

Report

30 October 2022, 22:29

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

Rewards

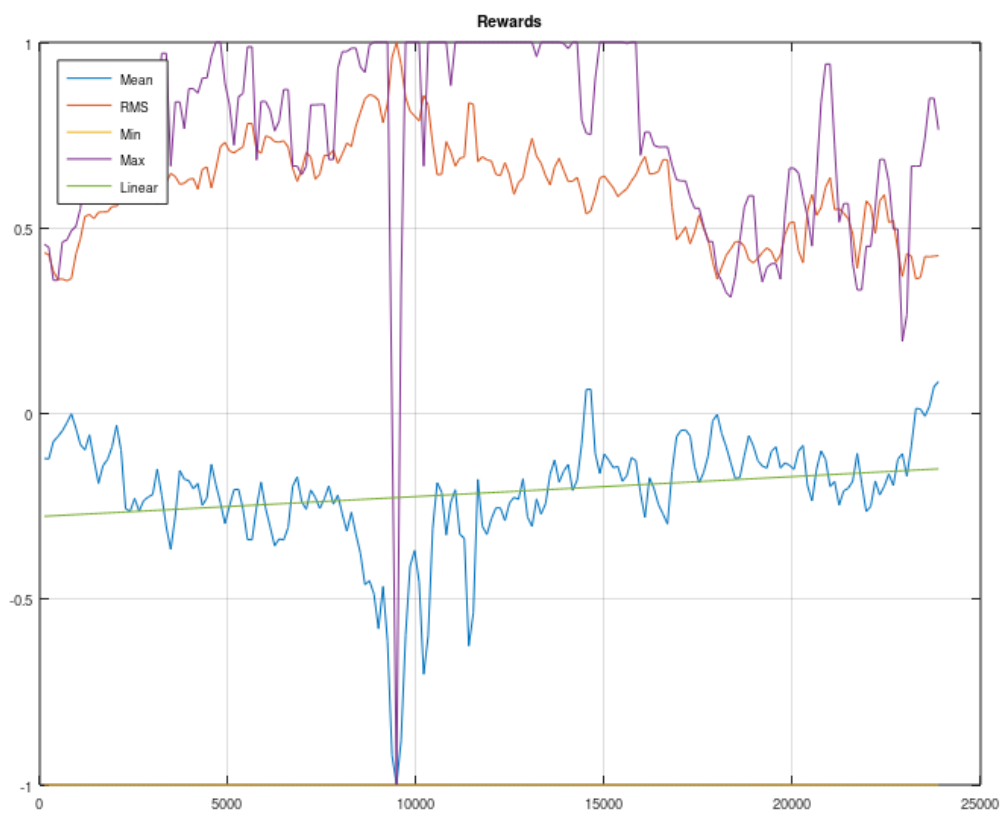
| KPI | |
|--------|--------|
| Mean | -0.213 |
| RMS | 0.619 |
| Min | -1 |
| Median | 0 |
| Max | 1 |
| Trend | Linear |
| From | -0.277 |
| To | -0.148 |

| | | | | | | | | | | |
|--------|--------|--------|--------|--------|------|-------|-------|-------|-------|-------|
| -0.909 | -0.727 | -0.545 | -0.364 | -0.182 | 0 | 0.182 | 0.364 | 0.545 | 0.727 | 0.909 |
| 7786 | 0 | 0 | 0 | 0 | 9830 | 1876 | 2210 | 777 | 1200 | 321 |

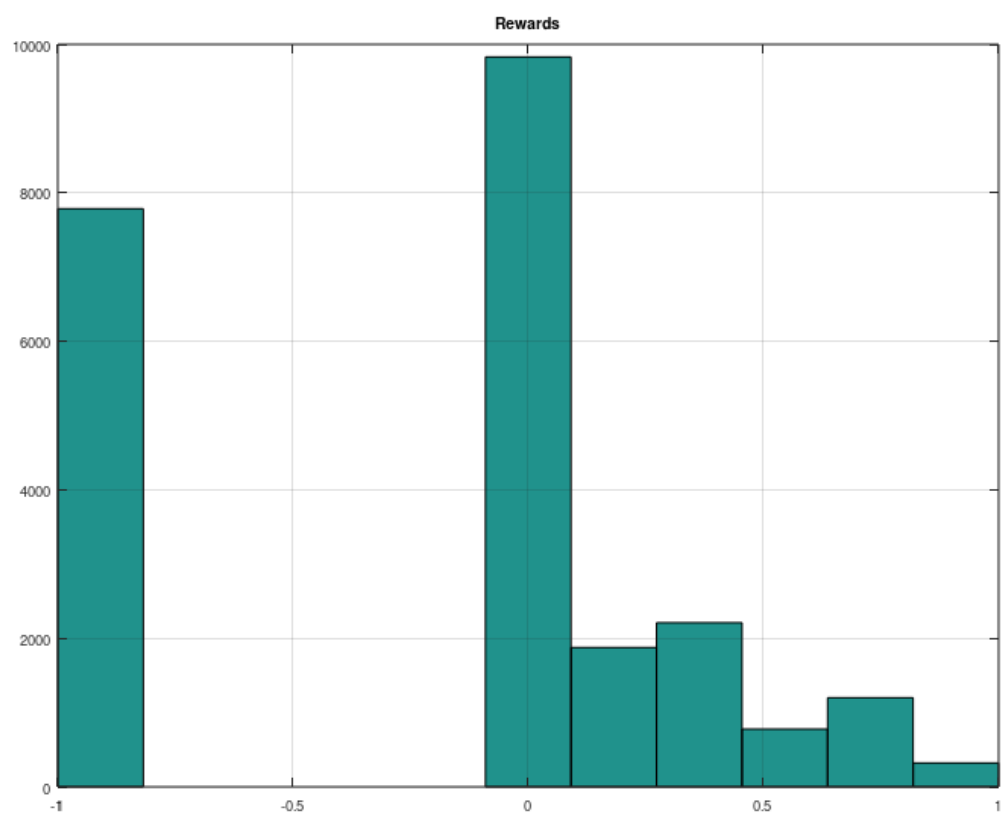
Rewards notes

[Notes]

Rewards chart



Rewards histogram



Delta

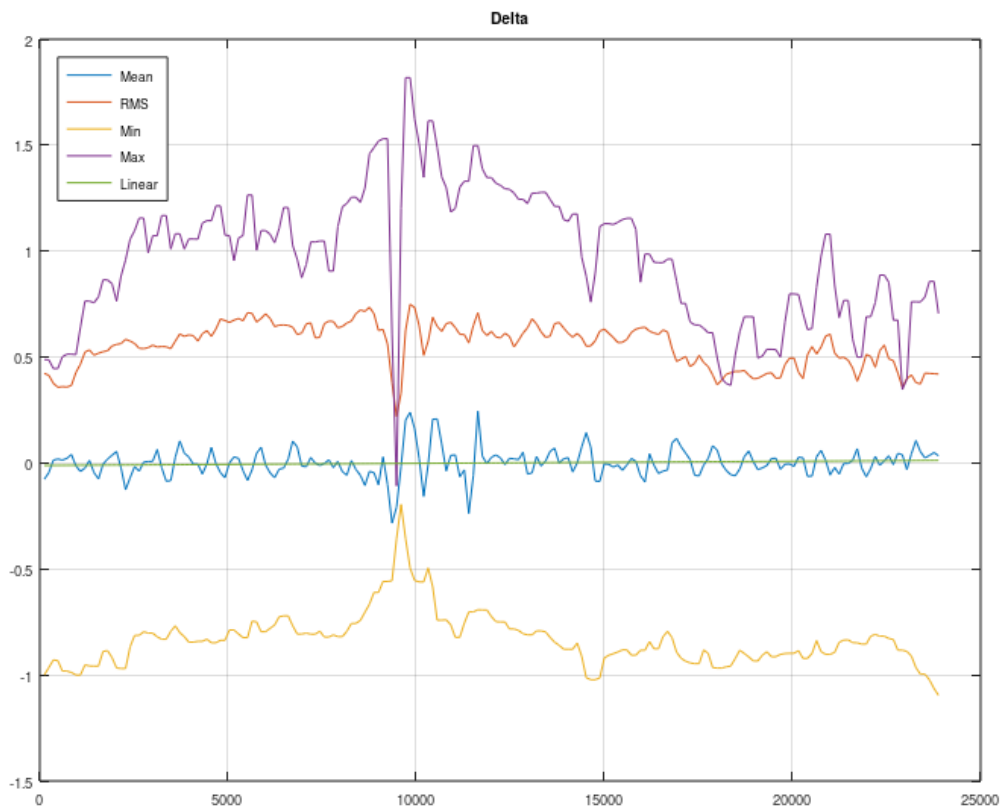
| KPI | |
|--------|----------|
| Mean | 0.000479 |
| RMS | 0.564 |
| Min | -1.1 |
| Median | 0.153 |
| Max | 1.82 |
| Trend | Linear |
| From | -0.0116 |
| To | 0.0126 |

| | | | | | | | | | | |
|--------|--------|--------|--------|--------|-------|-------|-------|------|------|------|
| -0.964 | -0.699 | -0.434 | -0.169 | 0.0963 | 0.361 | 0.626 | 0.891 | 1.16 | 1.42 | 1.69 |
| 1975 | 4582 | 885 | 429 | 7389 | 4579 | 2359 | 1344 | 343 | 100 | 15 |

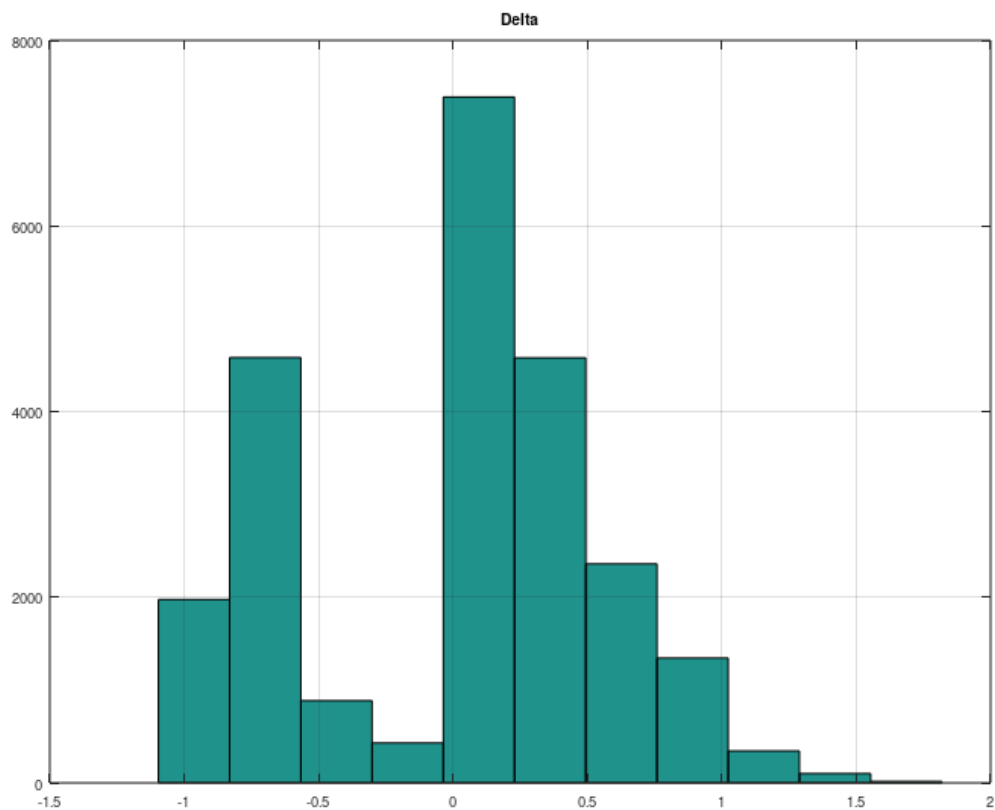
Delta notes

[Notes]

Delta chart



Delta histogram



Discount 0.999 rewards

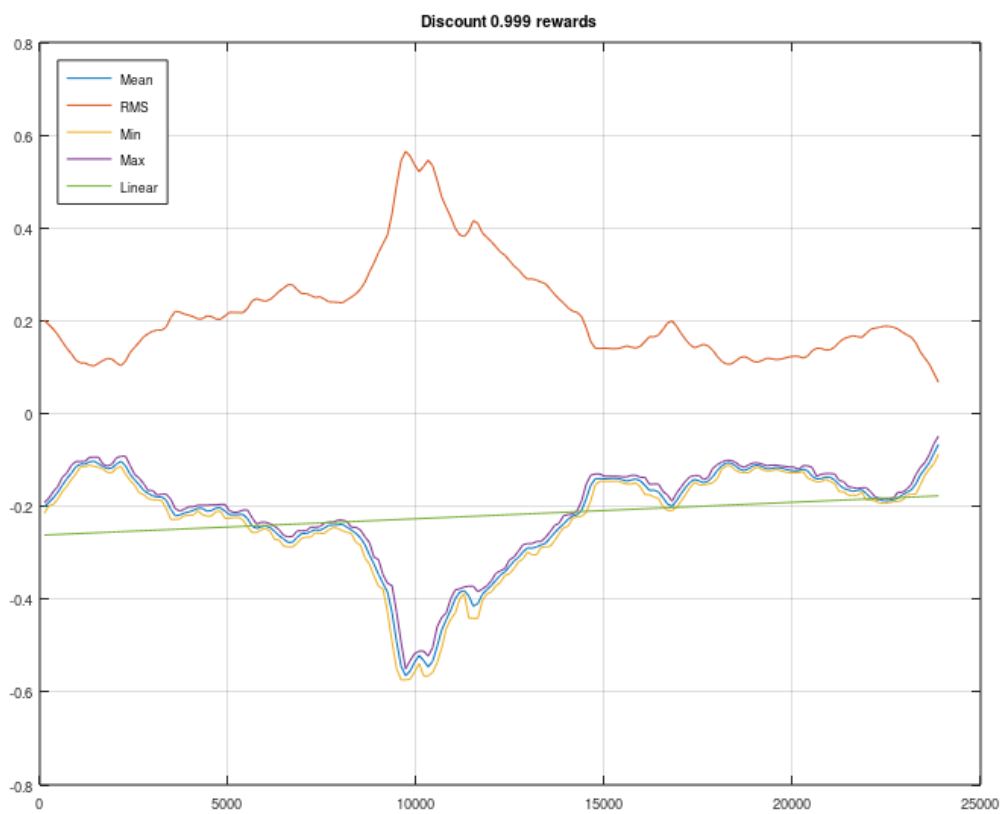
| KPI | |
|--------|---------|
| Mean | -0.22 |
| RMS | 0.246 |
| Min | -0.574 |
| Median | -0.187 |
| Max | -0.0488 |
| Trend | Linear |
| From | -0.262 |
| To | -0.177 |

| -0.55 | -0.502 | -0.455 | -0.407 | -0.359 | -0.311 | -0.264 | -0.216 | -0.168 | -0.12 | -0.0727 |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|---------|
| 740 | 430 | 438 | 781 | 1135 | 894 | 3549 | 3637 | 5345 | 6639 | 412 |

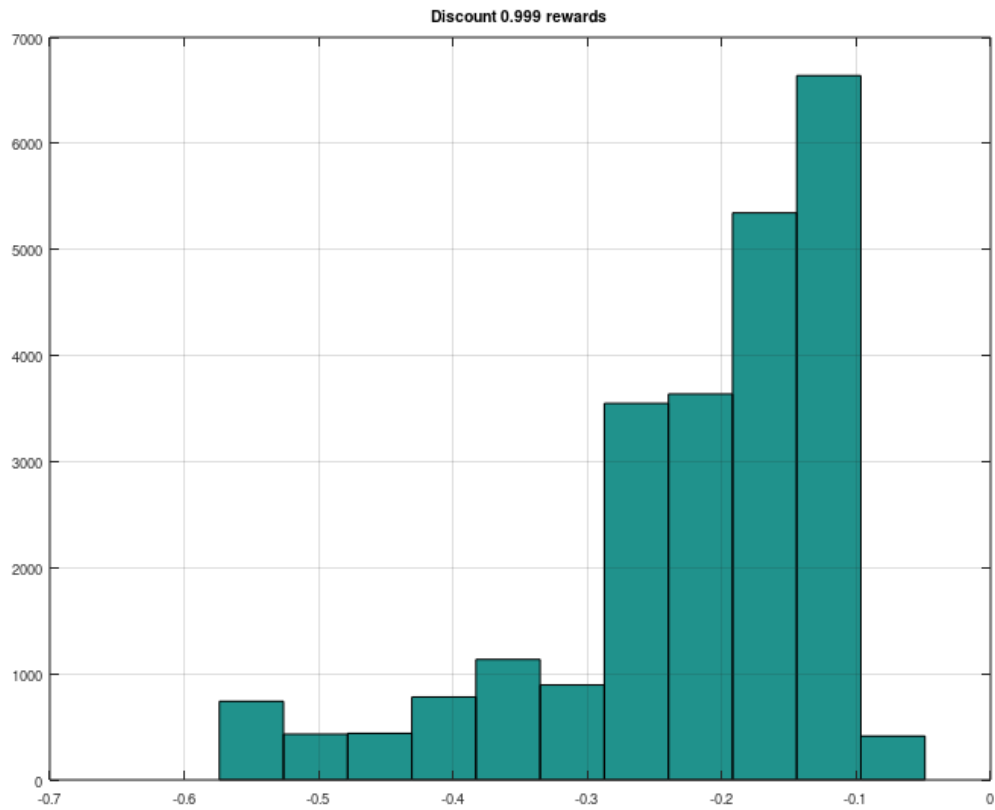
Discount 0.999 rewards notes

[Notes]

Discount 0.999 rewards chart



Discount 0.999 rewards histogram



Halt max prob.

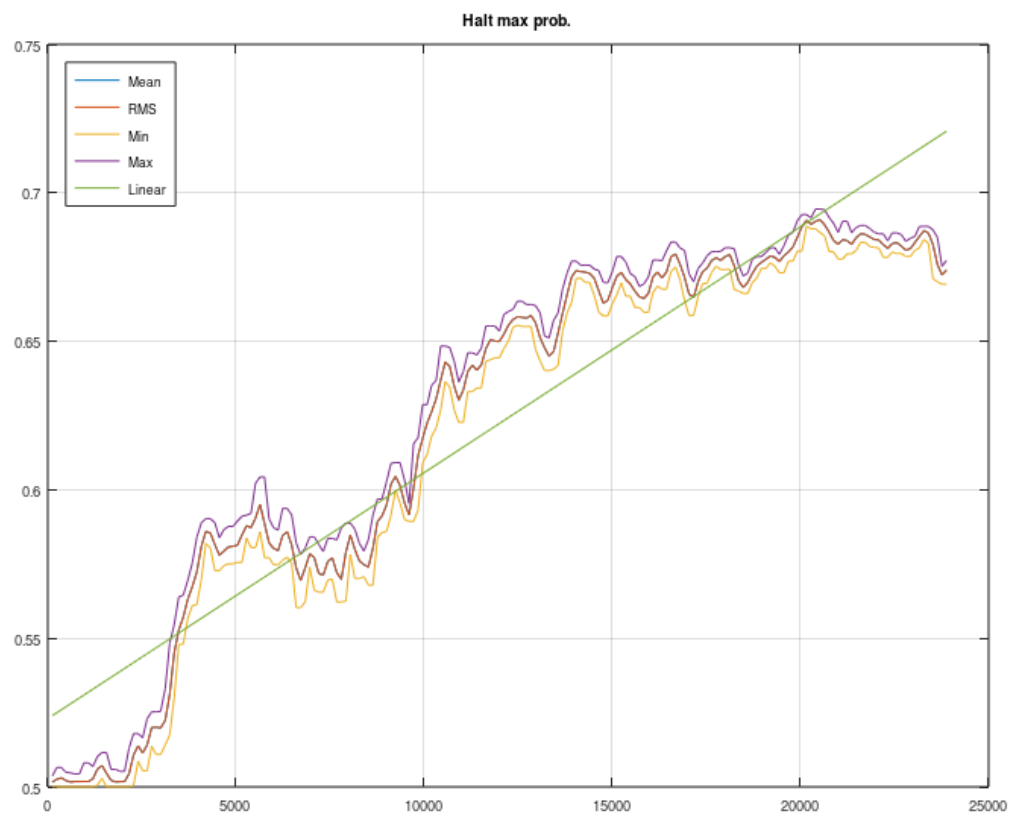
| KPI | |
|--------|--------|
| Mean | 0.622 |
| RMS | 0.625 |
| Min | 0.5 |
| Median | 0.648 |
| Max | 0.695 |
| Trend | Linear |
| From | 0.523 |
| To | 0.722 |

| | | | | | | | | | | |
|-------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|
| 0.509 | 0.527 | 0.544 | 0.562 | 0.58 | 0.597 | 0.615 | 0.633 | 0.65 | 0.668 | 0.686 |
| 2742 | 524 | 252 | 866 | 3953 | 1348 | 453 | 1047 | 2305 | 5116 | 5394 |

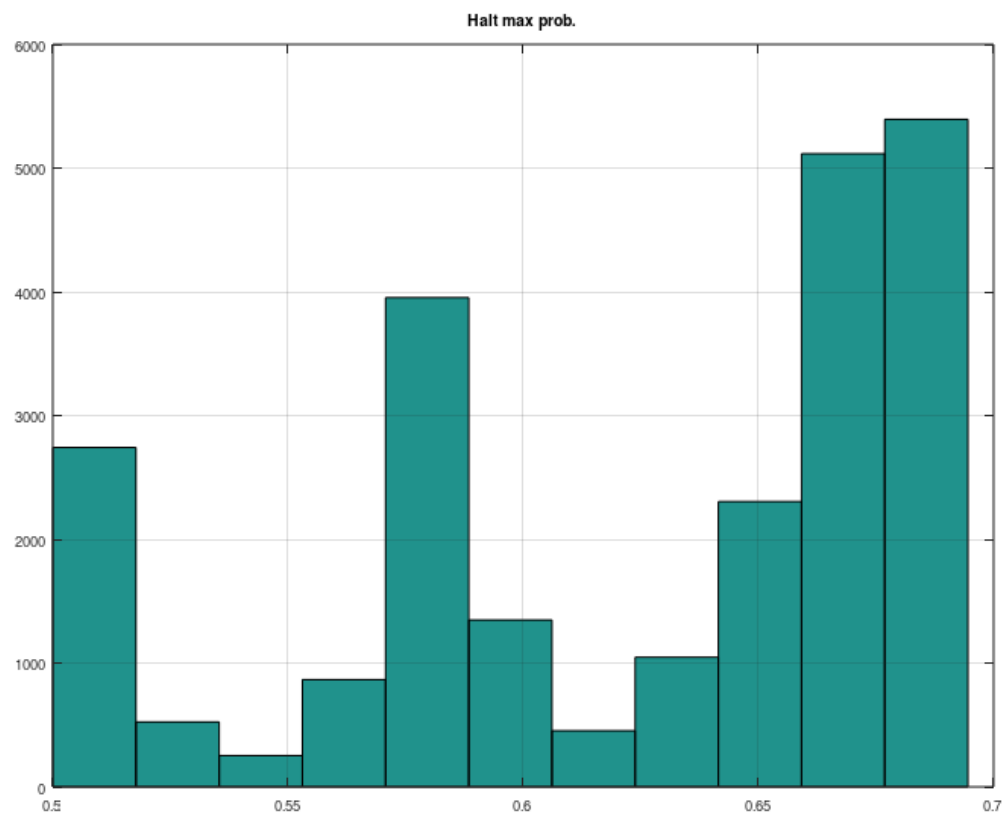
Halt max prob. notes

[Notes]

Halt max prob. chart



Halt max prob. histogram



Direction max prob.

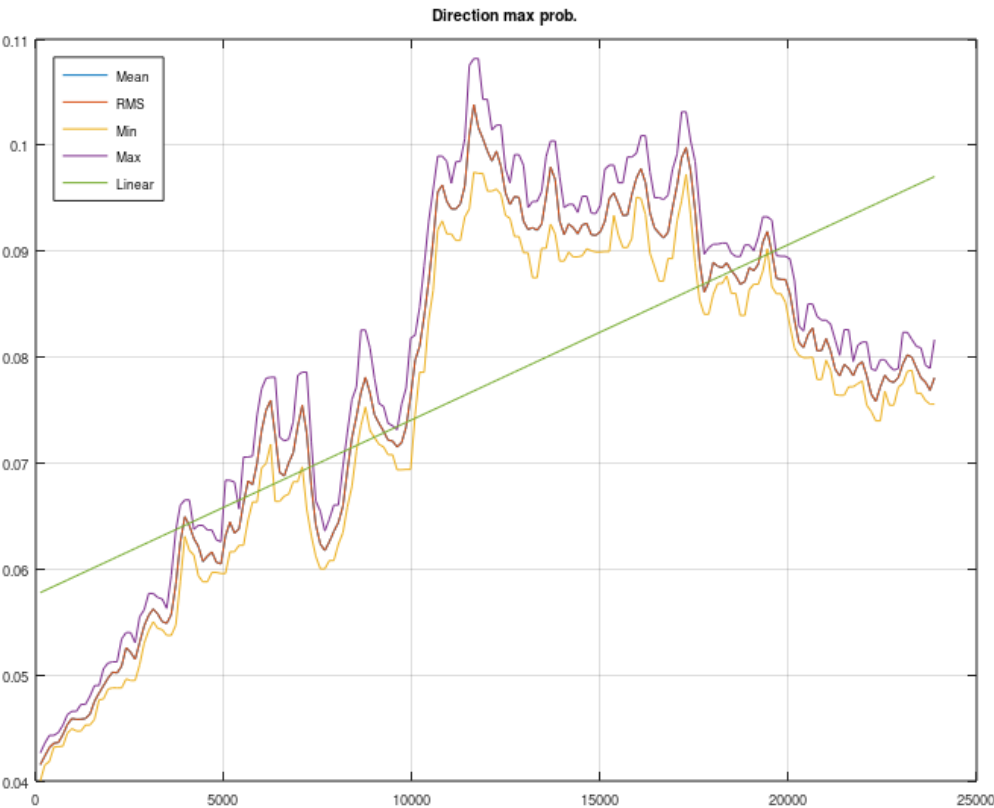
| KPI | |
|--------|--------|
| Mean | 0.0774 |
| RMS | 0.0791 |
| Min | 0.04 |
| Median | 0.0791 |
| Max | 0.108 |
| Trend | Linear |
| From | 0.0576 |
| To | 0.0972 |

| 0.0431 | 0.0493 | 0.0555 | 0.0617 | 0.0679 | 0.0741 | 0.0803 | 0.0865 | 0.0927 | 0.0989 | 0.105 |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| 1383 | 1190 | 1134 | 2249 | 1599 | 2770 | 3764 | 2545 | 4768 | 2305 | 293 |

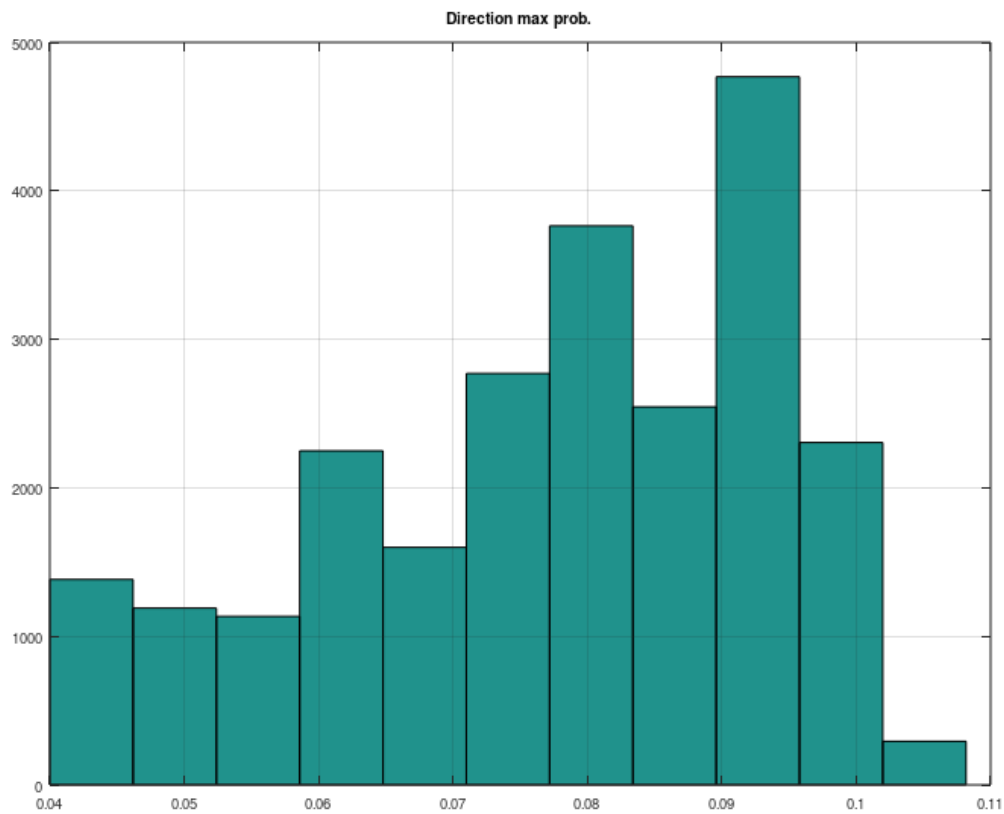
Direction max prob. notes

[Notes]

Direction max prob. chart



Direction max prob. histogram



Speed max prob.

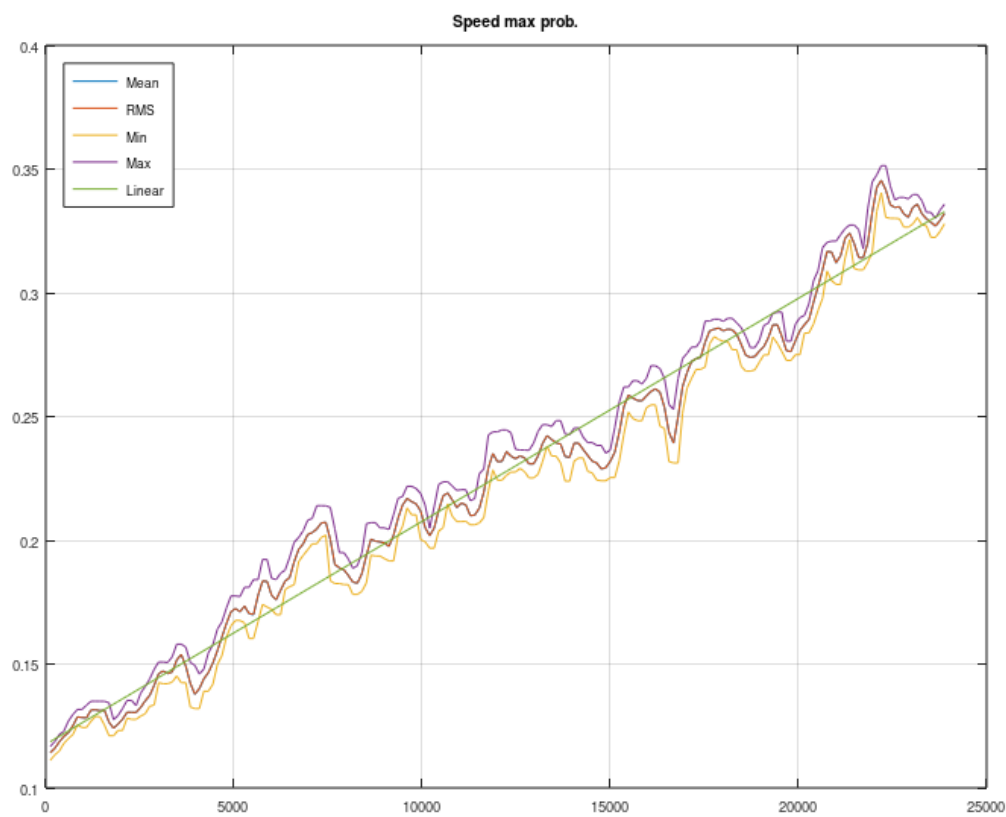
| KPI | |
|--------|--------|
| Mean | 0.226 |
| RMS | 0.234 |
| Min | 0.111 |
| Median | 0.227 |
| Max | 0.351 |
| Trend | Linear |
| From | 0.118 |
| To | 0.334 |

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 0.122 | 0.144 | 0.166 | 0.188 | 0.209 | 0.231 | 0.253 | 0.275 | 0.297 | 0.319 | 0.34 |
| 2416 | 2020 | 1283 | 2389 | 3412 | 3571 | 1799 | 2613 | 1180 | 1668 | 1649 |

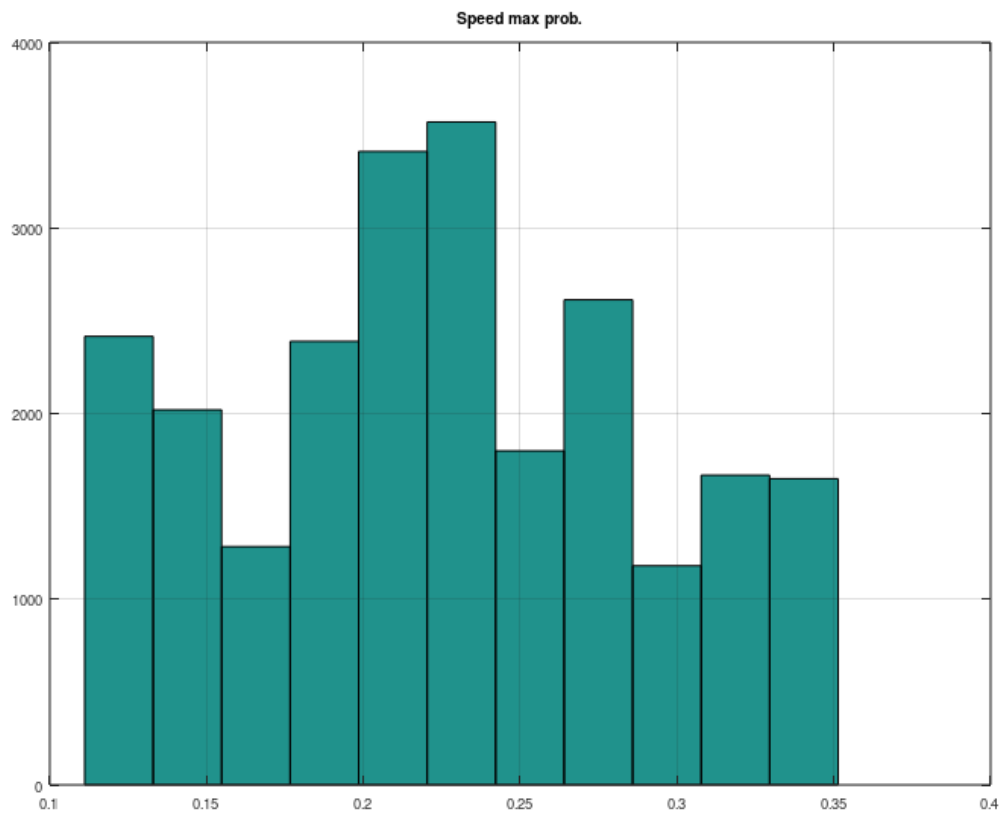
Speed max prob. notes

[Notes]

Speed max prob. chart



Speed max prob. histogram



Sensor direction max prob.

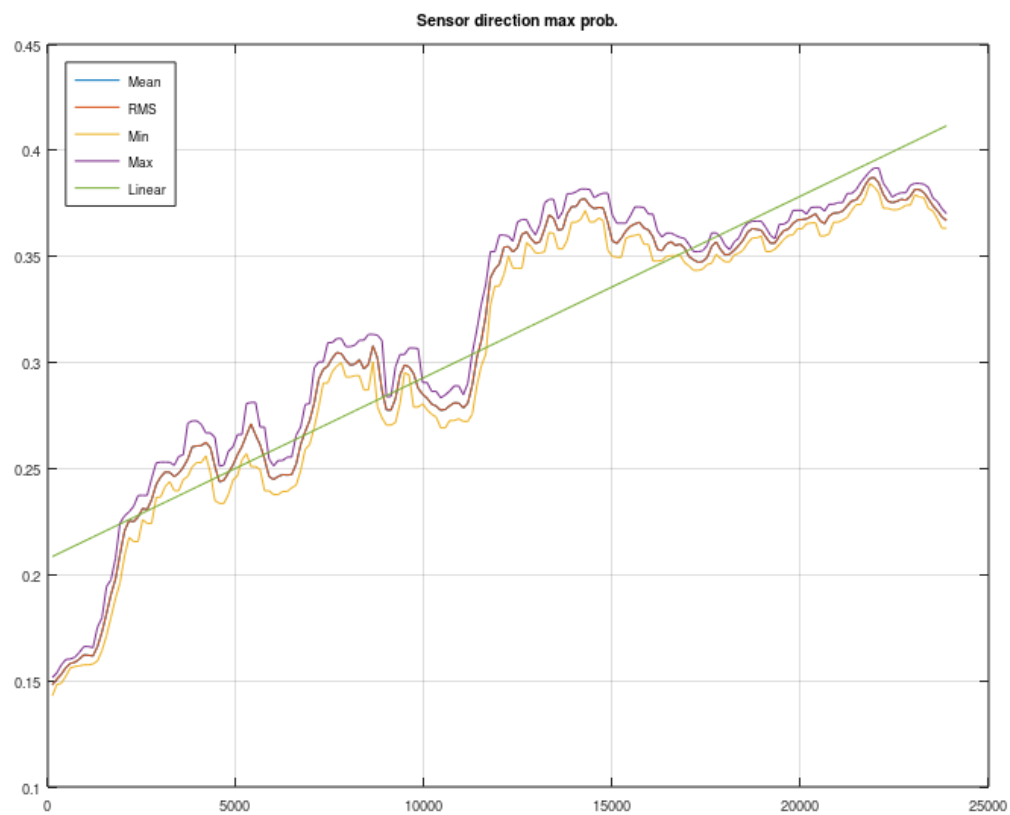
| KPI | |
|--------|--------|
| Mean | 0.31 |
| RMS | 0.317 |
| Min | 0.143 |
| Median | 0.346 |
| Max | 0.392 |
| Trend | Linear |
| From | 0.207 |
| To | 0.413 |

| | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|
| 0.154 | 0.177 | 0.199 | 0.222 | 0.245 | 0.267 | 0.29 | 0.313 | 0.335 | 0.358 | 0.38 |
| 1316 | 307 | 317 | 738 | 2697 | 2291 | 2844 | 1116 | 445 | 7525 | 4404 |

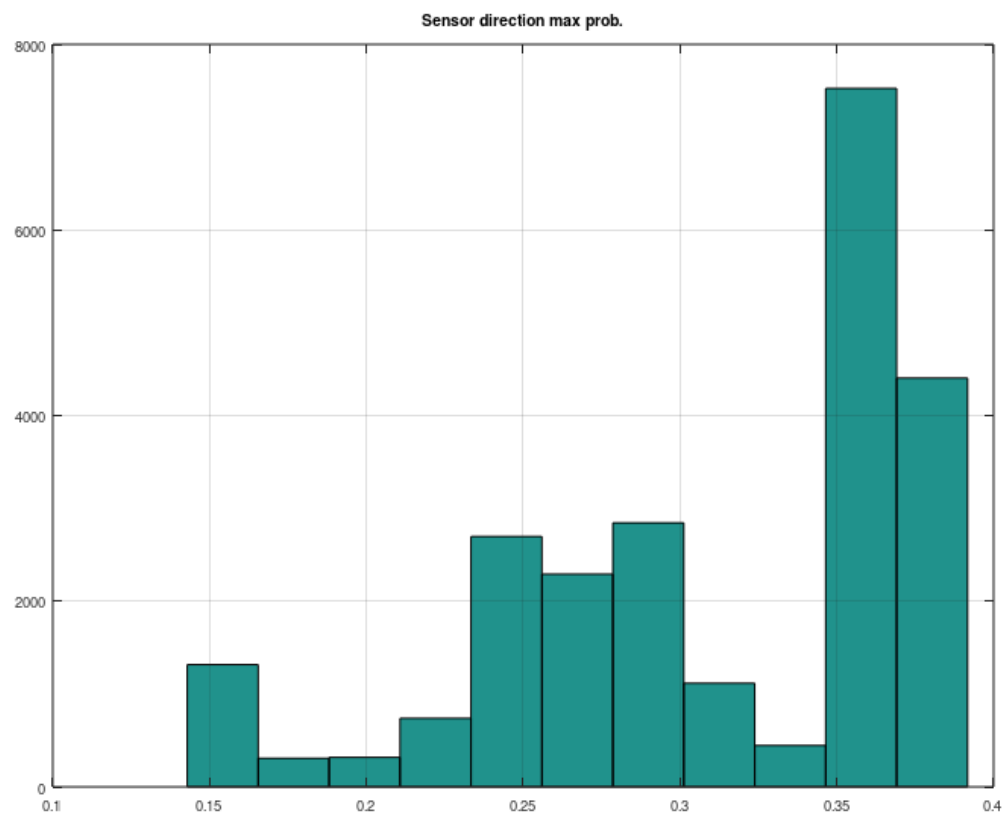
Sensor direction max prob. notes

[Notes]

Sensor direction max prob. chart



Sensor direction max prob. histogram



Delta halt prob.

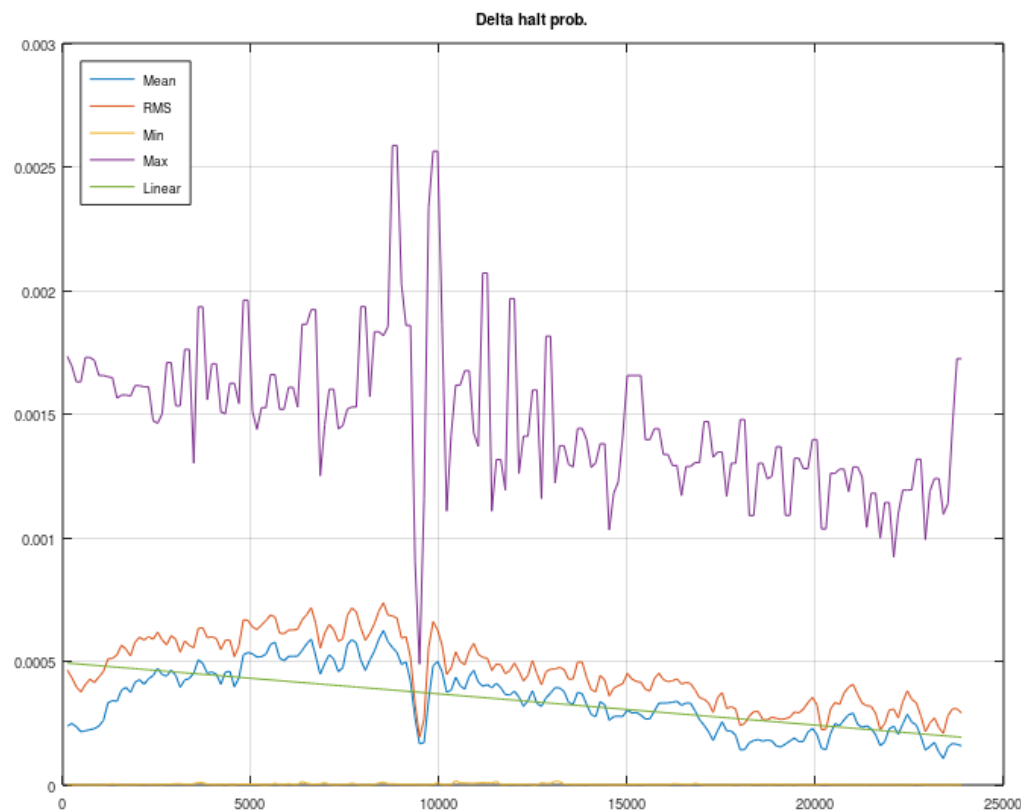
| KPI | |
|--------|----------|
| Mean | 0.000343 |
| RMS | 0.00048 |
| Min | 0 |
| Median | 0.000227 |
| Max | 0.00259 |
| Trend | Linear |
| From | 0.000494 |
| To | 0.000191 |

| 0.000118 | 0.000353 | 0.000588 | 0.000823 | 0.00106 | 0.00129 | 0.00153 | 0.00176 | 0.002 | 0.00223 | 0.00247 |
|----------|----------|----------|----------|---------|---------|---------|---------|-------|---------|---------|
| 12249 | 5212 | 3091 | 1697 | 1016 | 505 | 166 | 45 | 12 | 5 | 2 |

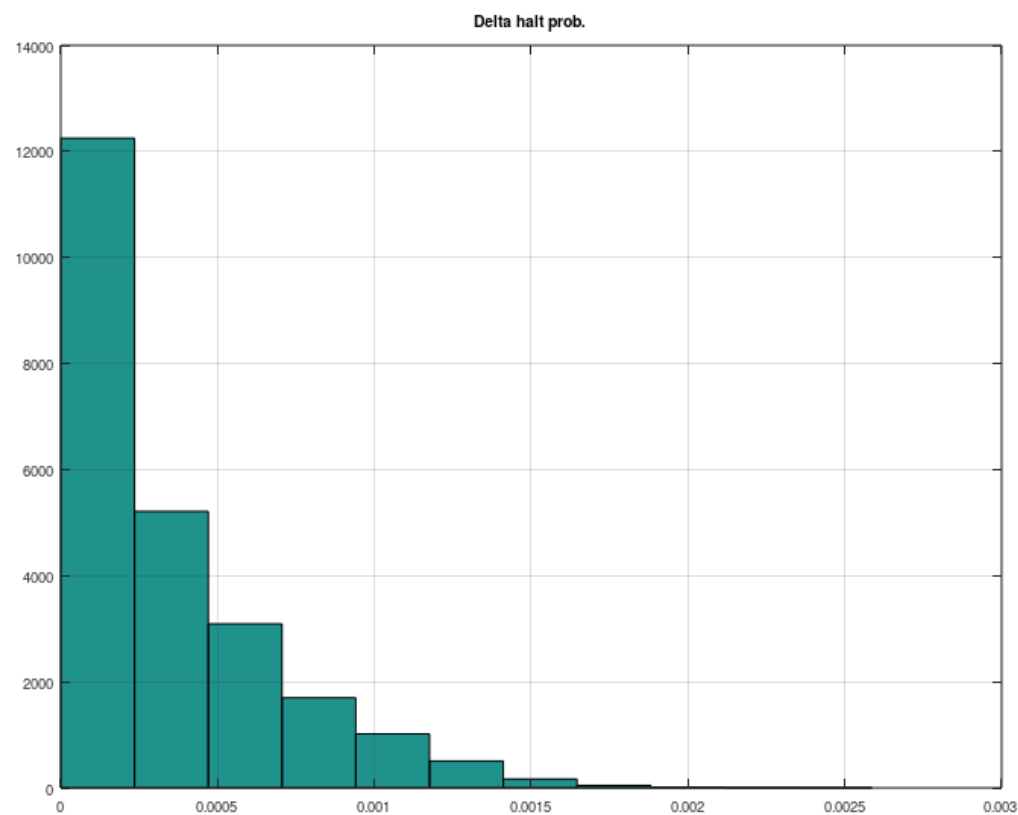
Delta halt prob. notes

[Notes]

Delta halt prob. chart



Delta halt prob. histogram



Delta direction prob.

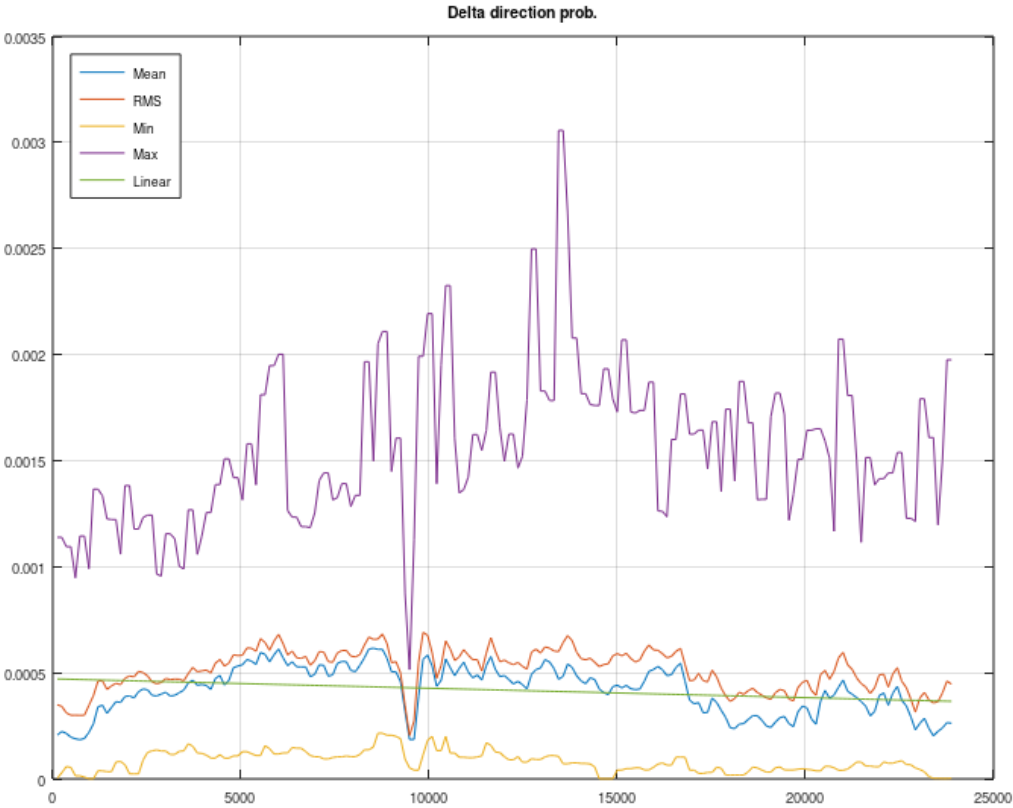
| KPI | |
|--------|----------|
| Mean | 0.000418 |
| RMS | 0.000521 |
| Min | 9e-08 |
| Median | 0.000351 |
| Max | 0.00306 |
| Trend | Linear |
| From | 0.000471 |
| To | 0.000365 |

| 0.000139 | 0.000417 | 0.000695 | 0.000973 | 0.00125 | 0.00153 | 0.00181 | 0.00208 | 0.00236 | 0.00264 | 0.00292 |
|----------|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|
| 10302 | 6242 | 5092 | 1742 | 434 | 130 | 41 | 12 | 2 | 2 | 1 |

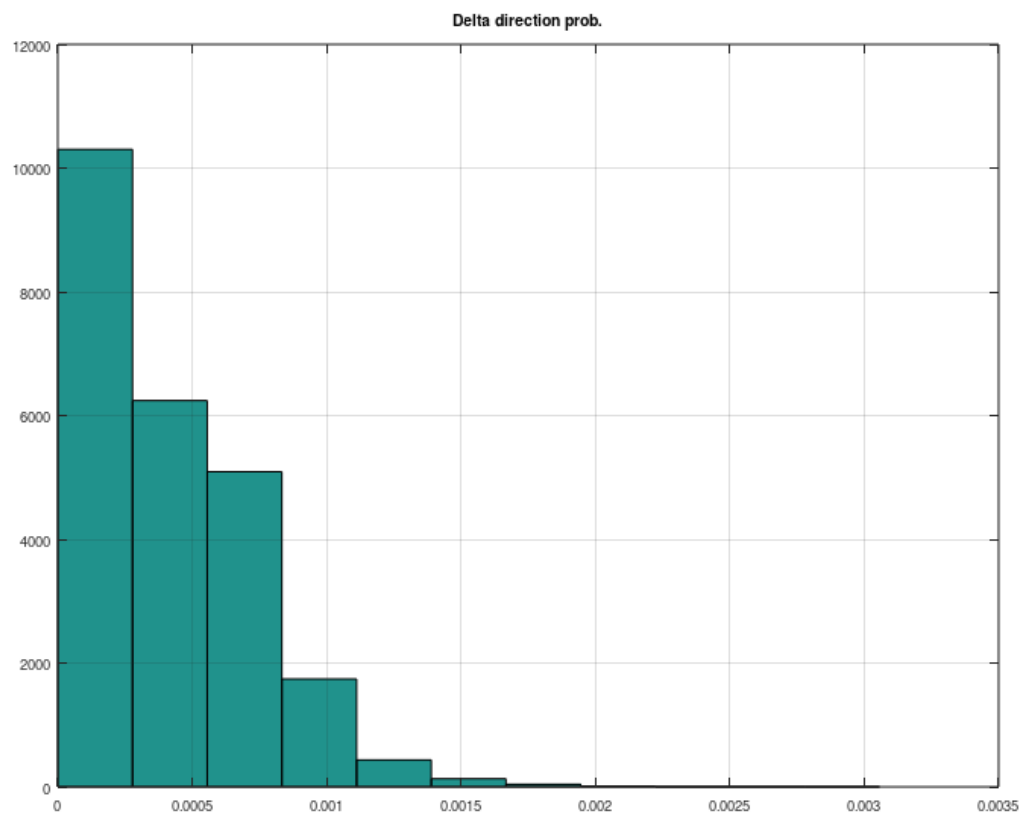
Delta direction prob. notes

[Notes]

Delta direction prob. chart



Delta direction prob. histogram



Delta speed prob.

| KPI | |
|--------|----------|
| Mean | 0.00062 |
| RMS | 0.00078 |
| Min | 2.6e-07 |
| Median | 0.000512 |
| Max | 0.00457 |
| Trend | Linear |
| From | 0.000769 |
| To | 0.000471 |

| 0.000208 | 0.000624 | 0.00104 | 0.00146 | 0.00187 | 0.00229 | 0.0027 | 0.00312 | 0.00353 | 0.00395 | 0.00436 |
|----------|----------|---------|---------|---------|---------|--------|---------|---------|---------|---------|
| 10473 | 6160 | 5112 | 1446 | 573 | 161 | 52 | 17 | 4 | 1 | 1 |

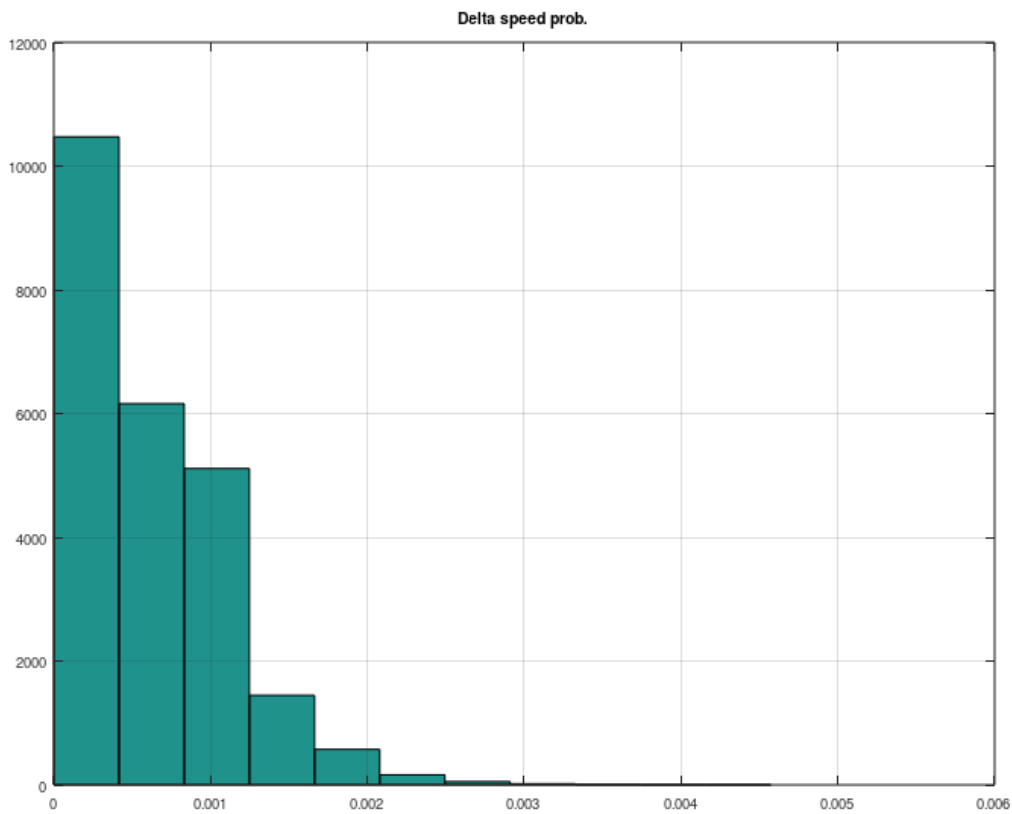
Delta speed prob. notes

[Notes]

Delta speed prob. chart



Delta speed prob. histogram



Delta sensor direction prob.

| KPI | |
|--------|----------|
| Mean | 0.000565 |
| RMS | 0.00074 |
| Min | 2.1e-07 |
| Median | 0.000445 |
| Max | 0.00398 |
| Trend | Linear |
| From | 0.000839 |
| To | 0.000292 |

| | | | | | | | | | | |
|----------|----------|----------|---------|---------|---------|---------|---------|---------|---------|--------|
| 0.000181 | 0.000544 | 0.000906 | 0.00127 | 0.00163 | 0.00199 | 0.00235 | 0.00272 | 0.00308 | 0.00344 | 0.0038 |
| 10662 | 5649 | 4545 | 1879 | 760 | 306 | 132 | 36 | 18 | 9 | 4 |

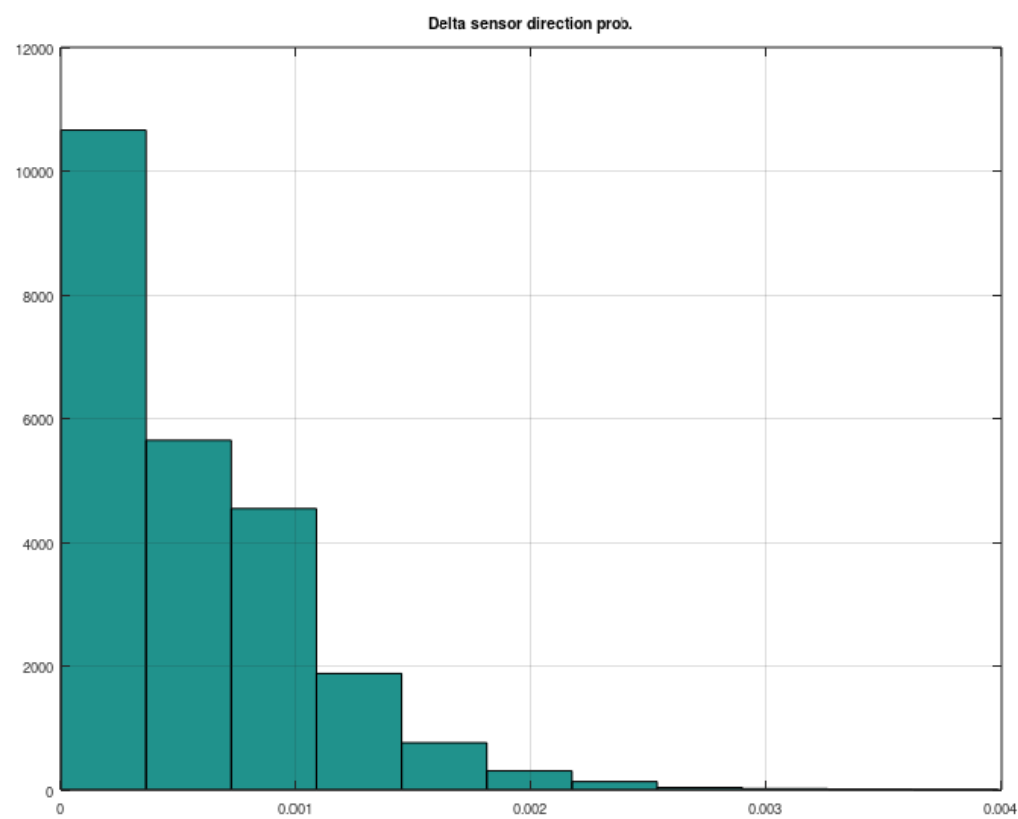
Delta sensor direction prob. notes

[Notes]

Delta sensor direction prob. chart



Delta sensor direction prob. histogram



Advantage residual estimation (critic)

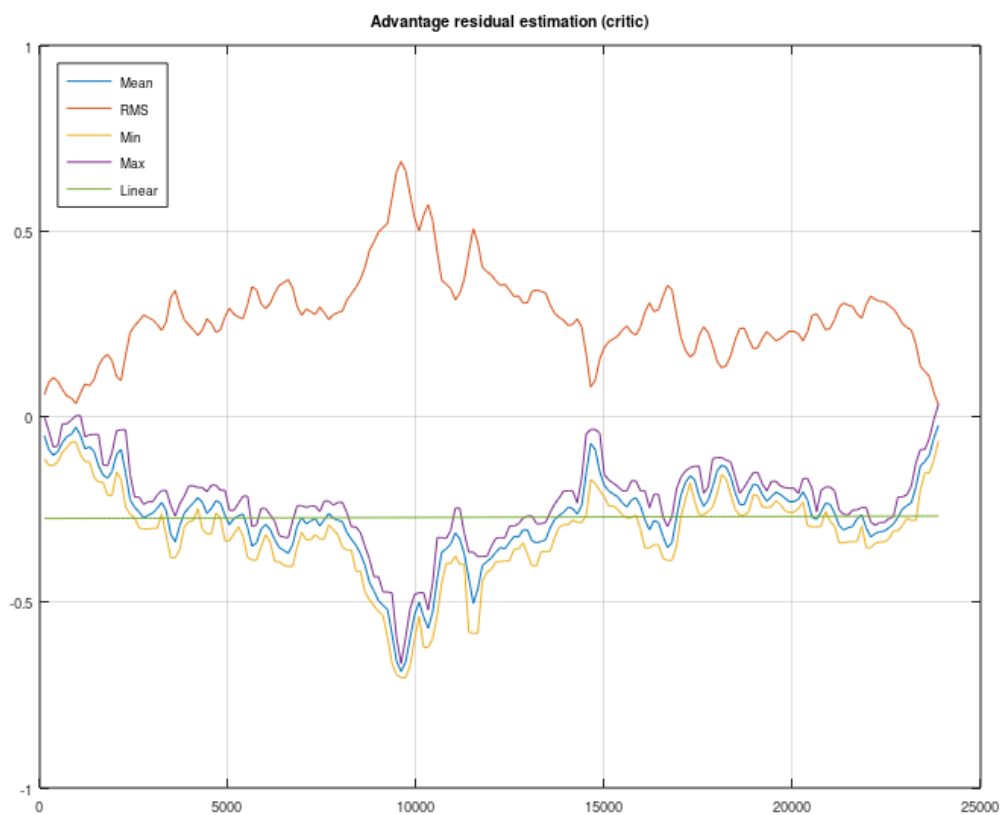
| KPI | |
|--------|--------|
| Mean | -0.271 |
| RMS | 0.298 |
| Min | -0.703 |
| Median | -0.264 |
| Max | 0.0325 |
| Trend | Linear |
| From | -0.275 |
| To | -0.268 |

| | | | | | | | | | | |
|-------|--------|--------|--------|--------|--------|--------|--------|--------|---------|-----------|
| -0.67 | -0.603 | -0.536 | -0.469 | -0.402 | -0.335 | -0.268 | -0.202 | -0.135 | -0.0678 | -0.000891 |
| 360 | 355 | 680 | 683 | 1346 | 4609 | 7377 | 4616 | 1910 | 1657 | 407 |

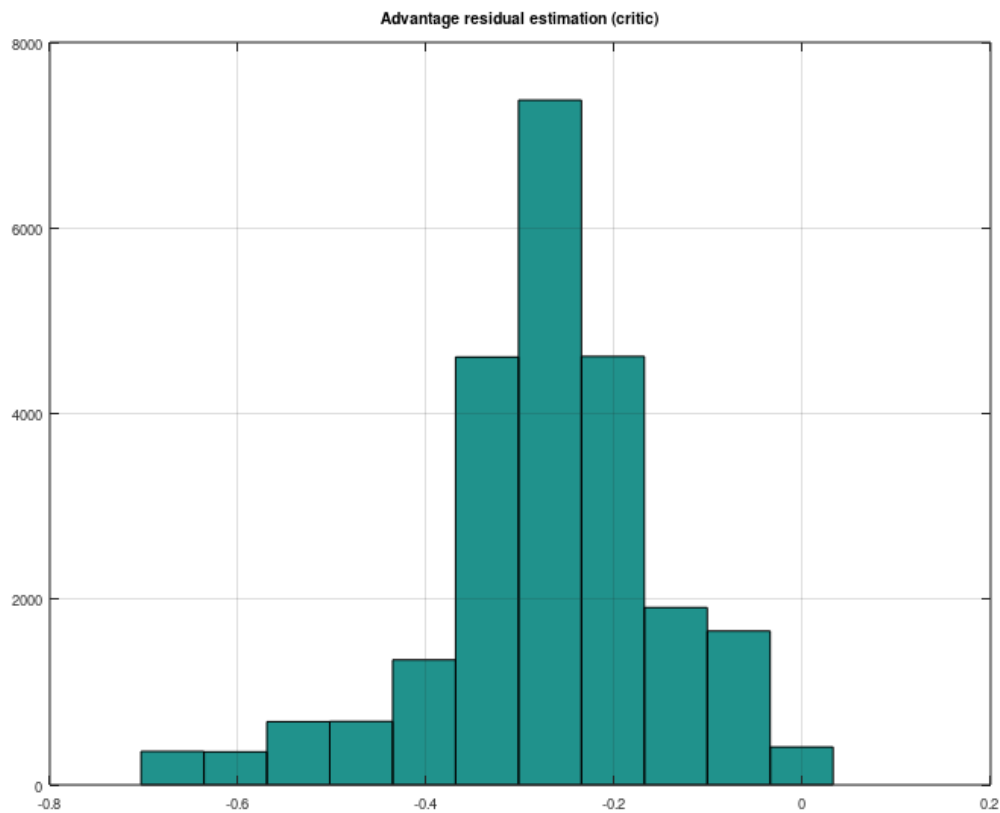
Advantage residual estimation (critic) notes

[Notes]

Advantage residual estimation (critic) chart



Advantage residual estimation (critic) histogram



Halt gradient

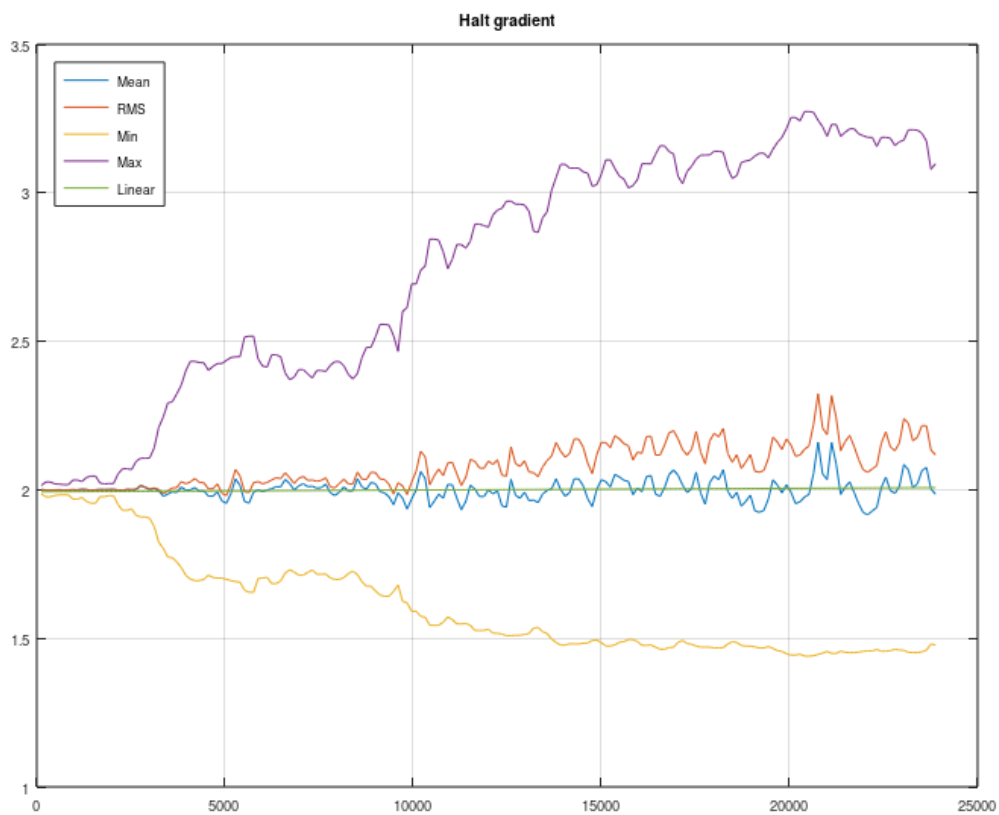
| KPI | |
|--------|--------|
| Mean | 2 |
| RMS | 2.08 |
| Min | 1.44 |
| Median | 1.73 |
| Max | 3.27 |
| Trend | Linear |
| From | 1.99 |
| To | 2.01 |

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|
| 1.52 | 1.69 | 1.86 | 2.02 | 2.19 | 2.36 | 2.52 | 2.69 | 2.86 | 3.02 | 3.19 |
| 9301 | 3696 | 596 | 2944 | 188 | 2095 | 516 | 392 | 862 | 1861 | 1549 |

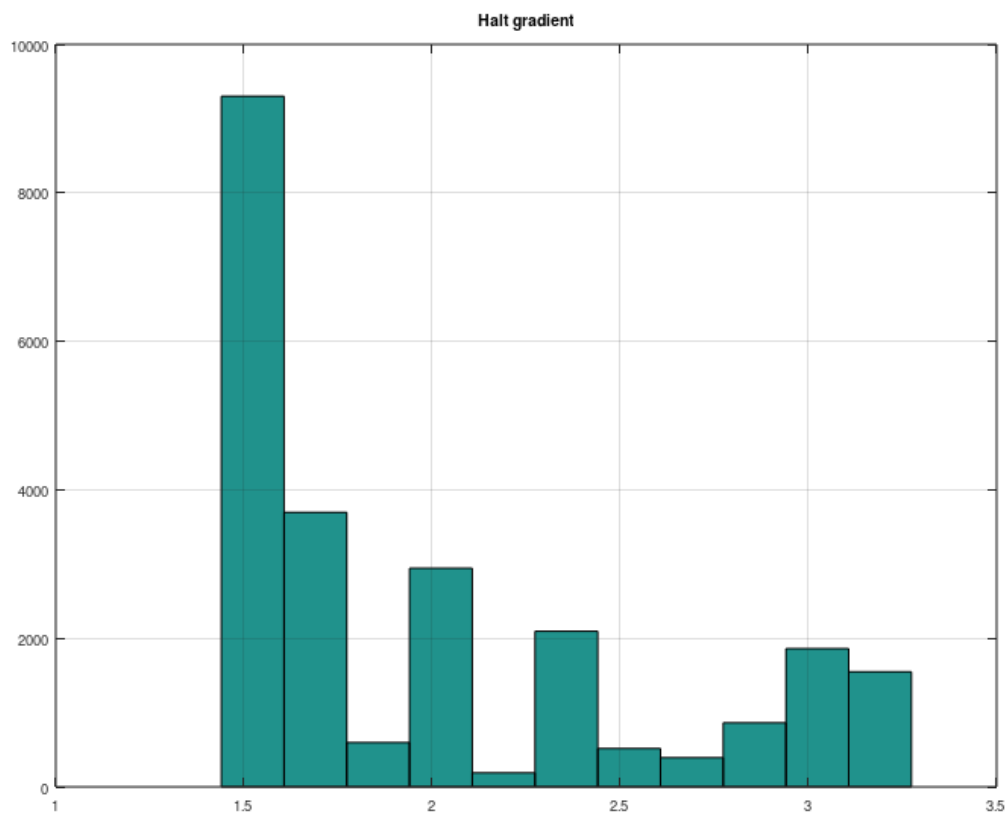
Halt gradient notes

[Notes]

Halt gradient chart



Halt gradient histogram



Direction gradient

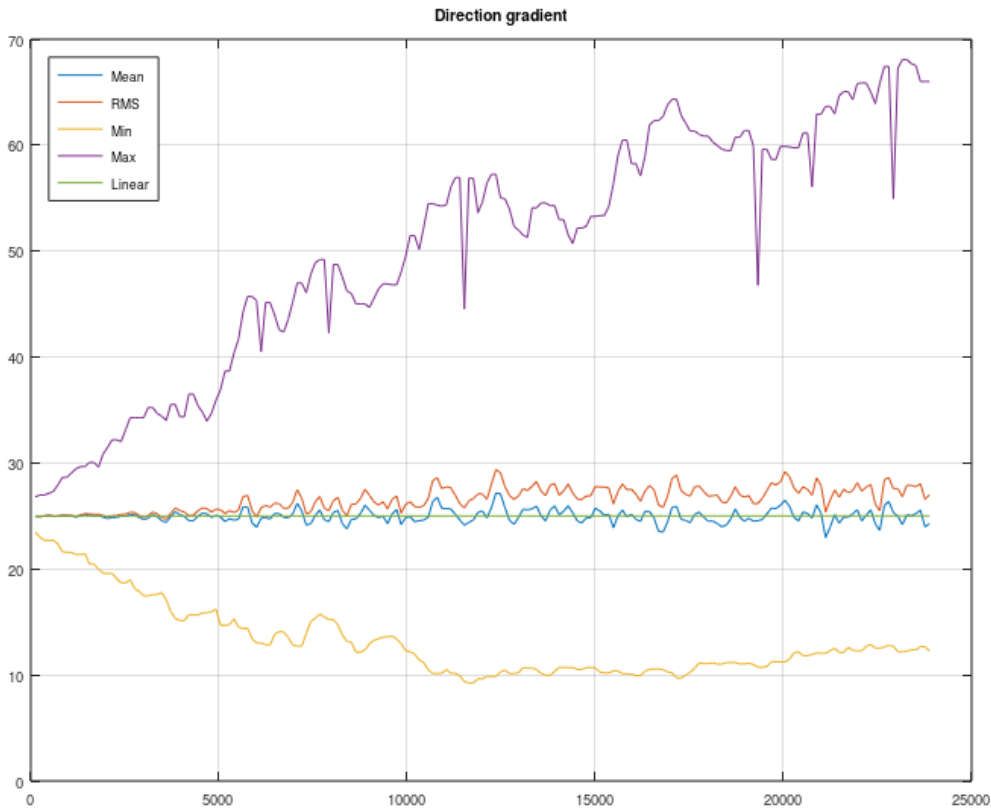
| KPI | |
|--------|--------|
| Mean | 25 |
| RMS | 26.6 |
| Min | 9.24 |
| Median | 24 |
| Max | 68.1 |
| Trend | Linear |
| From | 25 |
| To | 25 |

| | | | | | | | | | | |
|------|------|------|------|------|------|-----|------|------|------|------|
| 11.9 | 17.3 | 22.6 | 28 | 33.3 | 38.7 | 44 | 49.4 | 54.7 | 60.1 | 65.4 |
| 3157 | 3647 | 7083 | 4691 | 2476 | 1846 | 457 | 357 | 171 | 73 | 42 |

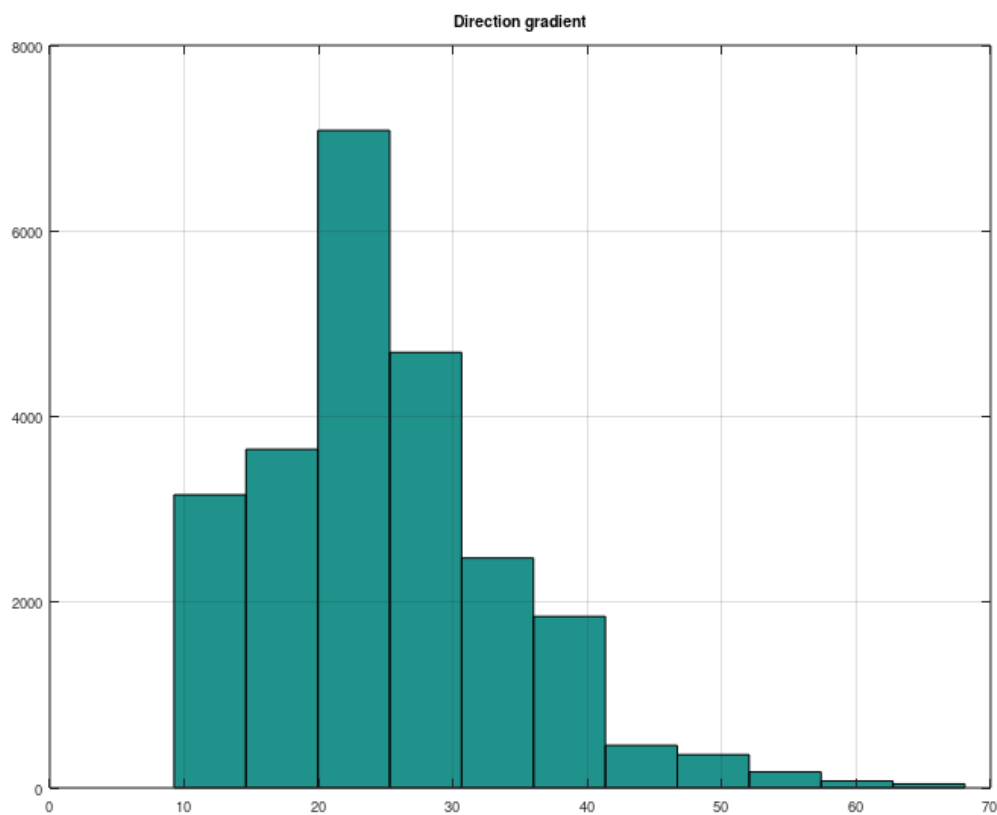
Direction gradient notes

[Notes]

Direction gradient chart



Direction gradient histogram



Speed gradient

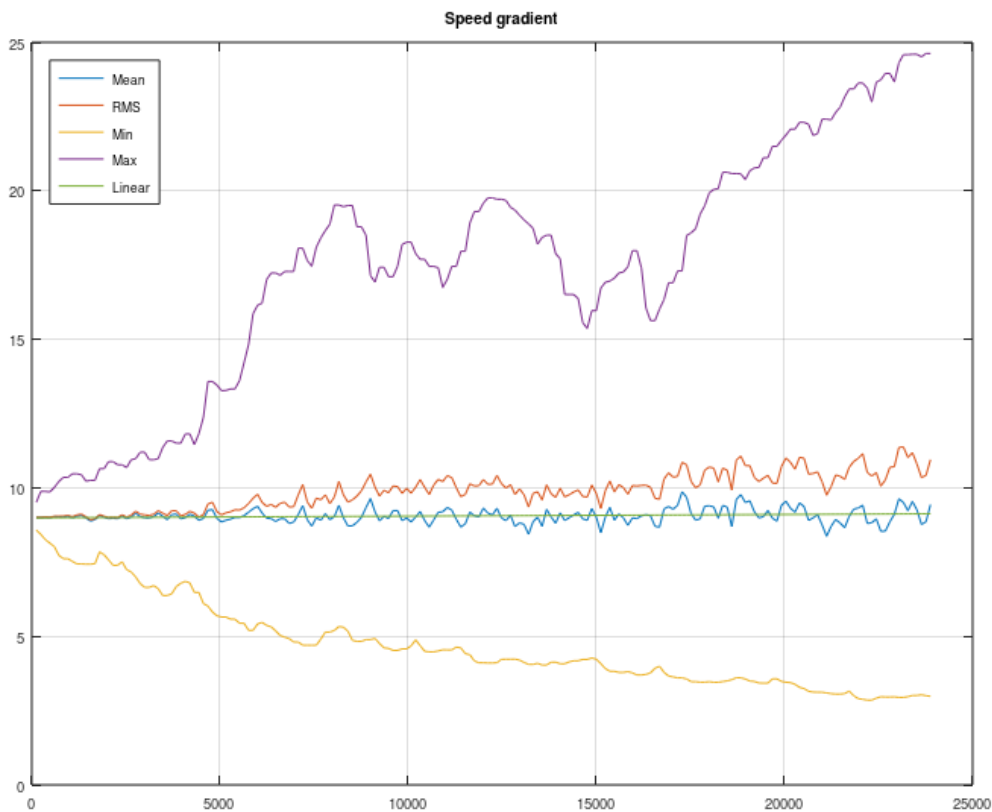
| KPI | |
|--------|--------|
| Mean | 9.06 |
| RMS | 9.92 |
| Min | 2.85 |
| Median | 8.61 |
| Max | 24.6 |
| Trend | Linear |
| From | 8.99 |
| To | 9.12 |

| | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|
| 3.84 | 5.82 | 7.8 | 9.78 | 11.8 | 13.7 | 15.7 | 17.7 | 19.7 | 21.7 | 23.6 |
| 3829 | 3326 | 5459 | 4802 | 1867 | 2415 | 1212 | 600 | 274 | 103 | 113 |

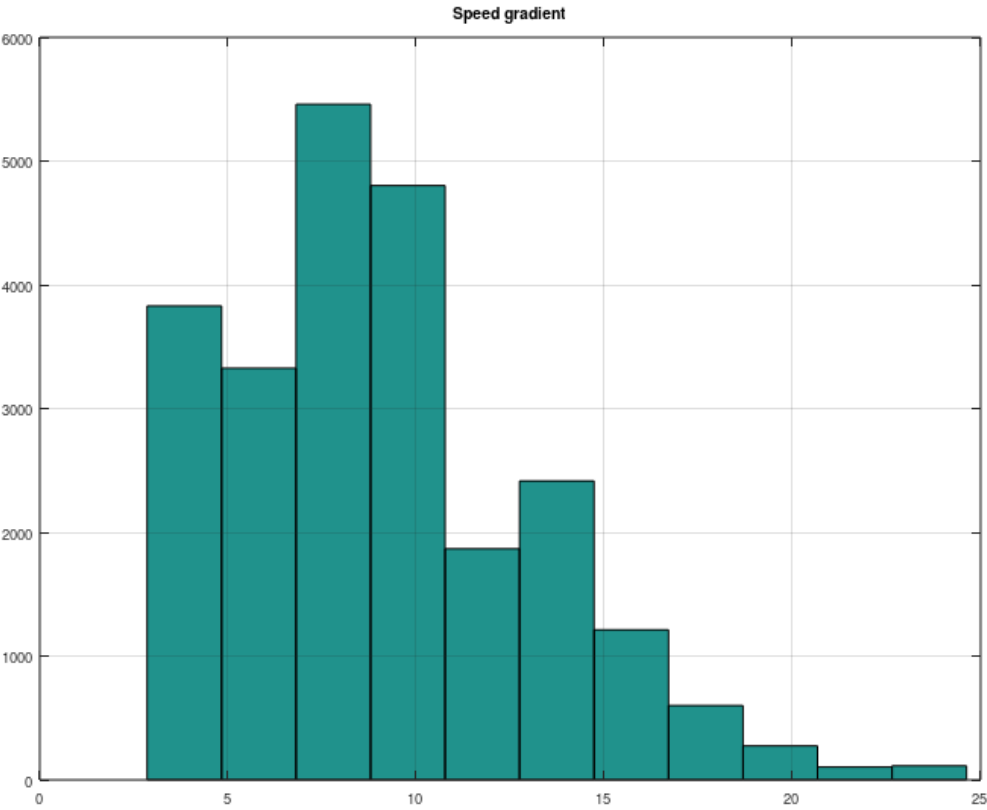
Speed gradient notes

[Notes]

Speed gradient chart



Speed gradient histogram



Sensor direction gradient

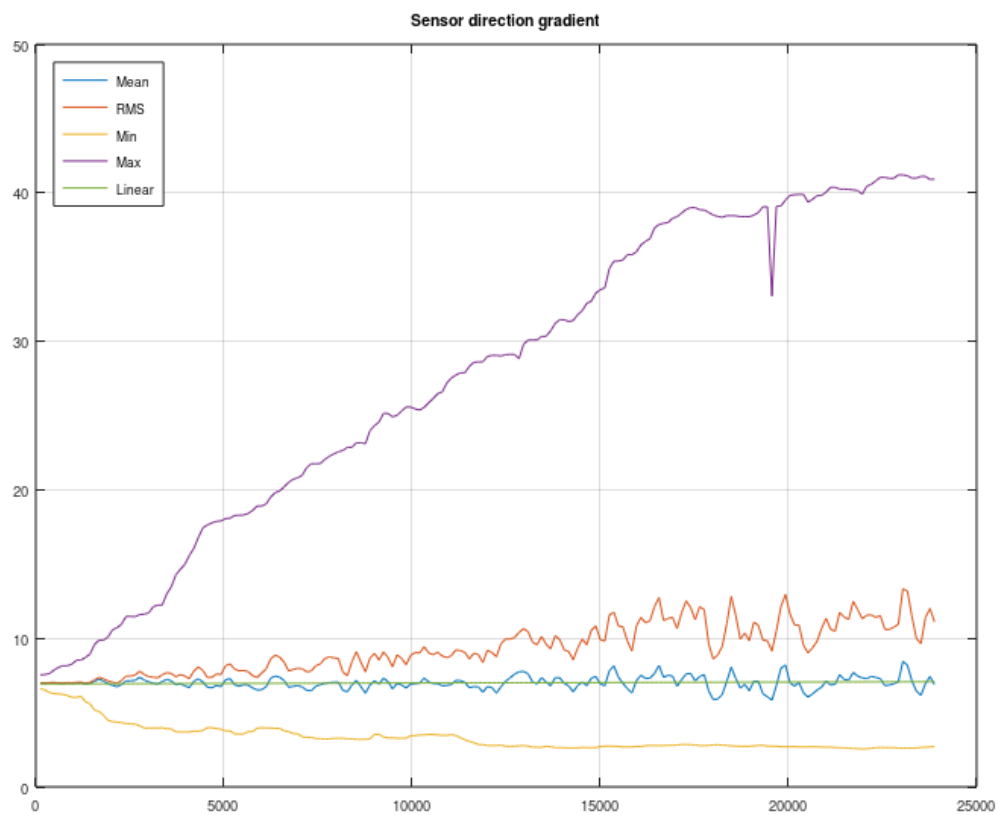
| KPI | |
|--------|--------|
| Mean | 7 |
| RMS | 9.47 |
| Min | 2.55 |
| Median | 4.4 |
| Max | 41.2 |
| Trend | Linear |
| From | 6.93 |
| To | 7.08 |

| | | | | | | | | | | |
|-------|------|------|------|------|------|------|------|------|------|------|
| 4.31 | 7.82 | 11.3 | 14.9 | 18.4 | 21.9 | 25.4 | 28.9 | 32.4 | 35.9 | 39.5 |
| 13020 | 7458 | 948 | 647 | 821 | 243 | 187 | 152 | 284 | 41 | 199 |

Sensor direction gradient notes

[Notes]

Sensor direction gradient chart



Sensor direction gradient histogram

