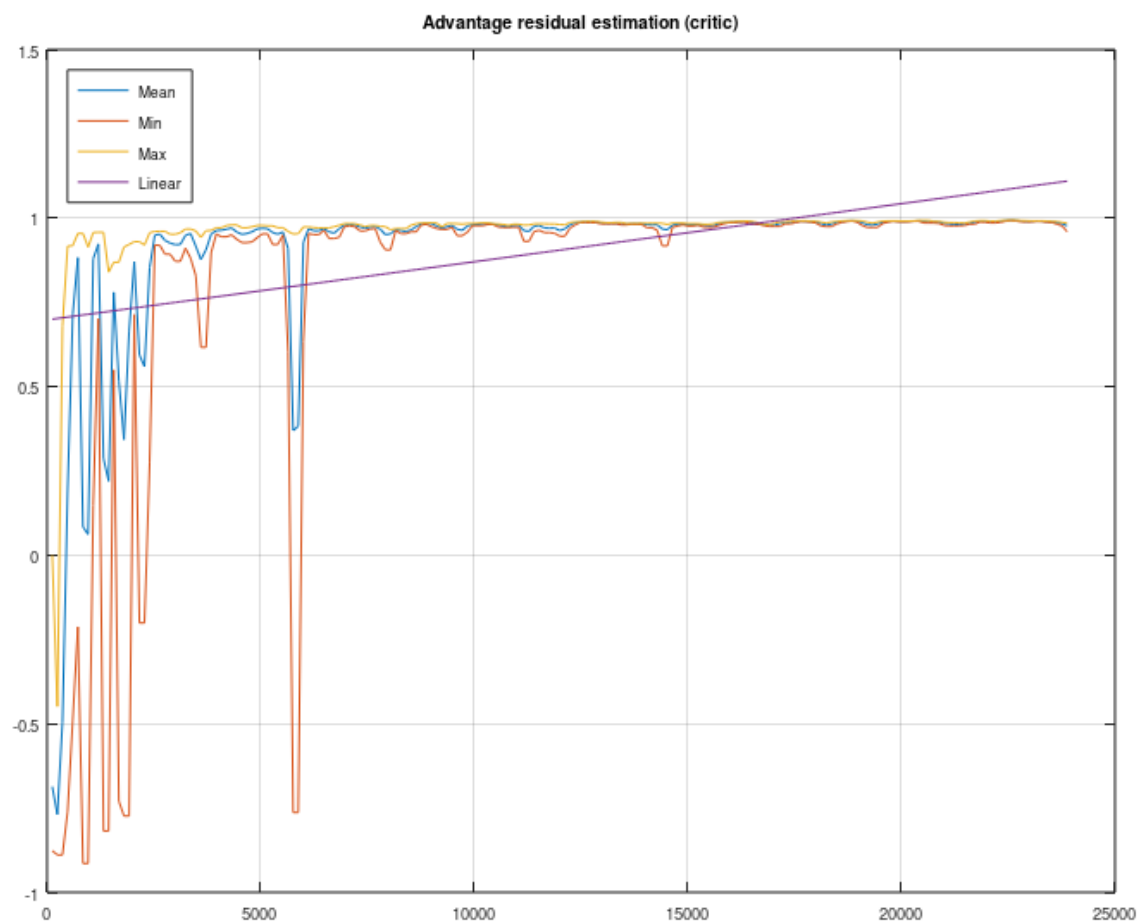
-0.828	-0.654	-0.481	-0.307	-0.134	0.0397	0.213	0.387	0.56	0.734	0.907
345	238	98	55	72	68	49	70	158	474	22373



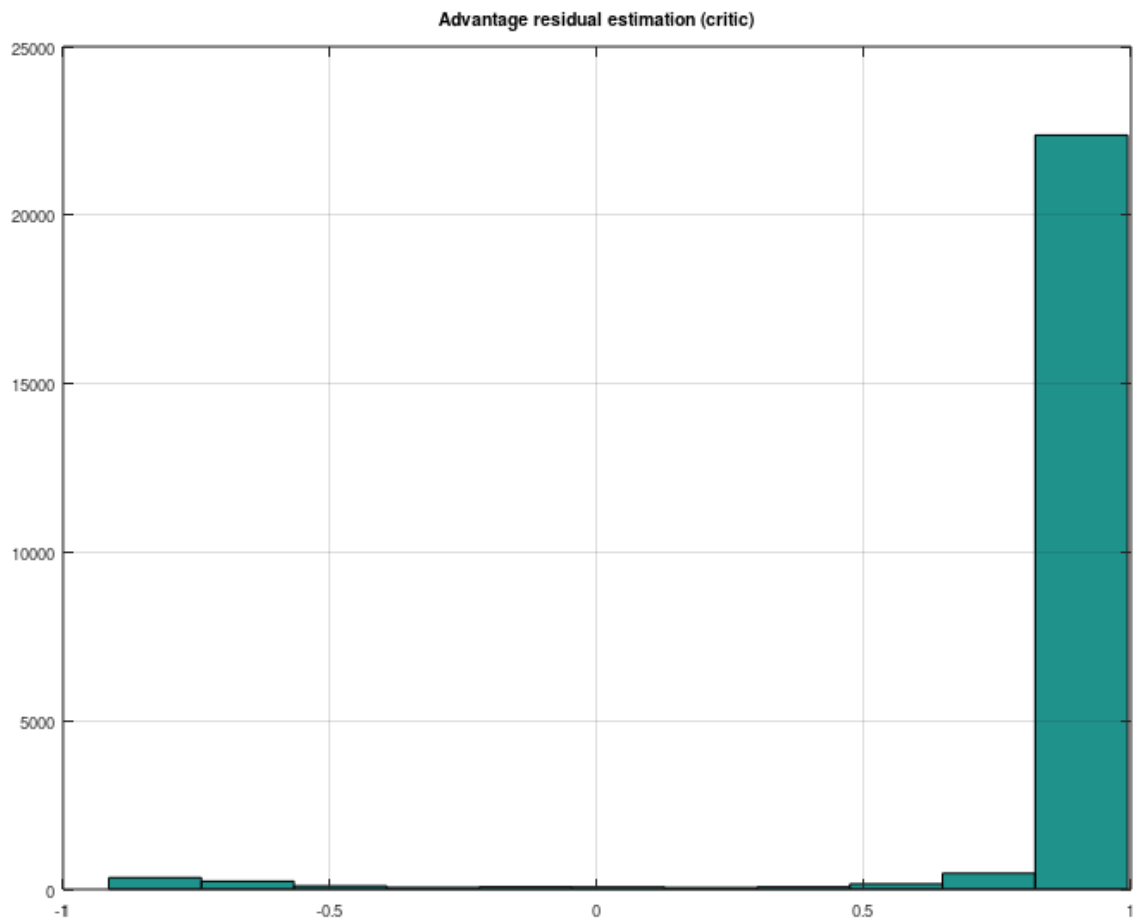
# Advantage residual estimation (critic) notes

[Notes]

## Advantage residual estimation (critic) chart



## Advantage residual estimation (critic) histogram



## Halt gradient

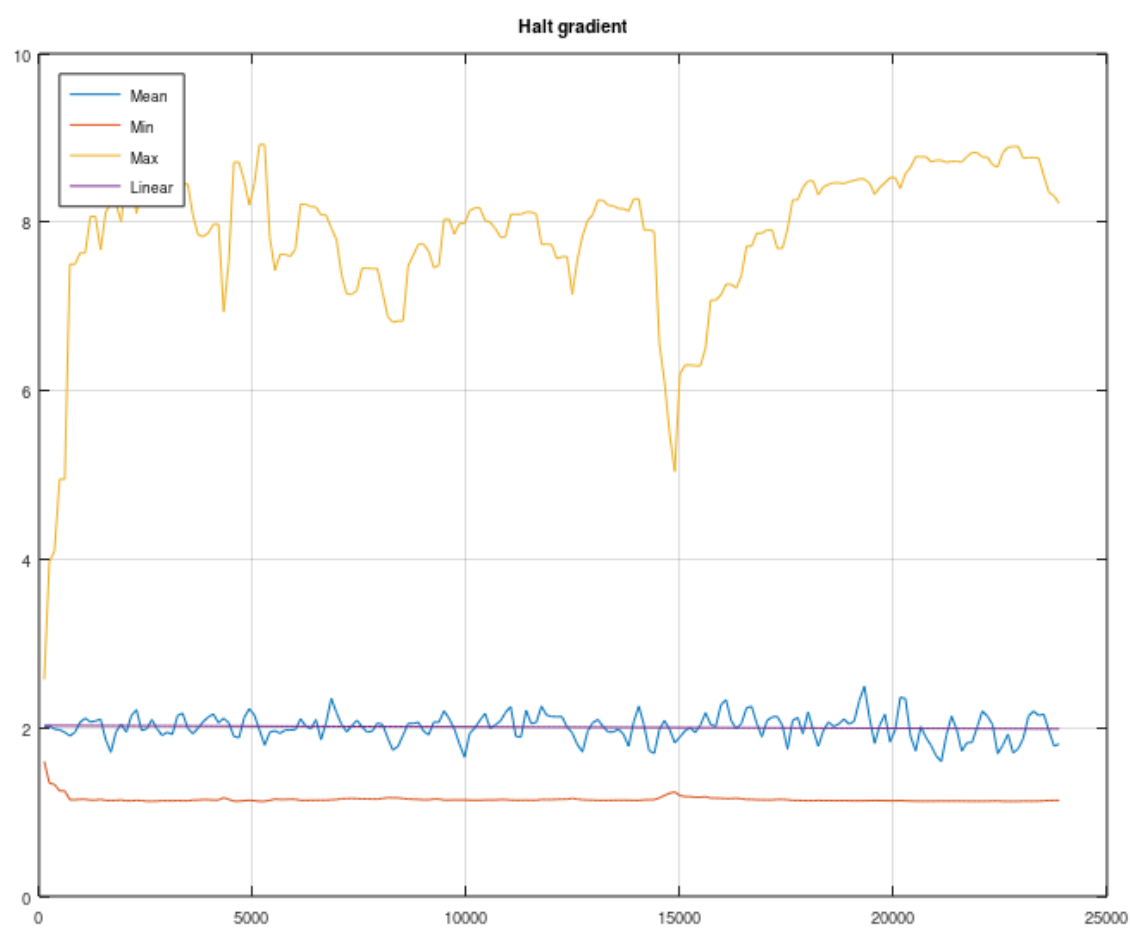
KPI	
Mean	2.01
RMS	2.96
Min	1.13
Median	1.15
Max	8.92
Trend	Linear
From	2.03
To	1.99

1.48	2.19	2.9	3.61	4.31	5.02	5.73	6.44	7.15	7.86	8.57
20583	199	22	53	52	87	136	188	790	1138	752

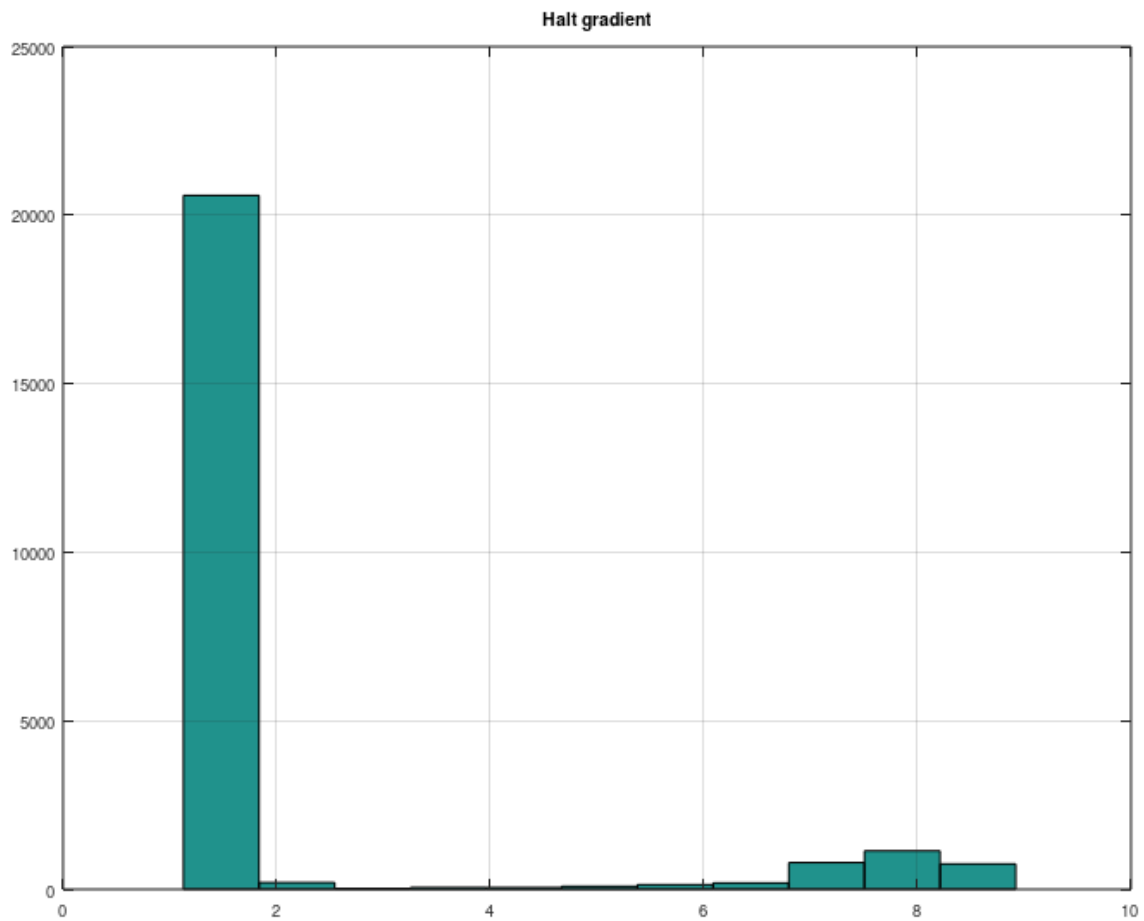
# Halt gradient notes

[Notes]

## Halt gradient chart



## Halt gradient histogram



## Direction gradient

KPI	
Mean	25
RMS	106
Min	4.33
Median	8.55
Max	1.55e+03
Trend	Linear
From	25.1
To	24.9

74.6	215	356	496	637	777	918	1.06e+03	1.2e+03	1.34e+03	1.48e+03
23384	122	103	90	84	81	80	29	16	7	4

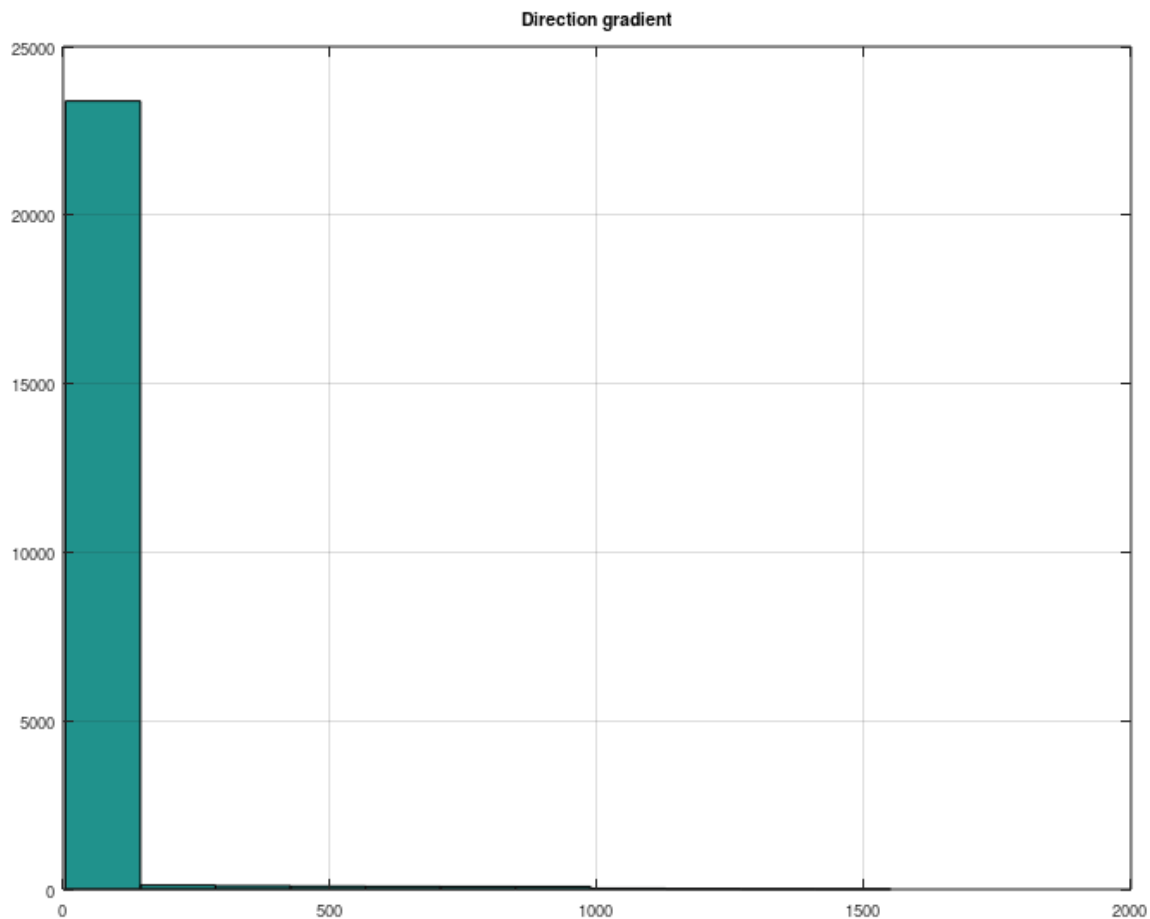
# Direction gradient notes

[Notes]

## Direction gradient chart



## Direction gradient histogram



Speed gradient

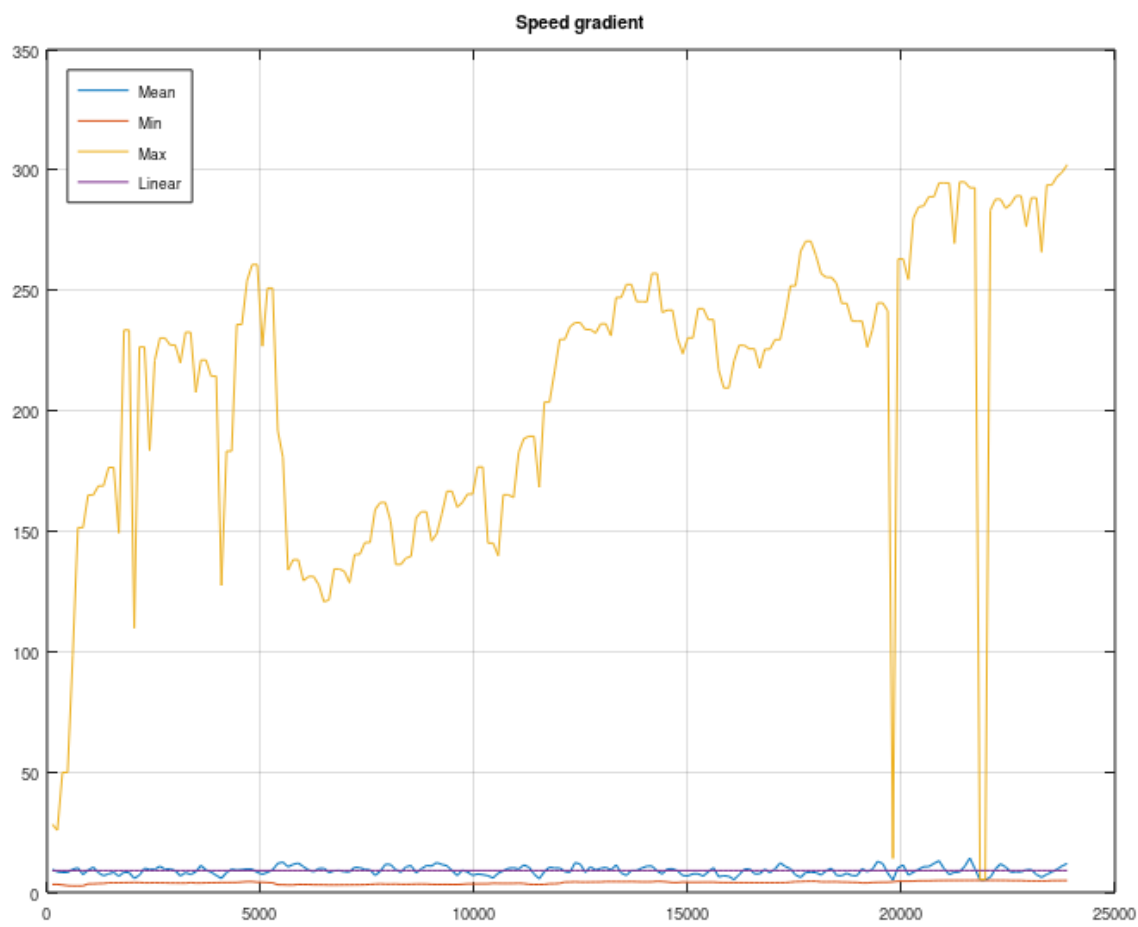
KPI	
Mean	9.01
RMS	28.7
Min	2.65
Median	4.45
Max	302
Trend	Linear
From	9
To	9.01

16.3	43.5	70.7	98	125	152	180	207	234	261	289
23265	92	70	116	139	71	34	39	97	46	31

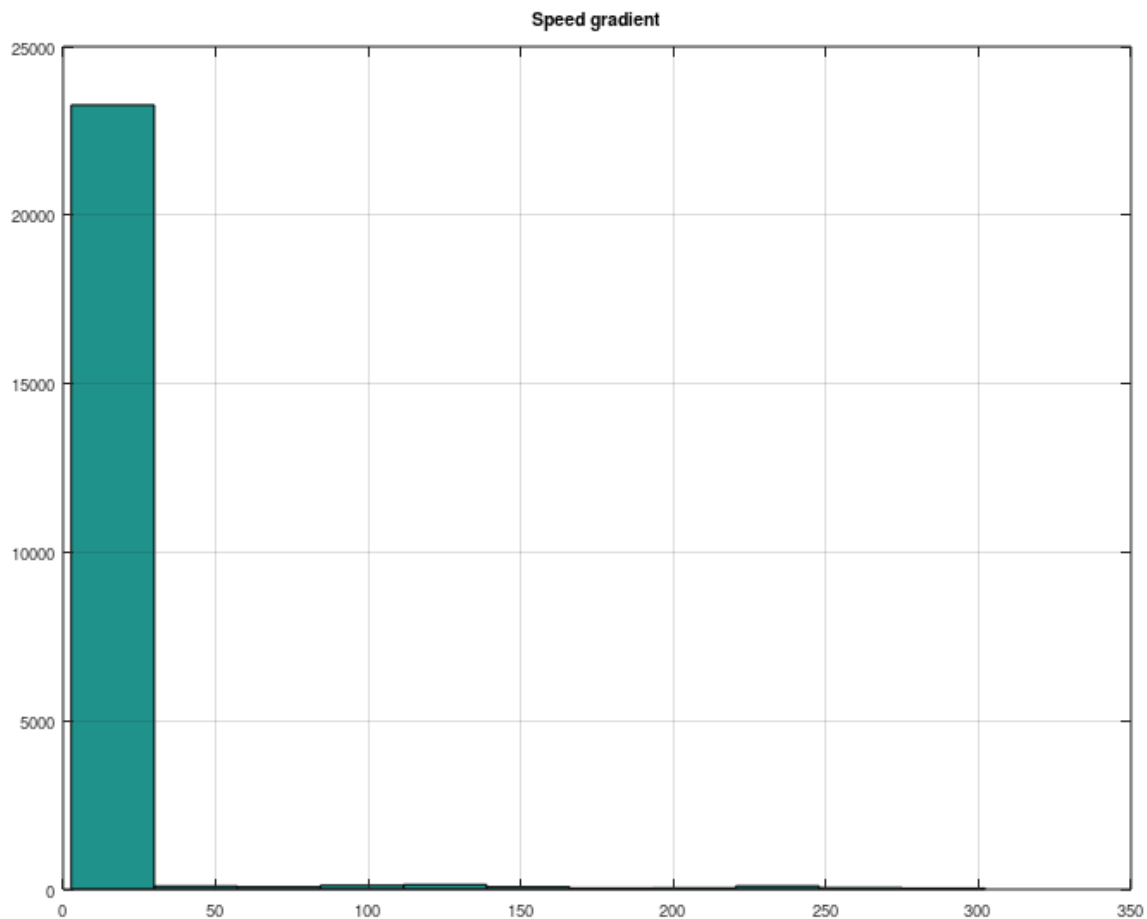
# Speed gradient notes

[Notes]

## Speed gradient chart



## Speed gradient histogram



## Sensor direction gradient

KPI	
Mean	6.95
RMS	18.5
Min	1.13
Median	1.31
Max	108
Trend	Linear
From	6.7
To	7.2

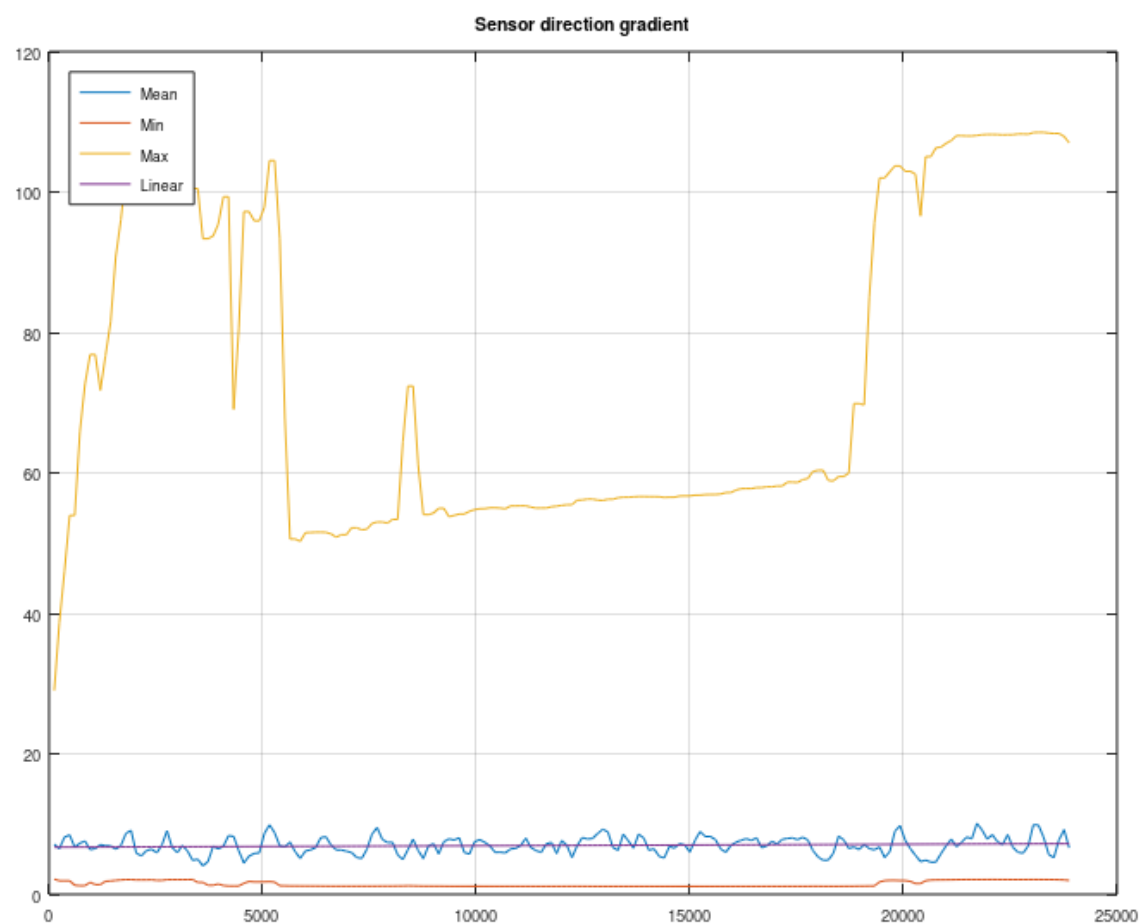
6.01	15.8	25.5	35.3	45	54.8	64.6	74.3	84.1	93.8	104
21528	123	163	305	567	857	63	60	56	95	183



# Sensor direction gradient notes

[Notes]

## Sensor direction gradient chart



## Sensor direction gradient histogram

